

Virginia Tech Board of Visitors Meeting

March 27, 2006

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GG: Ms. [Jean Brickey](#), President, Staff Senate

GG: Mr. [Navin Manjoran](#), Graduate Student Representative to the Board of Visitors

MINUTES
March 27, 2006

The Board of Visitors of Virginia Polytechnic Institute and State University met on Monday, March 27, 2006, at 1:15 p.m. in Torgersen Hall on the Virginia Tech Campus in Blacksburg, Virginia.

Present

Mr. Michael Anzilotti
Mr. Ben J. Davenport, Jr.
Ms. Michele Duke
Mr. Robert L. Freeman, Jr.
Mr. L. Bruce Holland
Dr. Hemant Kanakia
Mr. John R. Lawson, II
Ms. Sandra Stiner Lowe
Mr. Jacob A. Lutz, III
Mr. George Nolen
Mr. Thomas L. Robertson
Mr. Philip S. Thompson
Ms. Susanna Rinehart, President, Faculty Senate
Ms. Jennifer Jessie, Undergraduate Student Representative
Mr. Navin Manjooran, Graduate Student Representative

Absent

Ms. Beverley Dalton
Mr. James W. Severt, Sr.

Also present were the following: Dr. Charles Steger, Mr. Erv Blythe, Mr. Ralph Byers, Mr. Jerry Cain, Dean Lay Nam Chang, Mr. Denny Cochran, Mr. Ron Daniel, Dr. Karen DePauw, Dr. Ben Dixon, Dr. John Dooley, Dr. Brad Fenwick, Dr. Elizabeth Flanagan, Dr. David Ford, Ms. Kay Heidbreder, Dr. Zenobia Hikes, Mr. Larry Hincker, Mr. James Hyatt, Dr. Pat Hyer, Mr. Kurt Krause, Mr. Paul Lancaster, Dr. Mark McNamee, Ms. Kim O'Rourke, Mr. Mark Owczarski, Mr. Raymond Plaza, Ms. Kathy Sanders, Dr. Norrine Bailey Spencer, Mr. Jeb Stewart, Dr. Tom Tillar, Dr. Lisa Wilkes, Ms. Sandra Smith, Ms. Teresa Wright, faculty, staff, students, guests, and reporters.

Rector Davenport recognized and welcomed Lay Nam Chang as the Dean of the College of Science. We are privileged to have Dr. Chang as Dean – a man of great vision who will lead the university forward in this very important area of our future.

Rector Davenport asked for a motion of approval of the minutes of the November 7, 2005, meeting as distributed. The motion was made by Rector Davenport and seconded by Mr. Thompson. The minutes were approved.

REPORT OF THE EXECUTIVE COMMITTEE MEETING OF DECEMBER 1, 2005

(Copy filed with the permanent minutes and marked Attachment A.)

Note: Due to some schedule conflicts, Rector Davenport changed the order of the meeting.

REPORT OF THE STUDENT AFFAIRS COMMITTEE

Rector Davenport called on Mr. Anzilotti for the report of the Student Affairs Committee. Mr. Anzilotti commented that the committee had breakfast with the Lesbian Gay Bisexual Transgendered Alliance (LGBTGA), as they have with other student groups in the past, to understand some of their issues with a goal toward making this a welcoming institution for every student. This was a great learning experience and a very positive experience.

Mr. Anzilotti continued with the report as it pertains to student representatives to the Board of Visitors. He commented that the selection committee cannot make a bad choice, because each year they have incredible candidates. Mr. Anzilotti introduced all of the candidates and then called upon Ms. Jessie and Mr. Manjooran to introduce the 2006-07 representatives, contingent upon their approval by the full Board by vote later in the meeting.

Introduction of Board of Visitors' student representatives.

Ms. Jessie introduced Mr. Greg Sagstetter:

- University Honors Student
- Pursuing dual degrees in philosophy and political science
- With a minor in Africana Studies
- Named to USA Today's All-USA College Academic Second Team
- Firefighter and EMT
- Assists the Office of Judicial Affairs as a permanent committee chair.
- Appointed to the subcommittee for sexual misconduct.
- Associate Justice for the Undergraduate Honor System
- Honor System's representative to the Commission on Student Affairs
- Has served as an undergraduate teaching and research assistant.

Mr. Manjooran introduced Ms. Ennis McCrery:

- MFA Student in Creative Writing
- Maintains a perfect GPA
- Active in several university organizations.
- Born and raised in Blacksburg

(Copy filed with the permanent minutes and marked Attachment B.)

REPORT OF THE ACADEMIC AFFAIRS COMMITTEE

Rector Davenport called on Ms. Lowe for a report of the Academic Affairs Committee. (Copy filed with the permanent minutes and marked Attachment C.)

Dr. Ben Dixon commented on the Celebration of Community, the four posters distributed to Board members, and the Martin Luther King Week Celebration.

As part of the Academic Affairs Committee report, the following resolution was moved by Ms. Lowe, seconded by Mr. Lutz, and approved unanimously.

Resolution for Approval to Establish a School of Construction

That the proposed School of Construction be approved and the organizational change forwarded to the State Council of Higher Education for review and approval. (Copy filed with the permanent minutes and marked Attachment D.)

As part of the Academic Affairs Committee report, the following resolution was moved by Ms. Lowe, seconded by Mr. Lutz, and approved unanimously.

Resolution for Approval to Establish a Bachelor of Arts Degree in Humanities, Science, and Environment

That the B.A. in Humanities, Science, and Environment be approved and forwarded to the State Council of Higher Education for further review and approval. (Copy filed with the permanent minutes and marked Attachment E.)

As part of the Academic Affairs Committee report, the following resolution was moved by Ms. Lowe, seconded by Mr. Lutz, and approved unanimously.

Resolution for Approval to Establish a Doctoral Degree (Ph.D.) in Geospatial and Environmental Analysis

That the Ph.D. in Geospatial and Environmental Analysis be approved and forwarded to the State Council of Higher Education for further review and approval. (Copy filed with the permanent minutes and marked Attachment F.)

As part of the Academic Affairs Committee report, the following resolution was moved by Ms. Lowe, seconded by Mr. Lutz, and approved unanimously.

**Resolution for Approval to Establish a Doctoral Degree (Ph.D.)
in Rhetoric and Writing**

That the Ph.D. in Rhetoric and Writing be approved and forwarded to the State Council for Higher Education for further review and approval. (Copy filed with the permanent minutes and marked Attachment G.)

As part of the Academic Affairs Committee report, the following resolution was moved by Ms. Lowe, seconded by Mr. Lutz, and was approved unanimously.

**Resolution for Approval to Replace the Ph.D. in Environmental Design and
Planning with the Ph.D. in Architecture and Design Research and the Ph.D. in
Planning, Governance & Globalization**

That the spin-off degrees, the Ph.D. in Architecture and Design Research, and the Ph.D. in Planning, Governance & Globalization, be approved and forwarded to the State Council of Higher Education of further review and approval. The existing degree, Ph.D. in Environmental Design and Planning, will be phased out. (Copy filed with the permanent minutes and marked Attachment H.)

As part of the Academic Affairs Committee report, the following resolution was moved by Ms. Lowe, seconded by Mr. Lutz, and approved unanimously.

**Resolution for Approval of Membership of The Virginia Coal and Energy
Research and Development Advisory Committee**

That the Advisory Committee appointments of Michael Quillen and Richard Wolfe be renewed through 2010. (Copy filed with the permanent minutes and marked Attachment I.)

REPORT OF THE BUILDINGS AND GROUNDS COMMITTEE

Rector Davenport called on Mr. Lawson for a report of the Buildings and Grounds Committee. (Copy filed with the permanent minutes and marked Attachment J.)

As part of the Buildings and Grounds Committee report, the following resolution was moved by Mr. Lawson, seconded by Mr. Freeman, and approved unanimously.

Resolution for Approval of the Virginia Department of Transportation Easement

That the resolution authorizing the Vice President for Business Affairs to execute the right-of-way and drainage easement to Virginia Department of Transportation be approved. (Copy filed with the permanent minutes and marked Attachment K.)

As part of the Buildings and Grounds Committee report, the following resolution was moved by Mr. Lawson, seconded by Mr. Freeman and approved unanimously.

Resolution for Approval for the Blacksburg-Virginia Polytechnic Institute Sanitation Authority Easement and Temporary Construction Easement

That the resolution authorizing the Vice President for Business Affairs to execute the easement to Blacksburg-Virginia Polytechnic Institute Sanitation Authority be approved. (Copy filed with the permanent minutes and marked Attachment L.)

As part of the Buildings and Grounds Committee report, the following resolution was moved by Mr. Lawson, seconded by Mr. Freeman and approved unanimously.

Resolution for Approval of the A&N Electric Cooperative Easement

That the resolution authorizing the Vice President for Business Affairs to execute the easement to A&N Electric Cooperative be approved. (Copy filed with the permanent minutes and marked Attachment M.)

REPORT OF THE FINANCE AND AUDIT COMMITTEE

Rector Davenport called on Mr. Lutz for the report of the Finance and Audit Committee. (Copy filed with the permanent minutes and marked Attachment N.)

As part of the Finance and Audit Committee report, and with the endorsement of the Academic Affairs Committee, the following resolution was moved by Mr. Lutz, seconded by Mr. Robertson, and approved unanimously:

Resolution Delegating Contract Approval Authorization

That the resolution delegating to the President authority to approve contracts with an employee who has a personal interest in the contract provided that the contract is for research and development or commercialization of intellectual property, subject to the requirements contained in this resolution be approved. (Copy filed with the permanent minutes and marked Attachment O.)

As part of the Finance and Audit Committee report, the following resolution was moved by Mr. Lutz, seconded by Mr. Thompson, and approved unanimously:

Resolution of Approval for Supplemental Retirement Contributions for VRS Participating Faculty

That the Resolution regarding VRS participant contributions be approved. (Copy filed with the permanent minutes and marked Attachment P.)

As part of the Finance and Audit Committee report, the following resolution was moved by Mr. Lutz, seconded by Mr. Thompson, and approved unanimously:

Resolution for Approval of 2006-2007 Tuition and Fees

That the proposed increases in the tuition and fee rates be approved, effective Fall Semester 2006. (Copy filed with the permanent minutes and marked Attachment Q.)

Mr. Lutz commented that the increased annual cost for energy alone is about \$3 million.

As part of the Finance and Audit Committee report, the following resolution was moved by Mr. Lutz, seconded by Ms. Duke, and approved unanimously:

Resolution for Approval of 2006-2007 Compensation for Graduate Assistantships

That the stipend levels and graduate health insurance program be approved. (Copy filed with the permanent minutes and marked Attachment R.)

Note that the effective date is August 10, 2006, rather than November 25, 2006, with an offsetting decrease to the stipend increase percentage. This shift in effective date does not affect the total compensation for graduate students; rather, it spreads the increase over the entire academic year.

As part of the Finance and Audit Committee report, the following resolution was moved by Mr. Lutz, seconded by Mr. Thompson, and approved unanimously:

**Resolution for Approval of
The Year-to-Date Financial Performance Report
(July 1, 2005 – December 31, 2005)**

That the report of income and expenditures for the University Division and the Cooperative Extension/Agriculture Experiment Station Division for the period of July 1, 2005, through December 31, 2005, and the Capital Outlay report be accepted. (Copy filed with the permanent minutes and marked Attachment S.)

Review and Acceptance of the Internal Audit Reports

As part of the Finance and Audit Committee report, Mr. Lutz made a motion for acceptance of the four audit reports. The motion was seconded by Ms. Duke and was approved unanimously.

**Virginia Bioinformatics Institute
Real Estate Management
Corps of Cadets
Pamplin College of Business**

(Copies filed with the permanent minutes and marked Attachment T.)

Motion to begin Closed Session

Mr. Lutz moved that the Board convene in a closed meeting, pursuant to § 2.2-3711, Code of Virginia, as amended, for the purposes of discussing:

1. Appointment of faculty to Emeritus status, the consideration of individual salaries of faculty, consideration of Endowed Professors, review of departments where specific individuals' performance will be discussed, and consideration of personnel changes including appointments, resignations, tenure, and salary adjustments of specific employees and faculty leave approvals.
2. The status of current litigation and briefing on actual or probable litigation.
3. Discussion of special awards.

all pursuant to the following subparts of 2.2-3711 (A), Code of Virginia, as amended, .1, .7, and .8

The motion was seconded by Mr. Thompson and passed unanimously.

Motion to Return to Open Session

Following the Closed Session, members of the press, students, and the public were invited to return to the meeting. Rector Davenport called the meeting to order and asked Mr. Lutz to make the motion to return to open session.

Mr. Lutz made the following motion:

WHEREAS, the Board of Visitors of Virginia Polytechnic Institute and State University has convened a closed meeting on this date pursuant to an affirmative recorded vote and in accordance with the provisions of The Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3712 of the Code of Virginia requires a certification by the Board of Visitors that such closed meeting was conducted in conformity with Virginia law;

NOW, THEREFORE, BE IT RESOLVED that the Board of Visitors of Virginia Polytechnic Institute and State University hereby certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which this certification resolution applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Board of Visitors.

The motion was seconded by Mr. Anzilotti and passed unanimously.

Upon motion by Rector Davenport and second by Mr. Lutz, unanimous approval was given to the resolution for approval of **Emerita and Emeritus Status (7)**, as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment U.)

Upon motion by Rector Davenport and second by Mr. Lutz, unanimous approval was given to the resolutions for approval of **Faculty Leaves – Study Research (13) – Research Assignments (42) – Educational (1)** as considered in Closed Session. (Copies filed with the permanent minutes and marked Attachment V.)

Upon motion by Rector Davenport and second by Mr. Lutz, unanimous approval was given to the resolution for approval of an **Endowed Professorship (1)** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment W.)

Upon motion by Rector Davenport and second by Mr. Lutz, unanimous approval was given to the ratification of selection of the **2006-2007 Board of Visitors Student Representatives** as recommended by the Student Affairs Committee. [Note: Because of scheduling conflicts, the Student Affairs Committee served as the Selection Committee this year.]

Upon motion by Rector Davenport and second by Mr. Lutz, unanimous approval was given to the **Resolution for Approval of External Award** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment X.)

Upon motion by Rector Davenport and second by Mr. Lutz, unanimous approval was given to the **Resolution to Name University Facilities (7)** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment Y.)

[Note: The naming request for one of the facilities voted upon was subsequently withdrawn at the request of the honoree.]

Upon motion by Rector Davenport and second by Mr. Lutz, approval was given to **Ratification of Personnel Changes Report** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment Z.) This item was reviewed by the Academic Affairs Committee and the Finance and Audit Committee.

Upon motion by Rector Davenport and second by Mr. Lutz, approval was given to the **Resolution for Ratification of Contractual and Approval of Non-contractual Post-Season Football Bonuses – ACC Championship Game – 2006 Toyota Gator Bowl** as considered in Closed Session. (Copy filed with the permanent minutes and marked Attachment AA.)

Open Session President's Report Items for Board Information

President Steger expressed his appreciation to the Board of Visitors for the contributions made during the strategic planning retreat. Discussions were very useful and constructive. The updated plan will be presented to the Board for approval at the June meeting.

One of the items discussed during the process about which the Board might want to take action in June has to do with committee structure. A Special Committee on Research has been established. The question is whether or not the Board would choose to modify its bylaws to make the Research Committee a standing committee.

Mr. Thompson commented that given our vision is to become a top 30 research university, certainly the attention on research is a major part of what we do here. Therefore, Mr. Thompson feels the Research Committee deserves to be a standing committee.

Mr. Lutz commented that he has been a member of the Research Committee for the past several years and feels Mr. Thompson is doing an outstanding job as chair of the Research Committee. He voiced support for considering making the Research Committee a standing committee and noted that the appropriate procedure should be followed.

President Steger presented the **Research and Development Disclosure Report**. (Copy filed with the permanent minutes and marked Attachment BB.)

Spring Semester Enrollment Report - Dr. Steger noted that a record number of applications was received for fall 2006 admission. -- (Copy filed with the permanent minutes and marked Attachment CC.)

Intellectual Property (IP) Legislation Report - Dr. Brad Fenwick and Mr. Ralph Byers -- (Copy filed with the permanent minutes and marked Attachment DD.)

Discussion of Branding Campaign -- Mr. Larry Hincker -- (Copy filed with the permanent minutes and marked Attachment EE.)

Discussion of Development Campaign -- Dr. Elizabeth Flanagan -- (Copy filed with the permanent minutes and marked Attachment FF.)

Rector Davenport appointed the **Nominating Committee for 2006-07**. The committee members are: Mr. James Severt (Chair), Ms. Shelley Duke, and Mr. Bobby Freeman. This committee will make its recommendations for the new officers at the next meeting.

Rector Davenport commented that he is personally excited about the June meeting being held at the Institute for Advanced Learning and Research in Danville and the opportunity to show the Board what Virginia Tech is doing to completely revitalize the economy. It will make you proud of Virginia Tech.

At this point Rector Davenport had to leave the meeting for another appointment and Mr. Lutz, Vice Rector, presided over the remainder of the meeting.

Reports from Constituency Representatives -- (Copy filed with the permanent minutes and marked Attachment GG.)

Ms. Susanna Rinehart, President, Faculty Senate

Mr. Navin Manjooran, Graduate Student Representative

Ms. Jennifer Jessie, Undergraduate Student Representative

Ms. Duke asked Ms. Jessie to provide the website address that features the undergraduate research work that is being done. The President's Office will assist in getting this information to Board members.

Ms. Jean Brickey, President, Staff Senate

President Steger noted that it has been the practice to invite a representative of the classified staff to give a report to the Board of Visitors once each year. Dr. Steger commented that Ms. Brickey has done a great job leading the Staff Senate. He emphasized that the university is very fortunate to have such a high-quality staff. The university's achievements could not be realized without the tremendous support of the staff.

President Steger thanked everyone for their reports.


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The date for the next meeting is June 12, 2006, at the Institute for Advanced Learning and Research in Danville, Virginia.

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The meeting adjourned at 3:35 p.m.


Ben J. Davenport, Jr., Rector


Kim O'Rourke, Secretary

**SPECIAL MEETING
EXECUTIVE COMMITTEE OF THE BOARD OF VISITORS
MINUTES**

December 1, 2005

The Executive Committee of the Board of Visitors of Virginia Polytechnic Institute and State University met on Thursday, December 1, 2005, at 1:45 p.m. at the university's National Capitol Region Office at 1101 King Street, Alexandria, Virginia.

The purpose of the meeting was to set the compensation for the executive leadership of the university. Authorization to do so was granted to the Executive Committee of the Board by the full Board of Visitors on November 7, 2005.

Present

Mr. Michael Anzilotti
Ms. Sandra Stiner Lowe
Mr. Jacob A. Lutz, III

Absent

Mr. Ben J. Davenport, Jr.
Mr. John R. Lawson, II

Also present were the following: Dr. Charles Steger, Ms. Kay Heidbreder.

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In the absence of Mr. Davenport, Mr. Lutz chaired the meeting. He called the meeting to order at 1:45 p.m., and a quorum was present.

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Motion to begin Closed Session

Mr. Lutz moved that the Board convene in a closed meeting, pursuant to § 2.2-3711(A)(1), Code of Virginia, as amended, for the purpose of discussing performance and individual salaries of specific employees. The motion was seconded and passed unanimously.

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Motion to Return to Open Session

Following the Closed Session, Mr. Lutz called the meeting to order and made the following motion to return to Open Session:

WHEREAS, the Executive Committee of the Board of Visitors of Virginia Polytechnic Institute and State University has convened a closed meeting on this date pursuant to an affirmative recorded vote and in accordance with the provisions of The Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3712 of the Code of Virginia, 1950, as amended, requires a certification by the Board of Visitors that such closed meeting was conducted in conformity with Virginia law;

NOW, THEREFORE, BE IT RESOLVED that the Executive Committee of the Board of Visitors of Virginia Polytechnic Institute and State University hereby certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which this certification resolution applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Executive Committee of the Board of Visitors.

The motion was seconded and passed unanimously.

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A motion to approve the following resolution to approve the compensation packages for the President, Provost and Vice President for Academic Affairs, and Executive Vice President and Chief Operating Officer, as considered in Closed Session, was made by Mr. Lutz, seconded, and approved unanimously.

Resolution to Approve Compensation Packages for Executive Leadership

That the proposed salary actions be approved, effective November 25, 2005.

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A motion to approve the following resolution to approve the Virginia Retirement System Restoration Plan for the President and Executive Vice President and Chief Operating Officer was made by Mr. Anzilotti, seconded, and approved unanimously.

Resolution to Approve Virginia Retirement System Restoration Plan

That in the case of the two Virginia Tech employees who are Virginia Retirement System participants and have reached the §401(a)(17) cap on VRS contributions, the residual funds, based on the standard ORP percentage, be placed into the Select or Supplemental Plan, as appropriate, effective immediately.

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The report of this meeting of the Executive Committee of the Board of Visitors will be presented to the Board of Visitors at its next meeting on March 27, 2006.

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The meeting was adjourned at 2:55 p.m.

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Minutes

**STUDENT AFFAIRS/SELECTION COMMITTEE FOR THE
2006-2007 STUDENT REPRESENTATIVES TO THE
VIRGINIA TECH BOARD OF VISITORS**

**The Inn at Virginia Tech
March 27, 2006**

**Cascades Room
9:30 a.m.**

PRESENT: Mr. Michael Anzilotti, Chair
Mr. L. Bruce Holland
Ms. Jennifer Jessie
Mr. Navin Manjooran
Mr. George Nolen

GUESTS: Dr. Zenobia Hikes, Ms. Jenna Lazenby, Ms. Ennis McCrery, Mr. Greg Sagstetter, Mr. Marc Saint Raymond, Ms. Donna Sanzenbach, Ms. Ashley Shew, Mr. Ryan Smith, Mr. Ken Stanton

1. Opening remarks and approval of November 7, 2005, minutes

Mr. Michael Anzilotti, Chair, provided opening remarks and submitted the minutes of the November 7 Student Affairs Committee meeting to the committee for review and approval. The minutes were approved as written.

2. Move to Closed Session

Mr. Bruce Holland moved that the Selection Committee of the Board of Visitors convene in a closed session pursuant to Section 2.2-3711(A), Subsection 1, Code of Virginia, as amended for the purpose of interviewing and selecting the Undergraduate and Graduate Student Representatives to the Virginia Tech Board of Visitors for 2006-2007.

The motion was seconded and passed unanimously.

3. Move to Return to Open Session

Following the closed session, Mr. George Nolen made the following motion as written:

WHEREAS, the Board of Visitors of Virginia Polytechnic Institute and State University has convened a closed meeting on this date pursuant to an affirmative recorded vote and in accordance with the provisions of The Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3712.1 of the Code of Virginia requires a certification by the Board of Visitors that such closed meeting was conducted in conformity with Virginia law;

NOW, THEREFORE, BE IT RESOLVED that the Board of Visitors of Virginia Polytechnic Institute and State University hereby certifies that, to the best of each member's knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which this certification resolution applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Board of Visitors.

The motion was seconded and passed unanimously.

Following closed session, the committee asked the candidates to join the meeting. Mr. Anzilotti thanked them for their time and interest in the position, and reported who would be recommended to the full Board at the afternoon session. The committee recommends to the full Board the ratification of the selection of Mr. Gregory Sagstetter as the undergraduate student representative, and Ms. Ennis McCrery as the graduate student representative to the Board of Visitors for 2006-2007.

4. **Adjournment**

There being no further business, the meeting adjourned at 11:37 a.m.

**Minutes of the Academic Affairs Committee
March 27, 2006**

Board members present: Sandra Stiner Lowe, Shelley Duke, and Navin Manjooran. The rector also attended portions of the meeting.

Closed Session:

The committee began its meeting with a closed session to consider resolutions concerning appointments to emeritus status, faculty leaves, appointment to an endowed professorship, and ratification of the personnel changes report. All resolutions were approved. The session was formally certified and the committee moved to open session.

Open Session:

The chair welcomed staff and guests to the meeting.

Ms. Lowe commented on the committee's interest and commitment to increasing diversity at the university. A team of Virginia Tech officials and Board members visited the Ron Brown Scholars' organization and received a list of around 1300 African American scholarship applicants. All of these students were contacted and 28 applied. The Admissions Office made offers to 24. The scholars received repeated contacts from other students and university and community officials, urging them to apply and accept admission to Virginia Tech.

Ms. Lowe also recognized Navin Manjooran, graduate student member of the Board, for having received four awards for outstanding achievement.

The minutes of the November 7, 2005 meeting were approved. Actions taken in closed sessions were reconfirmed through formal vote of the committee.

Dr. McNamee provided additional information about the current outline of the university plan for 2006-12. "Learning, discovery, and engagement" are the three overarching scholarship domains that describe much of the university's mission and activity. A one-page summary highlights initiatives to be pursued under each of these domains. In addition to the domain areas, "foundation and support strategies" will identify the strategies we will need to pursue in areas of human, financial, and physical infrastructure that will be necessary to make progress. The Board will focus annually on strategic planning to assess progress and discuss critical issues.

Faculty Affairs:

Kay Heidbreder reviewed the resolution delegating authority to the president to approve research and development contracts with an employee who has a personal interest in the contract. The Code of Virginia now allows boards of visitors to delegate such

authority to the president in order to manage such research contracts in a more timely way. Committee members were briefed on the recently revised approval process, which includes review and approval by several university executives. A summary listing of approved contracts will be included as part of the president's report at each meeting of the board. A motion was made and seconded to approve the resolution. The resolution was approved. The resolution was also under consideration by the Finance and Audit Committee.

Undergraduate Education:

David Ford updated the committee on developments related to the University Center for Undergraduate Education, recently formed to give greater coherence and visibility to undergraduate education initiatives. He also reported on offers of admission, which were issued on Friday. The applicant pool, both overall and from underrepresented groups, was up. The profile of students offered admission also continues to improve. He then introduced faculty members who have taken the lead role in several important new curriculum initiatives.

Mike Vorster presented an overview of the new School of Construction. The new cross-college school unites two well-recognized construction-related programs in the Department of Building Construction and the Department of Civil and Environmental Engineering. The school will administer undergraduate and graduate degree programs and create synergy among faculty, leading to enhanced research and outreach programs. The school will benefit from the generous gifts of two alumni, A. Ross Myers and John Lawson, and will be named in their honor. A resolution to approve the new school and forward the organizational change to the State Council of Higher Education was approved.

Eileen Crist, associate professor of science and technology studies, presented an overview of the new bachelor's degree proposal, the B.A. in Humanities, Science, and Environment (HSE). The new program draws on coursework in 22 departments to create a unique and innovative curriculum focused on the role of science and technology in shaping the human-environment relationship. Graduates are expected to find employment in a wide variety of settings or to enter a master's or doctoral program. The new bachelor's program in HSE is an undergraduate complement to existing and well regarded master's and doctoral programs in science and technology studies. A resolution approving the new B.A. in Humanities, Science, and Environment was approved.

Graduate Education:

Karen DePauw provided a brief overview of the process used to initiate new graduate degrees. Faculty members develop brief summaries of new degree proposals and, if approved for further development, they are included in the "institutional plan for graduate education."

Larry Grossman, professor and head of the Department of Geography, described the new doctoral program in Geospatial and Environmental Analysis. The key dimension of the program is the application of geospatial analysis to contemporary natural resource and environmental issues. The program involves all four departments in the College of Natural Resources and draws on the expertise of faculty members in other colleges as well. A resolution to approve the new Ph.D. in Geospatial and Environmental Analysis was approved.

Carolyn Rude, incoming department head in English, introduced the new Ph.D. in Rhetoric and Writing, which will be the first Ph.D. in the department and a unique program in the state. The program focuses on language and composition, and how they influence understanding of public problems and decision making. At its core, the program is concerned with ways in which humanity can make sense of the wealth of information available. Graduates of the program are expected to be in demand primarily as faculty members to teach composition and professional writing to undergraduates and to lead other graduate programs in rhetoric. Some graduates will find employment in research and writing positions in industry, government, and nonprofit organizations. A motion was made and seconded to approve the resolution approving the degree.

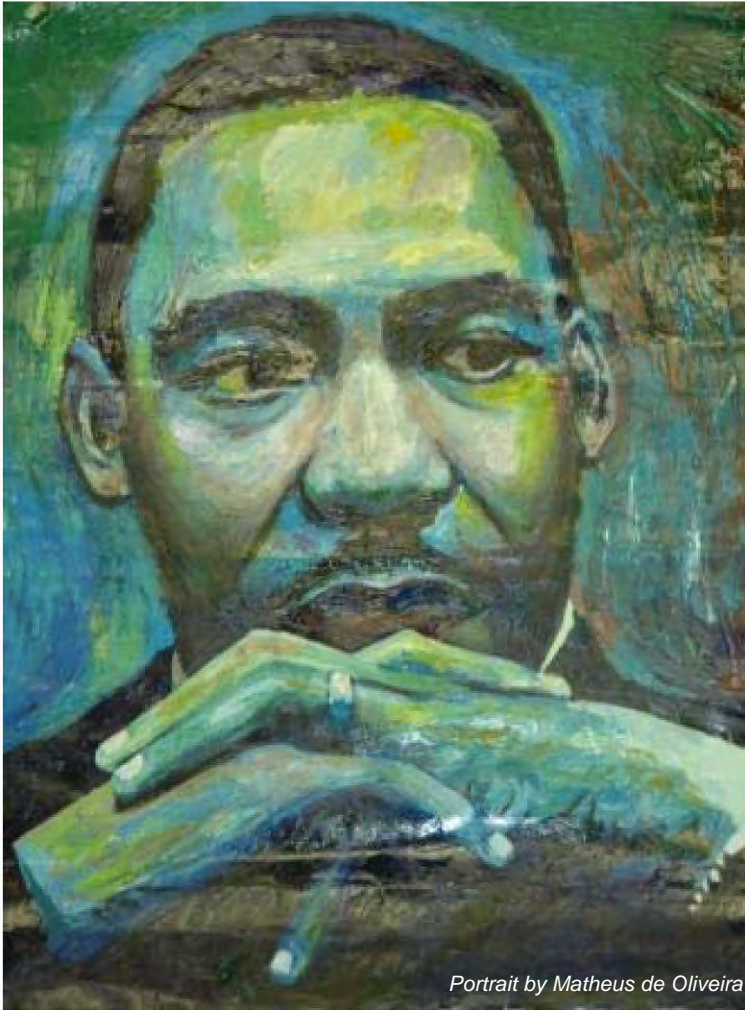
John Randolph, director of the School of Public and International Affairs, reviewed the proposed elimination of the Environmental Design and Planning degree and the creation of two spin off degrees more appropriately named for the content areas. The Environmental Design and Planning degree was created more than 30 years ago as an umbrella degree serving several programs in the College of Architecture and Urban Studies. The college is proposing two new Ph.D. degrees: one will be titled Planning, Governance and Globalization and the second will be Architecture and Design Research. The EDP degree title would be phased out in coming years as existing students complete their degrees. A resolution approving the two spin-off doctoral programs was approved.

Diversity:

Ben Dixon noted that the university has just celebrated the first anniversary of the Principles of Community. He then reviewed the wide range of activities and presentations included in the first university wide celebration of legacy of Martin Luther King Jr. In addition to the keynote address of Reverend Jesse Jackson, there was a community breakfast featuring one of the Greensboro Four, a poster and essay context for elementary and middle school students, and a variety of service projects. The 9th Annual Diversity Summit culminated the week.

Other Resolutions:

The committee approved a resolution reappointing Michael Quillen and Richard Wolfe to the Virginia Coal and Energy Research and Development Advisory Committee.



Portrait by Matheus de Oliveira

*Inside
Virginia's Tech
first ever
University wide
Celebration Honoring
the Legacy of
Dr. Martin Luther
King, Jr.*

Presentation to the Academic Affairs Committee

Virginia Tech Board of Visitors

Monday, March 27, 2006

Quick Facts

- January 15, 2006 – January 21, 2006
- Unprecedented week-long Celebration featuring over twenty events
- Community wide focus
- Commemorative Poster designed by local Blacksburg resident
- All events were FREE to the public
- Truly a university and community wide effort

History behind the National MLK Holiday

- Initial bill to designate MLK holiday was first introduced in 1968. It was not until **1983** that the bill was signed into law, with the first observance taking place in 1986.
- The Commonwealth of Virginia did not embrace the idea of designating a holiday to honor Dr. King. When Virginia agreed to recognize the holiday, it was folded into the existing Lee-Jackson holiday.
- It would not be until **2000** that Virginia would recognize MLK as a separate state holiday. The observance of Lee-Jackson Day was held a few days prior to the MLK Day observance.



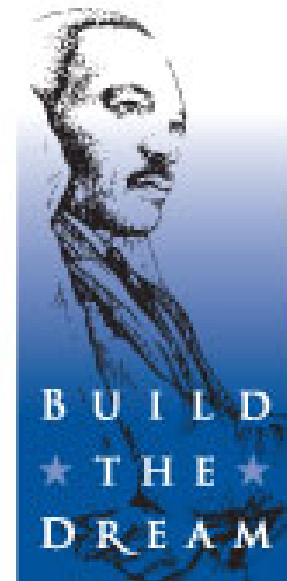
President Ronald Reagan signs legislation enacting the Martin Luther King, Jr. Holiday

MLK related policies at Virginia Tech

- VT first acknowledged the need to make accommodations for students observing the MLK Holiday in 1996 through Policy memo #163
- Efforts to make VT recognize the holiday with no classes started in 2002 through the Commission on Student Affairs. Through their efforts, the Academic Calendar was changed in Spring 2003 to reflect the MLK observance beginning with the 2005-06 school year

History of MLK Activities held at Virginia Tech prior to 2006

- Alpha Phi Alpha had coordinated a memorial program on the evening of the MLK holiday for a number of years (often a small event, not university wide)
- Diversity Summit first held on MLK holiday in 1998 and remained on the holiday until 2005
- In 2005, the DROP Alliance held protest teach-in's in the Black Cultural Center to express their discontent with classes being held on the MLK holiday



In 1998, Virginia Tech was instrumental in the development of the International Design competition for the National MLK Memorial. Groundbreaking on the Memorial is scheduled to begin in November 2006.

How did the first-ever University Celebration concept come about?

- In late Summer/early Fall, the Chair of the Commission on Equal Opportunity and Diversity (CEOD) posed the question about what was the University doing to commemorate the historic occasion of no classes being held for the first-time on the MLK holiday
- In discovering that there were no official University-wide plan in place, the Chair approached the Commission for their support to move forward in taking the lead in organizing a university and community wide effort for this occasion
- The Commission endorsed the recommendation, and an open meeting was held in early October to get university and community groups involved in the planning



Development of Celebration

- Small time frame (Oct – Dec)
- Resolution made at CEOOD for moving forward with the planning
- Open Meeting held, various groups came together
- Series of four planning meetings
- Development of Collaborations with number of entities throughout the university and local community
- Support from Office of Multicultural Affairs

University Involvement

- Commission on Equal Opportunity and Diversity
- Multicultural Affairs
- Student Affairs
- President's Office
- Pamplin College of Business
- Service Learning Center
- University Development
- Black Caucus
- Athletics
- *Student Groups*
 - NAACP, National Society of Black Engineers
 - African Student Association, Alpha Phi Alpha Fraternity
 - Black Business Council, Black Student Alliance



Community Involvement

- Montgomery County Public Schools
- Local Montgomery County – Radford City – Floyd County Chapter of the NAACP
- Human Relations Council



Keynote Speaker: Rev. Jesse Jackson

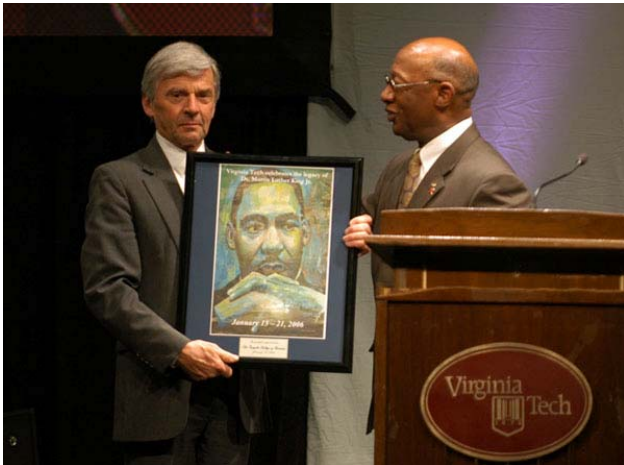
- Part of the University Kickoff Celebration
- Almost 3,000 in attendance (Burruss seats 2,990)
- Televised by UPN that evening (*video of speech now available for usage in classes*)
- Ticket requests from all across the Commonwealth and nearby states
- Tickets were free to the public
- Followed by Candlelight Vigil



Sponsors of the Rev. Jackson Visit



Doug Curling, President of Choicepoint is recognized by Dr. Dixon



Dean Sorensen is recognized by Dr. Dixon

- Special Thanks to Doug Curling and Choicepoint for helping to sponsor Rev. Jackson's visit. They covered the expenses for the visit.
- Initially, students in Alpha Phi Alpha, working through an agency had reserved Rev. Jackson
- However, Doug helped to secure and to finalize the details of the visit
- Staff from the Pamplin College of Business (Sam Albimino, and Dean Sorensen) were pivotal in helping throughout the process

Community Breakfast

- **Franklin McCain**, one of the Greensboro Four, was the major speaker for the first-ever Community Breakfast held on MLK Day
- Over 300 in attendance
- Winners of the first ever Poster and Essay Contest were recognized
- Modeled after similar efforts throughout the country
- Event was free to the public



Major Speaker



- **Carl Mack**, Executive Director for the National Society of Black Engineers
- Spoke to audience of about 200 people in Haymarket
- Mr. Mack stressed the parallels of today's civil rights struggles with the message that Dr. King was advocating and teaching
- Well-received by the students and community members

Poster and Essay Contest

- First ever Poster and Essay Contest within the Montgomery County Public Schools
- Support from all levels including the Superintendent, local Principals and teachers
- 155 entrants in poster competition (open to Elementary and Middle school students)
- 15 in essay competition (open to Middle and High School Students)
- Tremendous response in short amount of time (about two week timeframe)



These student winners received Savings Bonds (funded by the local NAACP chapter) and were recognized at the Community Breakfast

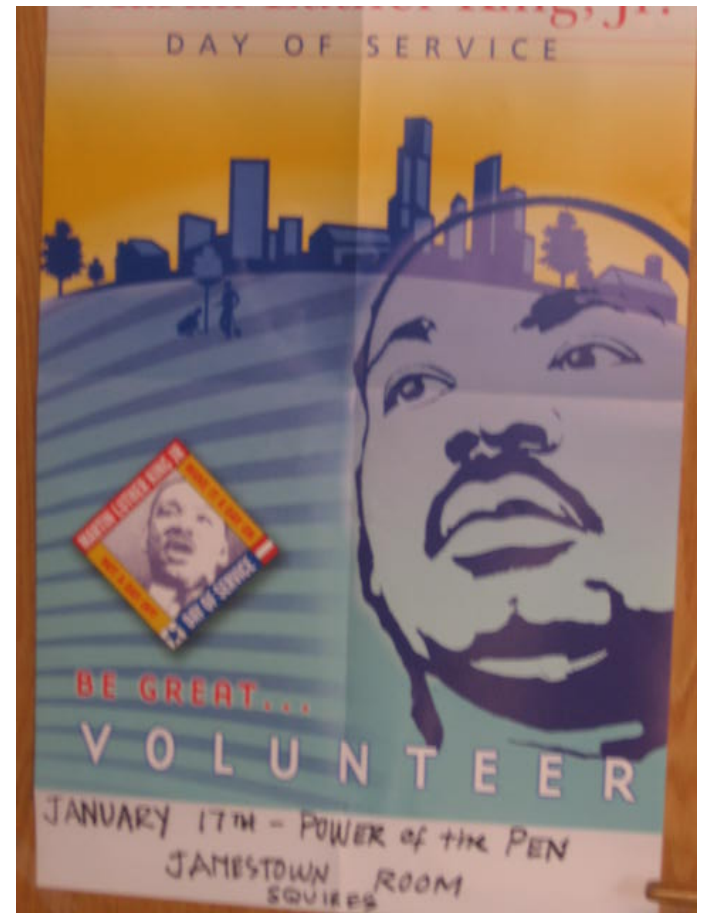
Athletic Involvement

- Collaborated with VT Athletics to showcase the MLK Celebration
- For the Men's Basketball game vs. UVA, almost every seat in Cassell Coliseum had a special brochure on it. The brochure focused on Dr. King as an athlete and highlighted the week's activities.
- For the Women's game vs. UVA, the brochures were made available (game conflicted with Rev. Jackson speech)



Service Projects

- From the beginning, it was clear that one of essential components of the celebration needed to include some type of community service.
- This would relate with the message from the King Center that focuses on the concept of “A Day On, rather than just a Day Off”.
- In working with this community service effort, we partnered with the Service-Learning Center and developed a series of opportunities for the community.
- Due to success of efforts, we have the opportunity to apply for national grants to support this service project effort in the future



Service Project Breakdown



From Tuesday thru Friday, we brought the projects to the campus. We had a room set-up in Squires where anyone could stop by and work on a project.

- Monday: Service Activity Kickoff. Worked with local agencies to identify projects. Students worked in a shelter in the Christiansburg area.
- Tuesday: Letter writing campaign (soldiers, nursing homes, hospitals)
- Wednesday: Creating English teaching books for the Somali Bantu refugees
- Thursday – Friday: Developing children's books for child survivors of violence in Uganda
- *Tremendous response overall, especially to Ugandan project (project now continued through various English classes)*

9th Annual Diversity Summit

- It was fitting the Diversity Summit served as the culminating event for the MLK Celebrations.
- We were finally able to fill-in the gaps needed to make the Summit a part of an overall effort
- Largest attendance participating at the Summit (balance across all levels faculty, staff and students)

Other Activities



Members of the AME Campus Ministry performing “Holding On” at the MLK Cultural Show

- *Teach-in/brown Bags* – focused on the Civil Rights Act (lead by the Black caucus)
- *MLK Cultural Show* – thirteen different groups performed items highlighting the memory of Dr. King
- *Movie at the Lyric* – partnered with the Black Student Alliance and the Lyric to show a special documentary on Dr. King that was open to the community

Other Activities

- *Poster Session on Diversity Research* – coordinated by the Diversity Committee in the College of Liberal Arts and Human Sciences, this was held before the Diversity Summit, and highlighted about twenty different projects
- *International Discussion on Dr. King* – focused on his influence in Africa and comparisons with Dr. Nelson Mandela

Why important?

- Part of the ongoing transformation of the university
- Part of commitment to the Principles of Community
- Sincere effort to improve image in a positive manner
- Trying to make a difference within the greater community

Looking ahead to Future Celebrations

- Celebration to become annual effort
- Planning already underway for the 2007 Celebration (reflection meetings held in February, and open call for university/community involvement will take place this March)
- The 2007 Celebration includes the 10th Annual Diversity Summit
- The Commission on Equal Opportunity and Diversity will continue to serve as the organizer/convener of the university effort with support of the Office of Multicultural Affairs
- Continued University and community support and potential for corporate support

*Please join us for the 2007 Celebration
Honoring the Legacy of
Dr. Martin Luther King Jr.*

January 14, 2007 - January 20, 2007

*Celebrating the Legacy of
Dr. Martin Luther King Jr.*



Monday, January 16, 2006
Burruss Hall Auditorium



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

January 16, 2006

In his most famous speech, Dr. Martin Luther King, Jr. proclaimed from the steps of the Lincoln Memorial, "I Have a Dream," an eloquent call for a future where races and cultures would exist harmoniously and as equals.

Virginia Tech, in its *Principles of Community*, declares: "We affirm the inherent dignity and value of every person and strive to maintain a climate for work and learning based on mutual respect and understanding." These principles, which are printed in your program, articulate and emphasize the value of diversity in the Virginia Tech community.

It is in this shared vision for dignity, justice, and respect for all that we celebrate Dr. King's birthday in collaboration with the local community with a week-long series of events, including the keynote presentation by the Reverend Jesse Jackson, who was Dr. King's associate and a world-recognized leader in his own right.

Beginning this year, our academic calendar has been revised to set aside this day without classes in honor of Dr. King and to renew and reaffirm our commitment to diversity and equality.

I also am pleased to note the involvement that our Washington-Alexandria Architecture Center had in organizing the very successful international competition for the Martin Luther King, Jr. Memorial, and the university's role in helping to establish the King Living History and Public Policy Center here in Virginia.

It is our sincere hope that these activities and events move us ever closer to Dr. King's dream.



--Dr. Charles W. Steger

President

PROGRAM

Welcome and Introductions	Ray Plaza Chair, Commission on Equal Opportunity & Diversity
Greetings from Alpha Phi Alpha	Richard Duncan Alpha Phi Alpha President
Recognition of Sponsors and College	Benjamin Dixon Vice President for Multicultural Affairs
Reading	Takiyah Nur Amin Instructor
Greetings and Introduction of President	Zenobia Lawrence Hikes Vice President for Student Affairs
Remarks	President Charles Steger
Performance "I Have a Dream"	David Sullivan Alpha Phi Alpha Fraternity, Inc.
MLK Memorial Project	Benjamin Dixon Vice President for Multicultural Affairs
Introduction of Speaker	Ian Ellis Alpha Phi Alpha Fraternity, Inc.
Keynote Address	Rev. Jesse Jackson Founder, President Rainbow/PUSH Coalition
Presentation	Ian Ellis Alpha Phi Alpha Fraternity, Inc. Lonnie Johns & David Jones Omega Psi Phi Fraternity, Inc.
Closing Remarks	Susanna Rinehart President, Faculty Senate
Unity Hymn "We Shall Overcome"	Everyone

*At the conclusion of tonight's program, you are invited to participate in a Candlelight Vigil.
It will begin in front of Burruss Hall, through the Drillfield,
and end in front of the War Memorial Chapel.*

“LET MY PEOPLE GO”
A Litany of Commemoration
The Reverend Martin Luther King, Jr.
January 15, 1929 – April 4, 1968

- LEADER: In the grand order of the universe, our Lord God wisely has chosen men and women to serve Him in each era. Such a servant of our Lord God was Martin Luther King, Jr., whose birth we now commemorate. We are thankful for the life of this 20th Century prophet of freedom, who joined the prophets of history in the cry:
- CONGREGATION: In the name of freedom, let my people go.
- LEADER: Martin Luther King, Jr. envisioned the ultimate freedom: the freedom achieved in struggle; the freedom achieved in brotherhood; the freedom fired by the dream of a man; the freedom inspired by the lot of the people; the freedom of hate; the freedom full of love
- CONGREGATION: In the name of freedom, let my people go.
- LEADER: He came into our lives when the yearning of people to be free had turned their attention to justice. For justice, and only justice, we shall follow, that we may live and inherit the land which the Lord our God gives us.
- CONGREGATION: In the name of freedom, let my people go.
- LEADER: He reminded us that the spirit of man soars from depths of despair with the strength and belief in the promise of the Creator of the universe. We know and we testify: The Lord loves justice; He will not forsake His saints.
- CONGREGATION: In the name of freedom, let my people go.
- LEADER: And so he set off with us on a journey for justice. It was a journey proclaiming the words of the ancient prophet Amos: “Let justice roll down like waters; and righteousness like a mighty stream.” It was a journey calling forth the modern Christian ministry – to feed the hungry, clothe the naked, to set at liberty those who are oppressed.
- CONGREGATION: In the name of the suffering people, let my people go.
- LEADER: The journey went to Montgomery, to affirm human dignity and courage; to Birmingham, to defeat the sickness of separating human life; to Selma, to ensure the equality of people in human affairs; to a hundred nameless communities, to remove painful shackles of oppression and light joyous torches of liberty.
- CONGREGATION: In the name of the journey toward freedom, let my people go.
- LEADER: When the war was encountered, the leader of this journey sang with the people: “Ain’t gonna study war no more,” When violence was met, he spurned it and said, “Hate is too great a burden to bear”
- CONGREGATION: In the name of peace, let my people go.
- LEADER: And even when death was confronted, as a journey reached Memphis, he could say in final triumph, that in life he found something worth dying for, something worth life itself-the Promised Land, a land of freedom and justice.
- CONGREGATION: In the name of the Promised Land, let my people go.
- LEADER: So we are thankful that the Spirit of the Lord anointed a man who preached good news to the poor, who rejected segregation and embraced liberation, who prophesied the greatness of his people in struggle for the deliverance of all people.
- CONGREGATION: In the name of the Spirit of the Lord, let my people go.
- LEADER: We praise the Lord God for sending us a man of peace who resisted tyranny, a man of nonviolence who fought for liberty, a man of God who worked for people. Thank you, Lord, for Martin Luther King, Jr., who inspired us with his dream, who walked into our lives and our hearts with his marches for justice, who demanded freedom with great courage in the face of grave danger, and who has now passed into your Promised Land. Thank you for his noble legacy to continue the journey to that land here on earth, in life for all people. Thank you, God; You have sent us one who now causes us to say:
- CONGREGATION: In the name of Martin Luther King, Jr., let my people go.

Keynote Speaker



The REVEREND JESSE LOUIS JACKSON, Sr.
Founder and President
Rainbow/PUSH Coalition, Inc.

The Reverend Jesse Louis Jackson, Sr., Founder and President of the Rainbow/PUSH Coalition, is one of America's foremost civil rights, religious and political figures. He has played a pivotal role in virtually every movement for empowerment, peace, civil rights, gender equality, and economic and social justice. He has been called the "Conscience of the Nation" and "the Great Unifier," challenging America to be inclusive and to establish just and human priorities for the benefit of all. He is known for bringing people together in common ground across lines of race, culture, class, gender and belief.

Born on October 8, 1941, in Greenville, South Carolina, Jesse Jackson graduated from the public schools in Greenville, then enrolled in the University of Illinois on a football scholarship. He later transferred to North Carolina A&T State University, and graduated in 1964. He began his theological studies at the Chicago Theological Seminary, but deferred his studies when he began working full-time in the Civil Rights Movement. Reverend Jackson received his earned Master of Divinity Degree in 2000.



Reverend Jesse Jackson began his activism as a student in the summer of 1960 seeking to desegregate the local public library in Greenville, and then as a leader in the sit-in movement. In 1965 he became a full-time organizer for the Southern Christian Leadership Conference (SCLC). He was soon appointed by Dr. Martin Luther King Jr. to direct SCLC's Operation Breadbasket program. In December of 1971, Reverend Jackson founded Operation PUSH (People United to Serve Humanity) in Chicago, IL. The goals of Operation PUSH were economic empowerment and expanding educational, business and employment opportunities for the disadvantaged and people of color. In 1984, Reverend Jackson founded the National Rainbow Coalition, a national social justice organization, based in Washington, D.C., devoted to political empowerment, education and changing public policy. In September of 1996, the Rainbow Coalition and Operation PUSH merged in the Rainbow/PUSH Coalition to continue the work of both approaches and to maximize resources.

Long before national health care, a war on drugs, direct peace negotiations between Palestinians and Israelis, ending apartheid in South Africa and advancing democracy in Haiti became accepted public policy positions, Reverend Jesse Jackson advocated them. Reverend Jackson's advocacy on these and other issues helped bring the American public to a new level of consciousness.

A hallmark of Reverend Jackson's work has been his commitment to youth. He has visited thousands of high schools, colleges, universities and correctional facilities encouraging excellence, inspiring hope and challenging young people to study diligently and stay drug-free.

Reverend Jackson's two presidential campaigns broke new ground in U.S. politics. His 1984 campaign registered over one million new voters, won 3.5 million votes, and helped the Democratic Party regain control of the Senate in 1986. His 1988, campaign registered over two million new voters, won seven million votes, and helped boost hundreds of state and local elected officials into office.

As a highly respected and trusted world leader, Reverend Jackson has acted many times as an international diplomat in sensitive situations. For example, in 1984 Reverend Jackson secured the release of captured Navy Lieutenant Robert Goodman from Syria, and the release of 48 Cuban and Cuban-American prisoners in Cuba. He was the first American to bring hostages out of Kuwait and Iraq in 1990. In 1999 Reverend Jackson negotiated the release of U.S. soldiers held hostage in Kosovo. He has traveled extensively in the Middle East and Asia, and was a special guest of President Fernando Cardoso of Brazil in honoring Zumbi, the leader of slave revolts that led to the end of slavery in Brazil.

A renowned orator and activist, Reverend Jackson has received numerous honors for his work in human and civil rights and for nonviolent social change. In 1991, the U.S. Post Office put his likeness on a pictorial postal cancellation, only the second living person to receive such an honor. He has been on the Gallup List of the Ten Most Respected Americans for more than a dozen years. He has received the prestigious NAACP Spingarn Award, in addition to honors from hundreds of grassroots, civic and community organizations from coast to coast. Reverend Jackson has received more than 40 honorary doctorate degrees, and frequently lectures at major colleges and universities. The most prestigious honor yet came on August 9, 2000, when President Bill Clinton awarded Reverend Jackson and other distinguished notables the Presidential Medal of Freedom, the nation's highest civilian honor. The Presidential Medal typifies a life of service and a concern for the least fortunate.

Reverend Jackson married his college sweetheart Jacqueline Lavinia Brown in 1963. They have five children: Santita Jackson, Congressman Jesse L. Jackson, Jr., Jonathan Luther Jackson, Yusef DuBois Jackson, Esq., and Jacqueline Lavinia Jackson, Jr.

The 2006 Dr. Martin Luther King, Jr. Celebrations at Virginia Tech

Sunday – 1/15/06

Community NAACP Event
3:30 – 6:00pm
Blacksburg Presbyterian Church

*VT v. UVA Men's Basketball Game**
4:00 – 7pm
Cassell Coliseum

Monday – 1/16/06

*Community Breakfast featuring
Franklin McCain*
8:00 – 10:00am
Commonwealth Ballroom
Squires Student Center

Service Activity Kickoff
12 Noon
Colonial Hall, Squires Student Center

*Kickoff/Featured Speaker:
Rev. Jesse Jackson*
7pm - 9pm
Burruss Hall Auditorium

Candlelight Vigil
Immediately following Kickoff
Drillfield area

*VT v. UVA Women's Basketball Game**
7pm
Cassell Coliseum

Tuesday – 1/17/06

Lunchtime Series of Speakers
12 – 1pm
Henderson Lawn

Service Activities
10am – 4pm
Jamestown Room, Squires Student Center

Speaker: Carl Mack
Executive Director, NSBE
7pm
Haymarket Theatre, Squires

Wednesday – 1/18/06

Service Activities
10am – 4pm
Jamestown Room, Squires Student Center

Brown Bag/Teach-in
12 – 1pm
Multicultural Student Center, Squires

*International Component of
Dr. King's Message*
4:00 – 5:30pm
Old Dominion Ballroom, Squires

Cultural Performance
7pm
Burruss Hall Auditorium

Thursday – 1/19/06

Service Activities
10am – 4pm
Norfolk Room, Squires Student Center

Brown Bag/Teach-in
12 – 1pm
Torgerson 100

Movie/Documentary on Dr. King
7pm
Lyric Theatre, Downtown Blacksburg

Friday – 1/20/06

Service Activities
10am – 4pm
Norfolk Room, Squires Student Center

Brown Bag/Teach-in
12 – 1pm
Multicultural Student Center, Squires

Poster Session on Diversity Research
2:00pm – 2:30pm
Owens Banquet Room

9th Annual Diversity Summit
2:30 -5pm
Owens Banquet Room

** MLK Items shared at event*

*For more information, please visit www.ceod.org.vt.edu or
Contact the Office of Multicultural Affairs at 231-1820*

University MLK Planning Committee

A special thanks to the following individuals and their respective organizations for their assistance and efforts in helping to make the first Virginia Tech Celebration honoring the legacy of Dr. King a reality.

Sam Albimino, Pamplin College of Business
Takiyah Nur Amin, Black Caucus
Susan Anderson, Mathematics
Sam Camden, Student Programs
Alicia Cohen, Office of Multicultural Affairs
Michele James-Deramo, Service-Learning Center
Ben Dixon, Vice-President for Multicultural Affairs
Ian Ellis, Alpha Phi Alpha Fraternity, Inc.
Zenobia Lawrence Hikes, Vice-President for Student Affairs
Chike Kakah, Alpha Phi Alpha Fraternity, Inc.
Bob Leonard, Theatre Arts
Perry Martin, Service-Learning Center
Dana McKenzie, Black Student Alliance
Kim O'Rourke, President's Office
Ray Plaza, Chair of the Commission on Equal Opportunity and Diversity
Tonya Smith-Jackson, Montgomery County-Radford City-Floyd County NAACP
Pierre Sooh, African Student Association
Jody Thompson, Office of Multicultural Affairs
Greg White, National Society of Black Engineers (NSBE)
Tasha Zephirin, National Society of Black Engineers (NSBE)

University MLK Sponsors

Commission on Equal Opportunity and Diversity
Office of Multicultural Affairs
Student Affairs
President's Office
Pamplin College of Business
Local Montgomery-Radford City-Floyd County NAACP
Student NAACP Chapter
VT Chapter National Society of Black Engineers (NSBE)
Alpha Phi Alpha Fraternity, Inc.
African Student Association
Black Student Alliance
Black Business Council
Pamplin Multicultural Diversity Committee
Black Caucus
Service-Learning Center
Omega Delta Gamma
University Development

Doug Curling and ChoicePoint for their generous sponsorship of Rev. Jesse Jackson.

Special thanks to Digital Print Center I, Event Planning, Production Services, UUSA Ticket Office, University Relations and the Montgomery County Public Schools



The Artist behind the Portrait

The artist behind the portrait of Dr. King is **Matheus de Oliveira**. He is a local Blacksburg resident and his mom is Lia de Oliveira, owner of Lia's Hair Styling in Downtown Blacksburg.

Matheus graduated in 2001 from Blacksburg High School. He is currently taking classes at New River Community College. He will be transferring to Virginia Tech in Fall 2006, where he plans to study Computer Science. He picked up painting as a hobby and did this portrait of Dr. King in 2002. The actual portrait consists of acrylic paint on poster board. It was initially displayed at home and at his mom's workplace.

We are pleased to highlight and recognize Matheus's work as the image for the first commemorative poster for the Virginia Tech MLK Celebration.



**ALPHA PHI ALPHA FRATERNITY
THETA IOTA CHAPTER**

While this 2006 MLK Celebration marks the first University-wide effort, the University acknowledges and recognizes Alpha Phi Alpha for keeping Dr. King's memory alive through their annual memorial celebration on MLK Day. Dr. King was a fellow brother of Alpha Phi Alpha. Today the entire University and local community joins together with Alpha Phi Alpha in helping to honor Dr. King.

LOCAL HISTORY

On January 6, 1973, Alpha Phi Alpha Fraternity, Inc. came to Virginia Tech and on January 29, 1973 the Theta Iota Chapter was established and chartered by a group of ambitious Black men known as the Fine Nine. The Fine Nine included: Anthony Dennis Crisp, Darrell Anthony Givens, Clarence Linwood James, Jr., Jerry Nathaniel Johnson, James Kirkpatrick III, Lewis Anthony Marshall, Ronald Sinclair Robinson, Warren Carlton Rodgers Jr., and James Earl Williams. This chapter quickly arose to the challenges of being the first Black Greek organization on the campus of Virginia Tech and created a strong brotherly bond that still pervades of ranks. The expansion of the Theta Iota Chapter continued on December 7, 1991 when three young men from Radford University crossed into Alphadom in an intake class of six. This would eventually lead to the Theta Iota Chapter of Alpha Phi Alpha Fraternity Inc. to be recognized as a new organization on the campus of Radford University on April 17, 1992. Since then many Radford men have continued to develop the tradition of a unified joint chapter with their brothers at Virginia Tech.

Since 1973, the Theta Iota Chapter has had the privilege of having 210 men cross into Alphadom. These men have carried on the tradition set by past Alpha's by adhering to the Fraternity Motto: Manly Deeds, Scholarship, and Love for All Mankind. The Theta Iota Chapter has set precedence at Virginia Tech and Radford University with being identified as leaders in community service and campus activities. Some of the chapters recurring projects include: Sphinx Reading Program, JDC (Juvenile Detention Center), Nursing Home Visitations, Adopt-A-Highway, Voter Registration Drives, Dr. Martin Luther King Jr. Memorial Service, Alpha Banquet and Ball, Miss Egyptian Goddess Pageant.

Through the various projects, Theta Iota has gained the respect of the university community and Alphadom. The Theta Iota chapter has always been a prestigious and competitive chapter which has resulted in winning and receiving numerous awards and honors. Theta Iota's greatest achievement came in 1981 as Alpha Phi Alpha National Collegiate Chapter of the Year.

Though it is nice to receive attention for service, all Alpha Chapters take greater pride in being part of a strong service organization which holds as its slogan: FIRST OF ALL, SERVANTS OF ALL, WE SHALL TRANSCEND ALL.

NATIONAL HISTORY

Alpha Phi Alpha, the first intercollegiate Greek-letter fraternity in the United States established for men of African descent, was founded at Cornell University in Ithaca, New York on December 4, 1906. It was founded by seven exemplary college men who recognized the need for a strong bond of Brotherhood between African Americans. The visionary founders, known as the Jewels of the Fraternity, are: Henry Arthur Callis, M.D., Charles Henry Chapman, Ph.D., Eugene Kinckle Jones, George Biddle Kelley, Nathaniel Allison Murray, Robert Harold Ogle, and Vertner Woodson Tandy.

Today, Alpha Phi Alpha continues its commitment to the African American community through the Fraternity's Education and Building foundations, which provide scholarships to outstanding students and shelter to underprivileged families. The Fraternity also has dedicated itself to training a new generation of leaders with national mentoring programs and partnerships designed to ensure the success of our children and youth.

*A special thanks to ChoicePoint
for its support
of the diversity efforts
of Virginia Tech
and today's appearance by
the Rev. Jesse L. Jackson Sr.*



We gratefully acknowledge the continuing support of Douglas C. Curling, a graduate of Virginia Tech, who is President, Chief Operating Officer and Director of ChoicePoint.



Washington D.C. Martin Luther King, Jr. National Memorial

WWW.BUILDTHEM.DREAM.ORG

1. Why build a Memorial to Dr. King?

More than a monument to a great humanitarian, the National Memorial honoring Dr. Martin Luther King, Jr. will be a place for visitors from all over the world to be energized by its extraordinary power; the power that illuminated the faith of our founders and now impels us toward our destiny as a nation; the power flowing from the uniquely American spirit of brotherly love, freedom, justice, and the priceless blessing they endure...peace.

2. Why build the Memorial now?

Dr. King once reminded the nation of "the fierce urgency of now" while warning against "the tranquilizing drug of gradualism." The time is now a historical perspective. Many young people have heard of Dr. King, but are unaware of the significance of his contributions to America and the world. The design has been established; the site is secured; the fundraising teams are already at work; and a portion of the \$100 million campaign goal has been raised. The time is now.

3. What will the Memorial look like?

The Memorial is conceived as an engaging landscape experience to convey three fundamental and recurring themes throughout Dr. King's life – democracy, justice, and hope. Natural elements such as the crescent-shaped-stone wall inscribed with excerpts of his sermons, and public addresses will serve as the living testaments of his vision of America. The centerpiece of the Memorial, the "Stone of Hope", will feature a 30-foot likeness of Dr. King.

4. When will the Memorial be completed?

The groundbreaking is scheduled for 2006 with a goal of dedicating the Memorial in 2008.

5. How much will the Memorial cost?

It is estimated that the total cost of the project will be \$100 Million dollars. Of that amount, \$53 Million has been raised to date.

7. What can I do to help?

Individuals as well as corporations can add their financial support to this effort. Contributions, large and small, are needed to attain our goal of \$100 million dollars. Spread the word to your friends, neighbors and acquaintances that they may make donations to this worthy cause.

**Washington DC Martin Luther King Jr. National Memorial
Project Foundation, Inc.
401 F Street, NW, Suite 334
Washington, DC 20001**

*Alpha Phi Alpha will be coordinating
the MLK Memorial fundraising efforts at
Virginia Tech.*

We Shall Overcome

(Traditional)

1. We shall overcome. We shall overcome.
We shall overcome someday.

Chorus:

Oh deep in my heart
I do believe
We shall overcome some day

2. We'll walk hand in hand. We'll walk hand in hand.
We'll walk hand in hand someday.

Chorus:

Oh deep in my heart
I do believe
We shall overcome some day

3. We shall live in peace. We shall live in peace.
We shall live in peace someday.

Chorus:

Oh deep in my heart
I do believe
We shall overcome some day

We Shall Overcome is sung with joined hands (right over left)

We Shall Overcome

(Traditional)

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We shall overcome some day

We Shall Overcome is sung with joined hands (right over left)

Virginia Tech Principles of Community

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world community. Learning from the experiences that shape Virginia Tech as an institution, we acknowledge those aspects of our legacy that reflected bias and exclusion. Therefore, we adopt and practice the following principles as fundamental to our on-going efforts to increase access and inclusion and to create a community that nurtures learning and growth for all of its members:

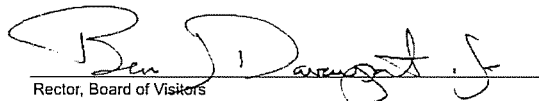
We affirm the inherent dignity and value of every person and strive to maintain a climate for work and learning based on mutual respect and understanding.

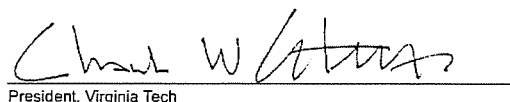
We affirm the right of each person to express thoughts and opinions freely. We encourage open expression within a climate of civility, sensitivity, and mutual respect.

We affirm the value of human diversity because it enriches our lives and the university. We acknowledge and respect our differences while affirming our common humanity.

We reject all forms of prejudice and discrimination, including those based on age, color, disability, gender, national origin, political affiliation, race, religion, sexual orientation, and veteran status. We take individual and collective responsibility for helping to eliminate bias and discrimination and for increasing our own understanding of these issues through education, training, and interaction with others.

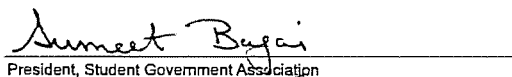
We pledge our collective commitment to these principles in the spirit of the Virginia Tech motto of *Ut Prosim* (That I May Serve).

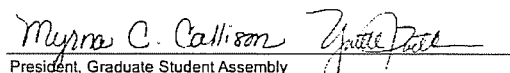

Rector, Board of Visitors

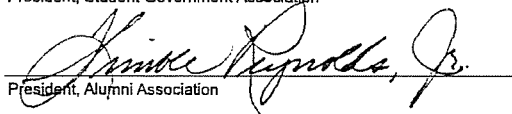

President, Virginia Tech


President, Faculty Senate


President, Staff Senate

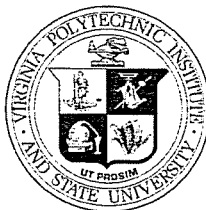

President, Student Government Association


President, Graduate Student Assembly


President, Alumni Association


Chair, Commission on Equal Opportunity and Diversity

March 14, 2005



Virginia Tech celebrates the legacy of
Dr. Martin Luther King Jr.

January 15 – 21, 2006

PROPOSAL TO ESTABLISH A SCHOOL OF CONSTRUCTION

Background:

The proposed School of Construction is an outgrowth of discussions over more than two years between faculty in the Department of Building Construction and the Vecellio Construction Engineering and Management Program. The primary participating departments and colleges are the Department of Building Construction in the College of Architecture and Urban Studies and the Via Department of Civil and Environmental Engineering in the College of Engineering. Other departments or units, particularly the Pamplin College of Business, will be encouraged to participate in the School and ensure that activity crosses traditional boundaries to include all involved academic disciplines.

Justification for Creation of a School:

The principal justification for the establishment of a School of Construction at Virginia Tech is based on three overriding factors

First: It is a diverse industry.

Construction is a broad and diverse industry that does not rely on one particular academic discipline for the development of technical and managerial leadership. The proposed School of Construction makes it possible for programs and curricula in construction at Virginia Tech to span traditional boundaries (particularly those between architecture and engineering) and reflect the diversity of talent required for success in an industry that encompasses the facility life cycle, includes a complex supply chain and covers many sectors of the economy.

Second: It is a multi faceted subject.

Construction education and research is a broad and multi faceted subject that cannot rely on one particular academic discipline to develop and deliver world class education, research and outreach programs. The proposed School of Construction establishes a mechanism for faculty and students to work beyond their traditional boundaries and share in learning environments, research programs and academic life without the constraints and preconceptions of traditional departments.

Third: It unites strength to build significance.

The Department of Building Construction enjoys peer recognition as among the best construction programs based in Architecture. The Vecellio Construction Engineering and Management Program also enjoys acceptance among the best Civil Engineering based programs. Bringing two programs of this nature together in the proposed School of Construction will create a unique organization that spans the traditional academic disciplines of Architecture and Engineering. It will establish a new standard for construction education, research and outreach, confirm our reputation for innovation and creativity and place Virginia Tech among the undoubted top two or three programs in the world.

Mission:

The School will provide a unified identity for excellence in construction education, research and outreach within Virginia Tech, to the academic community and to the construction industry.

-

Our students will come first

We will educate inquisitive values-based leaders, thinkers, and integrators able to succeed in all sectors of our industry by providing an education founded on technical, managerial, and practical knowledge.

- We will cross boundaries

We will provide a critical mass of faculty and students to work across traditional boundaries and share learning environments, research, and academic life without the constraints and preconceptions of traditional departments.

- We will value discovery

Our learning environments and research will be based on the needs of our industry, our communities and our society, without compromise in creativity and technical quality.

- We will shape our community

We will partner with our industry to be the benchmark provider of knowledge and leadership and make construction a career of first choice.

Goals and Objectives:

- **Research and Scholarship**

The School will enhance Virginia Tech's stature as an internationally recognized university for research and scholarship. It will provide a broad base for competitively awarded research, and improve the rankings of graduate programs by establishing a coordinated faculty group that supports research and scholarship across the breadth of technical and managerial skills needed in a diverse and competitive construction industry.

- **Graduate Education**

The School will administer and coordinate existing graduate degrees in construction (M.S. and Ph.D.) on behalf of the Department of Building Construction and the Via Department of Civil and Environmental Engineering, and will seek to establish a new Ph.D. degree in Construction.

Graduate degrees will share a uniform structure with different lists of preparatory and required courses depending on the student's undergraduate background and college affiliation. The student application review process will be centralized with students advised by faculty according to their research interests, degree requirements and undergraduate background.

- **Undergraduate Education**

Students wishing to obtain an undergraduate degree in construction at Virginia Tech currently register in the College of Architecture and Urban Studies and obtain a BS degree in Building Construction (BS BC) or in the College of Engineering where they use the flexibility in the civil engineering curriculum to obtain a BS degree in Civil Engineering with coursework in construction.

The School will seek to establish and obtain ABET accreditation for a new BS degree in Construction Engineering and Management (BS CEM) The existing BS in Building Construction degree will work in tandem with the proposed BS CEM degree and enable

Virginia Tech to recruit engineering students who wish to focus their careers in construction. The two undergraduate degrees will ensure that Virginia Tech is able to prepare students for success in the construction industry regardless of whether their backgrounds are in building construction or engineering, and will increase the number of graduates entering the industry.

Students seeking the BS in Building Construction will be admitted through the College of Architecture and Urban Studies as at present and will complete the established and well recognized BS BC curriculum. Students seeking the proposed BS Construction Engineering and Management will be admitted through the College of Engineering and will complete a curriculum that includes the equivalent of five BC courses as capstone studio classes shared with BS Building Construction students. These capstone studio classes will use innovative methodologies to maximize learning, build appropriate skills in leadership, teamwork, and communication and ensure that construction students at Virginia Tech are prepared for success in an industry that does not rely on one particular academic discipline for the development of technical and managerial leadership.

The administration of the BS Civil Engineering degree and its various tracks remains in the Via Department of Civil and Environmental Engineering. The two undergraduate construction degrees - BS Building Construction and BS Construction Engineering and Management - will be administered by the School of Construction on behalf of their respective departments and colleges.

- **Outreach**

The School of Construction will unite skills and talents in the Department of Building Construction, the Vecellio Construction Engineering and Management Program and other academic disciplines to establish a broad basis for outreach activity. It will work in close association with industry to develop, maintain and promote an active and relevant outreach program.

Benefits Sought:

Benefits sought by creating the School of Construction as a new organizational structure at Virginia Tech fall under four headings. These are:

- **Unified Identity**

The School will provide a unified identity for construction education, research and outreach within Virginia Tech, to the academic community and to the industry. It will span traditional boundaries and develop synergies that cannot be achieved if the Department of Building Construction, the Vecellio Construction Engineering and Management Program and other academic units involved in construction operate as independent or informally aligned units. Its faculty and its various activities will reflect the diversity of talent and technology needed for leadership in the industry.

- **Faculty Synergy**

The School will bring together faculty from participating departments or units who choose to align themselves with the vision, values and mission of the School. Faculty will have the opportunity to participate in the School via selection and appointment as either primary, core or affiliate faculty.

- **Balanced Excellence**

Virginia Tech is a Land Grant University with clearly stated missions in education, research and outreach. The unified identity and synergies brought about by the establishment of the School will enable it to seek and achieve an international reputation for excellence in all three mission areas.

- **National Stature**

The fact that the School will have a unified identity that includes all involved academic disciplines, the synergy between faculty and the breadth of programs offered will enable the School to recruit the very best faculty and students and improve the quality of the experience they enjoy at Virginia Tech. The School will be the first of its kind in the United States, establish a new paradigm for construction education, research and outreach, and be the constant beacon for innovation and excellence.

Proposed Organizational Structure:

The School will be jointly housed in the College of Architecture and Urban Studies and the College of Engineering. The School will be administered by the Director who will have formal reporting ties to the deans of both colleges. Faculty will be comprised of Primary Faculty with positions and reporting responsibility in the School, Core Faculty with tenure lines in their respective departments, and Affiliated Faculty from related academic disciplines.

The School will have an Internal Advisory Committee that includes the deans of both colleges, the heads or designates of the participating departments, and selected representatives of other departments/schools/programs on the Virginia Tech campus that have significant ongoing activities related to construction. The director and associate director will be ex-officio members of the Internal Advisory Committee which will be chaired by one of the deans.

Operating Budget:

The School of Construction will receive funding from three sources:

1. New operating funding provided by the university at a level of \$250,000 per year with funds available from August 2005 onwards to permit planning and cover initial costs. Of these funds, \$50,000 will be from College of Architecture and Urban Studies, \$100,000 from College of Engineering and \$100,000 from the Office of the Provost.
2. Interim gift funding from two founding gifts at a level of \$500,000 per year with funds conditional on the establishment of the School and available from August 2006 onwards until replaced by permanent endowment income.
3. Income from permanent endowments commencing no later than August 2010 to replace interim gift funding and provide permanent endowment income at an equivalent level as that provided by the interim gift funding.

Program Priorities:

Faculty in the Department of Building Construction and the Vecellio Construction Engineering and Management Program have met as a group and have sought input from a preliminary external advisory board to establish the following six priorities for the building and development phase for the School:

1. Coordinate existing graduate degrees in construction.
2. Propose and establish a new BS degree in Construction Engineering and Management, and coordinate undergraduate education in construction.
3. Propose and establish a new interdisciplinary Ph.D. degree in Construction.
4. Establish three centers of excellence that characterize and form the philosophical foundation for the School: Values-based leadership, Excellence in creative learning environments and research, and Integrating and sustaining the built environment.
5. Support and develop synergy with the Center for Innovation in Construction Safety and Health.
6. Expand outreach activities in partnership with industry.

Projected Number of Construction-Related Degrees to be Awarded and Administered by the School, and by the Department of Civil and Environmental Engineering:

Degree		Estimated number of Degrees awarded				
		05/06	06/07	07/08	08/09	Onwards
1	BS Building Construction	36	39	46	51	55
2	Proposed BS Cons Eng Mgt (CEM) *			40	40	40
3	BS Civil Engineering with an emphasis on construction courses	55	65	55	55	50
4	M.S. Building Construction	9	9	10	11	12
5	M.S. Civil Eng with an emphasis in construction	15	12	14	15	15
6	Proposed Ph.D. in construction*			3	4	4
7	Ph.D. Civil Eng with an emphasis in construction	2	2	3	3	3

*These two degree proposals have not yet been reviewed and approved by university governance.

RECOMMENDATION:

That the proposed School of Construction be approved and the organizational change forwarded to the State Council for Higher Education for review and approval.

Bachelor of Arts in Humanities, Science, and Environment (HSE)

Overview:

Scientists and policy analysts maintain that the 21st century will be the “environmental century.” The directions humanity takes will be crucial vis-à-vis sustaining biodiversity, ocean fisheries, agricultural productivity, fresh water availability, and other natural resources. Education is crucial in preparing students to respond to environmental challenges at both global and local levels. University curricula, in particular, can provide a broad body of knowledge and train students to play innovative roles in this regard.

Environmental professionals and scholars must be knowledgeable about the multifaceted nature of environmental issues, have the training to communicate effectively, and be able to work well in collaborative settings. An interdisciplinary approach to the scientific, technological, and socio-cultural dimensions of the issues can provide the requisite knowledge and skills.

The proposed B.A. in Humanities, Science, and Environment offers students such an approach by drawing on disciplines in the humanities, social sciences, and natural sciences. Housed in the Department of Science and Technology in Society in the College of Liberal Arts and Human Sciences, pedagogical emphasis will be on understanding the role of science and technology in shaping the interactions between people and environment. What has been the impact of technological developments on the environment? How can technology be used to address problems? In what ways does scientific knowledge shape public understanding of the issues? What is the role of scientists in environmental policy-making? Knowledge of these dimensions of science and technology will be complemented through students exploring humanistic perspectives—such as the role of cultural beliefs, religion, literature, and ethics in expressing and shaping the human-nature relationship.

Degree Requirements:

The range of required courses and electives in the HSE degree proposal provides breadth and depth of learning. A balance between courses in the humanities, social sciences, and natural sciences will draw out the fundamental connections among these areas, pertaining to human-environment interactions. Requiring that students go beyond introductory level coursework ensures a depth of knowledge and skills that can move them successfully from this program into environmental careers or graduate work. The HSE degree draws on faculty and courses, from many departments within a number of colleges, to provide a truly interdisciplinary curriculum.

The major components of the HSE 120-hour program are:

University Core Requirements:	15 hours ¹
Requirements in Science and Technology in Society:	15 hours
Humanities Foundation Requirements: ²	15 hours

¹ Not otherwise met by courses within major. Overall, university core requirements total to 36 hours.

Social Science Foundation Requirements:	12 hours
Social Science Selections:	12 hours
Natural Science Foundation Requirements:	12 hours
Natural Science Selections:	12 hours
Communications Requirements:	6 hours
Free Electives:	21 hours
Total Credits Required:	120 hours

Because of overlap with the requirements of other degree programs, this major would also work well as a second major for students in a variety of other degree programs—for example, Biology, Political Science, and Geography.

Relationship to Other Environment-Related Undergraduate Degree Programs:

Virginia Tech has two strong environment-related undergraduate programs that are partners in HSE. These are: B.S. in Environmental Science, administered by the Department of Crop and Soil Environmental Sciences (CSES), which requires substantial science coursework and preparation, and the B.S. in Environmental Policy and Planning (EPP), administered by the School of Public and International Affairs, which provides students with a policy approach to environmental issues. The proposed B.A. degree fills an important and complementary niche in the environmental offerings at Virginia Tech without duplicating existing environmental programs at the University.

What additionally makes the HSE degree program unique is its home in the Department of Science and Technology in Society (STS). The graduate program of STS is among the top, and most visible, in the country. The STS program at Tech, itself interdisciplinary, offers a diverse set of resources for the creation of the proposed program. For 25 years, STS has been building collaborative relationships across campus. This experience, which has been focused on the development of the graduate program, will be drawn upon in the establishment of the HSE undergraduate degree.

Academic Goals for Students:

The pedagogical goal of this program is attaining knowledge about the interaction of human societies and natural systems. The proposed degree offers students a rounded perspective by drawing on the humanities, social sciences, and natural sciences. Housed in STS, pedagogical emphasis will be on understanding the role of science and technology in shaping the interactions between people and environment.

Some key issues of student learning are summarized in the following major themes:

- The role of science and technology in shaping the relationship between people and environment
- The impact of technological developments on the environment
- The potential and limits of technology to address environmental challenges
- Scientific knowledge and the public understanding of environmental issues

² Outside of STS

- The roles of science in policy-making
- The interaction of science and environmental advocacy
- The meaning(s) of sustainability in the 21st century

Knowledge of these dimensions of science and technology will be complemented through students exploring humanistic perspectives—such as the role of cultural beliefs, religion, literature, and ethics in shaping the human-nature relationship.

As a means of student assessment, and to facilitate the advising process, students will be required to create a portfolio of coursework projects and learned skills. The portfolio will be developed during coursework in the program and continuously updated. Examples of material to be included in the portfolio are class papers and presentations, reflective essays, book reviews, and special projects. In the portfolio, students will demonstrate progress and competence in the program's learning goals. The portfolio will be evaluated annually by faculty or the program director. The portfolio will be completed during the capstone course. It can be made available to prospective graduate programs or employers.

The capstone is envisioned as a project-centered course that will enable students to focus in depth on their main interest(s), to integrate what they have learned over the course of their study, to present their work in class for other students to learn from, and to work toward perfecting their visual, spoken, and written communication skills.

Types of Jobs for which Graduates will be Prepared

The program goal is to provide marketable skills, as well as an intellectual foundation, for successful environment-related careers or graduate studies. Upon completion of their undergraduate degree some graduates will enter the work force, while others will attend graduate school. The range of suitable jobs, or graduate programs, will depend on students' choices from the course options available to meet the degree requirement.

Through research into comparable degree programs across the nation, the faculty have found that the proposed degree prepares graduates for occupations in the following broad areas: education; environmental consulting; nongovernmental organizations; local or federal government; and private industry.

The environment-related job market is rapidly expanding, as education, the private sector, and the public sector join efforts toward a sustainable future. A publication of a non-profit organization, which helps place students and employees in environmental jobs, states: "As we enter the twenty-first century, over \$400 billion is spent worldwide annually on conservation and environmental protection, supporting hundreds of thousands of fascinating jobs" (Environmental Careers in the 21st Century 1999, p. ix).

As the number and complexity of environmental challenges grow, employers are seeking graduates with a well-rounded understanding of the issues, who are able to act as communicators across different fields and interest groups. A variety of employers in

the region (Map Tech Inc., Equal Exchange, Inc., Northern Virginia Regional Park Authority, and the Environmental Career Organization) have provided letters of support for the degree after examining the proposal.

Graduates of the program will also be well-prepared for graduate studies, should they choose to enter a Masters or Ph.D. program. Directors of graduate programs at several institutions (Cornell, MIT, and RPI) reviewed the proposal and provided letters of support attesting to the appropriateness and competitiveness of Virginia Tech graduates of this bachelor's program for entry into their graduate degree programs.

Program Resources:

Because the program draws on faculty and courses already present at Virginia Tech, new resources called for will be minimal. The proposed degree will not additionally burden the university's budget.

Benchmarks for Assessing the Program:

Several benchmarks will be used for evaluating the success of the program.

- Headcount of students enrolled: enrollment of at least 40 students in the major by target year;
- Number of students graduating: graduation of approximately 10 students per year, beginning five years from program implementation;
- Acceptance into graduate school: 45% are expected to enroll in graduate school within a year of graduation;
- Job placement rate: 45% of graduates are expected to attain employment in a degree-related position;
- 75% of employers hiring a program graduate will be satisfied or very satisfied with the student's preparation for entry-level employment; and
- Satisfaction of graduates with the program: 75% of graduates will be satisfied or very satisfied by the preparation provided in the degree program and their degree-related experience at Virginia Tech.

RECOMMENDATION:

That the B.A. in Humanities, Science, and Environment be approved and forwarded to the State Council for Higher Education for further review and approval.

PH.D. IN GEOSPATIAL AND ENVIRONMENTAL ANALYSIS

Overview:

The College of Natural Resources requests approval for a new Doctor of Philosophy (Ph.D.) degree program in **Geospatial and Environmental Analysis** to commence in Fall 2006. Geospatial research involves Geographic Information Systems (GIS), the Global Positioning System (GPS), remote sensing, and imagery analysis.¹ Environmental analysis in this program focuses on the complex interactions among people, nonhuman biota, and environmental conditions. This proposed doctoral program will combine cutting-edge training and research in the theory and application of geospatial science with environmental analysis to enhance research on a broad range of contemporary natural resource and environmental issues. Geospatial analysis is critical in pattern identification, modeling, and prediction. Consequently, it is essential for complex environmental research and natural resource management.

One of the great challenges of the twenty-first century is the sustainable management and conservation of natural resources. The management of natural resources, always a complex task, has become more difficult in recent times with the confluence of myriad forces, including growing populations, increasing consumption of resources, globalization of the economy and the environment, pernicious terrestrial and aquatic invasive species, declining fisheries, shrinking wetlands, and decreasing forest areas. In order to make appropriate decisions, public, non-governmental organization, and corporate decision makers must have the relevant analytical and technical skills. Successful decision making to manage and sustain renewable natural resources requires the application of geospatial analysis.

The proposed degree program will fulfill a critical current need in Virginia and the nation. It will be unique in its focus on the use of geospatial analysis for the sound management and productive use of renewable natural resources, enabling Virginia Tech to create and occupy a niche in geospatial education. The geospatial industry is one of the fastest growing segments of the United States economy and thus offers enormous potential for well-trained students. The increasing complexities and challenges involved in environmental management and natural resource use provide a particularly fruitful focus for geospatial research.

Admissions Criteria:

Students must have completed a master's degree from an accredited college or university by the time that they enter the program. Applicants should have an understanding of the fundamentals of both Geographic Information Systems and environmental systems as evidenced by either previous coursework or employment experience as determined by the Geospatial Program Committee.

Applicants must have a minimum 3.2 grade point average (on a 4.0 scale) for all courses taken as a graduate student and complete the General test of the Graduate Record Examination with a minimum combined score for verbal and quantitative of 1100.

¹ GIS takes data from a wide variety of sources both spatial and tabular, integrates them, allows an analyst to model spatial relationships, and finally presents results via cartographic and tabular products. GPS enables rapid field survey in support of spatial databases, database accuracy improvement and assessment, and tracking of moving objects. Remote sensing provides both current and historical data on spatial patterns via airborne and satellite sensors.

In addition, applicants are asked to supply: 1) three letters of reference, including at least two from former professors; 2) a sample of written research to enable the Geospatial Program Committee to evaluate an applicant's potential for research and writing ability; 3) a written explanation of the reason for applying to the doctoral program, including career objectives and likely main area of research for the dissertation; and 4) a personal vita or resume providing information on education, employment history, and professional activity.

Degree Requirements:

The doctoral program requires completion of 90 semester hours of graduate study, of which a minimum of 31 hours are devoted to required coursework, a minimum of 30 hours are devoted to Research and Dissertation, and the remaining 29 hours are devoted to either additional coursework, additional hours of Research and Dissertation, or any combination of coursework and Research and Dissertation.

The program has three areas of required coursework totaling 31 credits. The first is composed of required "Core Courses" consisting of 13 hours of classes that provide training in advanced research techniques, statistical and spatial analysis, and discussion of contemporary issues in GIS and remote sensing. The second area of coursework requires the selection of 12 hours of electives in geospatial classes involving both GIS and remote sensing. The third area involves 6 hours of classes from electives in environmental analysis.

Learning Outcomes:

Graduates will have achieved an advanced level of knowledge of geospatial analysis as applied to environmental and natural resource issues to enable them to be successful in finding employment in higher education, government, a non-government organization (NGO), or industry. Students will be competent to conduct independent scholarly and applied research, including the ability to devise a research plan, formulate a valid methodology, collect and analyze data, and produce scholarly research results of a quality suitable for journal submission and publication. They will be able to contribute to ongoing debates in both the scientific scholarly literature and public arenas.

Enhancing the analytical and problem-solving skills of students is a primary objective. Students will be able to think critically and independently. They will be able to provide a balanced and unbiased evaluation of natural resource and environmental issues using geospatial analysis and apply their knowledge to real-world situations. They will also be able to evaluate the validity of scientific reports.

In addition, students will understand sources of error in complex geospatial and environmental analyses and how to cope with such problems in research. They will also gain an appreciation of the scientific debates and ethical issues concerning the application of geospatial analysis.

Students' communication and instructional skills will have been improved from a variety of experiences, including oral defenses of the proposal and dissertation, numerous class presentations in courses taken, and serving as an instructor in either a classroom or laboratory.

Student learning and attainment will be assessed with several methods and at several levels. Grades are indicators of attainment in individual courses. Grade point averages are indicators of overall attainment within the formal course portion of the program. The qualifying examination required of all candidates for the degree will further assess attainment in the formal course

portion of the program. Students will be required to demonstrate, through the qualifying examination, an understanding of and the ability to apply the concepts taught in courses required in the program.

The required preliminary examination will evaluate the student's ability to formulate research plans and procedures as well as readiness to undertake original research. All dissertations are subjected to considerable scrutiny by a student's advisory committee. Dissertations are not accepted and students will not graduate until the members of the graduate committee judge that the dissertation is of high quality and reflects a high level of educational attainment in the field of study. Finally, the student must successfully defend his or her dissertation to the advisory committee. Combined, these measures represent a reliable and valid program for assessing student learning.

Benchmarks for Assessing the Program:

Several measures will be evaluated in determining the success of the proposed Ph.D. program. These include measures of *student quality*, *student enrollment*, *graduation rates*, *student satisfaction*, *peer-reviewed joint publications*, *employment of graduates*, *employer satisfaction*, and, longer term, *success of graduates* of the program.

The proposed Ph.D. program is expected to attract students with relatively high Graduate Record Examination (GRE) scores. The Geospatial Program Committee will examine records of this measure for all applicants and comparisons will be made to college-wide averages, with the expectation that this measure will match or exceed the College of Natural Resources college-wide averages.

Student demand for the program is expected to exceed capacity. A long-term enrollment goal of 20-22 doctoral students has been set; the program will admit a minimum of 5 students each year.

A successful program should have a high graduation rate. High graduation rates and appropriate time-to-graduation measures suggest that the enrollment criteria are suitable and that students are largely satisfied with the program. The goal for the program is to graduate an average of 4 doctoral students per year and have an average time-to-graduation of 3.5 years or less.

Student satisfaction will be assessed directly through a written exit questionnaire and an exit interview with the college Associate Dean for Research and Graduate Studies. Such interviews can result in constructive criticism and, often, practical ideas for improvement. As satisfaction can change with time and employment experience, follow-up contacts with graduates will be made approximately one year after graduation. A goal is to have 90 percent of the students indicate on the exit questionnaires that they were satisfied or very satisfied.

Evidence of Employer Demand:

Abundant evidence supports the view that the fields in geospatial analysis--Geographic Information Systems (GIS), the Global Positioning System (GPS), and remote sensing--are poised for continued, dramatic growth. Employment demand will be driven by two trends. First, ever-expanding employment at all levels of training in geospatial analysis creates the need for more faculty members in higher education to train those entering geospatial fields. Second, increasingly complex applications of geospatial analysis in an ever-widening range of fields,

including environmental analysis, will lead to more employer demand in federal, state, and local governments, private industries, and organizations. The U.S. Department of Labor has identified geospatial technology as one of the three most important “Emerging Fields” for the future of the U.S. economy. In addition, the proposal cites reports and newsletters documenting a large unmet need for faculty and trained researchers with a strong geospatial background.

Evidence of Student Demand:

Without advertising, the program has already drawn numerous inquiries from potential doctoral students interested in pursuing an interdisciplinary degree with a focus on geospatial analysis rather than a traditional disciplinary degree. In addition, responses from surveys of current master’s and doctoral students showed great interest and strong support for a program of this nature.

Evidence of State Demand:

A report by the Virginia Geographic Information Network (VGIN) revealed the extensive use of geospatial tools by Virginia’s agencies involved in natural resources. It identified 62 different geospatial applications, supported by 93 spatial data layers. The report clearly demonstrates the importance of geospatial analysis for managing the Commonwealth’s natural resources. In addition, Virginia is a major focal point for industry and commerce devoted to the acquisition, processing, analysis, and dissemination of geospatial data.

The full proposal contains letters of support from the Virginia Information Technologies Agency (Richmond), the U.S. Army Corps of Engineers Geospatial Coordinator, the Virginia Department of Forestry, the USDA Forest Service, Hancock Timber Resource Group, and the Department of Game and Inland Fisheries, and the Secretary of Natural Resources in the Office of the Governor.

Program Resources:

Virginia Tech has sufficient faculty employing geospatial analysis in teaching, research, and extension to support the proposed program. No new faculty resources will be required. The College of Natural Resources has pledged to provide ten graduate teaching assistantships to support the program. Additional sources of funding to support graduate students will be obtained from external grants procured by faculty involved in the program. Existing library, computer, and space resources are adequate to support the program.

RECOMMENDATION:

That the Ph.D. in Geospatial and Environmental Analysis be approved and forwarded to the State Council of Higher Education for further review and approval.

PH.D. IN RHETORIC AND WRITING

Overview

The PhD in Rhetoric and Writing will be offered through the Department of English in the College of Liberal Arts and Human Sciences. In this program, “Rhetoric” refers to the ways in which language facilitates thinking, knowing, negotiating, decision making, and acting in public, academic, and corporate settings. “Writing” is broadly conceived to include the technological means (digital as well as print) and communication practices (visual as well as written) by which people make meaning. As an integrated field of inquiry, Rhetoric and Writing poses new questions and generates unique knowledge regarding how we make and communicate meaning.

Through the complex and often difficult process of articulating our thoughts in writing, we learn the possibilities and limits of framing and thinking through a problem. The interrelationship of thinking, knowing, and communicating has been an object of study in both ancient Greek academies and in contemporary Western universities. A comprehensive approach to communication, borrowed from the Greek rhetorical tradition and integrated with current discoveries regarding writing and modern institutions, lends the basis for future research that poses meaningful questions, identifies patterns of information, produces knowledge, establishes best practices, and poses alternative solutions to communications challenges.

Rhetoric and Writing has emerged as an academic field in the past two decades for two main reasons, one theoretical and one practical. The theoretical reason, which derives from philosophy, is awareness that what constitutes “knowledge” is contingent and constructed through the mediation of texts. Even when data from laboratory experiments or calculations seems certain and fixed, researchers use texts to negotiate what questions are worth asking and how the findings are to be interpreted. As a result, there is new interest in how texts function in a variety of disciplines and human activities and new awareness of how central literate activity is to all human thought and action. The practical reason is the development of technology for use in everyday activities.

Industry and government have a huge need for writers who can make complex technology and information usable by ordinary people. As a result, undergraduate programs in writing have developed and flourished. Graduate programs are needed to prepare the faculty for these programs. In addition, all colleges offer undergraduate courses in composition. The teaching and administration of these programs requires faculty with specialized knowledge. The Rhetoric and Writing program at Virginia Tech integrates two academic fields: composition and professional and technical writing. At Virginia Tech, the composition program offers a robust program for training and mentoring graduate teaching assistants, and it custom publishes its own textbook. The professional writing program continues to grow with 90 students within the English major and 60 minors—significant growth since being established in 2003. Current graduate courses in composition and professional writing, now taught within the existing Master of Arts in English, will be part of the proposed curriculum. Eleven faculty specialize in Rhetoric and Writing, and other faculty in the Department of English will contribute substantially through their expertise in reading, writing, and analysis of texts and their humanities perspective on social problems. Affiliate faculty in various departments will create opportunities for interdisciplinary inquiry.

The proposed program establishes its niche among related programs nationwide in an emphasis on public discourse and problem solving. It brings the knowledge about academic

writing (from composition) and of corporate, governmental, and nonprofit writing (from technical and professional writing) to bear on public problems, such as transportation, the environment, the management of information, education, international relations, and distribution of resources. The program will be concerned with ways in which humanity can make sense of the wealth of information available and being discovered.

Expected Outcomes

The proposed program will prepare faculty to teach the writing courses required at nearly all universities and colleges, for the undergraduate writing majors at an increasing number of universities, and for graduate programs in Rhetoric and Writing. Some graduates may prefer research and writing positions in industry, government, and nonprofit organizations. Graduates selecting either academic or nonacademic employment will be prepared to conduct independent research.

Credit Hours Required

Degree requirements will include 60 hours of graduate coursework past the bachelor's degree plus 30 hours of research and dissertation. Of those 60 hours of coursework, up to 30 may be transferred from an appropriate master's degree. Because rhetoric and writing are inherently interdisciplinary, this program invites students to complete some courses in related fields, such as Language and Literature, Communication, Science and Technology Studies, Political Science, Human-Computer Interaction, and Engineering Education, as well as courses in preparing the future professoriate offered by the Virginia Tech Graduate School.

Admissions Criteria

We seek students for the degree program who have demonstrated interest in intellectual inquiry in Rhetoric and Writing; who have the ability to complete a doctoral program, especially the independent research of the dissertation; who are excellent writers; who have demonstrated the ability to achieve at the highest academic levels; who have the discipline to complete a rigorous program of study in a timely way; and who offer the promise of significant research.

To assess these qualities, we will require the following materials to support an application for admission:

- An academic writing sample of 15-20 pages.
- A statement of interests in pursuing the PhD and possible research interests.
- Three letters of recommendation from people who can assess the academic potential of the applicant.
- GRE scores on the general test. Because these scores are only one part of the application, we will not state a cut-off score. However, we will look for scores of 600 or better on the verbal and quantitative sections and a score of 5.0 or better on the analytical writing section. Students who present lower scores will have to offer proportionately stronger qualifications in other materials to compensate.
- Transcripts of undergraduate and graduate work completed. We will look for GPAs of 3.5 or better on undergraduate and graduate work.
- Minimum TOEFL score for international students of 213 (computerized).

If students are applicants for positions as Graduate Teaching Assistants, and if their native language is not English, we will conduct phone interviews to assess their ability to communicate effectively with undergraduate students. Students who do not qualify for teaching appointments may qualify for other support.

Evidence of Student Demand

A February 2006 survey of undergraduates and recent graduates from Virginia Tech with an emphasis in professional writing (70% majors in English or another communications field) revealed these results: Of 143 respondents, 45 (31%) indicated that they would be likely or very likely to pursue a PhD within the next 10 years; 69 (48%) declared that they would be interested or very interested in a PhD in Rhetoric and Writing; 89 (62%) would pursue a PhD in state; 66 (46%) would pursue the degree in Southwest Virginia. The degree appeals to students primarily because of interest in the field (38%) and for job opportunities in the corporate, nonprofit, and government realms (37%). Another indicator of demand is a series of phone and email inquiries about the program even though it has not been announced. One prospective student writes, "I have been hearing whispers and rumors of a potential Ph.D. in English program at Virginia Tech. I am VERY anxious to know if this is true, as VT would absolutely be #1 on my list in such a case...I have always loved the campus, the institution, and the people." Another writes, "I have been told that VT is planning to begin a Ph.D. program in composition and professional communication in the near future, and am interested in learning more about the plans for this program. I currently have an MA in English, and am interested in pursuing a Ph.D. while staying in the area (and at my current job)."

Evidence of Employer Demand

An academic job market survey conducted in the spring of 2003 revealed 118 jobs advertised nationally through the Modern Language Association (MLA) Job Information List (JIL) that named professional or technical communication as either a primary or secondary specialization (Rude and Cook, *Technical Communication Quarterly* 13.1, Winter 2004, 49–71). Of the jobs that named this field for the primary specialization (59), 42 (71%) were filled, 10 were unfilled, and 4 were pending at the time of the survey. Although 71% of the academic jobs were filled, only half of those were filled by people with degrees in either professional communication or composition and rhetoric. Other colleges had to fill their positions with people not particularly prepared for those positions. Thus, even with the expansion of universities granting doctorates, there is room for an additional degree-granting program.

The academic job market is even larger in composition. The MLA listed 169 positions in rhetoric and composition for 2001 (*ADE Bulletin* Spring 2002, p. 7). Every college and university in the nation includes courses in composition, ensuring that there will always be demand for faculty in that specialization. Although for several decades the number of PhDs in English has exceeded the demand for them, supply and demand in rhetoric and composition have been in balance. The Virginia Tech graduates will be competitive for composition positions in part because they offer the added value of preparation in professional writing.

Many jobs, especially those at smaller universities and colleges, ask for faculty who can teach some combination of professional writing *and* composition. Collaboration between Rhetoric and Writing faculty will position Virginia Tech to address this crucial yet overlooked disciplinary and professional need.

The PhD in Rhetoric and Writing in Context of Virginia Tech's Goals

The university's strategic plan calls for a strengthening of the humanities and social sciences and expansion of graduate programs in these fields. Rhetoric and Writing has been identified as one of the "signature areas" for investment by the College of Liberal Arts and Human Sciences. One of the discovery areas for the university is "social and individual transformation." The proposed PhD, with its emphasis on the way in which texts help to identify and prioritize social issues and provide methods for discovery of the information needed to make decisions, can contribute directly to the university's goals of understanding the means of social transformation.

Program Resources

The Ph.D. in Rhetoric and Writing will be the first doctoral degree for the Department of English. This degree represents a major new initiative for the department which has already made some investments of faculty positions and new appointments to prepare. As of fall 2006, there will be 11 faculty members in the department have primary specializations in Rhetoric and Writing. Several additional positions will be needed to support the program as it grows to full level in the coming years. In addition, a new doctoral program in a field without significant potential for graduate student support from sponsored research will necessarily require a substantial commitment of university-funded graduate assistantships. A total of 16 graduate teaching assistantships (GTAs) has been committed and will be phased in to support the program. GTAs will provide instruction for high demand undergraduate coursework in technical and business writing. These resource requirements have been clearly identified and are being considered as part of the university strategic plan update and future financial commitments.

RECOMMENDATION:

That the Ph.D. in Rhetoric and Writing be approved and forwarded to the State Council of Higher Education for further review and approval.

**REPLACEMENT OF THE PH.D. IN ENVIRONMENTAL DESIGN AND PLANNING WITH THE
PH.D. IN ARCHITECTURE AND DESIGN RESEARCH AND THE
PH.D. IN PLANNING, GOVERNANCE & GLOBALIZATION**

The Ph.D. in Environmental Design and Planning (EDP) program has existed as a cross-college program in the College of Architecture and Urban Studies for 30 years. During that time, the Environmental Design and Planning degree has grown not only in enrollment but also in specializations or streams as the College has become more diverse through restructuring. The EDP degree has been redesigned to recognize the changes in organizational structure and curriculum, and student needs. Two separate degrees will be created -- Architecture and Design Research, and Planning, Governance, & Globalization – and the EDP degree title will be phased out. There are several important reasons for redesigning the degree program:

1. The current college-wide Environmental Design and Planning program no longer conveys the breadth of Ph.D. programming in the College. It is outdated as an umbrella degree and no longer serves the students or the college well. It creates difficulty in recruiting students wishing to work in areas not conveyed by the degree name, and graduates have difficulty marketing themselves with this degree name.
2. The two “spin-off” degrees align with the newly created schools within the College of Architecture and Urban Studies that were developed as part of the recent college and university restructuring.
3. The interdisciplinary degrees address important goals in the University strategic plan to develop innovative interdisciplinary academic opportunities for faculty and students, and they strengthen the university’s overall capabilities in the applied social sciences. The Planning, Governance and Globalization track will contribute significantly to Virginia Tech’s efforts to stimulate new international strategic collaborations across colleges as articulated in the October 2004 University International Strategic Directions Plan.
4. The more targeted degree names convey emerging directions in planning and in international affairs, and in architecture and design research, which will put Virginia Tech at the forefront of academic programs in these areas.

Ph.D. in Architecture and Design Research

The School of Architecture + Design, founded in fall 2003, includes programs in architecture, industrial design, and interior design. The School’s three programs have teaching and research facilities in two locations within the Commonwealth: Blacksburg and Alexandria. The School also has a teaching and research facility in Riva san Vitale, Switzerland, at the University’s Center for European Studies and Architecture.

In the fall of 1999, the Department of Architecture (now the School of Architecture + Design) began offering an option in “Research in Architectural Representation and Education”, within the College’s EDP Program. As of fall 2004 there are 28 students enrolled in areas that will be included in the Ph.D. in Architecture and Design Research.

The construction of buildings in rapidly expanding cities in a global economy has become increasingly complex in design technology, building technology and social economic structure. Increased reliance on digital representation in the theories and practices of architecture, interior design and industrial design has created new areas of research and pressure to increase the supply of faculty in teaching and research positions. Changing processes in industrial design have created a demand for more industrial design research and potential collaboration with

public and private institutions. Consequently, the market for doctorates in architecture and design research is very strong.

At the same time, problems of urbanization, democratization, and non-sustainable practices in construction and industrial processes have not been resolved and there is a need for a new generation of scholars to help transform domestic and global trends toward more sustainable economic development and environmental protection.

The Ph.D. program in Architecture and Design Research intends to address these needs.

Degree Tracks within the Ph.D. in Architecture and Design Research

There are two major tracks within the Architecture and Design Research degree, each of which has topical areas. The requirements for the tracks vary slightly, but both provide significant flexibility for each student to develop a plan of study consistent with his or her academic goals. The two tracks are Architecture, and Design Research.

Architecture Track

The Architecture track includes Architectural Representation, Architectural History and Theory, Historic Preservation, and Computing and Representation; it accommodates students from the EDP program who have, up to now, been working with faculty in the School of Architecture + Design.

The Architecture track will share resources on the Blacksburg Campus and the Washington Alexandria Architecture Center in the National Capital Region. At the latter location, students have the best resources to develop their topics in architectural representation since they can make use of the many research libraries available in the Washington, DC area, including the Library of Congress, National Building Museum library, American Institute of Architects Library, CASVA, Smithsonian Institution, the Dumbarton Oaks Library and many privately owned architectural archives.

Design Research Track

The Design Research track builds on the former Environmental Building Science stream in the EDP, and accommodates former EDP students working with A+D faculty. This track is currently located at the Blacksburg campus and serves students exploring building sciences, industrial design, and interior design research. In this location students have the best resources to develop their topics in design research since faculty of Architecture + Design have established collaborative relationships with other university centers and institutions, including, among others, the Manufactured Housing Center and the Center for Housing Research. The College's Research and Demonstration Facility (RDF) provides physical research space for the Design Research track.

Admission to the Degree Program

The program is expected to seek and admit a highly selective group of students typically in the 60th percentile or higher of peer institutions based on GRE scores. Applicants will have master's degrees in closely allied fields, such as Architecture, Environmental Design, Building Science, Landscape Architecture, Architecture History and Theory, Interior Design, and Industrial Design. They must submit a portfolio and a 2,500 word statement of research.

Degree Requirements for the Ph.D. in Architecture and Design Research

The Graduate School requires each Ph.D. student to complete 90 semester hours of graduate study and dissertation.

All students, regardless of area of specialization, are required to complete a sequence of specific Architecture + Design Seminars. A yearlong seminar will focus primarily on epistemology and the nature of discipline and practice of architecture, viewed in the context of architecture and the allied fields. Students will also enroll in a continuing seminar course required every semester of residence. In these seminars, Ph.D. students, the School faculty involved with the graduate program, and possible guests present their own research for critical review and feedback. The Ph.D. students must also pass a test of reading ability in a foreign language related to their selected topics (native languages and English do not fulfill the requirement).

In addition, all students must complete a special Research Methods course organized by area of specialization. At the approval of the student's advisory committee the course may be also taken in the other area of specialization or outside of the school.

Academic Goals for Students

Graduates will be expected to demonstrate the following skills and forms of knowledge, including:

- Development of a strong knowledge base derived from core courses.
- Development of a strong knowledge base derived from specialization in one of the tracks and their topic areas.
- A working knowledge of quantitative or qualitative methods of research, as evidenced by successful completion of the required core course, satisfactory preparation of a research proposal for the dissertation, and satisfactory analysis of research findings in the dissertation.
- Strong writing skills, as evidenced by successful completion of seminar requirements, qualifying and preliminary exams, preparation of papers for professional meetings or publication, and completion of the dissertation.
- Strong verbal and public speaking skills, as evidenced by discussion participation in seminars, colloquium and class presentations, and paper presentations at professional meetings.
- Proficiency in a foreign language.
- Ability to design and implement a research project that culminates in the dissertation.
- Pedagogical skills, as evidenced by successful completion of the required core course and/or successful completion of classroom experiences under the tutelage of a faculty member for whom the student works as a teaching assistant.

Types of Jobs for which Graduates will be Prepared

The Ph.D. in Architecture and Design Research will enable students to pursue careers as faculty members, managers, research analysts, or practitioners in a variety of settings in the United States or abroad -- academic institutions, consulting firms and research institutions, small businesses and corporations; government agencies; nongovernmental and nonprofit organizations; and international organizations.

Virginia's central location in the Mid-Atlantic region permits Virginia Tech graduates to have easy access to many nonacademic employers who require the types of advanced analytical research skills provided by this degree. In addition, proximity to Washington, D.C. provides ready access to agencies such as the U.S General Services Administration, which is changing the course of Federal Architecture through Design Excellence.

Projected Benchmarks for the Proposed Program

The program's success can be measured by attaining the following benchmarks:

- Student recruitment, retention, completions and placement:
 - number of new admits/year: 20% of prior year FTE enrollment
 - average GRE scores of admits: average 1300 verbal + quantitative
 - GPA of new registrants: average 3.5 undergrad, 3.8 masters
 - number of graduates/year: 15% of FTE enrollment
 - time to degree completion: average 5 years FTE equivalent
 - placement of graduates: mix of academic, government, and executive positions
- Student participation in professional conferences and publishing
 - 50% of headcount students per year
- Student participation in research projects, scholarly projects, and academic publication activities
 - 60% of headcount students per year
- Collaborative faculty/student research projects, grant awards, and outreach projects
 - 10% of FTE enrollment
- Faculty productivity: research publications, grant proposals, grant awards, major conference presentations, invited presentations, significant commissioned reports, scholarly conference organization
 - 5% growth per year with involvement of Ph.D. students
- Program reputation, recognition, or ranking (should any such exercises be conducted and available)
 - Steady improvement

Ph.D. in Planning, Governance & Globalization

The second spin-off doctoral degree will be called **Planning, Governance & Globalization**. It combines current streams in Planning, and in Public & International Affairs, both administered by the School of Public and International Affairs. The new degree would continue the curricula of those two existing streams but rename them Urban and Environmental Design, and Governance and Globalization. The curricula are very flexible. Only three courses are required and students are given the opportunity to design their own specialization with their committee's oversight from the myriad of courses already offered in the school. No new or additional courses are required for this spin-off degree.

Global events since the end of the Cold War and the terrorist attacks of 11 September 2001 have fueled a growing demand for social scientists with a truly global perspective from government at all levels and from corporate and not-for-profit sectors. Globalization is restructuring economies, institutions, governments, cultures, and civil societies all over the world. As a result of those changes, effective governance is being redefined and redirected in the workplace, in the neighborhood, in municipal, county and state governments, in existing

nation-states, and in non-governmental organizations. Consequently, the market for doctorates in governance and globalization is very strong.

At the same time, problems of urbanization, democratization, and non-sustainable practices in land and resource use have not been resolved and there is a need for a new generation of scholars to help transform domestic and global trends toward more sustainable economic development, environmental protection, and social equity.

The Ph.D. in Governance and Globalization intends to address these needs.

Urban and Environmental Design Track

Ph.D. students currently working with faculty in the department of Landscape Architecture would be able to continue their programs within the Urban and Environmental Design track. Substantive areas included in this track include metropolitan development, community and economic development planning, international development planning, environmental planning and landscape analysis, transportation planning, and urban design and physical planning. There are currently more than 40 graduate-level courses offered to students each semester in these substantive areas providing a solid foundation for advanced graduate study. There are 32 students currently working with faculty in the School of Public and International Affairs or in Landscape Architecture who would transfer to the new track, including 25 in Blacksburg and 7 at the College's National Capital Region (NCR) center in Alexandria.

Governance and Globalization Track

There are two thematic areas in the Governance and Globalization track: governance, institutions, and civil society; and globalization, identities, security, and economies. The program will prepare students to confront the challenges caused by globalization to institutions of governance, to economies, and to civil society. The program will stress teaching and research about the emergent connections and contentions created by globalization among nation-states, transnational governmental and nongovernmental organizations, multinational corporations, and civil society. There are currently 12 students working in the public and international affairs stream of the EDP degree who would transfer to this track.

Admission to the degree program

The program is expected to seek and admit a highly selective group of students typically in the 60th percentile or higher of peer institutions based on GRE scores. Applicants will have master's degrees in closely allied fields, such as Planning, Landscape Architecture, Political Science, Sociology, International Relations, Geography, Economics, etc. Exceptionally qualified undergraduates will be invited to enter one of the graduate master's degree programs with an eye to proceeding directly to the Ph.D.

Degree Requirements

Each doctoral student must complete a minimum of 90 semester hours of graduate study and a dissertation. The curriculum of this proposed doctoral program will follow the flexible research-based program of the existing EDP degree by requiring a small core of courses and by offering two major tracks, as well as thematic areas under each track. The proposed Ph.D. will require a core course in theory, one in pedagogy, and 1-2 methods courses. The two tracks and thematic specializations are intended to be highly flexible, allowing individual students and their faculty committees to tailor the plan of study to the distinctive professional and scholarly expectations for each student.

A qualifying evaluation is completed within the first 24 credit hours and ensures that the student is making satisfactory progress toward the degree. At the completion of coursework, the student will undertake the “preliminary examination”, a formal assessment of the student’s preparedness to pursue advanced graduate research.

Within 60 days of passage of the preliminary examination, students must defend the dissertation proposal before his or her faculty advisory committee. Upon completion of the dissertation, the student must defend it before the committee.

Academic Goals for Students

Graduates will be expected to demonstrate the following skills and forms of knowledge, including:

- Development of a strong knowledge base derived from core courses, as evidenced by successful completion of the qualifying examination
- Development of a strong knowledge base derived from specialization in one of the tracks and their thematic areas;
- A working knowledge of quantitative or qualitative methods of research, as evidenced by successful completion of the required core course, satisfactory preparation of a research proposal for the dissertation, and satisfactory analysis of research findings in the dissertation.
- Strong writing skills, as evidenced by successful completion of seminar requirements, qualifying and preliminary exams, preparation of papers for professional meetings or publication, and completion of the dissertation.
- Strong verbal and public speaking skills, as evidenced by discussion participation in seminars, colloquium and class presentations, and paper presentations at professional meetings.
- Proficiency in a foreign language, if governance and globalization track or if appropriate to student’s dissertation.

Types of Jobs for which Graduates will be Prepared

The doctoral degree will enable students to pursue educational, management, research, community and public service, and business careers in the United States or abroad in government agencies, nongovernmental and nonprofit organizations, international organizations, such as the UN or World Bank, academic institutions, and small businesses and corporations.

Virginia’s central location in the Mid-Atlantic region permits Virginia Tech graduates to have easy access to many nonacademic employers who require the types of advanced analytical

research skills provided by this degree. Many of the largest sites for such nonacademic employment are, in fact, located in the Commonwealth itself, the District of Columbia or in the U.S.A.'s major eastern cities along the Atlantic from Boston to New York to Philadelphia to Miami. Graduates of this program can find employment in federal agencies, not-for-profit sector, and international organizations in and out of government.

Benchmarks for Assessing the Program:

The program's success can be measured by attaining the following benchmarks:

- Student recruitment, retention, completions and placement:
 - number of new admits/year: 15% of prior year FTE enrollment
 - average GRE scores of admits: average 1300 verbal + quantitative
 - GPA of new registrants: average 3.6 undergrad, 3.8 masters
 - number of graduates/year: 15% of FTE enrollment
 - time to degree completion: average 4.5 years FTE equivalent
 - placement of graduates: mix of academic, government, and executive positions
- Student participation in professional conferences and publishing
 - 50% of headcount students per year
- Student participation in research projects, scholarly projects, and academic publication activities
 - 60% of headcount students per year
- Collaborative faculty/student research projects, grant awards, and outreach projects
 - 10% of FTE enrollment
- Faculty productivity: research publications, grant proposals, grant awards, major conference presentations, invited presentations, significant commissioned reports, scholarly conference organization
 - 5% growth per year with involvement of Ph.D. students
- Program reputation, recognition, or ranking (should any such exercises be conducted)
 - Steady improvement

Resource Requirements:

No new resources are required to implement the two spin-off degrees since existing faculty, staff, and student resources are already committed in support of the existing EDP degree. However, both programs have potential for significant enrollment growth. Development of additional student funding is well underway and includes reallocation of GTA positions within the college, additional GTA positions obtained through the Graduate School PhD2010 initiative, sponsored projects, and development fund raising. Additional faculty lines will be needed to support growth in the National Capital Region, and these have been proposed as part of the Globalization initiative under consideration as part of the university strategic planning process.

RECOMMENDATION:

That the spin-off degrees, the Ph.D. in Architecture and Design Research, and the Ph.D. in Planning, Governance & Globalization, be approved and forwarded to the State Council of Higher Education for review and approval. The existing degree, Ph.D. in Environmental Design and Planning will be phased out.

**MEMBERSHIP OF THE VIRGINIA COAL AND ENERGY RESEARCH
AND DEVELOPMENT ADVISORY COMMITTEE**

The Virginia Coal and Energy Research and Development Advisory Committee was established in 1977 by the enabling legislation for the Virginia Center for Coal and Energy Research. The charter for the center requires approval by the Board of Visitors for new appointments and changes in the membership of the Advisory Committee.

Proposed continuing members of the Advisory Committee are Michael Quillen and Richard Wolfe.

Mr. Michael Quillen is President and CEO of Alpha Natural Resources in Abingdon, Virginia. He also serves as the Executive Vice President for Operations at American Metals and Coal International in Gate City, Virginia. Mr. Quillen is responsible for American Metals & Coal International throughout the world. The company is currently involved in operations in West Virginia, Kentucky, Pennsylvania, Colorado, Australia, and China.

Mr. Quillen is a registered professional engineer in Virginia, Kentucky, West Virginia, and Tennessee. He is also a licensed surface mine foreman as well as a licensed underground mine foreman. Mr. Quillen received his B.S. and M.S. degrees in Civil Engineering from Virginia Tech.

Dr. Richard Wolfe is presently the Chief Technical Officer of Eagle North American Corporation headquartered in Augusta, Georgia. He is responsible for all technical operations of the company. Dr. Wolfe is the president and founder of the Wolfe Engineering and Consulting Services, which he started in June, 1999 to provide technology support to local businesses in obtaining energy type contracts. He is also the owner of Wolf Creek Winery and Vineyards.

Dr. Wolfe has been awarded two patents on coal technology through the U.S. Patent Office. He has published over 100 scientific articles in various books and journals. He has also written a book, "History of the Coal Industry for the Past Century", which is in review as well as a selection of short stories and a novel.

Dr. Wolfe received his B.S. degree in Chemical Engineering from Virginia Tech and his M.S. and Ph.D. degrees in Nuclear Engineering from the University of Cincinnati. He did post graduate study at the Massachusetts Institute of Technology. Dr. Wolfe holds an honorary Sc.D. Doctor of Science from Emory and Henry College.

RECOMMENDATIONS:

That the Advisory Committee appointments of Michael Quillen and Richard Wolfe be renewed through 2010.

**MINUTES OF THE BUILDINGS AND GROUNDS COMMITTEE
OF THE BOARD OF VISITORS
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY**

March 27, 2006

The Inn at Virginia Tech and Skelton Conference Center

PRESENT

Board of Visitors Members:

Mr. John R. Lawson, II
Mr. Robert L. Freeman, Jr.

VPI & SU Staff:

Mr. Dennis C. Cochrane
Mr. William M. Elvey
Mr. Z. Scott Hurst
Mr. Kurt J. Krause
Ms. Elizabeth D. Reed

Guests:

Mr. Jerry Cain - Associate University Counsel
Mr. John Coates - Northern Virginia 4-H Center
Dr. Elizabeth A. Flanagan - Vice President for Development and University Relations
Mr. Vinod Ghoting - Virginia Tech Capital Design and Construction
Ms. Kellie Gleeson - Virginia Tech Student Government Association
Mr. Derek Jones - Virginia Tech Student Government Association
Mr. Hugh Latimer - Virginia Tech Campus Planning Architect
Mr. Allan W. Miller - Virginia Tech University Relations
Ms. Sarah Saxton - Virginia Tech Student Government Association
Dr. Charles W. Steger - President of Virginia Tech
Mr. James Tyger - Virginia Tech Student Government Association

ABSENT

Board of Visitors Members:

Mr. James W. Severt, Sr.

OPEN SESSION

Opening Comments: Mr. John Lawson called the meeting to order at 8:00 a.m. Mr. Freeman moved the Committee enter into Closed Meeting to discuss the acquisition, use, or disposition of real property, and potential litigation pursuant to §2.2-3711.3, Code of Virginia, as amended. The motion passed unanimously.

CLOSED MEETING

The Committee met in a Closed Meeting to discuss the acquisition, use, or disposition of real property. Mr. Severt moved the Committee be reconvened in Open Session at 8:50 a.m. The motion passed unanimously. The Committee members individually certified that, pursuant to §2.2-3712, the Closed Meeting was conducted in conformity with the Code of Virginia.

OPEN SESSION

- 1. Report of Closed Meeting:** Mr. Lawson reported that the Committee met in Closed Meeting to discuss acquisition, use, or disposition of real property. No actions were taken.
- 2. Approval of Minutes:** The minutes of the November 7, 2005 meeting were unanimously approved.
- 3. Capital Outlay Project Status Report:** The Committee reviewed the status of all capital projects in design, under construction, recently completed, and pending. The following eleven projects are in design: Building Construction Learning Laboratory, Classroom Improvements, Litton Reaves Exterior Structural Repairs, Southwest Campus Heating and Cooling System, Cowgill Hall HVAC and Power Upgrade, Henderson Hall Renovation, Surge Space Building, Burruss Hall Renovation, Agnew Hall Renovation, Aquatics & Fisheries Research Center, and the New Residence Hall. The following three projects are in the bidding process: ICTAS-I, Boiler Pollution Controls, and the Graduate School Facility. The following three projects are under construction: Lane Stadium Expansion-Phase II, Life Sciences-I, and the Addition to the Campus Chilled Water Plant. The following three projects have been recently completed: The Inn at Virginia Tech, Skelton Conference Center and Holtzman Alumni Center, Soccer/Lacrosse Complex, and Agriculture and Natural Resources Research. The Fine Arts Center project is pending.
- 4. Visual Arts Properties Committee:** The university has established a new Visual Arts Properties Committee that will advise the university administration regarding the acquisition and disposal of visual artworks and related matters, as well as the placement of public artwork on campus. This new committee

represents a merging of two former committees and Mr. Freeman has volunteered to serve as a Special Advisor.

- 5. Campus Master Plan Update:** The Committee was briefed on the current status of the Campus Master Plan. The plan will address future student indoor and outdoor recreational space, additional bike path circulation, vehicular circulation particularly around the Grove, and protecting the green space surrounding the Grove. The goal is to have the Campus Master Plan for full board approval in June 2006.
- 6. Resolution for the Virginia Department of Transportation Easement:** The Virginia Department of Transportation (VDOT) has requested the university grant a fifty foot (50') wide, two thousand one hundred forty-eight and sixty-nine hundredths feet (2,148.69') long roadway right-of-way, twenty-five feet (25') on each side of the centerline across the university property at the Northern Virginia 4-H Educational and Conference Center in Front Royal, Virginia. VDOT has also desires to acquire a twenty foot (20') wide, one hundred twenty foot (120') long drainage easement for the purposes of storm water drainage in conjunction with the aforesaid right-of-way. The Committee recommended the resolution authorizing the Vice President for Business Affairs to execute the right-of-way and drainage easement to VDOT for full board approval.
- 7. Resolution for the Blacksburg-Virginia Polytechnic Institute Sanitation Authority Easement and Temporary Construction Easement:** The Blacksburg-Virginia Polytechnic Institute Sanitation Authority has requested the university grant a two-thousand one hundred ninety and twenty-three hundredths (2,190.23') easement, twenty feet (20') on each side of the line and an additional forty foot (40') temporary construction easement across university property between Turner Street and West Campus Drive, southwest of Prices Fork Road. The right-of-way is needed for the purpose of constructing, installing, repairing, removing, altering, and maintaining public sewer facilities. The Committee recommended the resolution authorizing the Vice President for Business Affairs to execute the easement to the Blacksburg-Virginia Polytechnic Institute Sanitation Authority for full board approval.
- 8. Resolution for A&N Electric Cooperative Easement:** Due to a fire the university is renovating the farm manager's residence at the Eastern Shore Agricultural Research and Extension Center in Painter, Virginia. To extend underground electrical service to the eastern side of the building, A&N Electric Cooperative has requested the university grant an easement fifteen feet (15') wide. The Committee recommended the resolution authorizing the Vice President for Business Affairs to execute the easement to A&N Electric Cooperative for full board approval.

- 9. Tour of Lane Stadium:** Mr. Kurt Krause, Vice President for Business Affairs, led the Committee on a tour of the Stadium Expansion Project-Phase II. This project involves the construction of a 165,000 SF addition to the West Stands of Lane Stadium.

The meeting of the Buildings and Grounds Committee adjourned at 11:30 a.m.

Respectfully submitted,

Kurt J. Krause
Vice President for Business Affairs

**RESOLUTION FOR VIRGINIA DEPARTMENT
OF TRANSPORTION EASEMENT**

WHEREAS, by Quitclaim Deed dated February 13, 1976, Virginia Polytechnic Institute and State University acquired from the U.S. Department of Education through a public benefit conveyance approximately 229 acres of land located in the Town of Front Royal, Virginia (hereinafter "Property"); and,

WHEREAS, this Property is the site of the Northern Virginia 4-H Educational and Conference Center; and,

WHEREAS, Virginia Department of Transportation desires to acquire a fifty foot (50') wide two thousand one hundred forty-eight and sixty-nine hundredths feet (2,148.69') long right-of-way, twenty-five feet (25') on each side of the centerline, for the purposes of improving and maintaining a roadway across real property of Virginia Polytechnic Institute and State University at the Northern Virginia 4-H Educational and Conference Center in Front Royal, Virginia; and

WHEREAS, Virginia Department of Transportation desires to acquire a twenty foot (20') wide one hundred twenty feet (120') long drainage easement for purposes of storm water drainage in conjunction with the aforesaid right-of-way; and,

WHEREAS, said right-of-way and drainage easement would constitute an easement comprising approximately 2.498 acres of real property at the Northern Virginia 4-H Educational and Conference Center, and

WHEREAS, said right-of-way and drainage easement is more particularly described on plat prepared by Dodson Surveying, Inc. and titled "New 50' Easement for V.D.O.T. Roadway Maintenance & Drainage Easement," dated January 31, 2003; and

WHEREAS, said right-of-way is described as follows: Beginning at a point in the centerline of Moore Road, State Route 602, a 30 foot prescriptive right-of-way, and the intersection of 4-H Drive, and being the northerly most point of herein described new 50 foot easement; thence, leaving said centerline of said Moore Road and running with said centerline of 4-H Drive, S11°39'06"W for 58.86 feet to a point; thence, with a curve to the left having a radius of 206.84 feet, an arc length of 225.19 feet, a chord distance of 214.43 feet, and a chord bearing of S20°07'27"E to a point in said centerline; thence, S42°26'45"E for 180.21 feet to a point in said centerline; thence, with a curve to the right having a radius of 258.01 feet, an arc length of 389.35 feet, a chord distance of 353.44 feet, and a chord bearing of S10°45'40"E to a point in said centerline; thence, S32°27'22"W for 50.51 feet to a point in said centerline; thence, with a curve to the left having a radius of 270.70 feet, an arc length of 197.65 feet, a chord distance of 193.29 feet, and a chord bearing of S9°03'25"W to a point in said centerline; thence, S5°01'54"E for 115.13 feet to a point in said centerline; thence, with a curve to the right having a radius of 429.24 feet, an arc length of 346.08 feet, a chord distance of 336.78 feet, and chord bearing of S8°49'56"W to a point in said centerline; thence,

S31°18'55"W for 220.81 feet to a point in said centerline; thence, with a curve to the right having a radius of 227.69 feet, an arc length of 225.71 feet, a chord distance of 216.58 feet, and a chord bearing of S49°04'44"W to a point in said centerline; thence, S79°17'07"W for 27.53 feet to a point in said centerline; thence, with a curve to the right having a radius of 785.23 feet, an arc length of 111.66 feet, a chord distance of 111.57 feet, and a chord bearing of S76°26'18"W to a point in said centerline at the end of said easement, and being subject to all easements and restrictions of record; and

WHEREAS, said drainage easement is described as follows: Beginning at a point in the center of a 50' Easement for V.D.O.T. Roadway Maintenance at the end of a curve to the right having a radius of 227.69 feet, an arc length of 225.71 feet, a chord distance of 216.58 feet, and a chord bearing of S49°04'44"W; thence leaving said center of 50' Easement, S0°00'55"W for 60.00 feet to a point; thence, N89°59'05"W for 20.00 feet to a point; thence, N 0°00'55"E for 120.00 feet to a point; thence, S89°59'05"E for 20.00 feet to a point; thence, S0°00'55"W for 60.00 feet to a point and place of beginning; and,

WHEREAS, Virginia Polytechnic Institute and State University desires to grant said right-of-way and drainage easement to Virginia Department of Transportation;

NOW, THEREFORE BE IT RESOLVED, that the Vice President for Business Affairs be authorized to execute a right-of-way and drainage easement to Virginia Department of Transportation in accordance with applicable procedures pursuant to the Code of Virginia, Section 23-4.1.

RECOMMENDATION:

That the above resolution authorizing the Vice President for Business Affairs to execute the right-of-way and drainage easement to Virginia Department of Transportation be approved.

**RESOLUTION FOR BLACKSBURG-VIRGINIA POLYTECHNIC INSTITUTE
SANITATION AUTHORITY EASEMENT AND
TEMPORARY CONSTRUCTION EASEMENT**

WHEREAS, Blacksburg-Virginia Polytechnic Institute Sanitation Authority has requested that the university grant a two thousand one hundred ninety and twenty-three hundredths foot (2,190.23') easement, twenty feet (20') on each side of the line and an additional forty foot (40') temporary construction easement, twenty feet (20') on each side of the permanent easement, for the purposes of constructing, installing, repairing, removing, altering and maintaining public sewer facilities over and upon real property of Virginia Polytechnic Institute and State University; and

WHEREAS, said easement would constitute an easement extending approximately 1,373 feet comprising approximately 2.02 acres on real property located between Turner Street and West Campus Drive, southwest of Prices Fork Road; and

WHEREAS, said easement is more particularly described on drawings prepared by Olver Incorporated dated June 2005, Job No. 10729.17; and

WHEREAS, Virginia Polytechnic Institute and State University desires to grant said easement to Blacksburg-Virginia Polytechnic Institute Sanitation Authority;

NOW, THEREFORE BE IT RESOLVED, that the Vice President for Business Affairs be authorized to execute an easement to Blacksburg-Virginia Polytechnic Institute Sanitation Authority in accordance with applicable procedures for said easement pursuant to the Code of Virginia, Section 23-4.1.

RECOMMENDATION:

That the above resolution authorizing the Vice President for Business Affairs to execute the easement to Blacksburg-Virginia Polytechnic Institute Sanitation Authority be approved.

RESOLUTION FOR A&N ELECTRIC COOPERATIVE EASEMENT

WHEREAS, A&N Electric Cooperative desires to acquire an approximate fifteen foot (15') easement, seven and one-half feet (7 1/2') on each side of the line, for the purposes of constructing, installing, operating, and maintaining an underground line with accessories and appurtenances for transmitting and distributing electric power under, upon and across real property of Virginia Polytechnic Institute and State University; and

WHEREAS, said easement would constitute an easement extending approximately two hundred thirty-four feet (234') comprising approximately 0.09 acre of real property located at the Eastern Shore Agricultural Research and Extension Center in Painter, Virginia, and

WHEREAS, said easement is more particularly described on drawings prepared by A&N Electric Cooperative dated September 2, 2005 and attached hereto as Exhibit A; and

WHEREAS, Virginia Polytechnic Institute and State University desires to grant said easement to A&N Electric Cooperative;

NOW, THEREFORE BE IT RESOLVED, that the Vice President for Business Affairs be authorized to execute an easement to A&N Electric Cooperative in accordance with applicable procedures for said easement pursuant to the Code of Virginia, Section 23-4.1.

RECOMMENDATION:

That the above resolution authorizing the Vice President for Business Affairs to execute the easement to A&N Electric Cooperative be approved.

**MINUTES OF THE FINANCE AND AUDIT COMMITTEE
OF THE BOARD OF VISITORS
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY**

March 27, 2006

FINANCE CLOSED SESSION

PRESENT:

BOARD OF VISITORS: Mr. Ben Davenport, Dr. Hemant Kanakia, Mr. Jacob Lutz, Mr. Thomas Robertson, Mr. Philip Thompson

VPI&SU STAFF: Ms. Kay Heidbreder, Mr. James Hyatt, Mr. John Rudd, Mr. Dwight Shelton, Dr. Lisa Wilkes

FINANCE CLOSED SESSION: The Committee met in Closed Session to review and take action on the quarterly personnel changes report and the bonuses for the ACC Championship Game and the Toyota Gator Bowl.

FINANCE OPEN SESSION

PRESENT:

BOARD OF VISITORS: Dr. Hemant Kanakia, Mr. Jacob Lutz, Mr. Thomas Robertson, Mr. Philip Thompson

VPI&SU STAFF: Mr. Mel Bowles, Mr. Bob Broyden, Mr. Al Cooper, Mr. John Cusimano, Dr. David Ford, Ms. Kay Heidbreder, Mr. Larry Hincker, Mr. Tim Hodge, Mr. James Hyatt, Ms. Heidi McCoy, Mr. Ken Miller, Mr. Mark Owczarski, Ms. Rachel Potters, Ms. Elizabeth Reed, Mr. John Rudd, Ms. Kathy Sanders, Mr. Dwight Shelton, Dr. Raymond Smoot, Dr. Lisa Wilkes, Ms. Linda Woodard

GUEST: Mr. Greg Esposito, Roanoke Times

1. APPROVAL OF ITEMS DISCUSSED IN CLOSED SESSION:

The Committee reviewed and took the following actions on items discussed in closed session: ratified the Personnel Changes Report, ratified the contractual bonuses for the 2006 Toyota Gator Bowl, and approved the bonuses for the ACC Championship game and the non-contractual Gator Bowl bonuses.

2. APPROVAL OF MINUTES OF THE NOVEMBER 7, 2005 MEETING:

The Committee reviewed and approved the minutes of the November 7, 2005 meeting.

ITEMS PRESENTED TO THE FULL BOARD FOR APPROVAL

3. ADOPTION OF CONTRACT APPROVAL RESOLUTION:

A recent revision of the Virginia Conflict of Interests Act authorizes the Board of Visitors to permit Virginia Tech to contract with an employee who has a personal interest in the contract, provided that the contract is for research and development or commercialization of intellectual property, and also authorizes the Board of Visitors to delegate the authority to approve such contracts. At the November meeting, the Committee reviewed a resolution delegating to the University President authority to approve contracts with an employee who has a personal interest in the contract provided that the contract is for research and development or commercialization of intellectual property, subject to the requirements contained in the resolution. The Committee amended the resolution to include a quarterly reporting, rather than an annual reporting, to the Board of Visitors and subsequently approved the amended resolution and recommended it to the full Board for approval. The resolution was also reviewed by the Academic Affairs Committee, which requested complete documentation of the process before considering approval of the resolution. With agreement from the Finance and Audit Committee and the Academic Affairs Committee, the full Board approved the amended resolution on an interim basis, deferring final approval until the March Board meeting. The Committee reviewed for final adoption the Contract Approval Resolution.

The Committee recommended the Contract Approval Resolution to the full Board for approval.

4. APPROVAL OF RESOLUTION REGARDING SUPPLEMENTAL RETIREMENT CONTRIBUTIONS FOR VRS PARTICIPATING FACULTY:

The Committee reviewed for approval a resolution regarding supplemental retirement contributions for Virginia Retirement System (VRS) participating faculty. Virginia Tech faculty have the option of participating in the VRS or the Virginia Tech administered Optional Retirement Plan (ORP). The Internal Revenue Code places an annual salary cap limiting the level of contribution which Virginia Tech may make to either plan. The Board of Visitors authorized Virginia Tech to make retirement contributions for ORP participants who earn in excess of the salary cap to either the Virginia Tech Select Plan or Virginia Tech Supplemental Plan, to the extent permitted by the Internal Revenue Code. The Committee reviewed for approval a resolution authorizing Virginia Tech to make retirement contributions for VRS participants who earn in excess of the salary cap to either the Virginia Tech Select Plan or Virginia Tech Supplemental Plan, to the extent permitted by the Internal Revenue Code and in the same manner

that contributions for ORP participants are made. Excess retirement contributions for VRS participants would be at the same percent of salary as the rate of contribution authorized by the General Assembly for OPR participants, which is currently 10.4 percent.

The Committee recommended the resolution regarding supplemental retirement contributions for VRS participating faculty to the full Board for approval.

ITEMS NOT PRESENTED TO THE FULL BOARD FOR APPROVAL

5. REPORT ON FACULTY TERM LIMITS:

At the November 2005 meeting of the Board of Visitors, the Finance and Audit Committee approved a resolution establishing term limits for employees with contracts. In response to a request made by the Committee at the November meeting, the Committee received a report on faculty term limits across the university.

6. REPORT ON ACCOUNTS RECEIVABLE BILLING, COLLECTION, AND WRITE-OFF PROCEDURES FOR THE EQUINE MEDICAL CENTER AND VETERINARY TEACHING HOSPITAL:

During the review of the report on write-off of delinquent accounts presented at the November 7, 2005 meeting of the Finance and Audit Committee, the members asked for a report on the receivable collection and write-off activities of the Equine Medical Center (EMC) and the Veterinary Teaching Hospital (VTH). In response to the Committee's request, it received a report which includes an overview of the procedures in place at both locations, as well as analysis of accounts receivable and write-off activities. The EMC and the VTH have established policies and procedures to effectively manage their receivables within the unique parameters of their business activities. The increase in fiscal year 2005 write-offs was due to an accumulation of amounts that could have been written off in prior years. While the EMC and the VTH have not seen a deterioration of their credit or collections activities, they do face service delivery issues and collection issues that are different than other units within the University. The Controller and the Vice President for Budget and Financial Management will continue to work with the administration of the EMC and the VTH to ensure annual write-offs are made on a consistent and timely basis and to assist each unit with collection processes as needed. The Committee commended the University on the good efforts in collection and write-off activities.

7. REVIEW OF SCHOLARSHIP PROGRAMS ACTION PLANS:

At the November meeting, the Committee received a report on the 2004-05 scholarship funds and the distribution of scholarships and grants awarded. The Committee expressed concern regarding the amount of available funds at year end and requested the University work with units to develop an action plan. The

University provided the Committee with a review of the scholarship programs action plans that have been developed. Plans were developed by college and senior management areas where scholarship funds are held. The plans outline how units will either utilize onetime awards or provide an increase in awards over the next several years to fully utilize the excess income in the accounts. Further, the plans also specify a dollar amount or a percentage of the income balance that will be maintained as a balance. Lastly, all plans return surplus income to the principal. The Committee requested that the University provide a report on the scholarship expenditure plans at the March 2007 meeting.

8. PRESENTATION OF UNIVERSITY'S ANNUAL FINANCIAL REPORT:

The Committee received an overview of the University's Annual Financial Report for the fiscal year ending June 30, 2005. The financial statements have been prepared in accordance with generally accepted accounting principles, and the Auditor of Public Accounts issued an unqualified (or clean) opinion.

The University had total revenues of \$800.7 million and total operating expenses of \$741.9 million resulting in an increase in net assets of \$58.8 million for fiscal year 2005. Total revenues increased by \$42.1 million or 5.5 percent over the previous year. The largest growth in operating revenues was in the Student Tuition and Fees category which increased by \$17.6 million from the prior year. Grants and Contracts revenues also continued to grow with an increase of \$13.5 million or 9.0 percent. Offsetting changes resulted in no growth for all other sources of revenues excluding operating revenues. Increases in State Appropriations to support salary and fringe benefits increases and partially restore prior years' funding reductions were offset by net decreases in capital appropriations and capital gifts. Total operating expenses increased by \$44.4 million or 6.4 percent in fiscal year 2005. The largest growth in expenses occurred in Instruction, which grew by \$14.1 million or 7.4%. Research expenses grew by \$9.9 million or 6.2% primarily due to the continued expansion of research programs at the Virginia Bioinformatics Institute, the Virginia Tech Transportation Institute, and new initiatives such as the Center for Advanced Separation Technology and programs in conjunction with the Institute for Advanced Learning and Research.

As of June 30, 2005, the total assets for the affiliated corporations were \$739.9 million. The Virginia Tech Foundation, Inc., the largest of the affiliated corporations, had total assets of \$728 million as of June 30, 2005, which was an increase of \$57.7 million over 2004.

9. REPORT ON THE 2006 LEGISLATIVE SESSION:

The Committee received a report on the results of the 2006 legislative session, including the Governor's Executive Budget as submitted on December 16, 2005. The report presents the major elements of the Executive Budget and General Assembly actions for the 2006-08 biennium. The General Assembly adjourned on March 11, 2006 without reaching agreement on a budget; it will reconvene in special session on March 27, 2006 to finalize the budget.

The Executive Budget included operating and capital budget recommendations for restructuring, enrollment and degree completion, student financial assistance, and operation and maintenance of new facilities. Further, as part of the Higher Education Research Initiative, the University received a one-time GF allocation of \$9.022 million to support the Host-Pathogen-Environment Interactions (HPEI) Program and one-time GF of \$8.795 million to support Advanced Biomaterials and Nanotechnology in 2006-07. Finally, the budget included funding for salary increases averaging four percent for teaching and research (T&R) faculty and three percent for administrative and professional (A/P) faculty, graduate teaching assistants, and part-time faculty. Likewise, funding is provided for a three percent increase for classified staff as of November 25, 2006.

The capital budget recommendations include: equipment for new facilities; supplement funding for existing projects; maintenance reserve funding (\$17.290 million for the biennium); funding for new E&G projects (\$89.5 million of new capital outlay including funding for the Campus Heat Plant, Liberal Arts Building Renovation, Institute for Critical Technology and Applied Science Phase II, Infectious Disease (NIH) Research Facility, Administrative Services Building and the New Visitors and Admissions Center); and funding for new auxiliary enterprise projects (\$48 million of NGF authorizations for residence and dining hall improvements, additional recreation, counseling and clinical space and an indoor athletic training facility).

Operating and capital amendments submitted for consideration by the General Assembly included: additional GF support for base budget adequacy; funding for extraordinary energy costs; funding for the critical staffing initiative; a funding increase for the Equine Medical Center; one-time funding for Agency 229 equipment; a language change on the mileage reimbursement rate; supplemental funding for existing capital projects; funding for the Davidson Hall Replacement Project; funding for a hazardous materials facility; and planning authorization for a Human and Agricultural Biosciences Building and the Sciences Research Laboratory Phase I.

House and Senate recommendations submitted for consideration included: support for salary increases; operating budget support; operating support for research; funding for research equipment; increased funding for the equipment trust fund; interest on sponsored programs and indirect cost recoveries; undergraduate and graduate student financial assistance; support for unique military activities; and support for Virginia Maryland Regional College of Veterinary Medicine from the Virginia Racing Commission. The dollar amounts for each of the recommendations are included in the report attached to the minutes, which provides a full overview of the 2006 Legislative Session.

10. UPDATE ON THE HIGHER EDUCATION RESTRUCTURING INITIATIVE:

The committee received an update on the status of the Restructuring Act and the University's Management Agreement. The report covers the inclusion of the provision for approval of the management agreements in the Governor's

Executive Budget issued December 16, 2005, and the subsequent decisions during the General Assembly session by both the House and the Senate to issue separate bills covering the entire text of the Management Agreement in lieu of the proposed language in the Budget Bill. The report describes the progression of those bills to their conclusion as legislation passed by the General Assembly and submitted to the Governor for his approval. The report also provides an overview of subsequent steps that the University will take to implement the Management Agreement as of July 1, 2006.

Attached to the minutes is the update on the Higher Education Restructuring Initiative.

ITEMS PRESENTED TO THE FULL BOARD FOR APPROVAL

11. DISCUSSION AND APPROVAL OF 2006-2007 TUITION AND FEES:

The Committee reviewed and took action on the 2006-07 tuition and fee recommendations. The legislative session has been extended. Since the 2006 General Assembly has not reconciled the difference between the House and Senate budget in time for the March Board meeting, maximum tuition rates are proposed. These rates are consistent with the range of rates specified between the University's six-year financial plan optimistic funding scenario (full General Fund support as defined by the Joint Subcommittee Base Budget Adequacy model) and the pessimistic scenario (no additional increase in General Fund support) and the need to address dramatic increases in energy costs that were not envisioned in the six year plans. In order to provide prospective students and families with timely information for planning, assumptions have been made about General fund support so that maximum rates can be established at this time. This makes it possible to continue the traditional schedule of bringing tuition and fee recommendations to the Board of Visitors at the March Board meeting. The Committee requested that the university make adjustments as may be needed to balance the university's budget should the outcome of the legislative session change significantly from the planning assumptions utilized to establish these rates.

The Committee recommended the 2006-07 Tuition and Fees to the full Board for approval.

12. APPROVAL OF 2006-2007 COMPENSATION FOR GRADUATE ASSISTANTS:

The Committee reviewed and took action on the proposed 2006-07 schedule of stipends for graduate students who work as graduate assistants (including graduate teaching assistants and graduate research assistants) while pursuing master's or doctoral degrees. To be competitive in the recruitment and retention of high quality graduate students, it is important for the University to provide compensation packages that are comparable with those offered by our peer institutions. The key components of the compensation packages are competitive stipends, tuition assistance, and health insurance.

For 2006-07, the University proposes to advance the stipend scale by continuing the previously approved November 2005 increase of 3.0 percent and by overlaying a 3.0 percent stipend increase that would normally be effective November 2006. In conformity with the treatment of stipend increases in prior years, the University would establish the effective date of the increases as August 10, 2006 rather than November 25, 2006 with an offsetting decrease to the stipend increase percentage. The shift to the beginning of the Fall academic term does not affect the total compensation for the graduate students; rather, it spreads the increase over the entire academic year.

To enhance the University's competitiveness in recruiting highly qualified graduate students, in 2001 the Board of Visitors approved a health insurance program as part of the graduate student compensation package for graduate students on assistantships. In 2005-06, the Board of Visitors authorized coverage of 70 percent of the annual premium for insurance obtained through the University. For 2006-07, the University proposes to continue to increase its support for the graduate health insurance program, in accordance with its strategic objectives, by moving the percentage of the annual covered premium cost from 70 percent to 75 percent.

The Committee recommended the 2006-2007 Compensation for Graduate Assistants to the full Board for approval.

13. APPROVAL OF YEAR-TO-DATE FINANCIAL PERFORMANCE REPORT
(JULY 1, 2005 – DECEMBER 31, 2005):

The Committee reviewed the Year-to-Date Financial Performance Report for July 1, 2005 – December 31, 2005. For the second quarter, all programs of the University were on target and routine budget adjustments were made to reflect changes in projected revenues and expenditures.

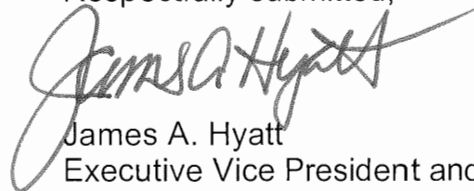
Tuition and fee revenue through the second quarter was higher than historical projections due to earlier collections and the timing of awards of unfunded scholarships. Revenue in All Other Income was higher than projected due to higher than projected revenues at the Equine Medical Center and Veterinary Teaching Hospital and increased programming revenues from continuing education courses. Total sponsored and overhead revenue and expenses were less than projected but expenditures are ahead of 2004-05 activity levels and the rate of growth in sponsored programs is increasing. Revenues are greater than projected in the Residential and Dining programs due to higher than anticipated dorm occupancy, increased revenue from summer conferences, continued growth in off-campus meal plan sales, and higher than expected dining dollar receipts. Revenues were greater than projected in the Athletic Department due to increases in student fee revenue due to enrollment increases, accelerated timing for NCAA allocation receipts, and higher than expected football ticket sales, primarily in the South End Zone.

For the quarter ending December 31, 2005, \$14.1 million had been expended for Educational and General and 2002 General Obligation Bond capital projects, and \$23.1 million had been expended for Auxiliary Enterprises capital projects.

The Committee recommended the year-to-date financial performance report to the full Board for approval.

There being no further business, the meeting adjourned at 11:35 a.m.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "James A. Hyatt", written in a cursive style.

James A. Hyatt
Executive Vice President and
Chief Operating Officer

2006-08 APPROPRIATIONS REQUEST REVIEW OF THE EXECUTIVE BUDGET AND LEGISLATIVE SESSION

Overview of the Appropriations Process

On September 15, 2005 the University submitted budget decision packages for consideration for inclusion in the Executive Budget for the 2006-08 biennium. Governor Warner presented his Executive Budget on December 16, 2005 for the 2006-08 biennium. The General Assembly session opened on January 11, 2006 and is scheduled to complete its work by March 11, 2006. This report presents the major elements of the Executive Budget and General Assembly actions for the upcoming biennium.

Executive Budget for the 2006-2008 Biennium

The Executive Budget included the following operating and capital budget recommendations for Virginia Tech.

Restructuring: The budget includes language seeking General Assembly approval of the Virginia Tech management agreement approved in November 2005 by the Board of Visitors and by Governor Warner.

Compensation: For Virginia Tech, the budget provides funding for salary increases averaging four percent for teaching and research (T&R) faculty and three percent for administrative and professional (A/P) faculty, graduate teaching assistants, and part-time faculty. These increases are to be effective on November 25, 2006. Likewise, funding is provided for a three percent increase for classified staff as of November 25, 2006.

Enrollment and degree completion: The budget includes \$1.766 million in General Fund support to Virginia Tech as a part of an allocation of funds to all institutions to recognize performance in enrollment growth and in increasing the total number of degrees awarded. While not specifically noted as a base budget adequacy adjustment, these funds would result in additional funding against our base budget adequacy requirement.

Student Financial Assistance: The budget includes an additional \$0.84 million in GF support in 2006-07 and 2007-08 for undergraduate students. In addition, the budget includes a most welcome addition of \$1.6 million in GF support during 2006-07 and 2007-08 for graduate student fellowships as a part of the Higher Education Research Initiative.

Support for Research Activities: As part of the Higher Education Research Initiative, the University received a one-time GF allocation of \$9.022 million to support the Host-Pathogen-Environment Interactions (HPEI) Program and one-time GF of \$8.795 million to support Advanced Biomaterials and Nanotechnology in 2006-07. The budget includes a reappropriation provision for any unspent balance on June 30, 2007.

Operation and Maintenance of New Facilities: Virginia Tech received General Fund (GF) allocations and nongeneral fund (NGF) authorizations for both the University Division and the Virginia Cooperative Extension and Agricultural Experiment Station Division to cover the operations and maintenance costs of new facilities coming on line in each Division.

Support for Capital Outlay:

Equipment for New Facilities. The budget provides \$2.250 million for equipment for the Biology/Vivarium project. This amount supplements the \$2.737 million of equipment funding provided by the 2005 General Assembly for a total project equipment budget of \$4.987 million.

Supplement Funding for Existing Projects. The budget provides \$8.625 million of GF support to supplement three General Obligation bond projects -- \$0.750 million for the Building Construction Laboratory, \$3.875 million for the Henderson Hall renovation, and \$4.0 million for the Institute for Critical Technology and Applied Science Phase I facility. The funds are needed to cover unexpected escalation and materials costs.

Maintenance reserve. The budget proposes to increase maintenance reserve spending to an amount somewhat greater than the pre-budget reduction levels of 2000-02. These funds, which will total \$17.290 million for the biennium, will provide critical funds for the institution to accelerate its efforts to address deferred maintenance issues.

Funding for New E&G Projects. The Executive Budget provides \$89.5 million of new capital outlay for the E&G program (excluding maintenance reserve) for several high priority projects. It is important to note that while several of the projects contain a combination of GF support and NGF authorization, other projects, such as the Administrative Services Building and the New Visitors and Admissions Center received no GF support. Where no GF support is provided, the University will be responsible for identifying and generating the funding in order for the project to proceed.

- **Campus Heat Plant.** The budget provides \$17.250 million in GF and \$11.5 million in NGF appropriation to support substantial improvements to the existing power plant and distribution lines. These improvements will boost the effectiveness of the heat plant to cover the projected heat

requirements of all the projects underway and the projects requested on the six-year capital plan.

- Liberal Arts Building Renovation. The budget provides \$5.357 million in GF appropriation to fully renovate the existing Performing Arts Building for the Liberal Arts program. The project scope includes exterior envelope repairs, HVAC and ventilation systems replacement, plumbing system replacement and upgrade, electrical system replacement, hazardous material abatement, and provision of life safety requirements.
- Institute for Critical Technology and Applied Science Phase II. The budget provides \$13.519 million in GF and \$17.5 million in NGF appropriation to build a 77,000 gross square foot, state-of-the-art research facility with highly specialized research laboratories that will support research in several multidisciplinary areas including bioengineering, biomaterials, bio-nanotechnology, communications technology, and sensor technology.
- Infectious Disease (NIH) Research Facility. The budget provides \$3.137 million in GF and \$4.0 million in NGF appropriation to build 16,300 gross square feet of state-of-the-art laboratory and office space to address a significant need for infectious disease laboratory space. This proposed laboratory facility will leverage the existing research in bacteriology, virology, immunology and parasitology underway and provide additional Bio-safety Level-3 (BSL-3) animal and laboratory facilities.
- Administrative Services Building. The budget provides \$12 million of NGF authorization to achieve improved administrative services to the campus community by constructing a 45,000 gross square foot building. The building may also house academic units that can operate successfully away from the core of campus.
- New Visitors and Admissions Center. The budget provides a \$5.25 million NGF authorization to build an 18,000 gross square foot, stand-alone building on Price's Fork Road adjacent to the Inn at Virginia Tech and Skelton Conference Center. The new building will serve to attract campus visitors to a primary campus entry point.

Funding for New Auxiliary Enterprise Projects: The Executive Budget includes \$48 million of NGF authorizations for several auxiliary enterprise capital projects as follows:

- Residence and Dining Hall Improvements. The budget includes \$10 million of NGF authority to implement the next phase of an on-going, long-range improvement strategy that addresses programmatic and facilities deficiencies.

- Additional Recreation, Counseling, and Clinical Space. The budget includes \$13 million of NGF authority to build 43,000 gross square feet to meet the growing demand for additional student counseling, clinical space, and recreation/exercise space.
- Indoor Athletic Training Facility. The budget includes \$25 million of NGF authority to build a state-of-the-art training facility that will include capacity for full-speed workouts and drills that cannot be practiced in the current facility due to lack of adequate space. These limitations need to be addressed to improve our overall intercollegiate sports program, which is consistent with our membership in the Atlantic Coast Conference.

2006 Legislative Session Priorities

The University identified several institutional priorities for the legislative session including:

- Retention of the financial support for the University's research initiatives included in the executive budget.
- Provision of GF for Base Budget Adequacy requirements in an equitable manner, reflecting both the existing shortfalls in basic funding and the GF funding split applicable to each institution.
- Full funding for Teaching and Research faculty salaries at the 60th percentile of the peer group over a period not to exceed four years. Support for salary increases for classified staff.
- Approval of the University's Management Agreement, effective July 1, 2006.

2006 Legislative Session Amendments

After evaluation of the Executive Budget, Virginia Tech submitted the following operating and capital amendments for consideration by the General Assembly.

Base Budget Adequacy: This amendment provides additional GF support for Base Budget Adequacy to move the institution closer to full funding to support critical institutional activities and to more closely match the intent of the General Assembly to fund 67 percent of educational costs for instate students. The request included \$6.2 million GF in 2006-07 and \$12.4 million GF in 2007-08.

Fund Extraordinary Energy Costs: These amendments requested \$2.701 million in each year of the 2006-08 biennium for the University Division and \$0.482 million in each year of the biennium for the Virginia Cooperative Extension and Agricultural

Experiment Station Division to assist with addressing the significant increase in commodity prices related to electricity, natural gas, and fuel oil.

Fund Critical Staffing Initiative: This amendment requested \$2.157 million in GF support and 38 positions in each year to enhance the Virginia Cooperative Extension and Agricultural Experiment Station Division's ability to build stronger and more economically viable agricultural and forestry industries while addressing critical issues affecting families and communities throughout the Commonwealth.

Equine Medical Center: This amendment requested an increase of \$0.25 million in each year of the biennium for the Equine Medical Center (EMC) to attract and retain key faculty and staff for the Center. Currently the EMC's ability to grow is negatively effected by limited financial resources for support of faculty and staff; funds for support of staff are very important in a region with relatively high salary requirements.

Agency 229 Equipment: This request provides \$5.0 million in one-time GF support for strategic research equipment for the Virginia Cooperative Extension and Agricultural Experiment Station Division.

Language on Mileage Reimbursement Rate: This request sought to amend § 4-5.04 f.2 of Chapter 951, 2005 Virginia Acts of Assembly, to permit institutions of higher education additional flexibility in the reimbursement of state employees for work-related travel, done via personal vehicle, at a rate up to the rate approved by the United States Internal Revenue Service.

Supplemental Funding for Existing Capital Projects: This request sought support to supplement three existing capital projects (including \$2.6 million GF for Cowgill Hall HVAC and Power, \$1.62 million GF for Litton-Reaves Hall Exterior Project, and \$7 million NGF for the Residence Hall project).

Davidson Hall Replacement Project: This project request is to raze and fully replace the unrecoverable center section of the existing Davidson Hall facility. This project has been on the University's plan since 1993 and has become a significant concern because of the serious level of building deterioration that negatively impacts the Chemistry program. The amendment requests \$23 million GF in the first year of the biennium.

Hazardous Materials Facility: This request of \$3.5 million GF in 2006-07 is for a 7,500 gross square foot building, sited in a remote area of campus, to provide a central location for the management, storage, and eventual disposal of hazardous materials that are products of the academic program. This project has been on the University's capital plan since 2001 and has become a significant concern because of increasing waste loads, compliance requirements, and safety concerns.

Human and Agricultural Biosciences Building - Planning: This request of \$3.5 million in 2006-07 is for a GF planning authorization for an envisioned 93,000 gross square foot state-of-the-art laboratory facility to house advanced research and scientific discovery in the biosciences, complemented by the practical applications offered by the Virginia Cooperative Extension and Agricultural Experiment Station Division.

Sciences Research Laboratory Phase I - Planning: This request is for a \$3.5 million GF planning authorization for the Sciences Research Laboratory, Phase I capital project. This project is envisioned as a 93,300 gross square foot scientific laboratory facility to support interdisciplinary science research focused on geosciences programs that are growing in student enrollment and extramural research funding.

House and Senate Recommendations for Virginia Tech

Information regarding the House and Senate amendments to the Executive Budget was released on February 21, 2006.

Restructuring: Members of both the House and the Senate desired that the entire management agreement be submitted for review and approval. Thus, bills containing the entire text of the management agreements of the three institutions pursuing level three designation were submitted in both houses. As a result, the House and Senate removed language approving the management agreement from the Budget Bill.

Institutional Performance: Both the House and Senate reworked the section 4-9.06 on the assessment of institutional performance. Both the House and Senate clarified measures on institutional support for student financial aid and for level of student loan debt.

Compensation: The House and Senate provided different level of support for salary increases as follows:

- **Faculty Salaries:** The Senate did not change the increases proposed in the Executive Budget. However, the House increased the statewide average from 3.65% to 4% for all faculty. In making this change, the House moved the average for all institutions up by 0.35% to achieve the overall 4% average.
- **Classified Salaries:** Funding for the November 25, 2006 salary increases was changed from 3% in the Executive Budget to 4% in both the House and the Senate.

- **2007-08 Salary Increase:** Since the Executive Budget did not plan for salary increases in the second year of the biennium, both the House and Senate reserved funds centrally for the November 26, 2007 salary increase. The House reserved 2% and the Senate reserved 3%; this applied to both faculty and classified staff.

Operating Budget Support: To compare the total incremental support provided for elements of the operating budget, the funding proposals for Enrollment & Degree Completion, Base Budget Adequacy, and Increased Costs of Utilities funding are displayed in the following table. The amounts represent total GF support by year.

	2006-07				2007-08			
	Enrollment & Degree Completion	Base Budget Adequacy	Utilities	Total	Enrollment & Degree Completion	Base Budget Adequacy	Utilities	Total
Executive Budget	\$1.766	0	0	\$ 1.766	\$1.766	\$0	\$0	\$ 1.766
House Budget	1.766	1.245	259	3.270	1.766	1.245	259	3.270
Senate Budget	0	3.601	0	3.601	0	9.233	0	9.233

Operating Support for Research: The Executive Budget provided one-time GF of \$9.022 million to support the Host-Pathogen-Environment Interactions (HPEI) Program and one-time GF of \$8.795 million to support Advanced Biomaterials and Nanotechnology in 2006-07. The Senate distributed the same amount over a three-year period. The House identified research funding as being for “*the areas of bioengineering, biomaterials, and nanotechnology*” and indicated an interest in providing ongoing support but did not identify an amount of any such proposed ongoing support.

	Operating Support for Research (Dollars in Millions)			
	2006-08 Biennial Budget		2008-10 Biennium	
	2006-07	2007-08	2008-09	2009-10
Executive Budget	\$ 17.817	\$ 0	\$ 0	\$ 0
House Budget	6.100	13.450	0 (2)	0 (2)
Senate Budget	5.939	5.939	5.939 (1)	0 (2)

- (1) Note, while the General Assembly may not obligate future General Assemblies, the amount displayed for the next biennium reflects the intent stated by the Senate Finance Committee.
- (2) Future funding, if any, is unknown at this time.

Research Equipment: The Executive Budget provided \$8.5 million, the Senate provided \$8.1 million, and the House provided \$15.7 million. The House Equipment Trust Fund allocation states that it includes \$3.137 million for the Infectious Disease Research Facility and \$3.0 million for scientific and research equipment for the Virginia Cooperative Extension and Agricultural Experiment Station Division (including the Agriculture and Natural Resources Research Laboratory). The \$3.137 million for Infectious Disease matches the amount of GF capital support removed by the House from the Executive Budget. The University is working to correct the \$3.137 million for the Infectious Disease Facility since it was intended to fund the cost of the construction of the facility, not equipment.

Equipment Trust Fund: Both houses continued the \$171,844 increase in the University's annual allocation, for a new funding level of \$8.2 million for each year of the biennium, as included in the Executive Budget.

Interest on Sponsored Programs and Indirect Cost Recoveries: The Executive Budget allowed institutions to retain interest earnings on sponsored programs and indirect cost balances. The House requires institutions to transfer interest back to the General Fund. The Senate made the receipt of interest contingent upon performance.

Undergraduate Student Financial Assistance: Both houses continued the support provided in the Executive Budget.

Graduate Student Financial Assistance: Both houses continued the support provided in the Executive Budget.

Unique Military Activities: Both houses continued the support provided in the Executive Budget.

Operation and Maintenance of New Facilities: Both houses continued the support provided in the Executive budget.

Support for Virginia Maryland Regional College of Veterinary Medicine – Virginia Racing Commission: Both the House and Senate included a correction to the language in the Act to provide support from the Virginia Racing Commission in accordance with the formula in the Code of Virginia resulting in an additional \$36,000 in support in each year of the 2006-08 biennium. This action returns the annual support to the level provided prior to the 2002-04 budget reductions.

Sum Sufficient Authority: Senate included sum sufficient authority for the E&G NGF appropriation to the University. The House did not provide sum sufficient authority for E&G and further removed sum sufficient authority for sponsored programs as part of the research initiative. The House left sum sufficient authority for auxiliary enterprises in place.

Other areas of interest

Commerce and Trade – Regional Research & Development Centers: The Executive Budget provided \$2.48 million GF to support the creation of industry-focused regional research and development centers. The House eliminated all of this support. The Senate reduced the support by \$0.66 million.

Research and Development Centers

(Dollars in Millions)

	2006-07	2007-08
Executive	\$ 0.66	\$ 1.82
House	\$ 0	\$ 0
Senate	\$ 0.66	\$ 1.16

Commonwealth Technology Research Fund (CTRF): The Executive Budget provided \$10 million GF in 2006-07; the Senate reduced this to \$8 million GF. The House eliminated this support.

Institute for Advanced Learning and Research (IALR): The Executive Budget provided \$3.872 million GF in each year of the biennium. The Senate and House reduced the support to \$2.1 million in 2006-07 and \$2.35 million in 2007-08. In addition, the Executive Budget and both houses of the General Assembly provided approximately \$80,000 in Equipment Trust Fund allocation for the IALR.

Statewide Programs

Peer Institutions: The Senate has language for SCHEV requiring updates to institutions' Faculty Salary Peer Group.

Mileage Reimbursement Rate: Consistent with the University's request, both the House and Senate revised language to move the current mileage reimbursement rate of 32.5 cents per mile to 44.5 cents per mile.

Eminent Scholar Program: The Executive budget provided an additional \$0.438 million GF in 2006-07 and \$0.877 million GF in 2007-08 for the program. The House eliminated this supplement. No action on the Executive Budget allocation by the Senate has been identified.

Virginia Academic Research Corporation: The House set aside \$0.35 million GF in 2005-06 and 2006-07 for the establishment of a new Virginia Academic Research Corporation. The allocation was made to SCHEV. Language is also included in each research institution's section requiring the institution to report to the Corporation on its use of funds, federal and private funds leveraged, collaborative efforts in support of private industry, and recommendations for future investment.

Virtual Library of Virginia (VIVA): The Executive budget provided \$0.766 million GF for 2006-07 (statewide). This funding appears to have been continued by both the House and Senate.

Tuition Waivers for Military dependents: The Executive Budget increased the statewide support \$2.5 million to \$8.9 million GF. The House removed the entire \$8.9 million of support. The Senate removed the proposed \$2.5 million increase. In

addition, the Senate reduced the military tuition waiver from two years as proposed in the executive budget back to one year.

Joint Budget Conference Committee

The Conference Committee was scheduled to complete its work on reconciling the differences between the House and Senate Budgets by March 7, 2006. However, the legislative session has been delayed. The General Assembly adjourned on Saturday, March 11, 2006, without reaching agreement on a budget for 2006-08. The Governor has requested a special session to begin on March 27, 2006, after a two week delay.

Since the Conference Committee's report will not be available until after the March Board of Visitors meeting, the budget recommendations by the House and the Senate, as shown on the attached Schedules 1 and 2, reflect the current available information. The narrative in the prior section of this report briefly describes the nature of the proposed budget recommendations. If any additional information becomes available after the mailing of materials to the members of the Board of Visitors, updated information will be distributed at the Board meeting.

PROPOSED OPERATING FUNDING FROM THE EXECUTIVE BUDGET AND EACH HOUSE OF THE GENERAL ASSEMBLY
as of February 9, 2006
Dollars in Thousands

July 1

OPERATING BUDGET	Executive Budget				House				Senate			
	2006-07		2007-08		2006-07		2007-08		2006-07		2007-08	
	State Support	Nongeneral Funds	State Support	Nongeneral Funds	State Support	Nongeneral Funds	State Support	Nongeneral Funds	State Support	Nongeneral Funds	State Support	Nongeneral Funds
University Division												
<u>Base Budget Adequacy Funding</u>												
Base Adequacy Funding	\$ -	\$ -	\$ -	\$ -	\$ 1,245	\$ -	\$ 1,245	\$ -	\$ 3,601	\$ -	\$ 9,233	\$ -
Enrollment and Degree Completions	1,766	870	1,766	870	1,766	870	1,766	870	-	870	-	870
Increased Utility Costs	-	-	-	-	259	-	259	-	-	-	-	-
Total Base Budget Adequacy Funding	1,766	870	1,766	870	3,270	870	3,270	870	3,601	870	9,233	870
<u>Research Initiative</u>												
Host-Pathogen-Environment Interactions	9,022	6,260	-	8,565	-	-	-	-	3,007	2,856	3,007	5,711
Advanced Biomaterials and Nanotechnology	8,795	4,950	-	9,583	-	-	-	-	2,932	3,194	2,932	6,389
Research Initiative - unspecified	-	-	-	-	6,100	15,000	13,450	15,000	-	-	-	-
Total Research Initiative	17,817	11,210	-	18,148	6,100	15,000	13,450	15,000	5,939	6,050	5,939	12,100
Faculty Salaries	1,870 (a)	2,285	3,453 (a)	4,218	2,051 (a)	2,285	3,786 (a)	4,218	1,870 (a)	2,285	3,453 (a)	4,218
Operation and Maintenance of New Facilities	175	768	601	1,338	175	768	601	1,338	175	768	601	1,338
Racing Commission - Veterinary Medicine	-	-	-	-	36	-	36	-	36	-	36	-
All Other Operating Budget Actions	289	-	535	-	289	-	535	-	289	-	535	-
Total University Division (208)	21,917	15,133	6,355	24,574	11,921	18,923	21,678	21,426	11,910	9,973	19,797	18,526
Cooperative Extension/AES Division												
Faculty Salaries	734 (a)	39	1,356 (a)	71	805 (a)	39	1,486 (a)	71	734 (a)	39	1,356 (a)	71
Commonwealth Staffing Initiative	-	-	-	-	500 (c)	-	500 (c)	-	540 (c)	-	1,080 (c)	-
Technical Adjustment for O&M	281	(281)	281	(281)	281	(281)	281	(281)	281	(281)	281	(281)
Total CE/AES (229)	1,015	(242)	1,637	(210)	1,586	(242)	2,267	(210)	1,555	(242)	2,717	(210)
Unique Military Activities	158	-	247	-	158	-	247	-	158	-	247	-
Student Financial Assistance - Undergraduate	840	-	840	-	840	-	840	-	840	-	840	-
Student Financial Assistance - Graduate	1,600	-	1,600	-	1,600	-	1,600	-	1,600	-	1,600	-
Equipment Trust Fund												
Research Equipment	8,500	-	-	-	15,737 (b)	-	- (b)	-	8,140	-	-	-
Annual ETF Allocation	8,202	-	8,202	-	8,202	-	8,202	-	8,202	-	8,202	-
Total Virginia Tech Operating	\$ 42,232	\$ 14,891	\$ 18,881	\$ 24,364	\$ 40,044	\$ 18,681	\$ 34,834	\$ 21,216	\$ 32,405	\$ 9,731	\$ 33,403	\$ 18,316
Funding for Associated Entities												
Institute for Advanced Learning and Research	\$ 3,872 (e)	\$ -	\$ 3,872 (e)	\$ -	\$ 2,096 (e)	\$ -	\$ 2,350 (e)	\$ -	\$ 2,096 (e)	\$ -	\$ 2,350 (e)	\$ -
Dept of Housing & Community Development - Regional Research Centers	660	-	1,820	-	-	-	-	-	660	-	1,160 (d)	-
Total Associated Entities	\$ 4,532	\$ -	\$ 5,692	\$ -	\$ 2,096	\$ -	\$ 2,350	\$ -	\$ 2,756	\$ -	\$ 3,510	\$ -

NOTES:

- (a) The House provided average faculty salaries of 4%, the Executive Budget and Senate provided a 3.65% average.
- (b) The House ETF allocation for Research of \$15.7M includes language stating it includes \$3,137,000 for the Infectious Disease Research Facility [see footnote (e)] and \$3,000,000 for Agriculture and Natural Resources Research Laboratory at the Agriculture Experiment Station.
- (c) The House provided an additional 9 FTE staff positions, and Senate provided an additional 9.5 FTE in year one and 19 FTE in year two to support the Commonwealth Staffing Initiative.
- (d) The Senate's budget proposal reduced the four regional research & development centers provided for in the Executive budget to two.
- (e) Amount reflects operating support only. Executive budget and both houses of General Assembly included an additional \$79,946 of equipment allocation.

PROPOSED CAPITAL FUNDING FROM THE EXECUTIVE BUDGET AND EACH HOUSE OF THE GENERAL ASSEMBLY
 as of February 19, 2006
 Dollars in Thousands

CAPITAL BUDGET

	Executive Budget		House		Senate	
	2006-08 Biennium		2006-08 Biennium		2006-08 Biennium	
	State Support	Nongeneral Funds	State Support	Nongeneral Funds	State Support	Nongeneral Funds
Equipment Funding						
Biology Building/Vivarium Facility	\$ 2,250	\$ -	\$ -	\$ -	\$ 2,250	\$ -
Project Supplements						
Building Construction Laboratory	750	-	750	-	750	-
Henderson Hall Renovation	3,875	-	3,875	-	3,875	-
Institute for Critical Technologies & Applied Sciences I	4,000	-	4,000	-	4,000	-
Cowgill Renovation Overruns	-	-	2,600	-	2,600	-
Litton-Reaves Renovation Overruns	-	-	1,630	-	1,630	-
Education and General Projects						
Maintenance Reserve	17,290	-	17,290	-	17,290	-
Campus Heat Plant	17,250	11,500	17,250	11,500	17,250	11,500
Liberal Arts Building Renovation	5,357	-	-	-	5,357	-
Institute for Critical Technologies & Applied Sciences II	13,519	17,500	13,519 (a)	17,500	1,082 (b)	17,500 (b)
Infectious Disease (NIH) Research Facility	3,137	4,000	- (c)	4,000	3,137	4,000
Administrative Services Building	-	12,000	-	12,000	-	12,000
New Visitors and Admissions Center	-	5,250	-	5,250	-	5,250
Hazardous Materials Facility	-	-	-	-	3,200	-
Auxiliary Enterprise Programs						
Residence and Dining Hall Improvements	-	10,000	-	10,000	-	10,000
Additional Recreational, Counseling, and Clinical Space	-	13,000	-	13,000	-	13,000
Indoor Athletic Training Facility	-	25,000	-	25,000	-	25,000
Residence Hall Supplement	-	-	-	7,000	-	7,000
Total Capital	\$ 67,428	\$ 98,250	\$ 60,914	\$ 105,250	\$ 62,421	\$ 105,250

- NOTES:
- (a) While \$13,519,000 of GF support for ICTAS II is removed in the House, it is replaced with state funded debt.
 - (b) The Senate removed \$12,437,480 in General Fund from the project; the remaining \$1,081,520 million GF was left in the project as the GF share of the costs of planning the facility in 2006-08.
 - (c) The House removed the \$3.137M GF portion of the Infectious Disease facility and replaced it with ETF funding.

Higher Education Restructuring Act: Legislative Update March 2006

This update report provides an overview of the events that have occurred with regarding to the Management Agreement for the University and the remaining steps needed for implementation of the Management Agreement as of July 1, 2006.

Approval of the Management Agreement by the Administration

During the November 7, 2005 meeting of the Board of Visitors, the Board approved final drafts of Virginia Tech's Management Agreement and related operational policies that were shared with the Governor and his cabinet for approval. In the final documents, a few technical changes were sought by the Administration as well as the following additional commitments:

1. The University must match from institutional funds, on a dollar for dollar basis, any General Fund research support provided by the Appropriation Act.
2. The University must work with University of Virginia and the College of William and Mary to establish a program to significantly increase the number of transfer students from the Virginia Community College System accepted by these institutions. Specifically, by the 2007-2008 fiscal year, the three institutions will enroll not less than approximately 300 new such transfer students each year over the number enrolled in 2004-2005 for a combined total of approximately 900 transfer student enrollments at the three institutions each year. Similarly, by the end of the decade, the three institutions will enroll not less than approximately 650 new such transfer students each year for a combined total of approximately 1,250 transfer students at the three institutions. Virginia Tech's share of the new transfer students is 398 students, or 61.2 percent of the total incremental transfer student enrollment requirement, by the end of the decade, which is consistent with our approved six-year enrollment plan.
3. The University commits to working with an economically distressed region or local area which lags behind the Commonwealth in education, income, employment, and other factors. The University commits to establish a formal partnership with that area to develop jointly a specific action plan that will stimulate economic development and improve student achievement and teacher and administrator skill sets in a school division in that area.

The final documents negotiated with the Administration were forwarded to the Chairmen of House Committee on Appropriations, the House Committee on Education, the Senate Committee on Finance and the Senate Committee on

Education and Health on November 15, 2005 as required by the Restructuring Act.

Final Approval of Management Agreement by the General Assembly

The Governor included a recommendation for approval of the management agreements for Virginia Tech, University of Virginia, and the College of William and Mary in the Budget Bill for the 2006-2008 biennium, which was presented to the money committees on December 16, 2005.

Some members of the General Assembly requested the opportunity to see and review the entire management agreement. As a result, it was decided to convert the management agreement, operational policies, and memorandum of understandings into a bill so that the details of the management agreements and related documents could be reviewed and voted on by all the members of the General Assembly. In January, a bill was introduced in both the House and Senate which contained these documents for Virginia Tech as well as the University of Virginia and the College of William and Mary. During the legislative process, there were a number of amendments made to the bills primarily in the financial management policy to clarify language concerns raised by members of the General Assembly or their staff.

The more significant amendments made during the legislative process include the following actions:

1. A provision in the financial management policy required the institution to create an escrow account to hold interest on the University's tuition and fees and other nongeneral fund Educational and General Funds until the time that the University has received certification for meeting the educational, administration, and financial measures. An amendment was proposed to require the State to hold this escrow account instead of the University.
2. The drawdown schedule of General Funds detailed in the financial management policy was changed from monthly (on the first day of the month) to semi-monthly (on the first and fifteenth days of the month) to reduce the loss of interest to the state and to be consistent with the process of drawdown schedules of localities.
3. A sunset clause was added which requires the management agreements to expire on June 30, 2010. The establishment of a subsequent management agreement will require a negotiation process similar to that employed to develop the initial management agreement.
4. Language was added to allow for changes to the management agreements and operational policies. These changes would be reported

to the Secretaries of Finance, Administration, Education, and Technology and to the Chairman of the Senate Committee on Finance and the Chairman of the House Committee on Appropriations and posted on the University's website. The change or deviation would become effective in sixty days if one of the above persons does not notify the University that the change is considered substantial and material. The Restructuring Act and management agreement did not include a provision for inconsequential changes to the management agreement and/or operational policies which may be needed during the next four years.

Both bills passed the House and Senate and are in the process of being forwarded to the Governor for his review and signature. During this review process, the Governor will have the opportunity to propose amendments to the bill. As of the preparation of this report, the University is not aware of any amendments to the bills. If amendments are submitted by the Governor, those changes must be approved by both houses of the General Assembly during the Reconvene Session scheduled for April 19, 2006.

Accountability Measures and Performance Benchmarks

As required by the Restructuring Act, the Governor included the educational related performance measures initially recommended by the State Council of Higher Education ("SCHEV") and administrative and financial measures in the Budget Bill. The educational measures were included in the Budget Bill generally as they were approved by SCHEV. The administrative and financial measures included additional measures dealing with procurement, leasing, debt management, and information technology; many of these items were similar to those measures the University suggested in its application for Level Three status.

However, when the House of Delegates and the Senate of Virginia presented their budgets in February, the educational measures had been further amended and the additional administrative and financial measures were removed and new language was included directing the Governor or his designees, in consultation with the institutions of higher education, the Auditor of Public Accounts and staff of the House Appropriations and Senate Finance Committees to develop additional standards in the areas of personnel, capital outlay, and procurement. The budget approved by the conference committee could include further changes to the performance measures.

Implementation of Management Agreement

With the anticipated approval of the Management Agreement legislation, effective July 1, 2006, the University may operate as a covered institution in accordance with its Management Agreement and operational policies for a period of four years. However, during this period, an act of the General Assembly may revoke a management agreement or it could be voided by the Governor if a written

determination is made that the University is not in substantial compliance with the terms of the management agreement or with the requirements of the Restructuring Act.

Under the direction of the Executive Vice President and Chief Operating Officer, during March to June 2006, the administrative, business, and financial areas of the University will develop and implement plans to make the conversion to this new operating environment as of July 1, 2006. As a part of the implementation process, the University will also put into place the necessary processes to capture and analyze its performance in accordance with the final accountability standards and performance measures for the academic performance measures related to the academic plan, the finance and administrative standards for Level One institutions, and the incremental performance measures required for Level Three status.

Further, as an element of the accountability standards in the Restructuring Act, the Joint Legislative Audit and Review Commission, in cooperation with the Auditor of Public Accounts, shall conduct a review relating to the initial management agreement. The review should cover a period of at least the first 24 months.

Beginning in June 2007, the State Council of Higher Education in Virginia will certify whether each public institution has met the approved performance measures for the 2006-07 fiscal year. If the University is certified, it shall receive the financial benefits detailed in the Restructuring Act for Level One institutions after July 1, 2007.

**MINUTES OF THE FINANCE AND AUDIT COMMITTEE
OF THE BOARD OF VISITORS
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY**

March 27, 2006

AUDIT CLOSED SESSION

PRESENT:

BOARD OF VISITORS: Mr. Ben Davenport, Dr. Hemant Kanakia, Mr. Jacob Lutz, Mr. Thomas Robertson, Mr. Philip Thompson

VPI&SU STAFF: Ms. Kay Heidbreder, Mr. James Hyatt, Mr. John Rudd, Mr. Dwight Shelton, Dr. Lisa Wilkes

AUDIT CLOSED SESSION: The Committee met in Closed Session with the Director of Internal Audit and Management Services to discuss audits of specific departments and units where individual employees were identified. The Committee also received an update on the outstanding fraud, waste, and abuse cases.

AUDIT AGENDA

PRESENT:

BOARD OF VISITORS: Dr. Hemant Kanakia, Mr. Jacob Lutz, Mr. Thomas Robertson, Mr. Philip Thompson

VPI&SU STAFF: Mr. Mel Bowles, Mr. Bob Broyden, Mr. Al Cooper, Mr. John Cusimano, Mr. Larry Hincker, Mr. Tim Hodge, Mr. James Hyatt, Ms. Heidi McCoy, Mr. Ken Miller, Ms. Rachel Potters, Mr. John Rudd, Ms. Kathy Sanders, Mr. Dwight Shelton, Dr. Lisa Wilkes, Ms. Linda Woodard

1. APPROVAL OF MINUTES OF THE NOVEMBER 7, 2005 MEETING:

The Committee reviewed and approved the minutes of the November 7, 2005 meeting.

2. REVIEW ON COMPLIANCE WITH AUDIT RESOLUTION OF UNIVERSITY-RELATED CORPORATIONS:

The Committee received a compliance report for the audits of the university-related corporations. These corporations include Virginia Tech Foundation, Inc., Virginia Tech Services, Inc., and Virginia Tech Intellectual Properties, Inc. Each university-related corporation is required to provide audited annual financial statements, management letters from external auditors, and management's responses to the university's Chief Operating Officer. Each corporation is also required to submit an annual certification stating that all procedures outlined in the resolution have been met. All corporations are in full compliance with the Board of Visitors requirements regarding audits.

The Committee accepted the report.

3. REVIEW AND ACCEPTANCE OF UNIVERSITY'S UPDATE OF RESPONSES TO ALL PREVIOUSLY ISSUED INTERNAL AUDIT REPORTS:

The Committee reviewed the University's update of responses to all previously issued internal audit reports. At the November meeting, the university reported that as of September 30, 2005, 17 high or medium risk audit comments remained outstanding. An additional 3 comments have been issued since then for a total of 20 comments. As of December 31, 2005, the University has addressed 14 comments, leaving 6 comments still in progress.

The Committee accepted the report.

4. PRESENTATION OF UNIVERSITY'S INITIAL RESPONSES TO THE APA'S 2005 MANAGEMENT LETTER:

The Committee received the University's initial responses to the 2005 Auditor of Public Accounts Management Letter. The status of the two findings presented at the November meeting, Revise Student Financial Aid Quality Assurance Procedures, and Document Minimum Security Configurations, were discussed. Both comments have been fully addressed.

In response to the finding Revise Student Financial Aid Quality Assurance Procedures, management has reviewed the policies and procedures for the Quality Assurance (QA) program and provided additional training to staff regarding the QA process. A manual is under development to support staff tasked to review documentation for quality assurance. Additionally, management has installed a new scanner that will improve the quality of the imaged documents. Additional quality control procedures are being implemented for the next aid year to ensure the department has a complete document, signed where necessary, before it is imaged.

In response to the finding Document Minimum Security Configurations, a policy (Policy for Securing Technology Resources and Services) has been developed to address minimum security configurations and other security issues for

university systems storing critical information. To ensure compliance with this policy, Information Technology has created a new position in the Information Technology Security Office which will be used to audit critical university systems for security weaknesses. The department is evaluating tools and defining the audit approach to be used.

The Committee accepted the report.

5. REVIEW OF INTERNAL AUDIT DEPARTMENT'S STATUS REPORT AS OF DECEMBER 31, 2005:

The Committee reviewed the Internal Audit Department's Status Report as of December 31, 2005. In addition to conducting scheduled audits, the audit department participated in annual audit activities; fraud, waste, and abuse audits; special projects; and professional development activities. Additionally, in response to the final outstanding recommendation from its 2005 Quality Assurance Report, Internal Audit conducted a site visit to VCU and examined several automated audit work papers packages. Subsequently, Audit engaged the Software Technologies Laboratory in the College of Engineering to develop the needed software package.

During the quarter there were no significant issues requiring joint involvement of the audit staffs of the university and the Virginia Tech Foundation, Inc.

The Committee accepted the report.

6. REVIEW AND ACCEPTANCE OF THE FOLLOWING INTERNAL AUDIT REPORTS/MEMOS ISSUED SINCE THE LAST MEETING:

The Committee reviewed and accepted the following internal audit reports:

A. Virginia Bioinformatics Institute

The Committee received a report on the audit of the Virginia Bioinformatics Institute. The audit indicated that the overall risk exposure is high and the internal control system is effective, but improvements are recommended. The audit recommendations include: Improve facilities and server/workstation security, enhance controls for effective management of installed software, improve controls over health and safety, grant administration, and service centers, improve funds handling procedures, and establish long term goals to encourage service centers' financial stability. Management is working to implement improvements to address the recommendations.

B. Real Estate Management

The Committee received a report on the audit of Real Estate Management. The audit indicated that the overall risk exposure is

medium and the internal control system is effective, but improvements are recommended. The audit recommendations include: Enhance lease agreement oversight and lease payment process, improve the employee housing process, and seek appropriate technical assistance to implement best practices for computer configuration and use. Management is working to implement improvements to address the recommendations.

C. Corps of Cadets

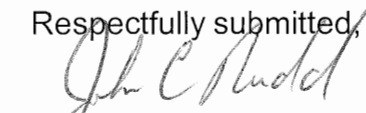
The Committee received a report on the audit of the Corps of Cadets. The Corps of Cadets was selected for an audit primarily based on the length of time since it was last reviewed. The audit indicated that the internal control system is effective, but improvements are recommended. The audit recommendations include: Enhance safeguards over funds handled at the Tailor Shop, establish a process for maintaining an inventory for cadet uniforms, strengthen computer and data security, and enhance the review process for scholarships awarded by the Corps of Cadets. Management is working to implement improvements to address the recommendations.

D. Pamplin College of Business

The Committee received a report on the audit of the Pamplin College of Business. The audit indicated that the overall risk exposure is medium and that the internal control system is effective, but improvements are recommended. The audit recommendations include: strengthen controls over the implementation of study abroad programs, implement additional independent oversight over the Business Horizons organization, create formal controls and policies for website management, and improve management of software licensing. Management is working to implement improvements to address the recommendations.

There being no further business, the meeting adjourned at 11:35 a.m.

Respectfully submitted,



John C. Rudd
Director, Internal Audit

BACKGROUND MATERIAL REGARDING CONTRACT APPROVAL

The State and Local Government Conflict of Interests Act, Section 2.2-3100, et. seq., Code of Virginia, as amended, limits the types of transactions in which employees of Virginia Tech may be engaged. In particular, Section 2.2-3106(C)(7), authorizes a Virginia Tech employee to enter into a contract with Virginia Tech if the Contract is for research and development or commercialization of intellectual property. Under this same section of the Code of Virginia, these types of contracts specifically required approval by the Board of Visitors.

Since the adoption of the referenced Code section, the Board of Visitors has approved all applicable research and development and commercialization of intellectual property contracts in which an employee has a personal interest. However, obtaining approval of the Board of Visitors presents a delay in the University's ability to contract in a timely and efficient manner because the Board only meets quarterly. In many instances, a more timely approval is necessary in order to perform research contracts. The time delays often become critical when third party sponsors of research insist on a tight response time involving subcontracting of work.

In recognition of the time pressures that institutions of higher education face, the General Assembly recently authorized delegation of contract approval for research and development and commercialization of intellectual property contracts to the President of the institution in Section 2.2-3106(E), Code of Virginia, as amended.

The proposed resolution authorizes the President to exercise the approval granted under the Code of Virginia. Other institutions of higher education in Virginia have also delegated this authority to their Presidents. To insure that potential conflicts are minimized and that the best interest of the University is served prior to execution of any contract with an employee, certain steps will be followed:

- 1.) The employee's personal interest will be disclosed to the President through a review conducted by the department head, dean, and the Provost or Executive Vice President and Chief Operating Officer, as applicable.
- 2.) The Provost, or Executive Vice President and Chief Operating Officer, as applicable, in consultation with the Vice President for Research, will review the proposed contract and make a recommendation to the President, based on the best interests of Virginia Tech.
- 3.) Only after the President has reviewed the proposed contract, and any accompanying plan to mitigate the potential for a conflict of interest, will the President grant final approval to the contract.

As a pilot, the Board of Visitors authorized the administration to approve such contracts during the period from the last Board meeting until this meeting. The pilot has been successful, and it is now requested that the delegation of authority for contract approval be made permanent. On a quarterly basis, the Board of Visitors will be provided a report disclosing each open contract entered into pursuant to this delegation of authority, the names of the parties to the contract, the date each contract was executed, and its term, the subject of each contractual arrangement, the nature of the conflict of interest; the University employee responsible for administering each contract, the nature of any University commitment of resources for each contract, and the details of how resources are to be dispensed under the contract.

CONTRACT APPROVAL RESOLUTION

WHEREAS, Section 2.2-3106(C)(7), of the Conflict of Interests Act(Act) authorizes the Board of Visitors to permit Virginia Tech to contract with an employee who has a personal interest in the contract provided that the contract is for research and development or commercialization of intellectual property; and

WHEREAS, Section 2.2-3106(E) of the act authorizes the Board of Visitors to delegate the authority to approve contracts with an employee who has a personal interest in the contract for research and development or commercialization of intellectual property to the President of the University; and

WHEREAS, the Board of Visitors is willing to delegate the approval authority to approve contracts in which an employee has a personal interest, to the President provided that:

- i) the employee's personal interest has been disclosed to and approved by the President prior to the time the contract is entered into, and
- ii) The President shall file a quarterly report with the Board of Visitors disclosing each open contract entered into pursuant to this delegation of authority, the names of the parties to the contract, the date each contract was executed, and its term, the subject of each contractual arrangement, the nature of the conflict of interest; the University employee responsible for administering each contract, the nature of any University commitment of resources for each contract, and the details of how resources are to be dispensed under the contract.

NOW, THEREFORE, BE IT RESOLVED that the Board of Visitors delegates to the President authority to approve contracts with an employee who has a personal interest in the contract provided that the contract is for research and development or commercialization of intellectual property, subject to the requirements contained in this resolution.

RECOMMENDATION:

That this resolution be adopted.

March 27, 2006

VIRGINIA RETIREMENT SYSTEM
CONTRIBUTION LIMITS BACKGROUND DOCUMENT

The General Assembly has authorized Virginia Tech to offer two retirement plans to its faculty. The first is the Commonwealth of Virginia plan administered by the Virginia Retirement System (commonly known as VRS). This plan is a defined benefit plan. For fiscal year 2006, the University's contribution to the plan is 8.91% of an employee's salary. This percentage contribution changes annually.

The second plan is called the Optional Retirement Plan (commonly known as ORP) and it is administered by Virginia Tech. The ORP is a defined contribution plan. For fiscal year 2006, the University's contribution to a faculty member's ORP is 10.4% of salary. In neither plan is the employee required to make any contribution.

The Internal Revenue Code, §401(a) (17), imposes a cap on an employer's contribution to a basic retirement plan, be it a defined benefit or a defined contribution plan. The cap does not relate to the percent contribution or even total dollars contributed by the employer. Rather, it relates to the annual salary of the employee. Once an employee's salary hits the cap, the employer is precluded from contributing anything further to the retirement account. For employees hired prior to April 9, 1996, the salary cap currently is \$315,000 and for those hired on or after that date, the cap currently is \$210,000. Congress has included an escalator clause in the cap. The Board of Visitors authorized for ORP participants, and Virginia Tech created a second plan, called the Select Plan, in which residual funds that exceed the cap are placed. This Select Plan also has an IRS imposed cap and funds that exceed the second cap can be placed in a third plan called the Supplemental Plan. Both of these plans are defined contribution plans. VRS does not have a plan for the residual contributions which could be made on behalf of VRS participants.

The issue that has arisen is whether Virginia Tech should contribute the residual funds for VRS participants who exceed the salary caps imposed under §401(a)(17) of the Internal Revenue Code into an alternate retirement account to make these participants whole vis-à-vis their ORP counterparts. Virginia Tech does not have a defined benefit plan available that could be used for the excess contributions. However, the Select Plan, and depending on the salary and year for which the contribution should be made, the Supplemental Plans properly can be used to handle the excess funds. While Virginia Tech cannot give employees access to a defined benefit plan for the residual funds, by making these excess contributions to the defined contribution plans, it will afford employees a retirement benefit on their full salary.

The secondary issue is the correct percentage of salary to contribute to any retirement plan. The most logical amount would be the same percentage as that contributed on behalf of ORP participants, currently 10.4% of salary.

It is proposed that the residual funds, based on the standard ORP percentage, be placed into the Select or Supplemental Plan, as appropriate.

RESOLUTION REGARDING SUPPLEMENTAL RETIREMENT CONTRIBUTIONS
FOR VRS PARTICIPATING FACULTY

WHEREAS, Virginia Polytechnic Institute and State University faculty have the option of participating in the Virginia Retirement System (VRS) or the Virginia Tech administered Optional Retirement Plan (ORP); and

WHEREAS, §401(a) (17) of the Internal Revenue Code places an annual salary cap limiting the level of contribution which Virginia Tech may make to either plan; and

WHEREAS, Virginia Tech contributes a retirement contribution for ORP participants which earn in excess of the salary cap to either the Virginia Tech Select Plan or Virginia Tech Supplemental Plan, to the extent permitted by the Internal Revenue Code; and

WHEREAS, it is the sense of the Board of Visitors that participants in VRS who earn in excess of the salary cap should similarly have the excess contributions made to the Virginia Tech Select Plan or Virginia Tech Supplemental Plan to the extent permitted by the Internal Revenue Code and in the same manner that contributions for ORP participants are made; and

WHEREAS, it is the sense of the Board of Visitors that excess retirement contributions for VRS participants who exceed the Internal Revenue Code salary cap should be at the same percent of salary as that contributed on behalf of ORP participants, which currently is 10.4%;

NOW, THEREFORE, BE IT RESOLVED that the University is authorized to make contributions to the Virginia Tech Select Plan and Virginia Tech Supplemental Plan on behalf of faculty whose annual salaries exceed the §401(a) (17) Internal Revenue Code cap for contributions to the Virginia Retirement System.

BE IT FURTHER RESOLVED that the rate of contribution for VRS participants shall be the same as the rate of contribution authorized by the General Assembly for participants in the ORP.

RECOMMENDATION:

That the Resolution regarding VRS participant contributions be approved.

March 27, 2006

VIRGINIA TECH**PROPOSED TUITION AND FEE RATES FOR 2006-07****Background**

The period of 1989 to 2006 has been one of significant change in tuition policies and rates. The substantial growth in tuition has been a source of increased concern to institutions of higher education, students, parents, and state officials.

During the period of 1989 to 1996 tuition increased dramatically across the Commonwealth because of the decline in General Fund support for higher education. At Virginia Tech, undergraduate tuition increased by 49 percent for resident students and 91 percent for nonresident students in the six-year period 1989-90 to 1995-96.

In 1994 the Appropriation Act included language which established tuition rate growth caps of three percent for resident students and 7.5 percent for nonresident students for each year of the biennium. For the three-year period of 1996-97, 1997-98, and 1998-99, the Appropriation Act included language which decreed that the tuition for Virginia undergraduates be frozen at the 1995-96 level. The 1999 General Assembly approved a 20 percent reduction in tuition and mandatory Educational and General fees for Virginia undergraduate students and offset the reduction in revenue by providing new General Fund support. The 2000 Appropriation Act included language to continue tuition and mandatory Educational and General fees at 1999-2000 levels for Virginia undergraduate students during the 2000-02 biennium.

To address state revenue shortfalls, language in the 2002 Appropriation Act provided authority to increase tuition and mandatory Educational and General fees for Virginia undergraduate students by as much as 9.0 percent. The 2003 General Assembly approved language to allow for the annualization of the spring 2003 tuition increases and limited increases in tuition and mandatory Educational and General fees for Fall 2003 for Virginia undergraduate students to five percent plus an amount for the nongeneral fund portion of the faculty salary increase and health insurance premium increase.

The authority granted by the 2004 General Assembly continues for 2006-07 and establishes that "The Board of Visitors . . . of institutions of higher education may set tuition and fee charges at levels they deem to be appropriate for all resident student groups based on, but not limited to, competitive market rates, provided that the total revenue generated by the collection of tuition and fees from all students is within the nongeneral fund appropriation for educational and general programs provided in the act."

Development of 2006-07 Tuition and Fee Rates

The University traditionally developed tuition and fee proposals in February and March of each year. The final rates were submitted to the Board of Visitors in April. This process allowed the University to incorporate into the tuition and fee proposals the impact of actions taken by the General Assembly session each year.

For 1996-97 the University altered the timetable for the development and approval of tuition and fee rates because of increasing demands to provide tuition and fee charges earlier to university offices and to students and parents. This is particularly important for prospective students who are considering other institutions. Finalizing these rates earlier in the year helps students plan for the financial costs of the upcoming academic year, helps students make decisions such as attendance at summer school, and allows the University Scholarships and Financial Aid Office to deliver more timely and effective financial aid award information to current and prospective students.

For 2004-05, the University had to manage within a delayed time frame of an extended legislative session. As a result, the Board of Visitors delegated authority to the University's President and Executive Vice President to establish tuition and fees within certain guidelines at the March 2004 Board of Visitors meeting.

For 2006-07, the legislative session has again been delayed. The General Assembly adjourned on Saturday, March 11, 2006, without reaching agreement on a budget for 2006-08. The Governor has requested a special session to begin on March 27, 2006, after a two week delay.

Since the 2006 General Assembly has not reconciled the difference between the House and Senate budget and will not complete this task prior to the University's March Board of Visitors meeting, the University made assumptions regarding the amount of incremental General Fund support that the University will receive in 2006-07. The assumptions are based upon currently available information through the House and Senate budget proposals.

Based on these assumptions, the University has developed tuition and fees rates for 2006-07 that represent the maximum tuition and fees rates for which the University believes is appropriate for implementation effective with the fall semester 2006. These rates are consistent with the range of rates specified between the University's six-year financial plan optimistic funding scenario (full General Fund support as defined by the Base Budget Adequacy model) and the pessimistic scenario (no additional increase in General Fund support) and include the need to address dramatic increases in energy costs that were not envisioned in the six year plans. This approach makes it possible to continue the traditional schedule of bringing tuition and fee recommendations to the Board of Visitors at the March meeting, and it allows the University to provide prospective students and families with timely information regarding new rates for tuition and fees.

Tuition

No caps are included by the General Assembly for resident or nonresident undergraduate students or graduate students, but total revenue must be within nongeneral fund limits. The attached recommendations are within the University's nongeneral fund authority.

The annual rates proposed for 2006-07 are shown below:

Full-Time Students

	<u>Actual</u> <u>2005-06</u>	<u>Proposed</u> <u>2006-07</u>
<u>Undergraduate</u>		
Residents	\$ 4,959	\$5,450
Nonresidents	16,298	17,406
<u>Graduate</u>		
Resident On-Campus	6,558	7,017
Nonresident On-Campus	11,296	12,414
Resident Off-Campus	7,311	7,823
Nonresident Off-Campus	12,139	13,341

The semester rates equal one-half of the annual rates.

Part-Time Students

Part-time tuition charges for all student categories are derived from the full-time rate and are directly related to the number of credit hours taken. For tuition calculation purposes, the full-time undergraduate semester rate is divided by 12 credit hours and the full-time graduate student semester rate is divided by nine hours. The proposed per hour charges for 2006-07 are:

	<u>Actual</u> <u>2005-06</u>	<u>Proposed</u> <u>2006-07</u>
<u>Undergraduates</u>		
Resident	\$206.75/hour	\$227.00/hour
Nonresident	679.00/hour	725.25/hour
<u>Graduates</u>		
Resident On-Campus	364.25/hour	389.75/hour
Nonresident On-Campus	627.50/hour	689.75/hour
Resident Off-Campus	406.25/hour	434.50/hour
Nonresident Off-Campus	674.50/hour	741.25/hour

Veterinary Medicine

When the Virginia-Maryland Regional College of Veterinary Medicine was formed, the two states agreed to provide equal contributions (per student) to the instructional operating budget. It was also agreed that both Virginia and Maryland students would pay the same resident tuition rate. The tuition agreement has been sustained since the first class was admitted. Until 1996-97 only residents of Virginia and Maryland were admitted for study in the professional veterinary medicine curriculum.

Effective for the Fall 1996, the enrollment policy was modified to admit 10 nonresident students (i.e. non-Virginia and non-Maryland residents) per year until fully implemented in the fall of 1999. This results in a total enrollment of 40 nonresident students. This change did not affect the enrollment totals for Virginia or Maryland.

Each year the tuition proposal is reviewed with the Virginia-Maryland Regional College of Veterinary Medicine Budget and Program Review Board (established to review the college's budget and comprised of representatives from Virginia Tech and the University of Maryland). The University, in conjunction with the Budget and Program Review Board, proposes to increase the tuition rates for all veterinary medicine students for 2006-07. The current and proposed annual tuition rates are displayed below:

	<u>Actual</u> <u>2005-06</u>	<u>Proposed</u> <u>2006-07</u>
VirginiaMaryland Students	\$12,350	\$13,215
Nonresident Students	29,430	32,049

Special Tuition Rate for Elementary and Secondary School Personnel

The original policy regarding special tuition rates for elementary and secondary school personnel was approved in 1984 and allowed public school teachers to attend graduate classes at Virginia Tech on a reduced tuition schedule for purposes of recertification. Recertification is a statewide requirement and one that can strengthen the total education system. The original policy underscored the University's commitment to improving the quality of elementary and secondary education through the continued education of elementary and secondary school teachers.

In January 1989 the Board of Visitors approved a revised policy. Teachers, counselors, administrators, and supervisors employed by elementary and secondary school systems in the Commonwealth of Virginia may enroll in graduate classes, both on-campus and at off-campus locations, and pay approximately 60 percent of the authorized tuition rate. The Board of Visitors also expanded the policy in two ways: First, all elementary and secondary school personnel are now eligible for the reduced tuition rate. Secondly, all graduate hours qualify for the plan, not just recertification hours. Further, elementary and secondary school personnel may enroll in an unlimited number of graduate courses for the purpose of recertification or for an advanced degree.

In February 1999 the Board of Visitors approved an expansion of the special tuition rate to include undergraduate-level courses for vocational teachers who do not have a bachelor's degree.

The special instructional fees for elementary and secondary school personnel are 60 percent of the corresponding on-campus rates. The following table shows the proposed special rates per credit hour for 2006-07 Virginia residents:

	<u>Actual</u> <u>2005-06</u>	<u>Proposed</u> <u>2006-07</u>
<u>Undergraduate</u>		
Special rate for school personnel	\$124.00/hour	\$136.00/hour
<u>Graduate</u>		
Special rate for school personnel	219.00/hour	234.00/hour

Special Tuition Rate for Study-Abroad Programs

Providing the opportunity for students to study abroad is an important strategy in strengthening the international programs of Virginia Tech, an objective of both the University and the Commonwealth, as specified in the report of the Commission on the University of the 21st Century. Examples of study-abroad programs being led by University faculty in 2005-06 include: College of Agriculture and Life Sciences in Ecuador and the Galapagos Islands; College of Architecture and Urban Affairs in Central Europe, England, Greece, Italy, Spain and Portugal, Switzerland, and Western Europe; Pamplin College of Business in Asia (China, Vietnam, Cambodia, Hong Kong), Austria, Dominican Republic, France, Greece and Turkey, Italy and Switzerland, Japan and South Korea, Singapore and Malaysia, and South Africa; College of Engineering in Germany and Egypt; College of Liberal Arts and Human Sciences in Dominican Republic, England, France, Germany, Greece, Malawi, Mexico, Russia, Senegal, Spain, Switzerland and Italy, and Western Europe; College of Natural Resources in the Dominican Republic, Belize and Australia; College of Science in Italy and Switzerland, and Ecuador and the Galapagos Islands. Other programs taught in 2005-06 will be offered again in 2006-07. During Spring 2006, Virginia Tech is offering a new semester-long program in the Dominican Republic taught by University faculty; this new program is a key part of our regional strategy for the Caribbean area. There are approximately 35 faculty-led programs, with an average of 15 students participating in each program.

A special tuition rate has been approved previously by the Board of Visitors for students who participate in the various study-abroad programs operated by the University. The special tuition rate reflects instructional services that all students receive, but excludes the cost of on-campus services.

In 2005-06 the study abroad rate was 80 percent of the on-campus tuition rates. The University proposes to continue the special tuition rate for study-abroad programs. Consistent with prior years, the special tuition rate for study-abroad would not apply for students studying at the Center for European Studies and Architecture. The following table shows the proposed special rates per credit hour for 2006-07:

	<u>Actual 2005-06</u>	<u>Proposed 2006-07</u>
<u>Undergraduates</u>		
Resident special rate	\$165.00/hour	\$182.00/hour
Nonresident special rate	543.00/hour	580.00/hour
<u>Graduates</u>		
Resident special rate	\$291.00/hour	\$312.00/hour
Nonresident special rate	502.00/hour	552.00/hour

Academic Fee

To meet the Board's identified priority of supporting the Educational and General program of the institution, an academic fee was established in 2004-05 for all students. The revenue is allocated to support the academic quality of the University's Educational and General program. A \$25 increase in the regular session fee is recommended for 2006-07. Part-time students pay one-half of the fee.

The discounts applicable to tuition for Virginia Elementary and Secondary School Personnel and for Study-Abroad Programs are also continued for the academic fee.

	<u>Actual 2005-06 Annual Fee</u>	<u>Proposed 2006-07 Annual Fee</u>
Full-time		
Regular	\$ 300.00	\$ 325.00
Virginia School Personnel	180.00	195.00
Study Abroad	240.00	260.00
Part-time		
Regular	150.00	162.50
Virginia School Personnel	90.00	97.50

Technology Service Fee

In accordance with the language in the 1998 Appropriation Act, the University implemented an Educational and General technology service fee effective with the 1998 fall semester. The fee is \$38 per academic year or \$19 per semester for full-time students. Part-time students pay half the full-time rate. The technology fee is paid by all students. The technology service fee will remain the same in 2006-07.

Capital and Equipment Fee

The 2003 General Assembly required the establishment of a capital fee to be assessed to all nonresident students at institutions of higher education for 2003-04. The funding raised is utilized to pay an assessment made by the Virginia College Building Authority for debt service on bonds issued under the 21st Century Program. The 2004 General Assembly increased the nongeneral fund portion of lease payments for the 2004-06 allocation of equipment under the Higher Education Equipment Trust fund. The General Assembly stipulated the source of the nongeneral funds be an increase in fees for nonresident students at public institutions of higher education starting in 2005-06. The 2005-06 capital and equipment fee of \$120 per academic year or \$60 per semester for full-time students will continue in 2006-07. Part-time students pay one-half the full-time rate. The capital and equipment fee will be paid by all nonresident students.

Comprehensive Fee

In 2005-06, students attending Virginia Tech paid a Comprehensive Fee to support six different services. The Student Activity Fee, the Athletic Fee, the Bus Fee, the Student Health Service Fee, the Recreational Sports Fee, and the Student Services Fee are consolidated into one fee in order to streamline the process for collecting and accounting for these charges. In 2005-06, the annual Comprehensive Fee is \$1,081 per student. The \$1,081 per student fee is the lowest Comprehensive Fee charged by any four-year institution in Virginia. Comprehensive fees at the other five doctoral institutions range from \$1,373 to \$2,963.

Individual descriptions and recommended amounts for 2006-07 are given below for each component of the Comprehensive Fee.

Student Activity Fee

Full-time students currently pay \$248 annually for the Student Activity Fee, which covers the debt retirement, maintenance and operation of the student centers, and supports student activities as determined by the Student Budget Board. Part-time students pay one-half of this fee. A \$32 increase in the Student Activity Fee is recommended for 2006-07 to cover legislated salary increases, adjustments to fringe benefit rates, reorganization of the Division of Student Affairs leadership of the University Unions & Student Activities, an inflationary increase in student budget board funding, increased utility costs, the shared cost of operating the Graduate Life Center in cooperation with Student Programs, an increase in the administrative charge rate, to offset a slight decline in self-generated revenue, and to maintain facilities. If approved, the current \$248 per year charge will be replaced by a \$280 annual, or \$140 per semester, charge in the 2006-07 academic year.

Health Service Fee

Full-time students currently pay \$252 per year for normal medical and nursing attention and counseling services provided by University Student Health Services and Cook Counseling Center. Part-time students may elect to pay the fee for health service coverage. A \$17 increase in the Health Service Fee is recommended for 2006-07 to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to physician salaries, increased utility costs, an increase in the administrative charge rate, and to maintain facilities. If approved, the current \$252 per year charge will be replaced by a \$269 annual, or \$134.50 per semester, charge in the 2006-07 academic year.

Athletic Fee

Full-time students currently pay \$232 per year to support a portion of the athletic program operations. Part-time students may elect to pay the Athletic Fee. The student fee revenue covers the costs of athletic administration and sponsoring intercollegiate varsity sports that do not generate revenue. This fee entitles students to free admission into sporting events. No change in the Athletic Fee is proposed for 2006-07. The Athletic Fee has not increased since Fall 1998.

Bus Fee

Students enrolled at Virginia Tech have unlimited access to bus transportation provided by the Blacksburg Transit System through a contract the University negotiates with the Town of Blacksburg each year. In the current year, students pay \$80 per year for unlimited ridership. An estimated 2.6 million student trips on the Blacksburg Transit will occur in 2005-06. In addition to the convenience for students, the bus system saves the University considerable resources by lowering requirements for on-campus parking.

A \$7 increase in the Bus Fee is recommended for 2006-07 to accommodate the projected increase in the contract with the Town of Blacksburg, primarily due to increased fuel costs and personnel services costs. The current \$80 per year charge will be replaced by an \$87 annual, or \$43.50 per semester, charge in the 2006-07 academic year. Part-time students pay one-half of the fee.

Recreational Sports Fee

Full-time students currently pay \$156 annually for the Recreational Sports Fee, which supports debt retirement, maintenance, operations, intramural and extramural sports club programs, and recreational activities. Part-time students pay one-half of the fee. A \$7 increase in the Recreational Sports Fee is recommended for 2006-07 to cover legislated salary increases, adjustments to fringe benefit rates, increased utility and fuel costs, an increase in the administrative charge rate, and to maintain facilities. If approved, the current \$156 per year charge will be replaced by a \$163 annual, or \$81.50 per semester, charge in the 2006-07 academic year.

Student Services Fee

Full-time students currently pay \$113 annually for the Student Services Fee, which supports the debt retirement and operation of the Career Services facility; non self-supporting student services components of the Hokie Passport office, including the cost of new student IDs; a portion of the Office of Judicial Affairs; and the cost of maintaining the campus' wireless network.

A \$16 increase in the Student Services Fee is recommended in 2006-07 to cover legislated salary increases, adjustments to fringe benefit rates, alignment of the personnel services budget, the continuation of a graduate assistant position in Judicial Affairs that was previously funded by a special purpose grant, increased utility costs, an increase in the administrative charge rate, and the second year of a three year phase-in of the ongoing cost of maintaining the wireless network to ensure a sustainable network environment with unlimited access for students.

If approved, the current Student Services Fee of \$113 will be replaced with a \$129 annual, or \$64.50 per semester, fee in the 2006-07 academic year. Part-time students would pay one-half of this fee.

Summary of Comprehensive Fee

	Actual 2005-06 <u>Annual Fee</u>	Proposed 2006-07 <u>Annual Fee</u>
Student Activity Fee	\$ 248	\$ 280
Health Service Fee	252	269
Athletic Fee	232	232
Bus Fee	80	87
Recreational Sports Fee	156	163
Student Services Fee	<u>113</u>	<u>129</u>
Total	\$1,081	\$1,160

Room and Board Charges

The University's Residential and Dining Programs serve students by providing on-campus housing and dining services. Generally, all entering freshmen must live on campus, and housing is available on a limited basis for returning students who choose to live on campus at the fee approved by the Board of Visitors. The University establishes optional room and board rates based on a direct derivation of the Board-approved fee and to appropriately reflect costs for Summer Session and summer conferences. All students living on campus must select a meal plan; off-campus students may elect to participate in one of the meal plan programs.

Virginia Tech has the lowest combined room and board rates in the Commonwealth. Individual descriptions and suggested amounts for 2006-07 are given below for each of the programs.

Room Fees

A 9.85 percent increase is proposed for room rates to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to staff salaries, increased utility costs, an increase in the administrative charge rate, other fixed costs increases, the on-going furnishings repair and replacement program, and the maintenance of facilities. The dollar increase will range from \$218 per year to \$426 per year for undergraduate and graduate housing.

Included within the dormitory rate is a \$309 charge for the University's telecommunication system. Since 1988, voice, video, and data services have been provided for all dormitory residents. In the Fall of 1998, the University completed upgrades to the data connections to provide one Ethernet port per student in each of the residence hall rooms. No increase in the telecommunications portion of the room fee is proposed for 2006-07.

The proposed room rates by location are listed below:

	<u>Actual 2005-06 Annual Fee</u>	<u>Proposed 2006-07 Annual Fee</u>	
Upper Quad	\$2,200	\$2,418	
Lower and Prairie Quad	2,346	2,578	
Cochrane Hall	2,864	3,148	
Special Purpose	2,936	3,226	
Payne Park			
- Traditional - Single	3,540	3,890	
- Traditional - Double	2,584	2,840	
- Suite - Single	4,310	4,736	
- Suite - Double	3,120	3,428	
Hillcrest			
- Double	2,850	3,132	
- Single	3,882	4,266	
Main Campbell			
- Double	2,648	2,910	
- Single	3,606	3,962	
Graduate Life Center at Donaldson Brown			
- Double	3,120	3,428	(a)
- Single	4,310	4,736	(a)

(a) For 2005-06, the University provided room fee incentives to graduate students residing at the Graduate Life Center in the amounts of \$510 for single rooms and \$370 for double rooms, reducing the regular room fees shown to \$3,800 and \$2,750, respectively. These incentives will be decreased in 2006-07 to \$255 for single rooms and \$185 for double rooms, reducing the regular room fees shown to \$4,481 and \$3,243, respectively.

Board Fees

Prior to 2002-03, Virginia Tech students living on-campus had a choice of two types of meal plans: traditional meal plans based on a self-selected number of meals per week and Flex Plans designed for students who eat their meals during non-traditional hours or prefer the à la carte facilities. The Flex Plan operates like a debit account with a designated amount for the purchase of food in the dining facilities. Students are able to increase their Flex account balance during the year by depositing cash to their Flex accounts. Consistent with purchasing power of traditional meal plans, the intent of annual rate changes for the Flex Plan is to hold overall purchasing power constant year-to-year.

In response to the success of the Flex Plan and student demand for more flexible dining options, the University restructured the meal plan offerings in 2002-03. Two new meal plans were offered, the 15 meals per week plus \$50 Flex Dollars and 10 meals per week plus \$30 Flex Dollars. These new plans are based on the traditional meal plan concept while also providing flexible dining options for students.

Since 2002-03, student sales of Flex Plans have steadily increased annually while a steadily decreasing number of students are opting to purchase the hybrid plans (the 15 and 10 meals per week Plus Plans). To streamline the meal plan offering and increase operating efficiency, a proposal was made to the Student Advisory Committee to eliminate these hybrid plans and offer only flex plans. The Committee approved the proposal and recommended two on-campus flex plans, a new Mega Flex Plan and continuation of the Major Flex Plan. The Mega Flex plan is intended to ensure sufficient flexibility for expanded and enhanced dining options.

In addition to restructuring the types of meal plans offered, a 3.74 percent increase is proposed for board fees to cover legislated salary increases, adjustments to fringe benefit rates, adjustments to staff salaries, increases in food and contract costs, increased utility costs, an increase in the administrative charge rate, and facility maintenance costs.

The proposed board rates by meal plan program are listed below:

	Actual 2005-06 <u>Annual Fee</u>	Proposed 2006-07 <u>Annual Fee</u>
Major Flex Plan	\$2,110	\$2,188
Mega Flex Plan (new)	Not offered	2,378
15-meal plus \$50 Flex Dollars	2,176	Not offered
10-meal plus \$30 Flex Dollars	1,952	Not offered

Fee Rates for the Center for European Studies and Architecture

The Center for European Studies and Architecture (CESA) in Lugano, Switzerland, opened in the Fall of 1993. The Center serves as a resident educational facility for Virginia Tech students from many academic programs. Providing the opportunity for students to study abroad is an important strategy in strengthening the international programs of Virginia Tech, an objective of both the University and the Commonwealth.

For purposes of financing the operations of the Center, two separate programs are maintained. First, all instructional costs are accounted for in the Educational and General program of the University Division. Second, the housing, dining, and student activity auxiliary enterprise programs are recorded within the University's Residential and Dining Hall System. The Ferrari Foundation, the University's Swiss subsidiary corporation, manages the day-to-day activities of the Center.

Prior to the Fall of 1997, special-reduced tuition rates were in effect for students who studied at the Center to encourage student participation in this new program. After three years of experience, the University believed that student interest and demand had increased to the point that maximum participation levels could be maintained without continuing the tuition discount. Since the fall of 1997, students attending the Center for European Studies and Architecture have been assessed the same tuition as on-campus students. It is recommended that this tuition policy continue.

For housing and dining services at the Center, the proposed fees are higher than on-campus rates to reflect the higher cost of living at the Center. Students are not required to pay the on-campus Comprehensive Fee while studying abroad. Students currently pay a \$103 CESA student activity fee, which provides students with community-building social and recreational events and activities. The University proposes that the CESA student activity fee remain the same for the 2006-07 academic year. However, the Center will experience two major changes in 2006-07 that will increase the cost of room and board. The lease of the La Pabiana student housing facility is no longer available, necessitating the acquisition of alternative housing for 19 students at significantly increased cost. Additionally, the Center will have to begin paying the Swiss government's value added tax on the cost of food and lodging at an estimated tax rate of 3%. For 2006-07, a \$553 increase in the room and board fee is proposed to cover increased operating costs, including increased student housing lease costs and the new value added tax. If approved, the students attending the Center for European Studies will pay \$5,285 per semester for room and board.

The University proposes the following semester rates for Virginia Tech students:

	Actual 2005-06 <u>Semester Rate</u>	Proposed 2006-07 <u>Semester Rate</u>
CESA Student Activity Fee	\$ 103	\$ 103
CESA Room and Board Costs	4,629	5,182

Parking Fee

The General Assembly directed institutions of higher education to organize parking services as an auxiliary enterprise operation in 1989. The expenditure of General Fund dollars for the maintenance or improvement of parking lots and facilities was prohibited. Accordingly, Virginia Tech established the Parking Services Auxiliary at the beginning of fiscal year 1989-90 and instituted a fee for faculty, staff, and students who parked in campus lots. For 2005-06, the annual parking fee is \$89 for faculty and staff and \$68 for students. The fee revenue covers the costs of operating, constructing, maintaining, and improving the parking lots and facilities. Annual parking fees at the other five Virginia doctoral institutions currently range from \$140 to over \$200 for students and faculty/staff, dependent upon the type and proximity of parking facilities utilized.

The University proposes to increase the annual parking fee for faculty and staff from \$89 to \$106 and the student fee from \$68 to \$81 for 2006-07 to cover legislated salary increases, adjustments to fringe benefit rates, an increase in the administrative charge rate, a decline in self-generated revenue (parking fines), debt service costs related to the new Smithfield Road parking lot, and project design costs for a new parking deck facility. The University also proposes to continue to provide a parking rate discount to encourage car-pooling in an effort to reduce the amount of vehicular traffic on campus.

Orientation Fee

The current matriculation fee of \$400 provides \$100 for the new student orientation program with the remainder credited towards the student's tuition and housing bill. The orientation fee revenue covers the costs of operating student orientation programs. Due to the communication cycle with potential incoming students, a significant lead-time is desired to manage changes to the orientation fee in a coordinated manner. For Summer 2007, the University proposes to increase the orientation fee by \$20 to a total of \$120 to accommodate increased room and board costs and associated orientation program costs. The University benchmarked Virginia and SCHEV Peer Institution's orientation fees and, at \$120, Virginia Tech's orientation fee will remain very competitive with these institutions.

Summary of Tuition and Fee Rates

A summary of the recommended tuition rates is shown on Schedule 1 and 1.1, and a summary of fees is attached on Schedule 2. Also, the total cost for students to attend Virginia Tech is detailed on Schedule 3 for undergraduate students and Schedule 4 for graduate students.

RECOMMENDATION:

That the proposed increases in the tuition and fee rates be approved, effective Fall Semester 2006.

VIRGINIA TECH

2006-07 TUITION RECOMMENDATIONS

SUMMARY OF ANNUAL CHARGES

RECOMMENDATION

	Adjusted 2005-06 Charge	Proposed Total for 2006-07	Increase	
			\$	%
Undergraduate Students				
Resident	\$4,959	\$5,450	\$491	9.9%
Nonresident	16,298	17,406	1,108	6.8%
Graduate Students				
On-Campus Programs				
Resident	\$6,558	\$7,017	\$459	7.0%
Nonresident	11,296	12,414	1,118	9.9%
Off-Campus Programs				
Resident	\$7,311	\$7,823	\$512	7.0%
Nonresident	12,139	13,341	1,202	9.9%
Veterinary Medicine				
Virginia/Maryland	\$12,350	\$13,215	\$865	7.0%
Out-of-State Non-Maryland	29,430	32,049	2,619	8.9%

VIRGINIA TECH
2006-07 SPECIAL TUITION RATES
SUMMARY OF HOURLY RATES

	Adjusted 2005-06 Charge	Proposed Total for 2006-07	Increase	
			\$	%
<u>Regular Part-Time Students (a)</u>				
<u>Undergraduate Students</u>				
Resident	\$ 206.75	\$ 227.00	\$ 20.25	9.8%
Nonresident	679.00	725.25	46.25	6.8%
<u>Graduate Students</u>				
On-Campus Programs				
Resident	364.25	389.75	25.50	7.0%
Nonresident	627.50	689.75	62.25	9.9%
Off-Campus Programs				
Resident	406.25	434.50	28.25	7.0%
Nonresident	674.50	741.25	66.75	9.9%
<u>School Personnel</u>				
Undergraduate Resident	\$ 124.00	\$ 136.00	\$ 12.00	9.7%
Graduate Resident	219.00	234.00	15.00	6.8%
<u>Study Abroad Programs (b)</u>				
Undergraduate Resident	\$ 165.00	\$ 182.00	\$ 17.00	10.3%
Undergraduate Nonresident	543.00	580.00	37.00	6.8%
Graduate Resident	291.00	312.00	21.00	7.2%
Graduate Nonresident	502.00	552.00	50.00	10.0%

- (a) Part-time tuition charges for all student categories are derived from the full-time rate and are directly related to the number of credit hours taken. For tuition calculation purposes, the full-time undergraduate semester rate is divided by 12 credit hours and the full-time graduate student semester rate is divided by nine hours.
- (b) Special tuition rates for study abroad do not include students studying at the Center for European Studies and Architecture.

VIRGINIA TECH

2006-07 FEE RECOMMENDATIONS

SUMMARY OF ANNUAL CHARGES

	2005-06 Charge	Proposed Total for 2006-07	Increase	
			\$	%
<u>Educational and General Fee</u>				
- Academic Fee	\$300	\$325	\$25	8.3%
- Technology Fee	\$38	\$38	\$0	0.0%
- Capital Fee				
Resident	\$0	\$0	\$0	-
Nonresident	120	120	0	0.0%
<u>Comprehensive Fee</u>				
- Student Activity Fee	\$248	\$280	\$32	12.9%
- Health Service Fee	252	269	17	6.7%
- Athletic Fee	232	232	0	0.0%
- Bus Fee	80	87	7	8.8%
- Recreational Sports Fee	156	163	7	4.5%
- Student Services Fee	113	129	16	14.2%
Total Comprehensive Fee	\$1,081	\$1,160	\$79	7.3%
<u>Room Fees</u>				
- Upper Quad	\$2,200	\$2,418	218	9.9%
- Pre-1983 Dormitories	2,346	2,578	232	9.9%
- Cochrane Hall	2,864	3,148	284	9.9%
- Special Purpose Housing	2,936	3,226	290	9.9%
- Payne Park				
- Traditional - Single	3,540	3,890	350	9.9%
- Traditional - Double	2,584	2,840	256	9.9%
- Suite - Single	4,310	4,736	426	9.9%
- Suite - Double	3,120	3,428	308	9.9%
- Hillcrest				
- Double Occupancy	2,850	3,132	282	9.9%
- Single Occupancy	3,882	4,266	384	9.9%
- Main Campbell				
- Double Occupancy	2,648	2,910	262	9.9%
- Single Occupancy	3,606	3,962	356	9.9%
- Graduate Life Center @ Donaldson Brown				
- Double Occupancy	3,120	3,428 (a)	n/a	n/a
- Single Occupancy	4,310	4,736 (a)	n/a	n/a
<u>Board Fees</u>				
- Major Flex Plan	\$2,110	\$2,188	\$78	3.7%
- Mega Flex Plan	Not offered	\$2,378	n/a	n/a
- 15-Meal Plan Plus \$50 Flex Dollars	2,176	Not offered	n/a	n/a
- 10-Meal Plan Plus \$30 Flex Dollars	1,952	Not offered	n/a	n/a

(a) For 2005-06, the University provided room fee incentives to graduate students residing at the Graduate Life Center in the amounts of \$510 for single rooms and \$370 for double rooms, reducing the regular room fees shown to \$3,800 and \$2,750, respectively. These incentives will be decreased in 2006-07 to \$255 for single rooms and \$185 for double rooms, reducing the regular room fees to \$4,481 and \$3,243, respectively.

VIRGINIA TECH

TOTAL COST TO STUDENTS

Comparison of 2005-06 and 2006-07 Annual Charges

UNDERGRADUATE STUDENTS

	2005-06 Charge	Proposed Total for 2006-07	Increase	
			\$	%
<u>Resident</u>				
Tuition	\$4,959	\$5,450	\$491	9.9%
Educational and General Fee	338	363	25	7.4%
Comprehensive Fee	1,081	1,160	79	7.3%
Subtotal All Resident Students	\$6,378	\$6,973	\$595	9.3%
Room (Pre-1983 Dorms)	2,346	2,578	232	9.9%
Board (Flex Plan)	2,110	2,188	78	3.7%
Subtotal Room and Board	\$4,456	\$4,766	\$310	7.0%
Total Cost for Residents Living on Campus	\$10,834	\$11,739	\$905	8.4%
<u>Nonresident</u>				
Tuition	\$16,298	\$17,406	\$1,108	6.8%
Educational and General Fee	458	483	25	5.5%
Comprehensive Fee	1,081	1,160	79	7.3%
Subtotal All Nonresident Students	\$17,837	\$19,049	\$1,212	6.8%
Room (Pre-1983 Dorms)	2,346	2,578	232	9.9%
Board (Flex Plan)	2,110	2,188	78	3.7%
Subtotal Room and Board	\$4,456	\$4,766	\$310	7.0%
Total Cost for Nonresidents Living on Campus	\$22,293	\$23,815	\$1,522	6.8%

VIRGINIA TECH
TOTAL COST TO STUDENTS
Comparison of 2005-06 and 2006-07 Annual Charges

	2005-06 Charge	Proposed Total for 2006-07	Increase	
			\$	%
<u>GRADUATE STUDENTS</u>				
On-Campus Programs				
<u>Resident</u>				
Tuition	\$6,558	\$7,017	\$459	7.0%
Educational and General Fee	338	363	25	7.4%
Comprehensive Fee	1,081	1,160	79	7.3%
Total Cost for Residents	\$7,977	\$8,540	\$563	7.1%
<u>Nonresident</u>				
Tuition	\$11,296	\$12,414	\$1,118	9.9%
Educational and General Fee	458	483	25	5.5%
Comprehensive Fee	1,081	1,160	79	7.3%
Total Cost for Nonresidents	\$12,835	\$14,057	\$1,222	9.5%
Off-Campus Programs				
<u>Resident</u>				
Tuition	\$7,311	\$7,823	\$512	7.0%
Educational and General Fee	338	363	25	7.4%
Total Cost for Residents	\$7,649	\$8,186	\$537	7.0%
<u>Nonresident</u>				
Tuition	\$12,139	\$13,341	\$1,202	9.9%
Educational and General Fee	458	483	25	5.5%
Total Cost for Nonresidents	\$12,597	\$13,824	\$1,227	9.7%
<u>VETERINARY MEDICINE</u>				
Virginia/Maryland Students				
Tuition	\$12,350	\$13,215	\$865	7.0%
Educational and General Fee	338	363	25	7.4%
Comprehensive Fee	1,081	1,160	79	7.3%
Total Cost for Virginia/Maryland Students	\$13,769	\$14,738	\$969	7.0%
Out-of-State Students				
Tuition	\$29,430	\$32,049	\$2,619	8.9%
Educational and General Fee	458	483	25	5.5%
Comprehensive Fee	1,081	1,160	79	7.3%
Total Cost for Out-of-State Students	\$30,969	\$33,692	\$2,723	8.8%

Virginia Polytechnic Institute and State University 2006-07 Compensation for Graduate Assistants

Graduate students who work as graduate assistants while pursuing the master's or doctoral degrees provide a valuable service to the university. Many teach undergraduate classes. Others support faculty in scholarly and sponsored research activities. To be competitive in the recruitment and retention of high quality graduate students, it is important for the University to provide compensation packages that are comparable with those offered by peer institutions. The key components of the compensation packages are competitive stipends, tuition assistance, and health insurance.

Graduate Stipends

One of the primary goals of Virginia Tech during the 1980s was to build a graduate stipend schedule that was competitive with those offered by comparable institutions. A stipend table was developed and levels have been adjusted each year. Individual amounts within the table were realigned to eliminate perceived discrepancies, and a new category was added for graduate students working on sponsored research projects. In the 1990's, the university developed a more comprehensive program of tuition scholarships for graduate students. Four sources finance the tuition program: the General Fund appropriation for student financial assistance, a scholarship program in the Educational and General budget, tuition payments in grants and contracts, and private gifts. To respond to increasing competition for quality graduate students among peer institutions, the graduate student stipend scale was revised for Fall 2003 and approved by the Board to better position Virginia Tech departments and to reflect the minimum stipend levels authorized by the National Science Foundation. The Fall 2004 stipend scale added ten additional stipend steps, numbered 41-50, to increase the University's competitive position in attracting outstanding PhD students.

The University proposes to advance the stipend scale for 2006-07 by continuing the previously approved November 2005 increase of 3.0% and by overlaying a 3.0% stipend increase that would normally be effective November 2006. In conformity with the treatment of stipend increases in prior years, the University would establish the effective date of the increases as August 10, 2006 rather than November 25, 2006 with an offsetting decrease to the stipend increase percentage. The shift to the beginning of the Fall academic term does not affect the total compensation for the graduate students; rather, it spreads the increase over the entire academic year. Further, the University realizes administrative process savings and student recruitment advantages by making the adjustment to the effective date.

The 2006-07 graduate stipend compensation plan is described in the attached schedule.

Health Insurance Premium Compensation

At the March 2001 meeting of the Board of Visitors, a health insurance program for graduate students on assistantship was approved as a part of the graduate student compensation package to enhance the University's competitiveness in recruiting highly qualified graduate students. The program was initially designed to help full-time graduate students receiving a full or partial assistantship, including graduate research assistants, graduate teaching assistants, and graduate assistants, offset a portion of the cost of health insurance premiums. In 2005-06, the Board of Visitors authorized coverage of 70%* of the annual premium for insurance obtained through the University.

For 2006-07, the University proposes to continue to increase its support for the graduate health insurance program, in accordance with its strategic objectives, by moving the percentage of the annual covered premium cost from 70% to 75%.

In order to qualify, full-time graduate students must have a 50% or greater appointment. Graduate students also have the option to decline coverage if they so choose.

RECOMMENDATION:

That the stipend levels and graduate health insurance program be approved.

* In 2005-06, the University provided 70% of the \$1,472 annual premium cost of the Basic Plan, which provided a \$300 annual deductible, \$1,500 out of pocket maximum, a \$25 plus 20% co-pay for doctor's visits, and a \$50,000 maximum benefit. Students can obtain higher coverage levels, including dental and vision coverage, for an additional cost.

2006-07 Full-Time Graduate Monthly Stipend Compensation

Effective August 10, 2006

Attachment R

	2006-07 *		
	<u>Monthly</u>	<u>9 Month</u>	<u>12 Month</u>
Step 1	1,165	10,485	13,980
Step 2	1,211	10,899	14,532
Step 3	1,256	11,304	15,072
Step 4	1,299	11,691	15,588
Step 5	1,344	12,096	16,128
Step 6	1,390	12,510	16,680
Step 7	1,435	12,915	17,220
Step 8	1,480	13,320	17,760
Step 9	1,525	13,725	18,300
Step 10	1,569	14,121	18,828
Step 11	1,613	14,517	19,356
Step 12	1,658	14,922	19,896
Step 13	1,704	15,336	20,448
Step 14	1,748	15,732	20,976
Step 15	1,793	16,137	21,516
Step 16	1,838	16,542	22,056
Step 17	1,883	16,947	22,596
Step 18	1,928	17,352	23,136
Step 19	1,973	17,757	23,676
Step 20	2,018	18,162	24,216
Step 21	2,062	18,558	24,744
Step 22	2,106	18,954	25,272
Step 23	2,152	19,368	25,824
Step 24	2,197	19,773	26,364
Step 25	2,241	20,169	26,892
Step 26	2,286	20,574	27,432
Step 27	2,332	20,988	27,984
Step 28	2,377	21,393	28,524
Step 29	2,421	21,789	29,052
Step 30	2,466	22,194	29,592
Step 31	2,510	22,590	30,120
Step 32	2,555	22,995	30,660
Step 33	2,600	23,400	31,200
Step 34	2,646	23,814	31,752
Step 35	2,689	24,201	32,268
Step 36	2,734	24,606	32,808
Step 37	2,780	25,020	33,360
Step 38	2,825	25,425	33,900
Step 39	2,870	25,830	34,440
Step 40	2,914	26,226	34,968
Step 41	2,960	26,640	35,520
Step 42	3,004	27,036	36,048
Step 43	3,049	27,441	36,588
Step 44	3,095	27,855	37,140
Step 45	3,140	28,260	37,680
Step 46	3,184	28,656	38,208
Step 47	3,229	29,061	38,748
Step 48	3,274	29,466	39,288
Step 49	3,319	29,871	39,828
Step 50	3,364	30,276	40,368

* Continues the 3% increase for November 25, 2005 and overlays 11/18 of 3% increase scheduled for November 25, 2006

VIRGINIA TECH

FINANCIAL PERFORMANCE REPORT

Operating and Capital Expenditures

July 1, 2005 to December 31, 2005

FINANCIAL PERFORMANCE REPORT

The Financial Performance Report of income and expenditures is prepared from two sources: actual accounting data as recorded at Virginia Tech and with the Commonwealth of Virginia, and the annual budgets. The actual accounting data reflect the modified accrual basis of accounting, which recognizes revenues when received rather than when earned and the expenditures when obligated rather than when paid. The annual budgets are based upon the amount of funds anticipated, approved, and appropriated to Virginia Tech by the General Assembly and the Governor of the Commonwealth of Virginia before the beginning of the fiscal year. The projected year-end budgets reflect adjustments to incorporate actual experience during the fiscal year. The adjustments are coordinated with the State Department of Planning and Budget.

The July to December 2005-06 budget (year-to-date) is prepared from historical data and reflects trends in expenditures from previous years. Differences between the actual income and expenditures and the year-to-date budget may occur for a variety of reasons, such as an accelerated or delayed flow of documents through the accounting system, a change in spending patterns at the college level, or increases in revenues for a particular area.

Quarterly budget estimates are prepared to provide an intermediate measure of income and expenditures. Actual revenues and expenditures may vary from the budget estimates. The projected year-end budgets are, however, the final measure of accountability since the institution has a legislative mandate to remain within the total revenue and expenditure amounts appropriated by the General Assembly for the two divisions of Virginia Tech, including transfers from the Commonwealth's Central Appropriation for classified salary increase and fringe benefit rate changes.

OPERATING BUDGET

1. Tuition and Fee revenue is higher than historical projections through the second quarter due to earlier collections and the timing of awards of unfunded scholarships.
2. All Other Income is higher than projections due to higher than projected revenues at the Equine Medical Center and Veterinary Teaching Hospital and increased programming revenues from continuing education courses. During the third quarter the University will evaluate the need for changes in the annual budgets of these programs.
3. Expenses in Support Programs are ahead of historical projections due to the timing of operating expenditures.
4. The budget for federal revenue is established to match projected allotments from the federal government. All expenses in federal programs are covered by drawdowns of federal revenue up to allotted amounts. Federal revenue in the Cooperative Extension/Agricultural Experiment Station Division was less than the projected budget due to lower-than-anticipated federal expenditures and the timing of receipt of federal drawdowns.
5. Expenses in the Cooperative Extension/Agricultural Experiment Station Division are lower than historical budget projections due to salary savings from vacant positions in the current year. These savings will be redistributed during the remainder of the year to operating accounts.
6. Quarterly and projected annual variances are explained in the Auxiliary Enterprises section of this report.
7. Historical patterns have been used to develop a measure of the revenue and expenditure activity for Sponsored Programs. Actual revenues and expenses may vary from the budget estimates because projects are initiated and concluded on an individual basis without regard to fiscal year. Total sponsored revenue and expenditures are less than projected, but expenditures are ahead of 2004-05 activity levels, and the rate of growth in sponsored programs is increasing.
8. Expenses for Student Financial Assistance through the second quarter are higher than projected due to the timing of the student financial aid awards. Awards for graduate scholarships are being processed earlier than last fiscal year.
9. The General Fund revenue budget has been increased by \$219,087 for a transfer from Student Financial Assistance to the Educational and General program for assistantships in the Multicultural Academic Opportunities Program, by \$31,832 for VIVA libraries distribution costs and by \$150,075 to match the actual central appropriations transfer for fringe benefits. The corresponding expenditure budgets have been adjusted accordingly.
10. During the first quarter, two technical adjustments were made to the Tuition and Fee revenue budget. First, the revenue budget was reduced by \$415,254 to properly reflect the Commonwealth's assessment of non-general fund support for the equipment trust fund program. The second adjustment was a \$728,458 reduction for additional unfunded graduate scholarships. The annual budget for Tuition and Fees has also been increased by \$3,000,000 for strong fall enrollments. The corresponding expenditure budgets have been adjusted accordingly.
11. The revenue budget for All Other Income has been increased by \$1,500 for photography revenue and decreased by \$7,099 to properly reflect the adjusted lease agreement for the NOVA Center bookstore. The corresponding expenditure budgets have been adjusted accordingly.
12. The General Fund revenue budget for the Cooperative Extension/Agricultural Experiment Station Division has been increased by \$158,489 to match the actual central appropriations transfer for fringe benefits. The corresponding expenditure budgets have been adjusted accordingly.
13. The projected year-end revenue and expense budgets for Student Financial Assistance were reduced by \$219,087 for the transfer from Student Financial Assistance to the Educational and General program for assistantships in the Multicultural Academic Opportunities Program and increased for the reappropriation of \$9,585 in unexpended balances from the prior fiscal year.
14. The projected year-end budgets in All Other Programs were adjusted to recognize the proceeds from the sale of the King Air aircraft. This balance has been earmarked for a portion of the new aircraft lease payment. The remaining balance will be utilized for these payments over multiple years.

**OPERATING BUDGET
2005-06**

Attachment S

Dollars in Thousands

	July 1, 2005 to December 31, 2005			Annual Budget for 2005-06		
	Actual	Budget	Change	Original	Adjusted	Change
Educational and General Programs						
<u>University Division</u>						
Revenues						
- General Fund	\$157,313	\$157,313	\$0	\$155,748	\$156,149	\$401 (9)
- Tuition and Fees	121,819	120,195	1,624 (1)	209,499	211,356	1,857 (10)
- All Other Income	16,457	14,392	2,065 (2)	27,533	27,527	-6 (11)
Total Revenues	\$295,589	\$291,900	\$3,689	\$392,780	\$395,032	\$2,252
Expenses						
- Academic Programs	\$-125,665	\$-125,270	\$-395	\$-250,617	\$-250,457	\$160 (9, 10, 11)
- Support Programs	-71,526	-70,253	-1,273 (3)	-142,163	-144,575	-2,412 (9, 10, 11)
Total Expenses	\$-197,191	\$-195,523	\$-1,668	\$-392,780	\$-395,032	\$-2,252
NET	\$98,398	\$96,377	\$2,021	\$0	\$0	\$0
<u>CE/AES Division</u>						
Revenues						
- General Fund	\$60,347	\$60,347	\$0	\$60,112	\$60,270	\$158 (12)
- Federal Appropriation	6,184	7,170	-986 (4)	13,454	13,454	0
- All Other Income	513	407	106	673	673	0
Total Revenues	\$67,044	\$67,924	\$-880	\$74,239	\$74,397	\$158
Expenses						
- Academic Programs	\$-33,200	\$-35,744	\$2,544 (4, 5)	\$-68,857	\$-68,857	\$0
- Support Programs	-1,965	-1,786	-179	-5,382	-5,540	-158 (12)
Total Expenses	\$-35,165	\$-37,530	\$2,365	\$-74,239	\$-74,397	\$-158
NET	\$31,879	\$30,394	\$1,485	\$0	\$0	\$0
Auxiliary Enterprises						
Revenues	\$90,989	\$86,749	\$4,240 (6)	\$156,259	\$159,229	\$2,970 (6)
Expenses	-81,009	-82,255	1,246 (6)	-150,749	-161,649	-10,900 (6)
Reserve Drawdown (Deposit)	-9,980	-4,494	-5,486 (6)	-5,510	2,420	7,930 (6)
NET	\$0	\$0	\$0	\$0	\$0	\$0
Sponsored Programs						
Revenues	\$85,076	\$86,253	\$-1,177 (7)	\$179,619	\$179,619	\$0
Expenses	-94,014	-99,638	5,624 (7)	-179,619	-179,619	0
Reserve Drawdown (Deposit)	8,938	13,385	-4,447	0	0	0
NET	\$0	\$0	\$0	\$0	\$0	\$0
Student Financial Assistance						
Revenues	\$13,179	\$13,179	\$0	\$13,398	\$13,189	\$-209 (13)
Expenses	-6,706	-6,516	-190 (8)	-13,398	-13,189	209 (13)
NET	\$6,473	\$6,663	\$-190	\$0	\$0	\$0
All Other Programs *						
Revenues	\$3,869	\$4,070	\$-201	\$4,908	\$5,883	\$975 (14)
Expenses	-2,178	-2,260	82	-4,908	-5,016	-108 (14)
Reserve Drawdown (Deposit)	-1,691	-1,810	119	0	-867	-867 (14)
NET	\$0	\$0	\$0	\$0	\$0	\$0
Total University						
Revenues	\$555,746	\$550,075	\$5,671	\$821,203	\$827,349	\$6,146
Expenses	-416,263	-423,722	7,459	-815,693	-828,902	-13,209
Reserve Drawdown (Deposit)	-2,733	7,081	-9,814	-5,510	1,553	7,063
NET	\$136,750	\$133,434	\$3,316	\$0	\$0	\$0

* All Other Programs include federal work study, alumni affairs, surplus property, and unique military activities.

AUXILIARY ENTERPRISE BUDGET

1. Revenues in Residence and Dining Halls exceed projections due to higher than anticipated dorm occupancy, increased revenue from summer conferences, continued growth in off-campus meal plan sales, and higher than expected dining dollar receipts. Expenditures in Residence and Dining Halls are lower than projected overall because of employee turnover and vacancy and the timing of one-time projects.
2. Expenditures in the Parking Services Auxiliary are lower than projected due to timing of one-time projects.
3. Revenues in Telecommunications Services are higher than projected due to higher than projected student fees and increased departmental sales and equipment revenue from Ethernet connections. Expenditures in the Telecommunications Auxiliary are lower than projected due to employee turnover and vacancy and timing of equipment purchases.
4. Revenues in the University Services System from student fees are higher than projected due to higher enrollments than expected. Expenditures for the System are lower than projected due to employee turnover and vacancy and the timing of expenditures for one-time projects.
5. Revenues for the Intercollegiate Athletics System exceed projections due to increases in student fee revenue due to enrollment increases, accelerated timing for NCAA allocation receipts, and higher than expected football ticket sales, primarily in the South End Zone. Expenditures are less than projected because of employee turnover and vacancy and operating savings due to medical provider services, moving, travel, and credit card expenses being lower than budgeted.
6. Revenues for the Inn at Virginia Tech & Skelton Conference Center from lodging, food, and beverage sales exceed projections due to increased food/beverage and lodging sales from enhanced business activity. This increased business level has resulted in expenditures exceeding projections for wages, food, operating and other one-time expenses during the startup of this new facility. Additional revenue collections are expected to support this higher level of expenditure, and a budget adjustment will be processed during the third quarter to more accurately estimate revenues to be collected by June 30, 2006, as well as anticipated expenditure levels.
7. Revenues are higher than projected in the Other Enterprise Functions due to higher-than-projected royalties in the Licensing and Trademark auxiliary, revenue from cadet uniform sales in the Tailor Shop, and revenue from software sales in the Student Software auxiliary.
8. The projected year-end budget was increased for outstanding 2004-05 commitments and projects that were initiated but not completed before June 30, 2005.
9. The projected annual revenue and reserve drawdown budgets for the Parking and Transportation auxiliary were adjusted to fund a one-time maintenance project at the Northern Virginia Center.
10. The projected annual revenue, expenditure, and reserve drawdown budgets for the Telecommunications Services auxiliary were adjusted to accommodate the participation of the Virginia Community College System in the Mid-Atlantic Terascale Partnership (MATP), additional recoverable network expenditures for new capital projects, and the auxiliary's June 2005 repayment in full of the internal financing provided during 2004-05.
11. The projected annual revenue budget for Intercollegiate Athletics was adjusted to accommodate increased revenue from higher-than-anticipated football ticket sales, the ACC revenue-sharing allocation, interest earnings, the BCA contract settlement, South End Zone sales, and revenue associated with the Gator Bowl. The Lane Stadium West-Side Expansion revenue budget was decreased to reflect the delay in the occupancy of the facility. Expenditure budgets were increased to accommodate various personnel actions, operating adjustments, equipment purchases, programmatic adjustments, renovations (Lane Stadium video-board, baseball/softball fields, and the men's basketball locker room), and costs associated with participation in the Gator Bowl.
12. The projected annual revenue, expenditure, and reserve drawdown budgets were adjusted for the Virginia Tech Electric Service for the increased cost of purchased electricity due to the fuel adjustment factor and increased energy utilization by the Town, Auxiliary and E&G. Fuel adjustment cost increases and other retail rate changes by AEP will be passed through to the Town, Auxiliaries, and E&G consistent with existing policy.
13. The expenditure and reserve drawdown budgets for Other Enterprise Functions were adjusted to accommodate an increase in the Licensing and Trademark contribution to academic and athletic scholarships as a result of increased royalties from the sale of Virginia Tech merchandise in Fiscal Year 2004-05.

**UNIVERSITY DIVISION
AUXILIARY ENTERPRISES**

Attachment S

Dollars in Thousands

	July 1, 2005 to December 31, 2005			Annual Budget for 2005-06		
	Actual	Budget	Change	Original	Adjusted	Change
Residence and Dining Halls						
Revenues	\$30,522	\$28,223	\$2,299 (1)	\$51,002	\$51,002	\$0
Expenses	-25,720	-25,913	193 (1)	-51,096	-51,442	-346 (8)
Reserve Drawdown (Deposit)	-4,802	-2,310	-2,492	94	440	346 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Parking and Transportation						
Revenues	\$3,065	\$3,090	\$-25	\$4,851	\$4,851	\$0
Expenses	-2,901	-3,075	174 (2)	-4,723	-5,107	-384 (8, 9)
Reserve Drawdown (Deposit)	-164	-15	-149	-128	256	384 (8, 9)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Telecommunications Services						
Revenues	\$8,016	\$7,894	\$122 (3)	\$14,570	\$15,255	\$685 (10)
Expenses	-6,781	-7,340	559 (3)	-14,755	-15,620	-865 (8, 10)
Reserve Drawdown (Deposit)	-1,235	-554	-681	185	365	180 (8, 10)
Net	\$0	\$0	\$0	\$0	\$0	\$0
University Services System						
Revenues	\$12,428	\$11,836	\$592 (4)	\$20,801	\$20,801	\$0
Expenses	-9,596	-10,349	753 (4)	-20,546	-21,067	-521 (8)
Reserve Drawdown (Deposit)	-2,832	-1,487	-1,345	-255	266	521 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Intercollegiate Athletics						
Revenues	\$22,802	\$22,161	\$641 (5)	\$37,330	\$38,420	\$1,090 (11)
Expenses	-20,177	-20,408	231 (5)	-32,813	-39,511	-6,698 (8, 11)
Reserve Drawdown (Deposit)	-2,625	-1,753	-872	-4,517	1,091	5,608 (8, 11)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Electric Service						
Revenues	\$7,599	\$7,539	\$60	\$15,900	\$17,095	\$1,195 (12)
Expenses	-8,867	-8,865	-2	-16,050	-17,341	-1,291 (8, 12)
Reserve Drawdown (Deposit)	1,268	1,326	-58	150	246	96 (8, 12)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Inn at Virginia Tech/Skelton Conf. Center						
Revenues	\$3,360	\$3,059	\$301 (6)	\$6,353	\$6,353	\$0
Expenses	-4,317	-3,574	-743 (6)	-6,269	-6,627	-358 (8)
Reserve Drawdown (Deposit)	957	515	442	-84	274	358 (8)
Net	\$0	\$0	\$0	\$0	\$0	\$0
Other Enterprise Functions						
Revenues	\$3,197	\$2,947	\$250 (7)	\$5,452	\$5,452	\$0
Expenses	-2,650	-2,731	81	-4,497	-4,934	-437 (8, 13)
Reserve Drawdown (Deposit)	-547	-216	-331	-955	-518	437 (8, 13)
Net	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL AUXILIARIES						
Revenues	\$90,989	\$86,749	\$4,240	\$156,259	\$159,229	\$2,970
Expenses	-81,009	-82,255	1,246	-150,749	-161,649	-10,900
Reserve Drawdown (Deposit)	-9,980	-4,494	-5,486	-5,510	2,420	7,930
Net	\$0	\$0	\$0	\$0	\$0	\$0

Educational and General Projects

1. The project total budget reflects the appropriation available for fiscal year 2006. The annual budget is the amount needed to meet or exceed the state's 85 percent performance requirement. The annual budget was adjusted to reflect an increase in planned expenses for fiscal year 2006.
2. Blanket Authorizations allow unforeseen renovation needs under \$2,000,000 to be authorized administratively for expediency. The only blanket project currently active is for the potential purchase of the Heavener property, as approved by the Commonwealth. The acquisition cost of the property is expected to be \$1,406,751.
3. The project is complete and will be closed when final payments are processed. The total cost is expected to be \$420,000 less than budgeted as a result of bid savings.
4. The project is nearly complete, with a small office space to be constructed, and will be closed when final payments are processed.
5. The project is complete and will be closed when final payments are processed.
6. This project includes the construction of a federally funded laboratory located near the Brooks Center. All bids were over budget. Federal funding for the project has been increased by \$70,000, and the project is being redesigned to bring costs down to the new budget of \$870,000.
7. The project is complete and will be closed when final payments are processed.
8. This project will bring the primary boiler up to current emission standards by adding pollution controls. The project is in the design phase, with construction expected to be complete by summer 2007.
9. This planning project, which is underway, encompasses the design of new heating and cooling system infrastructure needed to accommodate current and future buildings in the southwest area of campus.
10. The conversion of the administrative and conference portion of the Donaldson Brown Hotel and Conference Center into programmatic space for the Graduate Student Center is underway; the residential spaces are complete and occupied.
11. This project will construct a multi-purpose building incorporating flexible space to temporarily house programs which have been dislocated due to renovation of their permanent facilities. The project is in the preliminary planning phase, with occupancy expected in summer 2007. The annual budget was adjusted to reflect revised cash flows for the fiscal year.

2002 General Obligation Bond Program

12. This project will build a state-of-the-art laboratory facility to support plant science teaching and research. Construction is underway with substantial completion expected by March 2006. The annual budget was adjusted to reflect revised cash flows for the fiscal year.
13. The project utilizes a CM (Construction Manager) at Risk contracting method and a Guaranteed Maximum Price (GMP) contract has been awarded. Construction is underway, with occupancy expected by fall 2007.
14. This project will construct a new laboratory facility to support instructional programs in the Building Construction department. The project is in the preliminary design phase, with an estimated bid date of fall 2006 and occupancy expected in early 2008. The project was temporarily delayed when initial cost estimates came in over budget. The University has identified additional private gifts to keep the project moving forward and is concurrently requesting state support to fund the remaining overrun. The annual budget was adjusted to reflect revised cash flows for this fiscal year.
15. This project is envisioned to update out-of-date general assignment classrooms on campus. Planning is underway with an estimated bid date in spring 2006 for the initial phase of renovation. The annual budget was adjusted to reflect revised cash flows for the fiscal year.
16. This project will update the building's power and HVAC infrastructure to support modern instructional technology. Preliminary planning is underway, with an estimated bid date by early 2007. The University is requesting a \$2.6 million supplement in state funding to offset an anticipated cost estimate increase due to recent escalation in the construction industry.
17. This project will repair current exterior pre-cast concrete panels that are failing. The project is in the preliminary planning phase with an estimated bid date in summer 2006. The University is requesting a \$1.63 million supplement in state funding to offset an anticipated cost increase due to recent escalation in the construction industry. Thus, the project schedule may be extended, depending on the approval of the funding increase. In the meantime, the university is moving forward with the installation of fencing and protective barriers to improve safety in the area surrounding the building.
18. This project will provide cooling capacity to the north zone of campus to support several new construction and renovation projects. Construction is underway and substantial completion is expected by summer 2006.
19. This project will renovate Henderson Hall to house art programs. Pre-planning work is underway on Henderson Hall to finalize the scope of work and an estimated bid date will be established at that time. Recent cost estimates indicate a cost overrun of \$3,875,000, and the University is requesting additional funding from the state to cover the shortfall.
20. This project will construct a state-of-the-art performance theatre. A site has been identified and programming may be initiated. The annual budget was adjusted to reflect revised cash flows for the fiscal year.
21. The project calls for the renovation of Agnew Hall and part of Burruss Hall for state-of-the-art instructional space. Pre-planning work is underway, with an estimated bid date for the Burruss Hall component by fall 2006.
22. This project envisions building a state-of-the-art, multidisciplinary research laboratory. Independent cost estimates came in over budget. The University is addressing the situation through a combination of a request for supplemental funding from the State and a redesign of the facility. Bids are expected in March 2006.
23. The starting time of this project is based on the state's capital implementation plan.

**CAPITAL OUTLAY PROJECTS
AUTHORIZED AS OF DECEMBER 31, 2005**

Dollars in Thousands

	CURRENT YEAR			TOTAL PROJECT BUDGET						
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	GENERAL OBLIGATION BOND	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES	
<u>Educational and General Projects</u>										
Maintenance Reserve	\$ 5,186	\$ 6,419	\$ 4,342	\$ 9,631	\$ 0	\$ 0	\$ 0	\$ 9,631	\$ 7,553	(1)
Blanket Authorizations	1,407	1,407	0	0	0	9,885	0	9,885	0	(2)
Chemistry/Physics - Phase II	107	106	40	23,431	0	3,763	0	27,194	26,708	(3)
Dairy Science Facilities	421	325	2	5,343	0	0	0	5,343	5,020	(4)
Career Services Facility	91	156	3	0	0	0	4,608	4,608	4,455	(5)
Fisheries and Aquatics Research Center	450	100	1	0	0	870	0	870	98	(6)
Bioinformatics Building, Phase II	1,572	1,323	180	24,394	0	0	0	24,394	23,251	(7)
Boiler Pollution Controls	2,600	2,600	433	3,850	0	0	2,000	5,850	581	(8)
Planning: Southwest Campus Heating/Cooling	800	800	555	0	0	2,750	0	2,750	555	(9)
Graduate School Facility	2,600	2,100	205	0	0	0	3,000	3,000	205	(10)
Surge Space Building	2,000	600	143	0	0	0	8,500	8,500	143	(11)
TOTAL	17,234	15,936	5,904	66,649	0	17,268	18,108	102,025	68,569	
<u>2002 General Obligation Bond Program</u>										
Agriculture & Natural Resources Research Laboratory	9,533	10,000	5,344	2,555	23,168	2,756	0	28,479	21,579	(12)
Biology/Vivarium Building	14,500	13,700	1,833	2,737	26,263	0	8,750	37,750	4,088	(13)
Bishop-Favrao Hall	700	200	13	0	2,500	5,750	0	8,250	279	(14,23)
Classroom Improvements, Phase I	270	600	67	2,740	4,530	0	0	7,270	279	(15,23)
Cowgill Hall HVAC and Power	470	470	123	0	7,500	0	0	7,500	206	(16,23)
Litton-Reaves Hall Exterior Repairs	680	680	120	0	2,500	0	0	2,500	284	(17,23)
Main Campus Chilled Water Central Plant	1,700	1,700	390	0	2,800	0	0	2,800	1,146	(18)
Henderson Hall	530	530	36	0	6,542	2,235	0	8,777	71	(19,23)
Performing Arts Center	1,600	300	0	0	0	5,000	45,000	50,000	0	(20,23)
Agnew & Burruss Hall Renovations	400	253	96	0	4,802	0	0	4,802	96	(21,23)
Inst. for Critical Technology and Applied Science, Ph I	3,900	2,350	182	0	13,996	0	17,000	30,996	2,261	(22,23)
TOTAL	34,283	30,783	8,204	8,032	94,601	15,741	70,750	189,124	30,288	

Auxiliary Enterprises Projects

1. Projects are scheduled and funded by the auxiliary enterprises during the annual Auxiliary Enterprise Budgeting Process.
2. Blanket Authorizations allow unforeseen renovation needs under \$2,000,000 to be authorized administratively for expediency. This blanket has no active project authorizations.
3. The Smithfield parking lot project is underway with an expected cost of \$731,000 to be charged to this project in fiscal year 2007. The outstanding project budget balance is envisioned for parking structures that are on hold.
4. The project is complete and will be closed when final payments are processed. The total estimated cost is expected to be \$43.118 million.
5. This project was envisioned to build a new clubhouse and driving range. The project is on hold pending programmatic decisions regarding future use of the on-campus course.
6. The project is currently projected for substantial completion in April 2006, with an expected total cost of \$54.02 million. The annual budget was adjusted to reflect revised cash flows for this fiscal year.
7. This project envisions a new residence hall of approximately 256 beds along with office space for residential services and judicial affairs. The project is on hold pending review of future residential fees and program priorities while the University is requesting a \$7 million authorization supplement to address cost escalation. Planning may begin when the authorization supplement is confirmed.
8. This project is envisioned to build dining, student activity, meeting, and classroom space. The project is on hold pending further review of the site location and program priorities.
9. This project is envisioned to expand the existing student center by adding dining, student activity, meeting, and classroom space. The project is on hold pending further review of the site and program priorities.
10. The project is complete and will be closed when final payments are processed.
11. This project will provide upgrades and improvements to existing residence and dining halls. The project is currently in the preliminary programming phase. Planning will begin once project priorities have been defined.

Capital Outlay Projects Authorized as of December 31, 2005 (Continued)

Dollars in Thousands

	CURRENT YEAR			TOTAL PROJECT						
	ORIGINAL ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD EXPENSES	STATE SUPPORT	GENERAL OBLIGATION BOND	NONGENERAL FUND	REVENUE BOND	TOTAL BUDGET	CUMULATIVE EXPENSES	
<u>Auxiliary Enterprises Projects</u>										
Maintenance Reserve	\$ 3,000	\$ 3,000	\$ 1,732	\$ 0	\$ 0	\$ 6,846	\$ 0	\$ 6,846	\$ 4,535	(1)
Auxiliary Enterprise Blanket Authorizations	0	0	0	0	0	4,809	0	4,809	0	(2)
Parking Auxiliary Projects	0	0	0	0	0	79	19,505	19,584	0	(3)
Alumni/CEC/Hotel Complex	7,414	6,902	5,508	0	0	25,099	20,732	45,831	41,456	(4)
Golf Course Facilities	0	0	0	0	0	1,500	0	1,500	0	(5)
Expand Lane Stadium, West Side	22,528	20,000	15,820	0	0	4,962	54,740	59,702	47,490	(6)
New Residence Hall	0	0	0	0	0	1,041	15,000	16,041	86	(7)
Dining and Student Union Facility	0	0	0	0	0	0	6,250	6,250	0	(8)
G. Burke Johnston Student Center Addition	0	0	0	0	0	0	6,250	6,250	46	(9)
Soccer/Lacrosse Complex	1,623	1,640	0	0	0	2,000	0	2,000	360	(10)
Major Residence and Dining Hall Improvements	200	200	0	0	0	0	4,000	4,000	0	(11)
TOTAL	34,765	31,742	23,060	0	0	46,335	126,477	172,812	93,974	
GRAND TOTAL	<u>\$ 86,282</u>	<u>\$ 78,461</u>	<u>\$ 37,168</u>	<u>\$ 74,681</u>	<u>\$ 94,601</u>	<u>\$ 79,344</u>	<u>\$ 215,335</u>	<u>\$ 463,961</u>	<u>\$ 192,831</u>	

RECOMMENDATION:

That the report of income and expenditures for the University Division and the Cooperative Extension/Agricultural Experiment Station Division for the period of July 1, 2005 through December 31, 2005 and the Capital Outlay report be accepted.



Department of Internal Audit

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Phone: (540) 231-5883 Fax: (540) 231-4681

TO: Finance and Audit Committee of the Board of Visitors

FROM: John C. Rudd, Director

DATE: November 23, 2005

SUBJECT: Final Report – Virginia Bioinformatics Institute Audit

Internal Audit has completed a review of the Virginia Bioinformatics Institute in conformity with the fiscal year 2005 audit plan. The objective of this review was to contribute to the improvement of risk management and the control systems within the Virginia Bioinformatics Institute by identifying and evaluating the entity's exposures to risks and the controls designed by management to reduce those risks.

BACKGROUND

The Virginia Bioinformatics Institute (VBI), established at Virginia Tech in July 2000, is a Commonwealth of Virginia shared resource. VBI serves as a flagship bioinformatics research institute, wedding cutting-edge biological research with state-of-the-art computer science. VBI has rapidly grown from just 30 employees in 2001 to its current status of over 215 faculty and staff. In 2005, VBI moved to its new on-campus, 130,000 SF, state of the art laboratory facility, and continues to occupy approximately 8,300 SF of leased space at Research Building XV in the Corporate Research Center. VBI is in the process of leasing commercial office space in Alexandria, VA for expanding research and administrative programs in the National Capital Region.

VBI is larger than several colleges at Virginia Tech; it operates without boundaries organized by discipline. The Institute's faculty and staff are organized as interdisciplinary research groups to encourage collaboration to increase the understanding of molecular, cellular, and environmental interactions that affect human health, agricultural systems, and the environment. By integrating experimental and computational laboratories, VBI provides a unique research platform to all stakeholders on a cost-recovery basis through its Core Laboratory Facility, Core Computational Facility, and through its newly organized Plant Growth Facility.

VBI's success as a new institute speaks to the power of interdisciplinary research and partnerships among academe, government, and industry. In five years of operation, VBI's multidisciplinary research programs have leveraged active and awarded projects of more than \$51 million from the National Institutes of Health, National Science Foundation, US Department of Agriculture, US Department of Defense, and others. Research collaborations with IBM, Sun Microsystems, Johns Hopkins University, Incogen, the Samuel Roberts Noble Foundation, European Media Labs, Beckman Coulter and others highlight the quality of VBI's research enterprise.

RISK EXPOSURE

Internal Audit periodically performs a detailed risk analysis of all of the university's auditable entities using factors such as the amount of cash inflows, operating expenditures, grant activities, level of external regulation, etc. The goal of the process is to prioritize those entities within the university that should receive audit attention. The Virginia Bioinformatics Institute was determined to be a high risk entity due to the volume of research dollars, health and safety issues and the operation of several service centers.

SCOPE

The scope included a review of grant administration, service centers, health and safety, facility security, conflict of interest, and systems and network security. The review covered the period of July 1, 2004 to July 31, 2005.

OVERALL ASSESSMENT

Our review indicates that management has designed controls that are effective at reducing the entity's exposure to business risks, but some controls are not consistently applied. Improvements are recommended to achieve a fully effective system of internal controls. See attached appendices for recommendations and action plans.

MANAGEMENT:

Bruno Sobral-Executive and Scientific Director
Laurie Coble-Associate Director, Administration and Finance
Sharon Lawson-Grants and Contracts Manager
Dustin Machi-Program System Development Supervisor
Susan Martino-Catt-Director Systems Biology (Core Laboratory Facility)
Deb Williams-Senior Financial Manager

AUDITORS:

John Rudd-Director
Mel Bowles-Associate Director
Rachel Potters-Senior Auditor-In-Charge
Andrea Abiyounes-Senior Auditor
So-Young Hong-Staff Auditor
Mike Emero-Research Associate - IT Audit Consultant
Karl Larson-Senior IT Auditor

PC: Auditor of Public Accounts
Robert Broyden
Linda Bucy
Laurie Coble
Brad Fenwick
James Hyatt
Sharon Lawson
Dustin Machi
Susan Martino-Catt
Mark McNamee
Ken Miller
Bernadette Mondy
Evelyn Ratcliffe
David Richardson
Dwight Shelton
Bruno Sobral
Charles Steger
Deb Williams



Department of Internal Audit

279 Southgate Center (0328), Blacksburg, Virginia 24061
 Phone: (540) 231-5883 Fax: (540) 231-4681

TO: Finance and Audit Committee of the Board of Visitors

FROM: John C. Rudd, Director

DATE: November 7, 2005

SUBJECT: Final Report – Real Estate Management

Internal Audit has completed a review of Real Estate Management in conformity with the fiscal year 2006 audit plan. The objective of the review was to contribute to risk management and the control systems within Real Estate Management by identifying the area's exposure to business risks and evaluating controls designed by management to manage those risks.

BACKGROUND

Real Estate Management (REM) is responsible for all university real estate activities such as acquisitions, sale and disposal of real property; acquisition and facility management of leased space; easements; boundary disputes; development of facility use agreements; and employee housing. REM is comprised of four full-time employees and one wage employee. The university leases approximately 822,000 square feet of space and approximately 1,800 acres in Montgomery County, Richmond, Alexandria, Arlington, Danville, Saltville, South Dakota, New Jersey, South Carolina and Switzerland. In fiscal year 2005, there were approximately 176 leases with annual rentals in excess of \$13 million. REM also facilitates the negotiation and execution of approximately 41 facility use agreements between academic departments, auxiliaries, student organizations and university related corporations.

RISK EXPOSURE

Internal Audit periodically performs a detailed risk analysis of all of the university's auditable entities using factors such as the amount of cash inflows, operating expenditures, grant activities, level of external regulation, etc. The goal of the process is to prioritize those entities within the university that should receive audit attention. Real Estate Management was determined to be a medium risk entity due to the high volume of leases it processes annually.

SCOPE

The audit covered the period of July 1, 2004 to June 30, 2005 and included a review of lease agreements, property maintenance, lease accounting, employee housing agreements, collaboration agreements with public agencies and information technology.

OVERALL ASSESSMENT

Our review indicates that management has designed and implemented controls that are often effective at reducing the department's exposure to many of the business risks it faces, but improvements are recommended to achieve a fully effective system of internal controls. Audit recommendations were issued to management where opportunities for further improvements were noted. See the attached appendices for our recommendations and management's action plans.

MANAGEMENT:

Kurt J. Krause, Vice President for Business Affairs
Elizabeth Reed, Director - Real Estate Management
Heidi McCoy, Property Manager - Real Estate Management
Tish Glosch, Accountant - Real Estate Management

AUDITORS:

John C. Rudd, Director
Mel Bowles, Associate Director
Divya Amin, Auditor-in-Charge
Paul Toffenetti, IT Manager
Michelle Zorn, Staff Auditor

pc: Auditor of Public Accounts
Zachary Adams
Bob Broyden
Jerry Cain
James Hyatt
Stephen Kleiber
Mark McNamee
Ken Miller
Thomas Olson
Dwight Shelton
Charles W. Steger



Department of Internal Audit

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TO: Finance and Audit Committee of the Board of Visitors

FROM: John C. Rudd, Director

DATE: January 16, 2006

SUBJECT: Final Report – Corps of Cadets

Internal Audit has completed a review of the Corps of Cadets in conformity with the fiscal year 2006 audit plan. The objective of the review was to contribute to risk management and the control systems within the Corps of Cadets by identifying the area's exposure to business risks and evaluating controls designed by management to manage those risks.

BACKGROUND

The Corps of Cadets is responsible for developing leaders of exemplary integrity and character who are imbued with the concept of selfless service, prepared to serve the commonwealth and the nation for a lifetime. The Corps of Cadets trains leaders by creating a regimented and disciplined environment that educates and develops the whole person mentally, morally and physically. The Corps of Cadets is a 24 hours per day, seven days per week leadership laboratory. There are approximately 750 cadets enrolled at the university. Students enrolled in the Corps of Cadets may participate in one of three Reserve Officer Training Corps (ROTC) programs: Army ROTC, Navy & Marine ROTC and Air Force ROTC. Approximately 80% of the Cadets are enrolled in the ROTCs.

RISK EXPOSURE

Internal Audit periodically performs a detailed risk analysis of all of the university's auditable entities using factors such as the amount of cash inflows, operating expenditures, grant activities, level of external regulation, etc. The goal of the process is to prioritize those entities within the university that should receive audit attention. The Corps of Cadets was selected for an audit primarily based on the length of time since it was last reviewed.

SCOPE

The audit covered the period of July 1, 2004 to June 30, 2005 and included a review of the Tailor Shop, Scholarship funds, Unique Military Activities funding, Inventory (Uniforms, Sabers & Rifles), Health & Safety, Information Technology, and the Corps web site.

OVERALL ASSESSMENT

Our review indicates that management has designed and implemented controls that are often effective at reducing the department's exposure to many of the business risks it faces, but some improvements are recommended to achieve a fully effective system of internal controls. Audit recommendations were issued to management where opportunities for further improvements were noted. See the attached appendices for our recommendations and management's action plans.

MANAGEMENT:

Zenobia Hikes, Vice President for Student Affairs
Major General Jerry Allen, Commandant of Cadets
Colonel Chuck Payne, Deputy Commandant of Cadets
Colonel James Snyder, Deputy Commandant of Cadets
Colonel Rock Roszak, Assoc. Director – VTCC Alumni Relations
Dean Miller, Tailor Shop Manager

AUDITORS:

John C. Rudd, Director
Mel Bowles, Associate Director
Divya Amin, Senior Auditor-in-Charge
Paul Toffenetti, IT Audit Manager

pc: Auditor of Public Accounts
Zachary Adams
Bob Broyden
James Hyatt
Mark McNamee
Ken Miller
Evelyn Ratcliffe
Dwight Shelton
Barry Simmons
Charles W. Steger



Department of Internal Audit

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TO: Finance and Audit Committee of the Board of Visitors

FROM: John C. Rudd, Director

DATE: January 27, 2006

SUBJECT: Audit Report -- Pamplin College of Business

Internal Audit has completed an audit of the Pamplin College of Business. This review was performed in conformity with the fiscal year 2006 audit plan. The objective of this review was to contribute to the improvement of risk management and the control systems within the functional areas by identifying and evaluating the audit area's exposures to risks and the controls designed by management to reduce those risks.

BACKGROUND

The Pamplin College of Business offers majors in accounting and information systems, business information technology, economics, finance, hospitality and tourism management, management, and marketing. Its on-campus enrollment is about 3,600 undergraduates and 270 full-time graduate students in the MBA, Master of Accounting and Information Systems, Master of Hospitality and Tourism Management and Ph.D. programs. The College enrolls many part-time graduate students: more than 130 students at Virginia Tech's National Capital Region Center in metropolitan Washington, D.C., and more than 90 students who take classes via interactive, distance-learning technology at five other sites across the state.

Pamplin's undergraduate program is ranked in the nation's 50 best business schools by U.S. News & World Report. Pamplin ranks 40th overall and 24th among the public institutions. In the rankings of the world's top 100 graduate business schools by Financial Times, Pamplin's MBA program is ranked 36th among U.S. business schools and in the top 10 for alumni career progress, percentage salary increase alumni received, and value for the money.

The Pamplin College of Business is strategically positioned to focus on the application of technology to help solve business problems, provide experiential leadership development opportunities and international experience for the students, while they build upon the College's commitment to diversity. The College's goal is to be recognized as Virginia's best undergraduate business school, to be known for our high quality graduate programs at locations throughout the Commonwealth, and to serve business and society through research and other activities.

RISK EXPOSURE

Internal Audit periodically performs a detailed risk analysis of all of the university's auditable entities using factors such as the amount of cash inflows, operating expenditures, grant activities, level of external regulation, etc. The goal of the process is to prioritize those entities within the university that should receive audit attention. The College of Business was determined to be a medium risk entity and was selected for an audit primarily based on the length of time since it was last reviewed.

SCOPE

The scope included a review of conflicts of interest, Business Horizons, study abroad programs, and systems and network security. The review covered the period of July 1, 2004 to August 31, 2005.

OVERALL ASSESSMENT

Our review indicates that management has designed controls that are effective at reducing the entity's exposure to business risks, but some controls are not consistently applied.

Improvements are recommended to achieve a fully effective system of internal controls. See the attached appendix for our recommendation and management's action plan.

MANAGEMENT

Richard Sorensen-Dean

T. W. Bonham-Associate Dean for Administration and Research

Tarun Sen-Associate Dean of Graduate & International Programs

Gary Kinder-Director of Undergraduate Career Services

Dale Pokorski-Director of Computing

AUDITORS

John Rudd-Director

Mel Bowles-Associate Director

Rachel Potters-Senior Auditor-In-Charge

Andrea Abiyounes-Senior Auditor

Karl Larson-Senior IT Auditor

So-Young Hong-Staff Auditor

Attachments

cc: Auditor of Public Accounts
Steve Burrell
S.K. DeDatta
T. W. Bonham
Robert Broyden
Larry Hincker
Gary Kinder
Mark G. McNamee
Ken Miller
Dale Pokorski
Donna Cassell Ratcliffe
Evelyn Ratcliffe
Tarun Sen
M. Dwight Shelton, Jr.
Richard E. Sorensen
Charles Steger

RESOLUTION FOR EMERITUS STATUS
March 27, 2006

WHEREAS, John C. Cosgriff faithfully served Virginia Tech for 31 years in the University Libraries, beginning in 1974; and

WHEREAS, he pioneered the use of personal computers in the work of the library and by 1983 had developed and conducted training classes for library faculty, staff, and others on the effective use of computers in their work; and

WHEREAS, he introduced the use of personal data management software, including the free form data management program askSam, into the work of the library in 1985, and taught library faculty and staff how to make effective use of this software in managing their textual data; and

WHEREAS, in his many capacities as both a technical services and public services librarian, he successfully taught others how to use the intellectual and computing tools necessary for the storage, effective retrieval, and manipulation of information in all formats; and

WHEREAS, he was an early adopter of electronic methods for conducting genealogical research, and his book *Turbo Genealogy* remains a popular introduction to this topic; and

WHEREAS, on a one-to-one basis, he guided numerous undergraduate and graduate students through the frequently difficult process of finding and obtaining advanced research materials in the fields of chemistry and engineering; and

WHEREAS, in formal classroom sessions over decades he taught information literacy skills to countless undergraduates and graduate students in chemistry and engineering; and

WHEREAS, he has always been generous in contributing his time and expertise both to help his experienced colleagues and to mentor new librarians;

THEREFORE, be it resolved that the Board of Visitors recognizes John C. Cosgriff for his service to the university with the title of Associate Professor Emeritus of the University Libraries.

RECOMMENDATION:

That the above resolution recommending John C. Cosgriff for emeritus status be approved.

RESOLUTION FOR EMERITA STATUS
March 27, 2006

WHEREAS, Dr. Helen J. Crawford faithfully served Virginia Tech for 18 years in the College of Science, beginning in 1987; and

WHEREAS, she effectively served as a member of the faculty in the Department of Psychology, in which she specialized in research on cognitive psychology, hypnosis, and pain control; and

WHEREAS, she served as the first woman promoted to full professor in the department, and in a leadership role as director of the Psychological Sciences graduate program from 1996 until 2004; and

WHEREAS, Dr. Crawford was an active university faculty member, serving as assistant dean in the College of Arts and Sciences, a member of the Faculty Senate, and the Institutional Review Board; and a member of numerous department and college committees including promotion and tenure, executive, undergraduate, and core curriculum committees; and

WHEREAS, she was an active contributor to national and international professional societies as an elected fellow of the American Psychological Association, the Society for Clinical and Experimental Hypnosis, the American Psychological Society, and the International Organization of Psychophysiology, and as president of the Society for Clinical and Experimental Hypnosis and of Division 30: Psychological Hypnosis of the American Psychological Association; and

WHEREAS, she received the 2003 Ernest R. Hilgard Award for Scientific Excellence from the International Society of Hypnosis, and the 1992 Bernard B. Raginsky Award for Leadership and Achievement from the Society for Clinical and Experimental Hypnosis; and

WHEREAS, Dr. Crawford was an active scholar in cognitive neuroscience, with more than 75 published journal articles, books, and book chapters, and more than 200 scientific presentations; and

WHEREAS, she was an active international researcher, who collaborated with scientific colleagues from Australia, Austria, Bulgaria, Denmark, England, Germany, Hungary, Italy, Romania, Spain, and Turkey;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Helen J. Crawford for her accomplishments and service to the university with the title of Professor Emerita of Psychology.

RECOMMENDATION:

That the above resolution recommending Dr. Helen J. Crawford for emerita status be approved.

RESOLUTION FOR EMERITUS STATUS
March 27, 2006

WHEREAS, Dr. George W. Crofts has diligently and faithfully served Virginia Tech for 35 years, arriving as assistant professor in the Department of Mathematics in 1970, later achieving the rank of associate professor prior to his appointments to administrative posts in the College of Arts and Sciences and most recently in the College of Science; and

WHEREAS, during his years in the Department of Mathematics, Dr. Crofts earned a record as a fine researcher and a highly-regarded teacher, conducting a wide range of courses for freshmen through graduate levels, inspiring his department head to declare him in the top 10 percent of all teaching faculty at Virginia Tech; and

WHEREAS, Dr. Crofts served his department as Assistant Chair for Student Affairs in Mathematics, and was the recipient of a number of teaching-learning grants from sources including NASA and NSF; and

WHEREAS, upon his appointment as assistant and then associate dean in the College of Arts and Sciences, Dr. Crofts played a significant role and was widely praised for his work in establishing the Core Curriculum for Arts and Sciences, which eventually grew into the University Core Curriculum; and he was also lauded for his work on the College and University's Undergraduate Curriculum committees, as well as for his influential work on the University Self-Study Committee of that time; and

WHEREAS, Dr. Crofts acquired over his years of service in the College of Arts and Sciences a keen understanding of college financial management, serving a succession of deans with his wise, perceptive, and detailed approach to administering, conserving, and leveraging college resources as conditions of the moment required; and

WHEREAS, Dr. Crofts brought his extensive knowledge of the university's and the former college's financial history to the formation of the new College of Science, thus allowing the college to make the best possible case for funding under the circumstances; and

WHEREAS, throughout his administrative career at Virginia Tech, Dr. Crofts has embodied the very highest standards of ethics and wise judgment, and has been unfailingly generous in sharing his expertise and breadth of fiscal knowledge with colleagues across the university;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. George W. Crofts for his service to the university with the title of Senior Associate Dean Emeritus in the College of Science.

RECOMMENDATION:

That the above resolution recommending Dr. George W. Crofts for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
March 27, 2006**

WHEREAS, Dr. Zafer Gurdal faithfully served Virginia Tech for 20 years in the College of Engineering, beginning in 1985; and

WHEREAS, as a member of the faculty in the Department of Engineering Science and Mechanics (ESM), he was a dedicated teacher of a wide range of courses from sophomore to advanced graduate level; and

WHEREAS, he advised and counseled numerous undergraduate and graduate students during his career in the ESM Department, serving as graduate advisor for 24 masters and 15 doctoral students; and

WHEREAS, Dr. Gurdal made contributions to the research areas of composite materials and structures, structural and multidisciplinary optimization; and

WHEREAS, he authored 177 publications, 3 books, and 2 book chapters; and

WHEREAS, he served in a number of international professional technical societies, including Associate Fellow of The American Institute of Aeronautics and Astronautics;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Zafer Gurdal for his services to the university with the title of Professor Emeritus of Engineering Science and Mechanics.

RECOMMENDATION:

That the above resolution recommending Dr. Zafer Gurdal for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
March 27, 2006**

WHEREAS, Dr. Wayne D. Purcell faithfully served Virginia Tech for 27 years in the College of Agriculture and Life Sciences, beginning in 1978; and

WHEREAS, he taught 5 different courses with more than 5,000 undergraduate and graduate students; was twice selected recipient of the American Agricultural Economics Association outstanding teaching award; received the University Sporn Award; is a member of the Academy of Teaching Excellence; received the SCHEV award as Outstanding Faculty in Virginia; is the only member of the College of Agriculture and Life Sciences ever to be recognized as Alumni Distinguished Professor at Virginia Tech; and has earned a number of other awards such as Progressive Farmer's *Man of the Year in Virginia Agriculture* in 2002; and

WHEREAS, he conducted productive research, extension, and teaching programs in agricultural marketing, marketing systems efficiency, price outlook, and price risk management; and

WHEREAS, Dr. Purcell organized, secured outside financing (\$2.6 million), and directed the Research Institute on Livestock Pricing (RILP) from 1986 through 2005. The RILP has become a primary source of research information on important public policy issues such as the impacts of Congressional regulation of the marketplace with written materials and national conferences. With the internet, the RILP presence has expanded to a broader North American scope (naiber.org); and

WHEREAS, he published or edited as sole or co-author 14 books including 3 major texts, 35 refereed journal articles, 5 invited articles in international encyclopedias, more than 50 added peer reviewed papers and publications, and more than 300 added papers and articles; and

WHEREAS, he is a nationally and internationally recognized expert in prices, price discovery, and price risk management with more than 500 major presentations to national and international audiences and with involvement in start-up efforts for two futures exchanges in Canada; and

WHEREAS, Dr. Purcell offered market advice to producers of commodity products each week since he arrived at Virginia Tech in 1978 with his *Purcell Letter* on the Virginia Cooperative Extension website having reached a record level of more than 12,000 "hits" per month in mid-2005; and

WHEREAS, he chaired the programs for 11 Ph.D. students and 20 M.S. students, and reached outstanding status as a mentor as evidenced by his first 3 Ph.D. students at Virginia Tech winning the AAEA Award for outstanding teaching in their first 10 years as professionals; and

WHEREAS, he was selected by the provost as chairperson for the university's initial Committee on Food, Nutrition, and Health which started the planning for the University's current emphasis on foods to protect health, reduce health costs, and provide alternatives for Virginia farmers;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Wayne D. Purcell for his service to the university with the title of Alumni Distinguished Professor Emeritus of Agricultural and Applied Economics.

RECOMMENDATION:

That the above resolution recommending Dr. Wayne D. Purcell for emeritus status be approved.

RESOLUTION FOR EMERITUS STATUS
March 27, 2006

WHEREAS, Dr. Thomas E. Toth faithfully served Virginia Tech for 23 years in the Virginia-Maryland Regional College of Veterinary Medicine, beginning in 1982; and

WHEREAS, for the majority of those years he was the sole faculty member in virology, successfully fulfilling the teaching, research, and service roles of that discipline; and

WHEREAS, he received numerous awards and recognitions of his innovation, dedication, and success in teaching, including Teacher of the Year, College Teaching Excellence Award, and the Carl Norden-Pfizer Distinguished Award; and

WHEREAS, Dr. Toth served as principle investigator or co-principle investigator on 43 funded research projects involving approximately \$2.36 million in funding; and

WHEREAS, he served as director of the college's flow cytometry laboratory, a unique and high-demand research facility serving the entire campus since its inception in 1985; and

WHEREAS, he generated visibility and public interest for the university in emerging infectious diseases caused by viruses by creating online courses in this subject for alumni and the general public to which he will continue to contribute;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Thomas E. Toth for his service to the university with the title of Professor Emeritus of Biomedical Sciences and Pathobiology..

RECOMMENDATION:

That the above resolution recommending Dr. Thomas E. Toth for emeritus status be approved.

**RESOLUTION FOR EMERITUS STATUS
March 27, 2006**

WHEREAS, Dr. Richard Zallen faithfully served Virginia Tech for 22 years in the College of Science, beginning in 1983; and

WHEREAS, he taught a wide variety of undergraduate and graduate lecture courses in both specialized areas of his expertise: solid state physics and general introductory courses, all with excellent results; and

WHEREAS, he advised numerous students on Ph.D. and M.S. dissertations and placed them in successful careers in both academic and industrial settings; and

WHEREAS, Dr. Zallen served on numerous committees at the department, college, and university levels; and

WHEREAS, he published 100 articles in professional journals and a book, which has been translated into Chinese and Polish, and his works have been cited over 5,000 times;

THEREFORE, be it resolved that the Board of Visitors recognizes Dr. Richard Zallen for his service to the university with the title of Professor Emeritus of Physics.

RECOMMENDATION:

That the above resolution recommending Dr. Richard Zallen for emeritus status be approved.

FACULTY LEAVES

Virginia Tech's program of professional development for tenured faculty members provides two kinds of opportunities: Study-Research Leaves at one-half salary for up to one year and one-semester Research Assignments at full salary.

The following faculty members are requesting Study-Research Leave for the purpose and period of time specified:

Reza Barkhi, Associate Professor, Department of Accounting and Information Systems, for AY 2006-2007, to focus on research in online and continuous audits by using frameworks from Group Decision Support Systems and applying them to continuous online audits. Visits will be made to universities within the United States, as well as abroad.

Michael W. Ellis, Associate Professor, Department of Mechanical Engineering, for AY 2006-2007, to pursue research and development of novel fuel cell technology in collaboration with a private company, Ecolectrix

Michael F. Hochella, Jr., Professor, Department of Geosciences, for Spring 2007, to conduct research on nanogeochemistry at the University of Münster, Germany.

Jeffrey L. Kirwan, Associate Professor, Department of Forestry, for July 1, 2006-June 30, 2007, to write a book titled *Remarkable Trees of Virginia*. Dr. Kirwan will interview members of Virginia's eight Indian tribes and visit historic sites to research the multicultural importance of woody plants in Virginia's history.

John C. Little, Professor, Charles E. Via Jr. Department of Civil and Environmental Engineering, from January 1, 2007-December 31, 2007, to conduct research in the areas of emissions of hazardous chemicals from consumer products and building materials, and hypolimnetic oxygenation of stratified lakes and reservoirs. Research will be conducted at the Institute for Health and Consumer Protection in Ispra, Italy, and the Limnological Research Center of the Swiss Federal Institute for Aquatic Science and Technology in Kastanienbaum, Switzerland.

Deborah Mayo, Professor, Department of Philosophy, for AY 2006-2007, to complete two books tentatively titled *Learning from Error: Recent Exchanges on the Philosophy of Science, Inductive-Statistical Inference, and Reliable Evidence* and *An Error Statistical Philosophy of Science*. The first book is co-edited with Dr. Aris Spanos, Economics Department at Virginia Tech.

Ken W. McCleary, Professor, Department of Hospitality and Tourism Management, for Fall 2006, to continue work with Hong Kong Polytechnic University faculty in the study of tourism motivations; to study wine tourism development in New York and North Carolina; and to possibly develop a study abroad course that relates to wine tourism and gastronomy.

Deborah J. Milly, Associate Professor, Department of Political Science, for AY 2006-2007, to complete a book titled *Immigrants, Advocacy, and the State in Japan: A Comparative Perspective*.

S. Ted Oyama, Professor, Department of Chemical Engineering, for Spring 2007 and 2008, to write a book on carbides, nitrides, and phosphides, and to conduct research on oxidation reactions assisted by membranes at the National Institute for Advanced Industrial Science and Technology in Tsukuba, Japan.

Frank Quinn, Professor, Department of Mathematics, for Spring 2007, to work with experts at University of California, Santa Barbara, in several areas of pure math in order to experience other perspectives.

Elaine P. Scott, Professor, Department of Mechanical Engineering, for AY 2006-2007, to collaborate with colleagues at the Pacific Northwest National Laboratory (operated by Battelle) through the Environmental

Technology Directorate in using science-based solutions for addressing environmental issues brought to light by climate changes and security issues. Work will be conducted in the state of Washington.

Nicolaus Tideman, Professor, Department of Economics, for AY 2006-2007, to complete a book titled *Liberty and Justice for All: Principles for a World that Works*, as well as pursuing collaborative work in the area of economic research with a former student, Florenz Plassmann, currently an associate professor at SUNY Binghamton. Work will take place in Ithaca, New York.

Jan Marinus Visser, Associate Professor, Department of Forestry, for AY 2006-2007, to conduct research on forest engineering at the Italian Federal Harvesting Research Group in Italy and the School of Forestry at the University of Canterbury in New Zealand.

The following faculty members are requesting Research Assignments for Fall 2006:

Slimane Adjerid, Professor, Department of Mathematics, to conduct research in improving discontinuous Galerkin finite element methods for discretizing partial differential equations in collaboration with researchers at University of Minnesota and at the Institute for Computational Engineering Sciences at the University of Texas in Austin.

Barbara L. Allen, Associate Professor, Department of Science and Technology in Society, to perform ethnographic research in Italy, resulting in a U.S./Italy comparative study.

Dushan Boroyevich, Professor, Bradley Department of Electrical and Computer Engineering, to develop a new concept of power electronics-based infrastructure for electric energy distribution and to continue research on the development of electromagnetic aircraft launch system technologies in cooperation with General Atomics and San Diego State University in California. International travel will include trips to Asia and Europe.

Daniel Breslau, Associate Professor, Department of Science and Technology in Society, to complete a book project on the field of game theory, based on five years of research on the international network of game theorists.

Craig Leonard Brians, Associate Professor, Department of Political Science, to draft a book manuscript titled *Clarifying the Confusion over Republicans' and Democrats' Abortion Attitudes* to be co-authored with Dr. Steven Greene at North Carolina State University. This book will analyze the relationship between partisanship and abortion policy views in the United States.

Virginia Buechner-Maxwell, Associate Professor, Department of Large Animal Clinical Sciences, to develop methods for measuring cytokine expression in equine tissue in collaboration with Drs. Ray Penn and Matt Loza at Wake Forest University in North Carolina. Of particular interest is developing equine recurrent airway obstruction as a model of human asthma.

A. Roger Ekirch, Professor, Department of History, to conduct research for a new book, provisionally titled *Birthingright: The Kidnapping of Jemmy Annesley*. This project sets out to explore the real-life saga that inspired Robert Louis Stevenson's famed novel, *Kidnapped*. Travel to the British Library in London, the Public Record Office of Northern Ireland in Belfast, and the National Archives in Dublin is anticipated.

Joseph F. Eska, Professor, Department of English, to collaborate with Professor Donald A. Ringe Jr., Department of Linguistics at the University of Pennsylvania, to complete a monograph-length manuscript on computational phylogeny and the interrelationships of the Celtic languages for publication.

E. Thomas Ewing, Associate Professor, Department of History, to conduct research for a book titled *Gender and Education in Modern Russia*. Travel to the Russian State Historical Archive, the Central State Historical Archive of St. Petersburg, Hoover Institution at Stanford University, Widener Library at Harvard University Library, and the Library of Congress are planned.

William J. FitzPatrick, Associate Professor, Department of Philosophy, to conduct research on non-naturalistic ethical and normative realism against prominent attacks from both neo-Humean and neo-Kantian fronts.

Lawrence S. Grossman, Professor, Department of Geography, to conduct archival research in the United Kingdom for a book manuscript on colonial environmental discourses and policies concerning deforestation and soil erosion in the British Caribbean. Travel to the National Archives in the United Kingdom is anticipated.

James R. Heflin, Associate Professor, Department of Physics, to strengthen collaborations with faculty in other departments at Virginia Tech in the area of opto-electronics, and to continue his effort to establish a major thrust in nanotechnology at the Institute of Advanced Learning and Research in Danville, Virginia. Efforts to strengthen ties with federal funding agencies such as NSF, NIH, DOE, AFOSR, DARPA, and ARO will also be made.

Philip Huang, Professor, Department of Business Information Technology, to develop a simulation model to study the potential benefits of Holonic Manufacturing Systems (HMS) to manage supply chains.

Shannon E. Jarrott, Associate Professor, Department of Human Development, to visit the leading intergenerational scholars in the United States to develop research partnerships in the area of intergenerational program research. Travel includes trips to the Myers Research Institute, Menorah Park Center for Senior Living, Cleveland, Ohio; Intergenerational Programs and Aging, Penn State; The Center for Intergenerational Learning, Temple University, Philadelphia, Pennsylvania; and Goochland Fellowship and Family Services, Goochland, Virginia.

Raman Kumar, Professor, Department of Finance, Insurance, and Business Law, to conduct research in the areas of detection of short term and long term abnormal returns, and in the market microstructure of stock and option markets.

Patricia S. Lavender, Associate Professor, Department of Theatre Arts, to explore and evaluate additional theatre outreach, community service, and community engagement activities, and to investigate the feasibility of more fully integrating such activities into the undergraduate curriculum in the Department of Theatre Arts.

Elizabeth Struthers Malbon, Professor, Department of Interdisciplinary Studies, to complete a book tentatively titled *Mark's Jesus: A Narrative Christology*.

Wayne D. Moore, Associate Professor, Department of Political Science, to elaborate an original theory of partial constitutional authority as part of a long-term research and writing agenda.

Ting-Chung Poon, Professor, Bradley Department of Electrical and Computer Engineering (ECE), to establish collaboration programs between the Optical Image Processing Laboratory within the ECE and the Opto-Electronics Laboratory at Nihon University, Japan, and the Bioengineering Division of the National University of Singapore. Travel will include trips to Japan and Singapore.

Lucinda Roy, Alumni Distinguished Professor of English, Department of English, to complete a collection of poetry tentatively titled *Primary Circles: Experiments in(-) Form*. Some of the research will take place in the United Kingdom and West Africa.

Sherry Schofield-Tomschin, Associate Professor, Department of Apparel, Housing and Resource Management, to work in the creative arena, designing and entering garments in competitions, and in the scholarly arena, writing two research articles using data collected from a qualitative funded study on Alzheimer's patients and from a qualitative funded study on pregnant women's dress.

A. Krishna Sinha, Professor, Department of Geosciences, to finalize a proposal for GEON Phase II with collaborators at the San Diego Super Computer Center, as well as to publish research papers to be included in a book on Geo-Ontology. Travel to the San Diego Super Computer Center at the University of California, San Diego, will be necessary.

M. Joseph Sirgy, Professor, Department of Marketing, to conduct research on community, neighborhood, and housing well-being.

The following faculty members are requesting Research Assignments for Spring 2007:

Ananda Abeysekara, Associate Professor, Department of Interdisciplinary Studies, to complete a book project on fashioning a new relation between religion, secularism, modernity, and “postsecular” politics. Some of the research will take place in Sri Lanka.

Kathryn Clarke Albright, Associate Professor, Department of Architecture, to write a draft for a book on farmers markets in America as both a civic institution and an architectural artifact.

Romesh C. Batra, Clifton C. Garvin Professor, Department of Engineering Science and Mechanics, to learn the latest developments in Computational Engineering Science and its applications to areas such as biology, nanomechanics, and energy production from renewable resources, and to complete a manuscript of a book on elasticity. Dr. Batra will collaborate with a colleague at the University of Texas, Austin.

Christopher Beattie, Professor, Department of Mathematics, to collaborate with research groups at Rice University and the Technical University in Berlin on analysis of computational strategies for model reduction.

F. Frank Chen, John L. Lawrence Endowed Professor of Manufacturing Systems Engineering, Grado Department of Industrial and Systems Engineering, to conduct research in advanced production and operation technologies being used at leading manufacturing firms such as Caterpillar Inc. and Toyota Motor Manufacturing.

Samuel R. Cook, Associate Professor, Department of Interdisciplinary Studies, to work on a book project tentatively titled *The Right to be Rooted: Sense of Place and the Globalization of Appalachia*. Research will take place in the Monacan Indian Nation, Bear Mountain, Virginia; Brush Mountain Communities, Montgomery County, Virginia; and Coal River Basin Communities, Kanawha, Logan, and Raleigh Counties, West Virginia.

Panayiotis Diplas, Professor, Charles E. Via Jr. Department of Civil and Environmental Engineering, to collaborate with colleagues in biofluid mechanics at the Biomedical Program at Johns Hopkins; to collaborate with colleagues in nanofluid mechanics at the Applied Mathematics Program at Brown University; and to collaborate with colleagues in environmental fluid mechanics at the Saint Anthony Falls Laboratory of the University of Minnesota in Minneapolis and the Hull Environmental Research Institute of the Hull University of England.

James M. Dubinsky, Associate Professor, Department of English, to complete the research for a monograph on the relationship between land grant universities and students’ civic obligations, specifically enacted through university policies and curricula. Some travel to Purdue University and the University of California, Berkeley is anticipated.

Larkin Dudley, Associate Professor, Center for Public Administration and Public Policy, to conduct research for two articles: (1) a comparison of the United States and Netherlands in their adoption of different aspects of new public management and governance; and (2) how risk communication may have been affected by the differential adoptions. Some of the research will take place at Leiden University, Netherlands.

Kimberly P. Ellis, Associate Professor, Grado Department of Industrial and Systems Engineering, to collaborate with industry experts in developing new methods for improving distribution operations of freight transportation systems.

Paul F. Emmons, Associate Professor, Department of Architecture, to prepare a book manuscript titled *Drafting in the Mirror of Architectural Conceptions*.

Felicia Etzkorn, Associate Professor, Department of Chemistry, to collaborate with researchers at the Salk Institute in San Diego learning the tools and techniques of protein crystallography.

Marte S. Gutierrez, Associate Professor, Charles E. Via Jr. Department of Civil and Environmental Engineering, to complete major journal publications; to start the writing of a book on Constitutive Models for Geomaterials; and to complete several major on-going research projects.

Kathleen W. Jones, Associate Professor, Department of History, to work on the completion of a book-length manuscript titled *Dying Young: A History of American Youth Suicide, 1900 to the Present*. Travel to the National Library of Medicine in Bethesda, Maryland, and the San Francisco Suicide Clinic is planned.

James C. Klagge, Professor, Department of Philosophy, to complete a book-length project on Ludwig Wittgenstein, an Austrian philosopher, and how his life influenced his work. If pending funding proposals to outside agencies are successful, Dr. Klagge requests that this leave be changed to a Study-Research Leave for the 2006-2007 academic year.

Kamal B. Rojiani, Associate Professor, Charles E. Via Jr. Department of Civil and Environmental Engineering, to update knowledge and skills in the area of structural safety and reliability, and to complete a series of books on numeric methods for engineers using an object oriented programming approach.

Mehdi Setareh, Professor, Department of Architecture, to conduct research on the problem of floor vibrations in conjunction with an NSF grant.

Linda F. Tegarden, Associate Professor, Department of Management, to pursue research in the area of the management of innovations in emerging markets in developing countries. Collaboration will take place with Nikhil Agarwal, SPA Jain Institute of Management and Research in Mumbai, India.

Jeffrey R. Walters, Harold Bailey Professor, Department of Biological Sciences, to collaborate with colleagues at several universities in North Carolina and Sweden to work on strategies to alleviate impacts of habitat fragmentation on endangered species populations on military bases and to explore new ideas about the evolution of cooperative breeding systems, both with respect to the endangered red-cockaded woodpecker.

RECOMMENDATION:

That the above Study-Research Leaves and Research Assignments be approved as requested.

EDUCATIONAL LEAVE
March 27, 2006

Tonya Marie Taylor, Extension Agent, 4-H, is requesting an educational leave with half pay for the period August 1, 2006 through August 1, 2007. The purpose of this leave is to allow Ms. Taylor to make significant progress towards the coursework requirements for the doctoral program in Educational Leadership, in which she is enrolled at Virginia Tech. The department head and dean recommend approval of the educational leave so that the employee may make sustained progress on her degree requirements before returning to full-time work effective August 2, 2007.

RECOMMENDATION:

That the approval of educational leave with half pay for Tonya Marie Taylor for the period August 1, 2006 through August 1, 2007 be approved.

ENDOWED PROFESSORSHIP
W.S. "Pete" White Chair for Innovation in Engineering Education

The W.S. "Pete" White Chair for Innovation in Engineering Education was established by the generous gift of \$500,000 by American Electric Power. The creation of this chair in honor of Pete White (EE '48) enables Virginia Tech to generate new interest in the teaching of engineering and in improving the learning process. It is unique in its flexibility—the chair is rotated biennially to a new recipient.

Dean Richard Benson has nominated Dr. Richard Goff as the W.S. "Pete" White Chair, based on the recommendations of the Department of Engineering Education and the College of Engineering's Honorifics Committee.

Since joining the Virginia Tech Engineering Education faculty in 1996, Dr. Goff's achievements as an educator have been recognized with numerous honors. He has won the William E. Wine Award for Outstanding University Teaching (2003); induction into the Virginia Tech Academy of Teaching Excellence (2003); the Diggs Teaching Scholar Award (2001); and the College of Engineering Dean's Award for Excellence in Teaching (2001). He was among the first group of faculty selected for the Dean of Engineering Faculty Fellows Award (2003). During a previous period of employment in the Department of Engineering Science and Mechanics (1981-1985), Dr. Goff won the Sporn Award for Excellence in Teaching of Engineering Subjects (1982) and was the recipient of Certificates of Teaching Excellence in 1980 (while still a graduate student), 1981, and 1982.

Dr. Goff is a member of Alpha Psi Omega, Omicron Delta Kappa, Kappa Theta Epsilon, Phi Kappa Phi, Sigma Gamma Tau, Tau Beta Pi, Alpha Phi Omega, and Who's Who in American Colleges & Universities.

The magnitude of Dr. Goff's contributions to engineering education at Virginia Tech is enormous. He has been instrumental in development of hands-on active classroom learning experiences since 1997, frequently developing and piloting activities that were later adopted for all first-year engineering students. He serves as the director of the Frith Freshman Engineering Design Laboratory in Engineering Education which is used extensively in teaching first-year engineering courses. It is estimated that his innovations have positively impacted over 10,000 Virginia Tech engineering students to date.

In addition to his excellent work in the classroom, Dr. Goff has presented and co-authored numerous papers at conferences including the American Society for Engineering Education, American Society of Mechanical Engineers, IEEE Frontiers in Education, the Harvey Mudd Design Workshop, and the International Society for Optical Engineering. In addition to engineering education, his research areas include smart structures and control of large spacecraft.

Dr. Goff's service to the university is evidenced by his service as chair-elect of the Academy of Teaching Excellence, member of University Council, member of the Faculty Senate and Commission on Faculty Affairs, chair of the Diggs Teaching Scholars Selection Committee, member of the Provost's Ad Hoc Committee on Core Curriculum Reform, member of the Core Curriculum Summer Workgroup, member of the e-Portfolio Summer Workgroup, and facilitator of the Project Success Group.

RECOMMENDATION:

That Dr. Richard Goff be appointed to the W.S. "Pete" White Chair for Innovation in Engineering Education effective for a period of two years beginning August 10, 2006, with a salary supplement as provided by the endowment.

Resolution Honoring

Floyd W. “Sonny” Merryman, Jr.

2006 William H. Ruffner Medal Recipient

WHEREAS, Virginia Tech is very proud to recognize among its most esteemed university community members, Mr. Floyd W. “Sonny” Merryman, Jr., who began his post-secondary education at Virginia Tech in 1942 in the College of Agriculture and Life Sciences; and

WHEREAS, Mr. Merryman was an outstanding and loyal member of the Virginia Tech Corps of Cadets during his undergraduate experience, serving faithfully as both a cadet and scholar; and

WHEREAS, he co-founded Sonny Merryman, Inc. with his wife, Lou, in 1967, a premier transportation equipment distributor, where he has served as President and CEO, and currently serves as Chairman of the Board; and

WHEREAS, Sonny has continually demonstrated professional expertise and superior customer service in the transportation industry, emerging as a nationally recognized leader in transportation equipment distribution; and

WHEREAS, he has acknowledged the value and prestige of a Virginia Tech education, and is a proud member of a great academic legacy at the university, following the path of his father, Floyd W. Merryman, Sr., class of 1924, and blazing a trail for his son, Floyd W. Merryman, III, class of 1981; and

WHEREAS, Sonny personifies the Virginia Tech motto “Ut Prosim,” generously serving the university with his time and resources through significant volunteer leadership and philanthropy; and

WHEREAS, his many years of active participation in the university community includes service to the Virginia Tech Foundation Board of Directors, the Virginia Tech Athletic Fund Board of Directors, the Pamplin College of Business Advisory Council, the Campaign Steering Committee and the Regional Campaign Committee; and

WHEREAS, Sonny has consistently provided philanthropic support to the College of Agriculture and Life Sciences, the Corps of Cadets, the College of Liberal Arts and Human Sciences, the Parents’ Fund, the Alumni Association, the Pamplin College of Business, and Intercollegiate Athletics through the creation of multiple endowed funds across these program areas, inspiring a culture of philanthropy and demonstrating the importance of both academics and athletics to enhancing the total student experience; and

WHEREAS, the extraordinary generosity of Sonny Merryman has allowed him to be recognized as a charter member of the President’s Circle of the Ut Prosim Society, member of the Legacy Society, benefactor of the Alumni and Conference Center, and honoree for which the Merryman Center of the Virginia Tech Athletic Complex is named;

NOW, THEREFORE, BE IT RESOLVED that, in recognition of Mr. Merryman’s years of leadership and dedicated service to his alma mater and to his community, the Board of Visitors of Virginia Polytechnic Institute and State University confers upon Floyd W. Merryman, Jr. its highest award, the 2006 William H. Ruffner Medal.

RECOMMENDATION: That the resolution conferring the 2006 William H. Ruffner Medal to Floyd W. “Sonny” Merryman, Jr. be approved.

Resolution Naming

**The William C. and Elizabeth H. Latham Agriculture and Natural Resources Building
at Virginia Polytechnic Institute and State University**

Whereas, William C. Latham graduated from Virginia Tech in 1955 with a BS in General Agriculture, is a past member (1985-89) and Vice Rector (1999-2003) of the Board of Visitors; and

Whereas, William C. Latham continues an extensive volunteer career with the university to include service on the Hospitality and Tourism Management Council, the Class of '55 Reunion Gift Committee, the Pamplin Advisory Council, the Alumni Association Board, Hokies for Higher Education, the Virginia Tech Foundation Board and Executive Committee, an emeritus Campaign Steering Committee Member for the current comprehensive campaign; and

Whereas, in recognition of his service, Bill has been awarded the Alumni Distinguished Service Award and is a member of the William Preston Society; and

Whereas, Bill and Betty Latham have been recognized as members of the Ut Prosim Society's President's Circle for their outstanding philanthropy to the university to include considerable support to the alumni and conference center, to WVTF public radio, and to athletic programs and scholarships for student athletes, and

Whereas, Bill and Betty Latham have made outstanding contributions and commitments to the College of Agriculture and Life Sciences, the livestock teaching arena, and to the Northern Virginia 4-H Center, and have provided funds for the William C. and Elizabeth H. Latham Histopathology Laboratory in the Veterinary Teaching Hospital, and established the William C. & Elizabeth H. Latham Scholar-in-Residence Endowment for the Virginia Center for Civil War Studies; and

Whereas, Bill and Betty Latham have been, and continue to be, valued members of the university community;

Now, therefore, be it resolved that, in acknowledgement of the service and generosity of William and Elizabeth Latham, and in recognition of past and future benefits to the university, the Agriculture and Natural Resources building will be known as Latham Hall.

Recommendation:

That the above resolution naming Latham Hall in honor of William C. and Elizabeth H. Latham be approved.

**Resolution Naming
The Micron Technology Laboratory
in Whittemore Hall**

WHEREAS, Micron Technology, Inc. is a worldwide manufacturer of semiconductor memories and devices; and

WHEREAS, Micron Technology, Inc. has a great interest in undergraduate and graduate education in the field of semiconductor device manufacturing; and

WHEREAS, Micron Technology, Inc. has selected Virginia Tech as one of its eleven "Partner Universities"; and

WHEREAS, the Micron Technology Foundation has provided Virginia Tech with five two-year undergraduate scholarships for students in Chemical Engineering, Computer Engineering, Electrical Engineering, and Materials Science and Engineering to study semiconductor processing and participate in the new Minor in Microelectronic Engineering; and

WHEREAS, said scholarships are valued at \$50,000 per year on an ongoing basis; and

WHEREAS, the Micron Technology Foundation has provided Virginia Tech with a one-year Graduate Assistantship for the development and testing of a senior-level, three credit laboratory course in semiconductor processing valued at \$35,000; and

WHEREAS, Micron Technology has provided Virginia Tech with \$750,000 for the renovation of the 1,800 sq. ft. cleanroom located in 636 Whittemore Hall to make it a state-of-the-art undergraduate and graduate teaching and research facility;

THEREFORE, BE IT RESOLVED that said cleanroom located in 636 Whittemore Hall be henceforth named the "Micron Technology Semiconductor Processing Laboratory", that a plaque so stating be mounted on the wall outside the facility viewing windows, and that said plaque also denote the date of dedication of the facility.

Recommendation:

That the above resolution naming the Micron Technology Laboratory be approved.

**Resolution Naming
The Margaret G. Skelton Conference Room
in the Student Athlete Academic Support Services Department
of Virginia Polytechnic Institute and State University**

Whereas, Margaret Groseclose Skelton has been a very active donor and supporter of the Virginia Tech Athletics program; and

Whereas, Margaret Groseclose Skelton has served on the Virginia Tech Athletic Fund Board of Directors from 1999 to 2005; and

Whereas, Margaret Groseclose Skelton has established the Skelton Scholarship Program to recognize a student athlete who excels academically, athletically, and in service to their community; and

Whereas, Margaret Groseclose Skelton has been a member of Ut Prosim for her generous financial support of a number of University Programs; and

Whereas, Margaret Groseclose Skelton has made a \$400,000 gift in support of the new Academic Center located in the West Side of Lane Stadium; and

Therefore, be it hereby resolved that, in appreciation of Margaret Groseclose Skelton's generous support for the West Side Expansion of Lane Stadium, that the new conference room located in the Student Athlete Academic Support Services Department be named the Margaret G. Skelton Conference Room.

RECOMMENDATION:

That the above resolution naming the Margaret G. Skelton Conference Room be approved.

**Resolution Naming
The Dr. Donald Anderson Room
in the Student Athlete Academic Support Services Department
of Virginia Polytechnic Institute and State University**

Whereas, Dr. Lee Helms has been a generous donor to Virginia Tech Athletics; and

Whereas, Dr. Lee Helms has been a member of Ut Prosim in recognition of his financial support to the University; and

Whereas, Dr. Lee Helms has been a season ticket holder for football and men's basketball; and

Whereas, Dr. Lee Helms has been a member of the Virginia Tech Athletic Fund; and

Whereas, Dr. Lee Helms has contributed \$100,000 for the new Academic Center in the West Side Expansion of Lane Stadium;

Therefore, be it hereby resolved that, in appreciation to Dr. Lee Helms for his generosity toward Virginia Tech and the Department of Athletics, a reading/study hall room in the Academic Center will be named the Dr. Donald Anderson Room.

RECOMMENDATION:

That the above resolution naming the Dr. Donald Anderson Room be approved.

**Resolution Naming
The Quinton J. and Jacqueline L. Nottingham Room
in the Student Athlete Academic Support Services Department
of Virginia Polytechnic Institute and State University**

Whereas, Jacqueline Nottingham has been a faithful member of the Virginia Tech Athletic Fund and is serving on the Board of Directors of the Virginia Tech Athletic Fund; and

Whereas, Jacqueline Nottingham has pledged \$50,000 to Virginia Tech on behalf of the Athletics Department for the new Student Athlete Academic Support Services Department; and

Therefore, be it hereby resolved that, in appreciation to Jacqueline Nottingham for her generosity toward Virginia Tech and the Department of Athletics, a private tutoring room will be named the Quinton J. and Jacqueline L. Nottingham Room in the new Academic Center in recognition of her generous support.

RECOMMENDATION:

That the above resolution be approved.

Resolution Naming

Norfolk Southern Corporation Interview Rooms

in the Career Services Building of Virginia Polytechnic Institute and State University

WHEREAS, Norfolk Southern Corporation, provider of quality freight transportation services, has been an active and loyal corporate supporter of Virginia Tech programs for many years; and

WHEREAS, the company has demonstrated its generous philanthropic philosophy, supporting the university with program funding for multiple university programs and initiatives; and

WHEREAS, Norfolk Southern encourages individual philanthropy among their employees by sustaining its corporate matching gift program through their corporate foundation; and

WHEREAS, the company has demonstrated its belief in the importance of higher education and its confidence in Virginia Tech students through its partnership with the university's Office of Career Services; and

WHEREAS, the corporation has been an active and consistent participant in the university's recruitment programs, career fairs and other career service related endeavors, creating significant employment opportunities for students and alumni; and

WHEREAS, Norfolk Southern has charitably donated funds to support the mission of the Office of Career Services at Virginia Tech;

NOW, THEREFORE BE IT RESOLVED that, in appreciation to Norfolk Southern Corporation for their extraordinary generosity and vision, two interview rooms housed in the Career Services Building will be individually acknowledged as the

Interview Room sponsored by Norfolk Southern Corporation

RECOMMENDATION:

That the above resolution naming the Norfolk Southern Corporation Interview Rooms be approved.

DESCRIPTION OF FACULTY PERSONNEL CHANGES

(Prepared by Personnel Services)

I. FACULTY PERSONNEL & SALARY CHANGES

This section includes new appointments and changes in appointments for the general faculty, including faculty in the colleges and in the library, and for administrative and professional faculty in all areas under educational & general funding.

A. New Appointments

This section includes documentation of all new faculty appointments for the positions noted above. Some appointments, for example visiting faculty, may be “restricted” with a fixed-term appointment. If a senior-level appointment (Associate or Full Professor) is to be made with tenure, it is so noted.

B. Adjustments in Appointment and/or Salary

This section includes a listing and brief explanation of all off-cycle salary adjustments, conversion of positions from classified to faculty status, changes in the percent of employment (example: 50% to 75%), etc.

II. SPONSORED RESEARCH FACULTY

Section II documents appointments and changes to faculty positions funded by sponsored grants and contracts. These positions are usually “restricted” with a fixed-term appointment. Occasionally, appointments may be designated as regular (non-restricted) and will be noted as such.

A. New Appointments

This section includes appointments such as Visiting Assistant Professor, Professional Lecturer, or Instructor, as well as any of the various “Special Research-Ranked Faculty” titles, such as Research Associate, Postdoctoral Associate, or Research Scientist. Faculty appointed to these positions are funded from sponsored grants and contracts on one-year or multi-year appointments, which may be renewed depending on availability of funding, need for services, and performance.

B. Adjustments in Appointment and/or Salary

This section contains annual merit adjustments for faculty not included in the special research-ranked positions, changes in rank, special adjustments made for equity, funding availability, or changes in job responsibilities, and similar changes. Also included are adjustments in the percentage of employment and reappointments.

FACULTY PERSONNEL CHANGES
March 26-27, 2006

TEACHING AND RESEARCH FACULTY

NEW APPOINTMENTS

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Escobar, Jeffery	Assistant Professor	Animal & Poultry Sciences	25-Dec-05	100	\$ 65,000
Franz, Nancy	Professor	CALS Extension	10-Mar-06	100	\$ 90,000
Horvath, Brandon	Assistant Professor	Hampton Roads AREC	5-Jan-06	100	\$ 65,000
Hulver, Matthew	Assistant Professor	Human Nutrition, Foods, & Exercise	10-Apr-06	100	\$ 71,000
Mullarky, Isis	Assistant Professor	Dairy Science	14-Aug-06	100	\$ 68,000
Rideout, Steven	Assistant Professor	Eastern Shore Agricultural Research and Extension Center	10-Nov-05	100	\$ 65,000
Schmale III, David	Assistant Professor	Plant Pathology, Physiology, & Weed Science	1-Mar-06	100	\$ 65,000
Zhou, Kequan	Assistant Professor	Food Science & Technology	25-Jan-06	100	\$ 65,000
<u>Architecture & Urban Studies</u>					
Dull, Matthew	Assistant Professor	Center for Public Administration and Policy	10-Aug-06	100	\$ 58,000
Kelsch, Paul	Associate Professor	Landscape Architecture	25-Dec-05	100	\$ 73,000
<u>Business</u>					
Chandon, Elise	Assistant Professor	Marketing	10-Aug-06	100	\$ 118,000
Machin, Jane	Visiting Assistant Professor - Rstr	Marketing	10-Aug-06	100	\$ 80,000
Weaver, Kimberlee	Assistant Professor	Marketing	10-Aug-06	100	\$ 118,000
Zemack-Rugar, Yael	Assistant Professor	Marketing	10-Aug-06	100	\$ 118,000
<u>Engineering</u>					
Nazhandali, Leyla	Assistant Professor	Electrical & Computer Engineering	10-Feb-06	100	\$ 77,600
<u>Liberal Arts & Human Sciences</u>					
Bukvic, Ivica	Assistant Professor	Music	10-Jan-06	100	\$ 48,000
<u>Natural Resources</u>					
Schoenholtz, Stephen	Professor - Tenured	Water Resources Research Center	10-Aug-06	100	\$ 101,000
Vyas, Mansi	Visiting Assistant Professor - Rstr	Natural Resources Program	8-Jan-06	100	\$ 40,000

Continued

TEACHING AND RESEARCH FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Science</u>					
Schmale, Jessica	Instructor	Mathematics	10-Aug-06	100	\$ 36,000

TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Dolan, Erin	Assistant Professor	Biochemistry	10-Jan-06	100	\$ 81,189
Ellerbrock, Michael	Professor	Agriculture and Applied Economics	25-Jan-06	100	\$ 107,200
Notter, David	Professor	Animal and Poultry Science	25-Nov-05	100	\$ 116,930
Pattison, Jeremy	Assistant Professor	Southern Piedmont AREC	1-Jan-06	100	\$ 65,000
<u>Architecture & Urban Studies</u>					
Schwaen, Regin	Associate Professor	School of Architecture & Design	10-Dec-05	100	\$ 56,928
<u>Business</u>					
Mihalik, Brian	Associate Dean and Professor	Hospitality and Tourism Management	25-Jan-06	100	\$ 127,649
<u>Engineering</u>					
Annamalai, Annamalai	Assistant Professor	Northern Virginia Engineering	10-Aug-05	100	\$ 71,200
Athanas, Peter	Professor	Electrical & Computer Engineering	25-Dec-05	100	\$ 140,400
Bell, Amy	Associate Professor	Electrical & Computer Engineering	25-Dec-05	100	\$ 110,133
Cox, David	Associate Professor & Asst Dept Head	Chemical Engineering	10-Oct-05	100	\$ 98,800
Dietrich, Andrea	Professor	Civil & Environmental Engineering	25-Dec-05	100	\$ 107,778
Grizzard, Thomas	Professor	Civil & Environmental Engineering	25-Nov-05	100	\$ 157,460
Hall, Christopher	Professor & Asst Dept Head	Aerospace & Ocean Engineering	25-Dec-05	100	\$ 119,451
Hobeika, Antoine	Professor	Civil & Environmental Engineering	10-Feb-06	100	\$ 161,333
Kurdila, Andrew	Professor	Mechanical Engineering	10-Dec-05	100	\$ 195,000
Love, Brian	Professor	Materials Science & Engineering	25-Dec-05	100	\$ 94,758
Lu, Guo-Quan	Professor	Materials Science & Engineering	25-Dec-05	100	\$ 103,000
Neu, Wayne	Associate Professor	Aerospace & Ocean Engineering	25-Dec-05	100	\$ 90,588
Pickrell, Gary	Assistant Professor	Materials Science & Engineering	25-Dec-05	100	\$ 91,899
Rakha, Hesham	Associate Professor	Civil & Environmental Engineering	25-Nov-05	100	\$ 115,300
Stilwell, Daniel	Assistant Professor	Electrical & Computer Engineering	25-Dec-05	100	\$ 113,466
Thole, Karen	Professor	Mechanical Engineering	25-Nov-05	100	\$ 147,700
Walz, John	Professor & Dept Head	Chemical Engineering	25-Nov-05	100	\$ 208,000
Widdowson, Mark	Professor	Civil & Environmental Engineering	25-Dec-05	100	\$ 125,600
<u>Liberal Arts & Human Sciences</u>					
Bloomer, Elizabeth	Instructor	English	25-Dec-05	100	\$ 37,294
D'Aguiar, Fred	Professor	English	25-Dec-05	100	\$ 123,261

Continued

TEACHING AND RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Liberal Arts & Human Sciences</u>					
Gaskill, LuAnn	Professor & Dept Chair	Department of Apparel, Housing, and Resource Management	25-Nov-05	100	\$ 112,328
Hicok, Robert	Assistant Professor	English	25-Nov-05	100	\$ 55,332
Holloway, Rachel	Associate Professor & Dept Chair	Communication Studies	25-Nov-05	100	\$ 98,884
Piercy, Fred	Professor & Dept Chair	Human Development	25-Nov-05	100	\$ 114,211
Rinehart, Susanna	Associate Professor & Assistant Provost for General Education and University Studies	Theatre Arts	10-Jan-06	100	\$ 70,230
Roberts, Constance	Visiting Assistant Professor	Interdisciplinary Studies	10-Feb-06	50	\$ 19,954
Shifflett, Crandall	Professor	History	10-Aug-05	100	\$ 95,612
Shryock, Richard	Associate Professor & Assoc Dept Chair	Foreign Languages & Literatures	1-Oct-05	100	\$ 58,720
Uhden, Raina	Visiting Assistant Professor - Rstr	Foreign Languages & Literatures	25-Dec-05	100	\$ 32,000
<u>Natural Resources</u>					
Rennekar, Scott	Assistant Professor	Wood Science & Forest Products	10-Nov-05	100	\$ 63,000
<u>Science</u>					
Blecher, Marvin	Professor	Physics	25-Dec-05	100	\$ 120,816
Eddleton, Jeannine	Instructor - Rstr	Chemistry	10-Aug-05	100	\$ 40,170
Stephens, Robert	Associate Professor	Psychology	10-Dec-05	100	\$ 99,333
Wi, Sungsool	Assistant Professor	Chemistry	10-Aug-05	100	\$ 54,000
<u>Veterinary Medicine</u>					
Ahmed, S A	Professor	Biomedical Sciences	10-Jan-06	100	\$ 120,000
Berry, Stephanie	Assistant Professor	Small Animal Clinical Sciences	25-Nov-05	100	\$ 79,900
Desrochers, Anne	Assistant Professor -Rstr	Equine Medical Center	25-Nov-05	100	\$ 78,630
Smith, Alison	Assistant Professor -Rstr	Equine Medical Center	25-Nov-05	100	\$ 89,603
Young, Byron	Clinical Assistant Professor	Equine Medical Center	1-Jul-05	100	\$ 75,200
<u>Vice Provost for Outreach</u>					
Bond, Brian	Assistant Professor	Office of International Research, Education, & Development	10-Dec-05	100	\$ 82,301
Farmer, Scott	Lecturer	Outreach Program Administration	20-Dec-05	100	\$ 74,819
			10-Nov-05	100	\$ 57,180

Continued

TEACHING AND RESEARCH FACULTY***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Vice Provost for Outreach</u>					
Hammett, A.L.	Professor	Office of International Research, Education, & Development	16-Jul-05	100	\$ 98,027
Johnson, James	Professor	Office of International Research, Education, & Development	29-Jul-05	100	\$ 89,115
			23-May-05	100	\$ 130,693
Scarpaci, Joseph	Professor	Office of International Research, Education, & Development	4-Jun-05	100	\$ 118,812
			16-Jul-05	100	\$ 91,960
Smith, Robert	Professor	Office of International Research, Education, & Development	29-Jul-05	100	\$ 83,600
			10-Oct-05	100	\$ 91,960
			18-Oct-05	100	\$ 83,600
			10-Jul-05	100	\$ 94,605
Visser, Jan	Associate Professor	Office of International Research, Education, & Development	26-Jul-05	100	\$ 86,277
			31-Oct-05	100	\$ 94,605
			10-Nov-05	100	\$ 86,277
			7-Oct-05	100	\$ 86,680
			19-Oct-05	100	\$ 78,800

ADMINISTRATIVE AND PROFESSIONAL**NEW APPOINTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Bowen, Jason	Associate Extension Agent	VA Cooperative Extension	10-Jan-06	100	\$ 35,000
Bullock, Magda	Area Program Coordinator - Rstr	VA Cooperative Extension	10-Dec-05	100	\$ 55,000
Carrington, Anne-Carter	Area Program Coordinator - Rstr	VA Cooperative Extension	25-Feb-06	100	\$ 50,000
Channell, Sherry	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 33,306
Cook, Megan	4-H Project Associate - Rstr	VA Cooperative Extension	10-Nov-05	100	\$ 28,000
Cox, Karen	Extension Agent	VA Cooperative Extension	25-Mar-06	100	\$ 35,000
Cuddy, David	Associate Extension Agent	VA Cooperative Extension	10-Nov-05	100	\$ 38,000
Farrell, Sarah	Associate Extension Agent	VA Cooperative Extension	25-Jan-06	100	\$ 42,000
Grau, Amanda	Associate Extension Agent	VA Cooperative Extension	10-Feb-06	100	\$ 34,000
Hairston, Jewel	District Program Leader	VA Cooperative Extension	10-Dec-05	100	\$ 70,000
Hyland, Heidi	Associate Extension Agent	VA Cooperative Extension	10-Jan-06	100	\$ 56,000
Ignosh, Maria	Associate Extension Agent - Rstr	VA Cooperative Extension	10-Jan-06	100	\$ 38,000
Johnson, Jeremy	Associate Extension Agent	VA Cooperative Extension	10-Jan-06	100	\$ 35,000
LaNore, Nicole	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 33,000
Lathan, Tiffany	Associate Extension Agent	VA Cooperative Extension	10-Jan-06	100	\$ 39,900
Marchant, Mary	Associate Dean and Director - Academic Programs - Tenured	CALS Administration	15-Apr-06	100	\$ 140,000
Mathew, Arthur	Associate Extension Agent	VA Cooperative Extension	25-Feb-06	100	\$ 46,000
Merryman, Diane	Extension Agent	VA Cooperative Extension	25-Jan-06	100	\$ 31,000
Mize, Timothy	Associate Extension Agent	VA Cooperative Extension	10-Jan-06	100	\$ 44,000
Myers, Ashley	Area Specialist, Grape Pathology	AHS Jr AREC	17-Jan-06	100	\$ 44,000
Rigney, Clifton	Program Director	VA Cooperative Extension	10-Dec-05	100	\$ 33,000
Smith, Crystal	Associate Extension Agent	VA Cooperative Extension	25-Dec-05	100	\$ 36,000
Thompson, Jennifer	Associate Extension Agent	VA Cooperative Extension	10-Feb-06	100	\$ 35,000
Walker, Martha	Area Specialist, Community Viability	VA Cooperative Extension	25-Oct-05	100	\$ 75,000
Worrell, William	Associate Extension Agent	VA Cooperative Extension	25-Nov-05	100	\$ 47,000
<u>Athletics</u>					
Feldman, Nathaniel	Assistant Women's Tennis Coach	Athletics	3-Oct-05	100	\$ 23,660
Gray, Torrian	Assistant Football Coach	Athletics	7-Mar-06	100	\$ 110,000
Hyatt, Michael	Athletic Trainer	Athletics	31-Jan-06	100	\$ 35,000
Newsome, Curtis	Assistant Football Coach	Athletics	25-Feb-06	100	\$ 104,243
O'Cain, Thomas	Assistant Football Coach	Athletics	25-Feb-06	100	\$ 152,283
Sherman, Kevin	Assistant Football Coach	Athletics	25-Feb-06	100	\$ 116,023
<u>Dean of Libraries</u>					
Stovall, Connie	Professional Instructor	University Libraries	25-Mar-06	100	\$ 37,000

Continued

ADMINISTRATIVE AND PROFESSIONAL***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Liberal Arts & Human Sciences</u>					
Pourchot, Georgeta	Online Masters Director for the National Capital Region	Political Science	10-Nov-05	50	\$ 24,000
<u>Natural Resources</u>					
Araman, Judith	Recruitment and Career Coordinator	College of Natural Resources	6-Mar-06	100	\$ 33,000
<u>President</u>					
Sloane, Margaret	Associate Director for Compliance and Conflict Resolution	Office for Equal Opportunity	1-Jan-06	100	\$ 75,000
<u>Provost</u>					
Edmison, Gina	Victims Services Outreach Coordinator - Rstr	Women's Center	10-Nov-05	100	\$ 30,000
Lind, Melissa	Victim Advocate - Rstr	Women's Center	25-Feb-06	63	\$ 24,150
<u>Vice President for Alumni Relations</u>					
Tuttle, Christopher	Assistant Director of Alumni Relations	Alumni Relations	8-Feb-06	100	\$ 47,000
<u>Vice President for Business Affairs</u>					
Ghoting, Vinod	Director of Capital Design and Construction Department	Capital Design and Construction	1-Nov-05	100	\$ 93,600
<u>Vice President for Development & University Relations</u>					
Broadstone, Elaine	Director of Development, Research	University Development	30-Jan-06	100	\$ 63,000
Dame, Michael	University Web Communications Director	University Relations	28-Nov-05	100	\$ 74,000
Gray, Cynthia	Resource Development Officer for WVTF Public Radio	University Development	1-Feb-06	100	\$ 57,000

Continued

ADMINISTRATIVE AND PROFESSIONAL***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Vice President for Development & University Relations</u>					
Hall, Amanda	Assistant Director of Development, Virginia-Maryland Regional College of Veterinary Medicine	University Development	20-Feb-06	100	\$ 40,000
Hamilton, Elizabeth	Director of Development for University Libraries	University Development	25-Feb-06	100	\$ 47,500
Jones, Robert	Associate Director of Development for the College of Engineering	University Development	25-Feb-06	100	\$ 75,000
Kiser, Michael	Director of Development Communications	University Development	1-Dec-05	100	\$ 79,000
<u>Vice President for Student Affairs</u>					
Lowe, Kimberly	Assistant Director, Student Life Office, Parent Relations - Rstr	Student Life Office	25-Oct-05	100	\$ 40,000
<u>Vice Provost for Outreach</u>					
Blevins, Leanna	Vice President of Student and Community Development, New College Institute - Rstr	Outreach and International Affairs	16-Jan-06	100	\$ 70,000
Dorsey, Barry	Executive Director, New College Institute - Rstr	Outreach and International Affairs	16-Jan-06	100	\$ 150,000

ADMINISTRATIVE AND PROFESSIONAL**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Abel, Jennifer	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 50,100
Abston, Therese	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 40,606
Adcock, Michelle	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 43,526
Alexander, Wesley	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 60,269
Allen, George	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 48,167
Alstat, Kathryn	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 39,447
Baker, Karen	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 38,000
Baker, Scott	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 48,139
Balderson, Thomas	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 55,996
Baney, Jinx	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 57,791
Barnes, Laquita	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 47,977
Barrett, John	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 42,396
Barrow, Melanie	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 38,833
Baskfield-Heath, Doris	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 49,078
Blankenship, John	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 48,010
Blankenship-Baker, Jan	Extension Agent	VA Cooperative Extension	10-Oct-05	100	\$ 46,883
			10-Dec-05	100	\$ 50,183
Blevins, Philip	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 63,776
Bordas, Adria	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 62,040
Burkett, Sarah	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 63,973
Byars, Scott	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 43,096
Byrd, Carol	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 46,842
Carter, Deborah	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 58,642
Carter, Karen	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 50,760
Carter, Renee	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 53,922
Chappell, Glenn	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 51,152
Childs, Clay	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 62,441
			10-Dec-05	100	\$ 62,641
Clarke, C T.	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 46,523
Collier, Patty	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 57,767
Cotten, Rexford	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 56,952
Dailey, Jocelyn	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 33,600
Davis, Donald	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 60,364
Davis, Paul	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 58,371
Diehl, Stephanie	Extension Agent	VA Cooperative Extension	25-Aug-05	100	\$ 52,120
			10-Dec-05	100	\$ 55,020
Dimock, William	Extension Agent	VA Cooperative Extension	1-Jan-06	100	\$ 53,881
Eigel, Bethany	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 35,725
Elmer, Billie	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 54,181
Estep, Cornelia	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 49,207

Continued

ADMINISTRATIVE AND PROFESSIONAL***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Fisher, Kevin	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 45,953
			25-Feb-06	100	\$ 49,000
Gilland, Traci	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 45,511
Goerger, Melanie	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 39,180
Goerlich, Daniel	District Program Leader	VA Cooperative Extension	10-Dec-05	100	\$ 60,000
Hectus, Alison	Associate Extension Agent	VA Cooperative Extension	10-Oct-05	100	\$ 35,100
			10-Dec-05	100	\$ 39,100
Herndon, Susan	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 53,126
Hicks, Lloyd	Center Director, Jamestown 4-H Educational Center	VA Cooperative Extension	10-Jan-06	100	\$ 66,000
Hodges, Christine	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 34,200
Holden, Brenda	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 63,385
Hopkins, Steven	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 53,051
Howe, John	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 55,444
Jarvis, Leon	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 51,415
Jerrell, Harold	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 52,130
Jewell, Annette	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 50,708
Johnson, Elizabeth	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 42,338
Johnson, Samuel	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 61,452
Jones, Bruce	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 46,256
Jones, Robert	Unit Director	VA Cooperative Extension	10-Dec-05	100	\$ 47,355
Kastan, Christine	District Program Leader	VA Cooperative Extension	10-Jan-06	100	\$ 70,000
Lachance, Michael	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 47,454
Lawrence, Marion	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 50,495
Leech, Rodney	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 54,700
Lewis, Matthew	Associate Extension Agent	VA Cooperative Extension	10-Nov-05	100	\$ 37,564
			10-Dec-05	100	\$ 40,164
Liddington, Kelly	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 47,509
Liggon, Cathy	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 39,100
Likins, Thomas	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 56,664
Love, Kenner	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 42,616
Lytton, Charles	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 50,950
Marston, Cynthia	District Program Leader	VA Cooperative Extension	10-Dec-05	100	\$ 70,000
Massey, Joseph	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 42,500
Meador, Marcia	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 60,722
Mercer, Jennifer	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 52,667
Milbourne, Pauline	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 54,685
Miller, Matthew	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 37,831
Moore, David	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 53,717

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ADMINISTRATIVE AND PROFESSIONAL**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Moore-Sivels, Gina	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 48,662
Morris, Marilyn	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 61,791
Mullins, William	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 42,428
Munden, Karen	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 54,401
Murphy, Linda	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 60,255
Mussey, Guy	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 59,155
Nansel, Carol	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 53,435
Nussman, Leslie	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 35,800
Orband, James	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 63,903
Osborne, James	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 60,592
Overbay, Andrew	District Program Leader	VA Cooperative Extension	10-Nov-05	100	\$ 60,000
Padgett, Geneva	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 36,538
Parrish, Michael	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 53,460
Pelland, Patsy	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 55,567
Prillaman, Leslie	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 50,612
Prunty, Regina	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 52,746
Puffenbarger, Susan	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 47,375
Reiter, James	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 44,824
Repair, Jonathan	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 64,128
Robinson, Walter	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 52,921
Rosson, Charles	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 47,750
Rowles, Cynthia	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 44,553
Rush, Flora	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 60,938
Schalk, Rita	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 48,097
Seay, William	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 54,828
Short, Catherine	Associate Extension Agent	VA Cooperative Extension	10-Feb-06	100	\$ 38,600
Smith, David	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 44,200
Snyder, Glenda	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 61,349
Sutphin, Stuart	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 53,924
Swanson, Lynnette	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 52,324
Talley, Traci	Extension Agent	VA Cooperative Extension	25-Feb-06	100	\$ 39,206
Tazewell, Bonnie	Extension Agent	VA Cooperative Extension	25-Nov-05	100	\$ 54,339
Thompson, John	Associate Extension Agent	VA Cooperative Extension	19-Dec-05	100	\$ 39,700
Tyler, Crystal	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 47,800
	Area Specialist, Community Viability	VA Cooperative Extension	10-Feb-06	100	\$ 57,000
Unroe, Jennifer	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 49,542
Uzel, Alinda	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 46,759
Wallace, Ruth	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 46,489

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ADMINISTRATIVE AND PROFESSIONAL***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Warren, Peter	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 42,772
Wells, Kelvin	Unit Director	VA Cooperative Extension	10-Dec-05	100	\$ 54,700
Whittle, William	Senior Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 57,599
Williams, Mary	Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 43,609
Wu-Rorrer, Billy	Associate Extension Agent	VA Cooperative Extension	10-Dec-05	100	\$ 43,350
<u>Athletics</u>					
Ball, Anthony	Assistant Football Coach	Athletics	1-Jan-06	100	\$ 116,023
Cavanaugh, James	Assistant Football Coach	Athletics	1-Jan-06	100	\$ 147,830
Foster, Robert	Defensive Coordinator, Football	Athletics	1-Jan-06	100	\$ 203,024
			1-Jan-06	100	\$ 218,024
Gentry, Michael	Assistant Athletic Director, Sports Performance	Athletics	1-Jan-06	100	\$ 122,524
Gergen, Jayme	Assistant Volleyball Coach	Athletics	25-Jan-06	100	\$ 29,660
Hite, William	Assistant Football Coach	Athletics	1-Jan-06	100	\$ 169,172
			1-Jan-06	100	\$ 179,172
Pearman, Daniel	Assistant Football Coach	Athletics	1-Jan-06	100	\$ 104,243
Stinespring, Bryan	Offensive Coordinator, Football	Athletics	1-Jan-06	100	\$ 162,087
			1-Jan-06	100	\$ 177,087
Ward, Lorenzo	Assistant Football Coach	Athletics	1-Jan-06	100	\$ 129,096
Weaver, James	Director of Athletics	Athletics	1-Jan-06	100	\$ 303,592
			10-Apr-06		
Weaver, James	Director of Athletics	Athletics	1-Jan-06	100	\$ -
Wiles, Charles	Assistant Football Coach	Athletics	1-Jan-06	100	\$ 140,762
<u>Dean of Libraries</u>					
Glennon, Irene	Professional Assistant Professor	University Libraries	25-Sep-05	100	\$ 58,422
<u>Engineering</u>					
Atkins, Kathy	Business Manager	Electrical & Computer Engineering	10-Jan-06	100	\$ 94,700
Swift, Matthew	Department Administrator	Mechanical Engineering	25-Oct-05	100	\$ 95,000
<u>Executive Vice President</u>					
Cooper, George	Director, Business and Management Systems	Executive Vice President and Chief Operating Officer	25-Jan-06	100	\$ 65,000

Continued

ADMINISTRATIVE AND PROFESSIONAL***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>President</u>					
Heidbreder, Kay	University Counsel	University Counsel	10-Jan-06	100	\$ 140,000
<u>Provost</u>					
LoMascolo, Anna	Assistant Director for Programming	Women's Center	1-Nov-05	100	\$ 36,000
Plummer, Ellen	Director, Women's Center & Special Assistant to Provost	Women's Center	10-Nov-05	100	\$ 77,400
<u>Vice President for Alumni Relations</u>					
Hall, John	Interim Assistant Vice President for Alumni Relations	Alumni Relations	23-Jan-06	100	\$ 65,450
Jackson, Robin	Assistant Director of Alumni Relations - College of Science	Alumni Relations	1-Jan-06	100	\$ 46,000
Lucero, Jamie	Assistant Director of Alumni Relations	Alumni Relations	3-Jan-06	100	\$ 30,020
<u>Vice President for Budget and Financial Management</u>					
Campbell, Allen	Coordinator of University Budget and Financial Systems	Budget and Financial Planning	10-Feb-06	100	\$ 81,000
<u>Vice President for Development</u>					
Gresham, Hunter	Director of Special Events	University Development	5-Dec-05	100	\$ 47,000
Jackson, Tysus	Director of Development for the College of Liberal Arts and Human Sciences	University Development	10-Dec-05	100	\$ 60,000
Johnson, Kylie	Director of Development for Fine Arts and Performing Arts	University Development	21-Oct-05	100	\$ 80,080

SPECIAL RESEARCH FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Brannan, Kevin	Research Associate - Rstr	Biological Systems Engineering	10-Feb-06	100	\$ 37,200
Burger, Julia	Research Associate - Rstr	Crop & Soil Environmental Science	10-Dec-05	50	\$ 18,000
Carlier, Deborah	Project Associate - Rstr	Entomology	7-Nov-05	50	\$ 25,948
Choudhury, Ranginee	Postdoctoral Associate - Rstr	Animal and Poultry Sciences	3-Jan-06	100	\$ 31,000
Dalal, Seema	Research Scientist - Rstr	Biochemistry	25-Oct-05	100	\$ 35,000
Gu, Zhiliang	Postdoctoral Associate - Rstr	Animal and Poultry Sciences	4-Jan-06	100	\$ 30,000
Gundrum, Patricia	Research Associate - Rstr	Crop & Soil Environmental Science	10-Mar-06	100	\$ 38,000
Han, Qian	Research Scientist - Rstr	Biochemistry	1-Jan-06	100	\$ 46,200
Hassan, Gaber	Research Scientist - Rstr	Crop & Soil Environmental Science	20-Jan-06	100	\$ 30,000
Hofmann, Nicolle	Postdoctoral Associate - Rstr	CALS Research	31-Oct-05	100	\$ 40,000
Kharana, Harmandeep	Postdoctoral Associate - Rstr	Eastern Shore AREC	5-Dec-05	100	\$ 30,000
Li, Junsuo	Research Scientist - Rstr	Biochemistry	10-Nov-05	100	\$ 40,000
Marchand, Julie	Research Associate - Rstr	Human Nutrition, Foods and Exercise	25-Feb-06	100	\$ 50,000
Reed, Deborah	Research Associate - Rstr	Horticulture/Biological Sciences	10-Nov-05	50	\$ 15,250
Saxton, Harry	Research Associate - Rstr	Crop & Soil Environmental Science	10-Jan-06	100	\$ 50,000
<u>Architecture & Urban Studies</u>					
Anacker, Katrin	Postdoctoral Associate - Rstr	Metropolitan Institute	10-Aug-06	100	\$ 43,000
<u>Engineering</u>					
Bae, Kyung	Postdoctoral Associate - Rstr	Electrical & Computer Engineering	25-Jan-06	100	\$ 48,000
Feng, Xizhou	Research Associate - Rstr	Computer Science	25-Feb-06	100	\$ 44,886
Hadjichristofi, George	Postdoctoral Associate - Rstr	Electrical & Computer Engineering	10-Dec-05	100	\$ 45,000
Meehan, Christopher	Postdoctoral Associate - Rstr	Civil & Environmental Engineering	10-Feb-06	100	\$ 40,000
Park, Woo-Hyung	Postdoctoral Associate - Rstr	Industrial & Systems Engineering	1-Feb-06	50	\$ 15,000
Qiu, Yang	Research Associate - Rstr	Center for Power Electronics Systems	25-Feb-06	100	\$ 50,000
Reddy, Chevva	Postdoctoral Associate - Rstr	Aerospace and Ocean Engineering	15-Nov-05	100	\$ 35,000
Xu, Yang	Postdoctoral Associate - Rstr	Electrical & Computer Engineering	10-Jan-06	60	\$ 24,000
Young, Kevin	Research Associate - Rstr	Civil & Environmental Engineering	15-Nov-05	80	\$ 35,000
<u>Executive Vice President</u>					
Chibucos, Marcus	Postdoctoral Associate - Rstr	Virginia Bioinformatics Institute	3-Jan-06	100	\$ 45,000
Gillespie, Joseph	Postdoctoral Associate - Rstr	Virginia Bioinformatics Institute	3-Jan-06	100	\$ 47,000
Hance, Ioana	Research Associate - Rstr	Virginia Bioinformatics Institute	16-Jan-06	100	\$ 40,000
Sun, Jian	Research Associate - Rstr	Virginia Bioinformatics Institute	14-Nov-05	100	\$ 50,000
Torto-Alalibo, Gertrude	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	3-Jan-06	100	\$ 60,000
Wang, Xia	Research Associate - Rstr	Virginia Bioinformatics Institute	1-Nov-05	100	\$ 50,000

Continued

SPECIAL RESEARCH FACULTY***NEW APPOINTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Liberal Arts & Human Sciences</u>					
Jones, Christopher	Research Associate - Rstr	Office of Educational Research & Outreach	7-Nov-05	100	\$ 41,139
<u>Natural Resources</u>					
Fujino, Takeshi	Postdoctoral Associate - Rstr	Forestry	10-Jan-06	100	\$ 38,000
Wang, Chieh	Postdoctoral Associate - Rstr	Forestry	25-Feb-06	100	\$ 38,000
<u>Provost</u>					
Duong, Deborah	Research Scientist - Rstr	National Capital Region Operation	15-Jan-06	100	\$ 85,500
<u>Science</u>					
Angel, Andrew	Postdoctoral Associate - Rstr	Physics	9-Jan-06	100	\$ 31,600
Benczik, Izabella	Postdoctoral Associate - Rstr	Physics	9-Jan-06	100	\$ 35,000
Black, Wesley	Postdoctoral Associate - Rstr	Biological Sciences	1-Feb-06	100	\$ 35,000
Chen, Hong	Postdoctoral Associate - Rstr	Physics	1-Jan-06	100	\$ 35,000
Kini, Rajeev	Postdoctoral Associate - Rstr	Physics	1-Mar-06	100	\$ 35,000
Mutchler, Scott	Senior Research Associate - Rstr	Geosciences	25-Feb-06	100	\$ 42,500
Wong, Dawn	Postdoctoral Associate - Rstr	Chemistry	7-Feb-06	100	\$ 32,000
Yan, Jinyuan	Postdoctoral Associate - Rstr	Geosciences	10-Feb-06	100	\$ 45,000
Yang, Jianhua	Postdoctoral Associate - Rstr	Biological Sciences	1-Mar-06	100	\$ 33,000
<u>Veterinary Medicine</u>					
Liang, Chengya	Research Associate - Rstr	Biomedical Sciences & Pathobiology	25-Nov-05	100	\$ 30,000
Werre, Stephen	Research Assistant Professor - Rstr	Biomedical Sciences & Pathobiology	10-Feb-06	100	\$ 65,000
<u>Vice President for Research</u>					
Antin, Jonathan	Research Scientist - Rstr	Virginia Tech Transportation Institute	31-Oct-05	100	\$ 110,000
Fitch, Gregory	Research Associate - Rstr	Virginia Tech Transportation Institute	17-Jan-06	100	\$ 55,000
Spillman, William	Research Associate Professor - Rstr	Research/Interdisciplinary Programs Administration	10-Jan-06	100	\$ 117,163

SPECIAL RESEARCH FACULTY**ADJUSTMENTS**

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Agriculture & Life Sciences</u>					
Burger, Julia	Research Associate - Rstr	Crop & Soil Environmental Science	25-Jan-06	75	\$ 27,000
Hipkins, Patricia	Research Associate - Rstr	Entomology	21-Jan-06	100	\$ 52,078
			5-Feb-06	100	\$ 47,344
Hurley, Eldon	Research Associate - Rstr	Food Science & Technology	9-Jan-06	100	\$ 39,500
Lim, Chang	Research Assistant Professor - Rstr	Biochemistry	16-Feb-06	100	\$ 54,000
McFerren, Mary	Project Director - Rstr	Human Nutrition, Foods, and Exercise	10-Dec-05	100	\$ 74,000
<u>Engineering</u>					
Cao, Chengyu	Research Scientist - Rstr	Aerospace & Ocean Engineering	10-Dec-05	100	\$ 40,000
Carneal, James	Research Scientist - Rstr	Mechanical Engineering	25-Nov-05	100	\$ 57,750
Chevva, Konda	Postdoctoral Associate - Rstr	Aerospace & Ocean Engineering	15-Feb-06	100	\$ 36,892
Dove, Joseph	Research Assistant Professor - Rstr	Civil & Environmental Engineering	25-Oct-05	85	\$ 54,825
			25-Nov-05	85	\$ 56,738
Perchar, Todd	Postdoctoral Associate - Rstr	Chemical Engineering	25-Nov-05	100	\$ 42,000
Sheng, Lizeng	Postdoctoral Associate - Rstr	Aerospace & Ocean Engineering	10-Feb-06	100	\$ 37,130
<u>Executive Vice President</u>					
Evans, Clive	Research Scientist - Rstr	Virginia Bioinformatics Institute	10-Jan-06	100	\$ 91,391
Santopeitro, Graciela	Research Associate - Rstr	Virginia Bioinformatics Institute	25-Jan-06	100	\$ 42,500
Setubal, Joao	Associate Professor	Virginia Bioinformatics Institute	25-Aug-05	100	\$ 116,500
Sharp, Bruce	Senior Project Associate -- Rstr	Virginia Bioinformatics Institute	25-Feb-06	100	\$ 41,040
Wattam, Alice	Senior Research Associate - Rstr	Virginia Bioinformatics Institute	25-Nov-05	100	\$ 71,108
<u>Natural Resources</u>					
Heinemann, Christian	Postdoctoral Associate - Rstr	Wood Science & Forest Products	25-Nov-05	100	\$ 39,092
Lee, Sang Mook	Research Scientist - Rstr	Wood Science & Forest Products	25-Jan-06	100	\$ 52,624
Maccubbin, Bonnie	Project Associate - Rstr	Wood Science & Forest Products	25-Jan-06	100	\$ 44,000
Short, David	Project Associate - Rstr	Conservation Management Institute	15-Oct-05	100	\$ 55,750
<u>Science</u>					
Hatzikoutelis, Athanasios	Research Scientist - Rstr	Physics	1-Jan-06	100	\$ 45,000
Wang, Guangbin	Postdoctoral Associate - Rstr	Chemistry	1-Mar-06	100	\$ 35,610
Zhao, Jing	Senior Research Associate - Rstr	Geosciences	25-Nov-05	100	\$ 36,000

Continued

SPECIAL RESEARCH FACULTY***ADJUSTMENTS***

NAME	TITLE	DEPARTMENT	EFF DATE	% APPT	ANNUAL RATE
<u>Veterinary Medicine</u>					
Tschetter, Jolynne	Research Assistant Professor - Rstr	Large Animal Clinical Science	1-Jan-06	100	\$ 60,000
<u>Vice President for Research</u>					
Cospel, Carl	Research Associate - Rstr	Virginia Tech Transportation Institute	10-Nov-05	100	\$ 59,000
Sudweeks, Jeremy	Research Associate - Rstr	Virginia Tech Transportation Institute	25-Nov-05	100	\$ 55,000
Weigand, Douglas	Research Associate - Rstr	Virginia Tech Transportation Institute	10-Jan-06	100	\$ 45,000
<u>Vice Provost for Outreach</u>					
Moore, Keith	Senior Research Associate - Rstr	Office of International Research, Education, and Development	3-Feb-06	100	\$ 74,085
Wills, Lila	Research Associate - Rstr	Office of International Research, Education, and Development	28-May-05	100	\$ 63,658
			7-Jun-05	100	\$ 57,871

ACC Championship Game and Gator Bowl Bonuses

It has been a tradition in collegiate athletics to recognize the efforts of the coaching staff after a successful season culminating in post-season play. The Hokies finished their regular season in second place of the ACC, and earned the right to play in the inaugural ACC Championship game in Jacksonville, Florida on December 3, 2005. Although the Hokies were defeated in this championship game by the Florida State Seminoles, they received a bid to play in the 2006 Toyota Gator Bowl and defeated the University of Louisville Cardinals by a score of 35-24. Associated Press and ESPN/USA Today Coaches Polls ranked the Hokies seventh in the nation at the end of the 2005 football season. The Gator Bowl event marked the thirteenth consecutive bowl game for the Virginia Tech football program.

In recognition of their dedication and efforts, the university proposes to award bonuses to the football coaching, training and operations staff, the Athletic Director, and the Director and Assistant Director of the Marching Virginians. In accordance with the terms of coaches' contracts and the university's post season play bonus policy, the university proposes that the following bonuses be awarded. The bonuses are one-time awards and do not affect base salaries. All bonuses will be funded from tournament proceeds.

RECOMMENDATION: That the contractual bonuses for the 2006 Gator Bowl be ratified, and that the bonuses for the ACC Championship game and the non-contractual Gator Bowl bonuses be approved.

March 27, 2006

ACC CHAMPIONSHIP GAME BONUSES

Non-Contractual Bonus	Title	Bonus Amount
Ball, Anthony	Assistant Coach	3,000
Ballein, John	Associate Athletic Director	3,000
Cavanaugh, Jim	Assistant Coach/Recruiting Coordinator	4,000
Foster, Bud	Defensive Coordinator	5,000
Gentry, Mike	Head Strength & Conditioning Coach	3,000
Goforth, Michael	Athletic Trainer	1,500
Hite, Billy	Associate Head Coach	4,000
Karlin, Lester	Equipment Manager	1,500
Pearman, Danny	Assistant Coach	3,000
Rogers, Kevin	Assistant Coach	3,000
Stinespring, Bryan	Offensive Coordinator	5,000
Ward, Lorenzo	Assistant Coach	3,000
Wiles, Charles	Assistant Coach	3,000
TOTAL ACC CHAMPIONSHIP GAME BONUSES:		42,000
TOTAL GATOR BOWL AND ACC CHAMPIONSHIP GAME BONUSES:		494,759

GATOR BOWL BONUSES

Contractual Bonus	Contract Owner	Title	Bonus Amount
Ball, Anthony	Beamer	Assistant Coach	18,750
Ballein, John	Beamer	Associate Athletic Director/Football Operations	8,904
Beamer, Frank	Beamer	Head Football Coach	155,388
Cavanaugh, Jim	Beamer	Assistant Coach/Recruiting Coordinator	18,750
Foster, Bud	Foster	Defensive Coordinator	40,000
Gentry, Mike	Gentry	Head Strength & Conditioning Coach	18,750
Goforth, Michael	Beamer	Head Trainer	5,356
Hite, Billy	Hite	Associate Head Coach	18,750
Johnson, Jack	Gentry	Assistant Strength & Conditioning Coach	3,962
Karlin, Lester	Beamer	Equipment Manager	4,007
Pearman, Danny	Beamer	Assistant Coach	18,750
Roger, Kevin	Beamer	Assistant Coach	18,750
Stinespring, Bryan	Stinespring	Offensive Coordinator	40,000
Ward, Lorenzo	Beamer	Assistant Coach	18,750
Weaver, Jim	Weaver	Athletic Director	36,142
Wiles, Charles	Beamer	Assistant Coach	18,750
SUBTOTAL CONTRACTUAL GATOR BOWL BONUSES:			443,759

Non-Contractual Bonus	Title	Bonus Amount
McKee, Dave	Band Director	5,000
Petersen, Will	Assistant Band Director	4,000
SUBTOTAL NON-CONTRACTUAL GATOR BOWL BONUSES:		9,000

TOTAL GATOR BOWL BONUSES	452,759
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RESEARCH AND DEVELOPMENT DISCLOSURE REPORT

October 1, 2005 - February 28, 2006

Reason for Conflict	External Entity	Owner	Principal Investigator	Co - P.I.'s	College	Period of Performance	Award Amount	Project
Faculty-owned Business	Nanosonic, Inc.	R. Claus	R. Claus	F. Zhang	Engineering	Feb 06 - Jun 06	\$30,000	Laboratory Analysis of Nanocomposite Coatings - STTR/SBIR program subcontract to Virginia Tech
Faculty-owned Business	NBE Technologies, LLC	G. Lu	N/A	N/A	Engineering	Jul 05 - Jun 06	N/A	Use of University Facilities at rate charged to all private corporations
Faculty-owned Business	Technology in Blacksburg, Inc.	W. Ng	D. Stillwell	No Co-PI	Engineering	Aug 05 - Jun 06	\$40,000	Design and Fabrication of Static and Dynamic Mechanical Seals - STTR/SBIR program subcontract to Virginia Tech
Faculty-owned Business	Passive Sensors Unlimited	J. Li	D. Viehland	No Co-PI	Engineering	Aug 05 - Feb 06	\$41,000	Magnetolectric Composites for Sensitive, Low-Frequency Magnetic Anomaly Detectors Payment to company for sponsored mandated design work on static and dynamic seals
Faculty-owned Business	Minerals and Coal Technologies	R. Yoon	N/A	N/A	Engineering	Jul 05 - Jun 06	N/A	Use of University Facilities at rate charged to all private corporations
Faculty-owned Business	California Digital Corporation	S. Varadarajan	N/A	N/A	Engineering	Jan 06 to Dec 06	N/A	Use of University Supercomputer Facilities In exchange, Virginia Tech to receive non-exclusive perpetual license to corporate software and updates

CONFLICT OF INTEREST

What is a conflict of interest?

A conflict of interest means that because of other activities or relationships with other persons, you are unable to render impartial assistance or advice; your objectivity in performing the work is or might be impaired; or you have an unfair competitive advantage. The conflict could be either personal or organizational.

What is a personal conflict of interest?

Personal conflicts result from personal activities or relationships that affect the contract work. Personal conflicts of interest occur when a faculty member, any of his/her family, or associated entity, receive personal financial reward from an external company, agency, institution, individual, or other entity in a manner which may bias the individual's judgment, or compromise his/her ability to carry out the contractual obligation to the university for teaching, research, administrative and service responsibilities.

An actual or potential conflict of interest exists when it is determined that a significant financial interest could affect the design, conduct, or reporting of activities proposed. (Faculty Handbook, 2.16.3.4)

What is an organizational conflict of interest?

Organizational conflicts of interest are conflicts caused by activities or relationships of the university. The federal government has organizational conflict of interest rules to ensure that the contractor is not biased because of its financial, contractual, organizational, or other interests which relate to the work under the contract. (FAR Subpart 9.5) For example, the university would be precluded from reviewing its own work or work that could impact any of the university's interests.

In addition, the federal rules prevent any organizational conflicts that could provide an unfair competitive advantage to the university. For example, an organizational conflict of interest would prevent the university from proposing on work for which it had developed the specifications or work statements.

Are there any state laws that address conflicts of interests?

Yes. A university employee is prohibited from having a "personal interest in a contract" with the university.

What is a "personal interest in a contract"?

There is a personal interest in a contract if the following three conditions are met:

1. **Does the employee have a “personal interest” with a business?**
 - 3% **or more** equity in business;
 - Annual income more than \$10K from ownership in real or personal property of business;
 - Annual salary or other compensation more than \$10K;
 - More than \$10K ownership interest in real or personal property of business; or
 - Personal liability for business more than 3% of business’s assets.
2. **Does the business have a contract with VT?**
3. **Is the employee either:**
 - Party to the contract; or
 - Personal interest in a business that is party to contract

IF “YES” TO ALL OF ABOVE, THERE IS A CONFLICT OF INTEREST PROHIBITED BY STATE STATUTE

Are there exceptions to this state prohibition?

Yes. There are a number of allowable exceptions. Those relevant to contracts are:

1. **Uniform Prices. University** contract was at uniform prices available to all members of the public.
2. **R&D or commercialization contract.** Disclosure by employee and approval by Board of Visitors **or President if designated by the Board of Visitors** prior to the award of the contract.

Who is responsible for identifying and resolving conflicts of interests?

The individual employee is responsible for disclosing financial, consulting, or other interests that could create potential or actual conflicts of interest. The department is responsible for imposing any necessary conditions or restrictions to manage, reduce, or eliminate actual or potential conflicts.

OSP is responsible for identifying and negotiating contract terms and conditions for conflict of interest restrictions. OSP is also responsible for taking any contract actions to resolve conflicts that may arise after award. For instance, OSP would be responsible for modifying the contract to name a co-PI for fiduciary responsibility.

Are there special considerations for Principal Investigators?

Yes, the University has determined that an employee who has a personal or family-related financial interest in a business contracting with the university to conduct research may not serve as the **sole** principal investigator.

In addition, remember that a PI would not be eligible for the exception relating to nonparticipation in the letter of the contract. However, the PI could perform on a R&D or commercialization contract if prior approval is obtained.

What individual disclosures are required?

Policy 13010 Rev. 2 requires disclosure of the following:

- Financial interest in a company doing business with the university
- Any activities outside the university which may potentially involve business, employment, consulting, or appointment to other positions or responsibilities within an external organization

What are the requirements for investigators?

- Is there a conflict or a “personal interest in a contract”? Determine if they have a conflict of interest and/or commitment. “An actual or potential conflict of interest exists when it is determined that a significant financial interest could affect the design, conduct, or reporting of activities proposed”. Determine if any new financial interest, activity, or relationship creates a personal interest in a contract.
- Identify conflict on internal approval form and complete Policy 13010 forms and MOU as needed.
- Employee with personal or family-related financial interest in a business contracting with the university may not serve as PI under that contract without **a co-principal investigator** having fiduciary responsibility for the contract.
- MOU may need to be prepared to identify other actions to manage, reduce, or eliminate actual or potential conflicts of interest.

Who should be contacted on conflicts of interests questions?

Questions regarding conflicts of interest pertaining to the award or administration of a contract or grant should be discussed with David Richardson (1-8680) or Carol Roberson (1-5520). General conflict of interest issues should be addressed to the University Legal Counsel (1-6293). Advisory opinions can be provided by the Attorney General.

What is an advisory opinion?

While the state law provides severe penalties for violation of conflict of interest laws (§2.2-3121, *Code of Virginia, as amended*), the law also provides a safe harbor if you rely upon advisory opinions. If you have questions or do not know if a transaction presents a prohibited conflict, you may request a written advisory opinion. An employee will not be prosecuted for a knowing violation of the law if, in good faith, the employee relies on a written opinion from the Attorney General (Section 2.2-3121, *Code of Virginia, as amended*). To qualify for the protection of the section, full disclosure of all relevant facts must be made. Contact the University Legal Counsel (1-6293) or the Office of the Attorney General with any questions on obtaining an advisory opinion.

VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
FRESHMEN

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AGRICULTURE AND LIFE SCIENCES*										
MEN	123	88	87	75	49	51	53	70	70	92
WOMEN	187	159	143	128	124	125	100	170	164	221
TOTAL	310	247	230	203	173	176	153	240	234	313
ARCHITECTURE AND URBAN STUDIES*										
MEN	115	103	109	114	96	98	96	80	97	94
WOMEN	50	42	42	69	53	48	81	84	97	73
TOTAL	165	145	151	183	149	146	177	164	194	167
BUSINESS*										
MEN	421	376	410	332	305	351	334	339	353	359
WOMEN	275	223	272	224	237	236	262	231	225	282
TOTAL	696	599	682	556	542	587	596	570	578	641
ENGINEERING*										
MEN	1032	965	940	912	739	743	673	878	780	715
WOMEN	204	175	172	156	151	166	125	137	125	112
TOTAL	1236	1140	1112	1068	890	909	798	1015	905	827
INTERDISCIPLINARY										
MEN	507	418	398	476	478	662	584	624	676	736
WOMEN	432	341	350	386	401	422	380	400	414	448
TOTAL	939	759	748	862	879	1084	964	1024	1090	1184
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	161	155	140
WOMEN	0	0	0	0	0	0	0	338	317	300
TOTAL	0	0	0	0	0	0	0	499	472	440
NATURAL RESOURCES*										
MEN	77	64	49	41	43	46	47	40	45	45
WOMEN	51	32	38	21	35	20	23	26	14	25
TOTAL	128	96	87	62	78	66	70	66	59	70
SCIENCE**										
MEN	0	0	0	0	0	0	0	201	190	180
WOMEN	0	0	0	0	0	0	0	354	291	310
TOTAL	0	0	0	0	0	0	0	555	481	490
UNIVERSITY TOTALS										
MEN	2953	2613	2626	2562	2324	2559	2292	2393	2366	2361
WOMEN	2079	1748	1876	1804	1861	1787	1653	1740	1647	1771
TOTAL	5032	4361	4502	4366	4185	4346	3945	4133	4013	4132

* Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SOPHOMORES

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AGRICULTURE AND LIFE SCIENCES*										
MEN	120	127	99	79	91	73	69	101	104	137
WOMEN	168	183	149	143	121	133	150	206	245	273
TOTAL	288	310	248	222	212	206	219	307	349	410
ARCHITECTURE AND URBAN STUDIES*										
MEN	132	141	133	148	147	132	169	140	150	155
WOMEN	67	65	64	63	80	79	144	127	125	154
TOTAL	199	206	197	211	227	211	313	267	275	309
BUSINESS*										
MEN	398	509	422	494	453	398	463	436	432	449
WOMEN	300	294	267	326	284	282	299	325	289	290
TOTAL	698	803	689	820	737	680	762	761	721	739
ENGINEERING*										
MEN	831	931	874	845	884	844	876	1027	1020	942
WOMEN	168	172	159	181	152	149	177	146	144	154
TOTAL	999	1103	1033	1026	1036	993	1053	1173	1164	1096
INTERDISCIPLINARY										
MEN	215	220	212	217	277	286	329	336	354	375
WOMEN	142	169	121	154	180	170	153	153	214	202
TOTAL	357	389	333	371	457	456	482	489	568	577
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	279	347	336
WOMEN	0	0	0	0	0	0	0	503	516	490
TOTAL	0	0	0	0	0	0	0	782	863	826
NATURAL RESOURCES*										
MEN	102	85	86	71	64	61	69	73	60	76
WOMEN	49	63	36	46	27	46	25	30	29	29
TOTAL	151	148	122	117	91	107	94	103	89	105
SCIENCE**										
MEN	0	0	0	0	0	0	0	275	299	293
WOMEN	0	0	0	0	0	0	0	418	418	387
TOTAL	0	0	0	0	0	0	0	693	717	680
UNIVERSITY TOTALS										
MEN	2603	2880	2610	2674	2741	2599	2815	2667	2766	2763
WOMEN	1968	2084	1797	1960	1892	1997	1981	1908	1980	1979
TOTAL	4571	4964	4407	4634	4633	4596	4796	4575	4746	4742

* Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
JUNIORS

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AGRICULTURE AND LIFE SCIENCES*										
MEN	145	144	139	124	91	99	94	138	143	145
WOMEN	176	164	182	169	138	134	126	269	215	276
TOTAL	321	308	321	293	229	233	220	407	358	421
ARCHITECTURE AND URBAN STUDIES*										
MEN	120	151	144	133	149	171	195	189	150	177
WOMEN	51	60	74	70	65	72	144	151	132	135
TOTAL	171	211	218	203	214	243	339	340	282	312
BUSINESS*										
MEN	395	445	595	533	591	617	554	574	503	525
WOMEN	271	305	322	304	342	346	346	309	350	322
TOTAL	666	750	917	837	933	963	900	883	853	847
ENGINEERING*										
MEN	756	770	900	789	781	828	798	1035	966	1043
WOMEN	159	158	150	159	157	159	135	181	148	161
TOTAL	915	928	1050	948	938	987	933	1216	1114	1204
INTERDISCIPLINARY										
MEN	23	14	25	17	24	13	18	24	23	26
WOMEN	6	11	5	10	13	6	3	10	4	10
TOTAL	29	25	30	27	37	19	21	34	27	36
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	421	431	459
WOMEN	0	0	0	0	0	0	0	555	578	579
TOTAL	0	0	0	0	0	0	0	976	1009	1038
NATURAL RESOURCES*										
MEN	94	102	100	100	85	69	69	88	83	92
WOMEN	54	46	65	29	50	30	47	30	29	30
TOTAL	148	148	165	129	135	99	116	118	112	122
SCIENCE**										
MEN	0	0	0	0	0	0	0	314	309	310
WOMEN	0	0	0	0	0	0	0	380	390	439
TOTAL	0	0	0	0	0	0	0	694	699	749
UNIVERSITY TOTALS										
MEN	2341	2577	2921	2621	2653	2820	2629	2783	2608	2777
WOMEN	1798	1903	2010	1865	1876	1904	1947	1885	1846	1952
TOTAL	4139	4480	4931	4486	4529	4724	4576	4668	4454	4729

* Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

**VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
SENIORS**

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AGRICULTURE AND LIFE SCIENCES*										
MEN	178	216	192	183	171	133	128	164	183	180
WOMEN	184	201	210	251	227	197	191	323	373	334
TOTAL	362	417	402	434	398	330	319	487	556	514
ARCHITECTURE AND URBAN STUDIES*										
MEN	246	269	290	325	300	295	387	382	375	323
WOMEN	97	115	129	162	143	132	235	267	269	253
TOTAL	343	384	419	487	443	427	622	649	644	576
BUSINESS*										
MEN	468	520	583	785	795	814	887	827	792	739
WOMEN	262	341	399	422	422	486	547	520	452	488
TOTAL	730	861	982	1207	1217	1300	1434	1347	1244	1227
ENGINEERING*										
MEN	1165	1188	1232	1399	1299	1299	1302	1637	1719	1682
WOMEN	218	235	267	269	266	291	272	312	337	333
TOTAL	1383	1423	1499	1668	1565	1590	1574	1949	2056	2015
INTERDISCIPLINARY										
MEN	1	1	0	0	3	1	0	0	0	1
WOMEN	0	0	0	0	2	0	0	0	0	1
TOTAL	1	1	0	0	5	1	0	0	0	2
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	266	540	555
WOMEN	0	0	0	0	0	0	0	540	662	706
TOTAL	0	0	0	0	0	0	0	806	1202	1261
NATURAL RESOURCES*										
MEN	159	137	136	129	123	118	98	108	112	116
WOMEN	53	71	62	77	54	61	46	73	50	42
TOTAL	212	208	198	206	177	179	144	181	162	158
SCIENCE**										
MEN	0	0	0	0	0	0	0	369	401	425
WOMEN	0	0	0	0	0	0	0	484	520	522
TOTAL	0	0	0	0	0	0	0	853	921	947
UNIVERSITY TOTALS										
MEN	3211	3332	3587	4077	3868	3850	4035	3753	4122	4021
WOMEN	2067	2232	2402	2600	2444	2588	2603	2519	2663	2679
TOTAL	5278	5564	5989	6677	6312	6438	6638	6272	6785	6700

* Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNDERGRADUATES ***

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AGRICULTURE AND LIFE SCIENCES*										
MEN	568	576	519	463	404	358	345	473	500	554
WOMEN	724	714	689	699	612	591	570	969	999	1105
TOTAL	1292	1290	1208	1162	1016	949	915	1442	1499	1659
ARCHITECTURE AND URBAN STUDIES*										
MEN	614	667	676	721	694	696	848	791	773	750
WOMEN	267	282	314	367	343	331	607	630	624	615
TOTAL	881	949	990	1088	1037	1027	1455	1421	1397	1365
BUSINESS*										
MEN	1684	1852	2014	2148	2147	2181	2241	2177	2083	2075
WOMEN	1112	1171	1271	1288	1292	1352	1455	1386	1320	1385
TOTAL	2796	3023	3285	3436	3439	3533	3696	3563	3403	3460
ENGINEERING*										
MEN	3792	3861	3951	3950	3713	3718	3653	4581	4494	4392
WOMEN	750	740	750	769	729	765	712	776	754	762
TOTAL	4542	4601	4701	4719	4442	4483	4365	5357	5248	5154
INTERDISCIPLINARY										
MEN	756	666	654	719	788	967	939	1001	1069	1148
WOMEN	601	530	494	565	600	604	546	580	656	682
TOTAL	1357	1196	1148	1284	1388	1571	1485	1581	1725	1830
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	1388	1476	1492
WOMEN	0	0	0	0	0	0	0	2129	2077	2079
TOTAL	0	0	0	0	0	0	0	3517	3553	3571
NATURAL RESOURCES*										
MEN	433	393	377	346	319	295	284	309	300	329
WOMEN	211	213	203	174	169	157	141	159	122	126
TOTAL	644	606	580	520	488	452	425	468	422	455
SCIENCE**										
MEN	0	0	0	0	0	0	0	1163	1202	1209
WOMEN	0	0	0	0	0	0	0	1641	1619	1660
TOTAL	0	0	0	0	0	0	0	2804	2821	2869
UNIVERSITY TOTALS										
MEN	11149	11454	11808	11979	11642	11859	11799	11883	11897	11949
WOMEN	7983	8021	8173	8311	8144	8309	8229	8270	8171	8414
TOTAL	19132	19475	19981	20290	19786	20168	20028	20153	20068	20363

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**Effective Fall 2003, University restructuring results in creation of Liberal Arts and Human Sciences [formerly known as Human Sciences and Education] and College of Science [formerly known as Arts and Sciences].

***Includes Special Student Undergraduate Enrollment

**VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
ALL CLASSES AND TOTALS-AGRICULTURE TECHNOLOGY**

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
FIRST YEAR										
MEN	70	49	57	39	57	55	46	54	43	36
WOMEN	5	8	6	3	4	8	9	11	7	9
TOTAL	75	57	63	42	61	63	55	65	50	45
SECOND YEAR										
MEN	40	66	51	52	37	53	48	48	53	41
WOMEN	4	4	4	6	3	6	11	8	9	9
TOTAL	44	70	55	58	40	59	59	56	62	50
UNIVERSITY TOTALS										
MEN	110	115	108	91	94	108	94	102	96	77
WOMEN	9	12	10	9	7	14	20	19	16	18
TOTAL	119	127	118	100	101	122	114	121	112	95

**VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL GRADUATES**

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AGRICULTURE AND LIFE SCIENCES*										
MEN	144	131	125	113	120	122	111	120	116	131
WOMEN	97	93	96	97	113	122	117	146	151	155
TOTAL	241	224	221	210	233	244	228	266	267	286
ARCHITECTURE AND URBAN STUDIES*										
MEN	168	173	172	155	173	168	162	183	194	192
WOMEN	105	107	104	103	130	143	141	138	143	118
TOTAL	273	280	276	258	303	311	303	321	337	310
BUSINESS*										
MEN	231	206	183	172	147	131	163	173	146	142
WOMEN	112	105	111	127	120	99	121	108	102	103
TOTAL	343	311	294	299	267	230	284	281	248	245
ENGINEERING*										
MEN	922	874	846	868	972	1022	1063	1183	1148	1053
WOMEN	188	167	168	173	197	218	240	264	273	234
TOTAL	1110	1041	1014	1041	1169	1240	1303	1447	1421	1287
INTERDISCIPLINARY										
MEN	0	0	0	0	75	6	16	38	83	111
WOMEN	0	0	0	0	44	3	11	15	34	67
TOTAL	0	0	0	0	119	9	27	53	117	178
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	266	278	280
WOMEN	0	0	0	0	0	0	0	540	520	530
TOTAL	0	0	0	0	0	0	0	806	798	810
NATURAL RESOURCES*										
MEN	84	98	93	87	87	82	69	74	84	88
WOMEN	35	43	37	33	39	39	36	35	37	37
TOTAL	119	141	130	120	126	121	105	109	121	125
SCIENCE**										
MEN	0	0	0	0	0	0	0	304	313	304
WOMEN	0	0	0	0	0	0	0	196	190	190
TOTAL	0	0	0	0	0	0	0	500	503	494
VETERINARY MEDICINE GRAD. & PH.D.										
MEN	30	32	35	30	36	28	30	29	35	42
WOMEN	19	28	37	46	48	45	48	42	36	35
TOTAL	49	60	72	76	84	73	78	71	71	77
UNIVERSITY TOTALS										
MEN	2323	2285	2181	2114	2391	2361	2358	2370	2396	2343
WOMEN	1367	1327	1307	1289	1503	1557	1563	1484	1487	1469
TOTAL	3690	3612	3488	3403	3894	3918	3921	3854	3883	3812

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**VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
ALL CLASSES AND TOTALS - VETERINARY MEDICINE**

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
VETERINARY MEDICINE - FIRST YEAR										
MEN	27	22	20	21	22	12	28	17	15	14
WOMEN	61	68	67	69	70	77	62	73	74	77
TOTAL	88	90	87	90	92	89	90	90	89	91
VETERINARY MEDICINE - SECOND YEAR										
MEN	24	28	22	20	19	20	12	26	17	15
WOMEN	55	60	68	65	69	71	76	63	73	72
TOTAL	79	88	90	85	88	91	88	89	90	87
VETERINARY MEDICINE - THIRD YEAR										
MEN	19	24	28	21	20	21	20	12	24	16
WOMEN	62	57	59	67	65	68	71	75	64	73
TOTAL	81	81	87	88	85	89	91	87	88	89
VETERINARY MEDICINE - FOURTH YEAR										
MEN	25	19	24	28	22	21	19	20	12	24
WOMEN	54	62	56	60	65	64	68	72	76	61
TOTAL	79	81	80	88	87	85	87	92	88	85
UNIVERSITY TOTALS										
MEN	95	93	94	90	83	74	79	75	68	69
WOMEN	232	247	250	261	269	280	277	283	287	283
TOTAL	327	340	344	351	352	354	356	358	355	352

VIRGINIA TECH SPRING SEMESTER ON-CAMPUS HEADCOUNT BY YEAR
TOTAL UNIVERSITY STUDENTS ***

COLLEGE	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
AGRICULTURE AND LIFE SCIENCES*										
MEN	822	822	752	667	618	588	550	695	712	762
WOMEN	830	819	795	805	732	727	707	1134	1166	1278
TOTAL	1652	1641	1547	1472	1350	1315	1257	1829	1878	2040
ARCHITECTURE AND URBAN STUDIES*										
MEN	782	840	848	876	867	864	1010	974	967	942
WOMEN	372	389	418	470	473	474	748	768	767	733
TOTAL	1154	1229	1266	1346	1340	1338	1758	1742	1734	1675
BUSINESS*										
MEN	1915	2058	2197	2320	2294	2312	2404	2350	2229	2217
WOMEN	1224	1276	1382	1415	1412	1451	1576	1494	1422	1488
TOTAL	3139	3334	3579	3735	3706	3763	3980	3844	3651	3705
ENGINEERING*										
MEN	4714	4735	4797	4818	4685	4740	4716	5764	5642	5445
WOMEN	938	907	918	942	926	983	952	1040	1027	996
TOTAL	5652	5642	5715	5760	5611	5723	5668	6804	6669	6441
INTERDISCIPLINARY										
MEN	756	666	654	719	863	973	955	1039	1152	1259
WOMEN	601	530	494	565	644	607	557	595	690	749
TOTAL	1357	1196	1148	1284	1507	1580	1512	1634	1842	2008
LIBERAL ARTS AND HUMAN SCIENCES**										
MEN	0	0	0	0	0	0	0	1654	1754	1772
WOMEN	0	0	0	0	0	0	0	2669	2597	2609
TOTAL	0	0	0	0	0	0	0	4323	4351	4381
NATURAL RESOURCES*										
MEN	517	491	470	433	406	377	353	383	384	417
WOMEN	246	256	240	207	208	196	177	194	159	163
TOTAL	763	747	710	640	614	573	530	577	543	580
SCIENCE**										
MEN	0	0	0	0	0	0	0	1467	1515	1513
WOMEN	0	0	0	0	0	0	0	1837	1809	1850
TOTAL	0	0	0	0	0	0	0	3304	3324	3363
VETERINARY MEDICINE										
MEN	125	125	129	120	119	102	109	104	103	111
WOMEN	251	275	287	307	317	325	325	325	323	318
TOTAL	376	400	416	427	436	427	434	429	426	429
UNIVERSITY TOTALS										
MEN	13677	13947	14191	14274	14210	14402	14330	14430	14457	14438
WOMEN	9591	9607	9740	9870	9923	10160	10089	10056	9961	10184
TOTAL	23268	23554	23931	24144	24133	24562	24419	24486	24418	24622

Effective Fall 2003, includes addition of academic departments as a result of University restructuring.

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***Total Includes Special Student Undergraduate Enrollment

2005 and 2006 Work on Intellectual Property Legislation

2005 General Assembly Session

In January 2005, Senator Wagner introduced SB1053, which provided a number of requirements that would have dramatically reduced the flexibility of the institutions with respect to intellectual property and raised a number of other troublesome issues. A number of meetings were held among representatives from higher education and industry to resolve these issues, but no agreement was reached and the bill was referred to the Joint Commission on Technology and Science to address before the 2006 session.

Summer 2005-Work of the Joint Committee on Science and Technology

The Joint Committee on Science and Technology created the Intellectual Property Advisory Committee which met formally twice prior to the beginning of the 2006 session. A number of informal meetings were held with higher education representatives throughout the summer and early fall, and general agreement was reached that the best solution would be to leave intellectual property matters to the institutions under policies approved by their Boards of Visitors.

2006 General Assembly Session

Senator Wagner (SB 259) and Delegate Cosgrove (HB134) introduced identical bills allowing the institutions to develop their own intellectual property policies, which would be filed with the Joint Commission on Science and Technology. The bills require the institutions to report annually on the transfer of any intellectual property to private interests. The bills also removed the requirement for approval by the Governor for transfers of intellectual property developed wholly or significantly through general funds.

SB 259 passed the Senate 38 to 0 and the House 97 to 1.

HB 134 passed the House 97 to 0 and the Senate 40 to 0.

Governor's Substitute Bill

The Governor handed down a substitute bill for HB134, adding back the requirement for his approval for property developed wholly or predominately through the use of general funds. It requires the Department of Planning and Budget to work cooperatively with the state-supported institutions of higher education and the Joint Commission on Technology and Science to issue guidelines defining (i) the conditions under which projects are to be considered wholly or predominately funded by the general fund and (ii) procedures for an expedited review by the Governor of relevant transfers of intellectual properties, by December 1, 2006.

House concurred with the Governor's recommendations-96 to 0.

Senate concurred with the Governor's recommendations-39 to 0.

It is anticipated that the same substitute will be handed down for Senator Wagner's bill.

HOUSE BILL NO. 134
AMENDMENT IN THE NATURE OF A SUBSTITUTE
(Proposed by the Governor
on March 7, 2006)

(Patron Prior to Substitute--Delegate Cosgrove)

A BILL to amend and reenact §§ 2-2-2233.2, 23-4.3, and 23-4.4 of the Code of Virginia and to repeal § 23-9.10:4 of the Code of Virginia, relating to intellectual property developed at public institutions of higher education.

Be it enacted by the General Assembly of Virginia:

§ 23-4.3. Adoption of patent and copyright policies; employees to be bound by such policies.

A. The boards of visitors of state-supported institutions of higher education and the State Board for Community Colleges shall adopt ~~patent and copyright~~ policies *regarding the ownership, protection, assignment, and use of intellectual property* ~~consistent with the policy guidelines promulgated by the State Council of Higher Education working in cooperation with the state-supported institutions of higher education pursuant to § 23-9.10:4~~. Such policies shall be submitted to the Council.

B. All employees of state-supported institutions of higher education, including the Virginia Community College System, as a condition of employment, shall be bound by the ~~patent and copyright~~ *intellectual property* policies of the institution employing them. ~~Anyone using facilities of a state-supported institution who has not otherwise entered into a written contract with the institution concerning such use shall be subject to the institution's patent and copyright policies where the institution's Board of Visitors, the State Board for Community Colleges or their designees determine that such use constitutes a significant use of the institution's facilities.~~

C. *Upon adoption, the boards of visitors of state-supported institutions of higher education, including the State Board for Community Colleges, shall provide a copy of their intellectual property policies to the Governor and the Joint Commission on Technology and Science.*

D. *For purposes of this section, "intellectual property" means (i) a potentially patentable machine, article of manufacture, composition of matter, process, or improvement in any of those; (ii) an issued patent; (iii) a legal right that inheres in a patent; or (iv) anything that is copyrightable.*

§ 23-4.4. Authorization to transfer interest; Governor's approval required under certain circumstances.

A. ~~The Boards of Visitors~~ *boards of visitors*, the State Board for Community Colleges, or their designees ~~may transfer~~ *are authorized to assign* any interest they possess in ~~patents~~

~~and copyrights~~ *intellectual property* or in materials in which the institution claims an interest, *provided such assignment is in accordance with the terms of the institution's intellectual property policies adopted pursuant to subsection A of § 23-4.3 under its patent or copyright policy.* However, the Governor's prior written approval shall be required for transfers of such property developed wholly or ~~significantly~~ *predominately* through the use of state general funds, *exclusive of capital assets*, and either (i) such property was developed by an employee of the institution acting within the scope of his assigned duties, or (ii) such property is to be transferred to an entity other than the Innovative Technology Authority, an entity whose purpose is to manage intellectual properties on behalf of nonprofit organizations, colleges and universities, or an entity whose purpose is to benefit the respective institutions. The Governor may attach conditions to these transfers as he deems necessary. In the event the Governor does not approve such transfer, the materials shall remain the property of the respective institutions and may be used and developed in any manner permitted by law. ~~The State Council of Higher Education working in cooperation with the state-supported institutions of higher education and in accordance with § 23-9.10:4 shall adopt a uniform statement defining (i) the conditions under which a significant use of general funds occurs and (ii) the circumstances constituting an assigned duty.~~

~~B. Notwithstanding subsection A, the Governor's approval is not required to transfer such property to an entity described in clause (ii) of subsection A if (i) the interest was developed without the use of federal funds, (ii) such entity makes a clear and convincing case to the relevant board that its ownership of the interest is critical to its ability to commercialize that interest, and (iii) the institution receives, at a minimum, compensation equal to the anticipated revenue stream of licensing the interest.~~

The president of each state-supported institution of higher education, including the chancellor of the Virginia Community College System, shall report annually to the Governor and the Joint Commission on Technology and Science regarding the assignment of any intellectual property interests by that institution.

2. That § 23-9.10:4 of the Code of Virginia is repealed.
3. That the Department of Planning and Budget working in cooperation with the state-supported institutions of higher education and the Joint Commission on Technology and Science shall issue by December 1, 2006, guidelines defining (i) the conditions under which projects are to be considered wholly or predominately funded by the general fund and (ii) procedures for an expedited review by the Governor of relevant transfers of intellectual properties.

Integrated Brand Marketing

2005-06

Lawrence G. Hincker
Associate Vice President
University Relations
March 27, 2006

The Marketing Environment for Virginia Tech

- **Shifting public policy for funding**
- **25 year low in spending for per student**
- **Aggressive institutional goals**
- **Major fund raiser on horizon**
- **Virginia BBA not realized**
- **Competitive pressures**

WHAT IS A BRAND?

- **“A brand is how you are really perceived. It’s tied to your reputation so when someone sees or hears your name it evokes an image.”**
 - **VP marketing, Council for Advancement and Support of Education (CASE)**

Marketing Communications Strategy

- Increase awareness and improve positive perception of premier academic quality and exceptional research capacity among high-priority target audiences

The Brand Platform

- **Positioning statement**
- **Brand promise**
- **Brand drivers**
- **Tagline**

Positioning Statement

Who?

Virginia Tech

What?

Is a high-performing research university with a world-view that advances the land-grant values of discovery, learning, and outreach.

For Whom?

We serve and engage the citizens of the Commonwealth of Virginia, the nation, and the world. We attract motivated high-achieving students, staff, faculty who excel in an academically energized, technologically creative, and culturally inclusive learning community

What's Different?

Our bold spirit, climate of innovation and service, open boundaries of study and research, and entrepreneurial approach

So What?

Positively transform lives and communities

Virginia Tech Brand Promise

Virginia Tech =

Quality, Innovation, Results

Virginia Tech Brand Drivers

- **Nationally and internationally recognized faculty experts**
- **Groundbreaking research and eminent scholarship**
- **Challenging academic standards**
- **Technological leadership**
- **Service to community and society**

Strategic Tagline

Invent the Future TM

INNOVATION



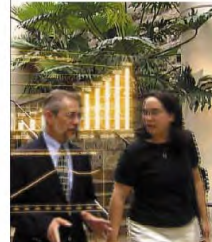
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CHALLENGES MET



2004/2005

**A N N U A L
R E P O R T**



Website Redesign

Virginia Tech VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

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Current Students
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Virginia Tech News Mostly Cloudy 55 °F (13 °C) Monday, Sep 19, 2005

Top Stories	Campus Notices
<ul style="list-style-type: none"> University community continues to assist hurricane victims Virginia Tech Union announces its 2005-06 Lively Arts season Conference to address protecting emergency and disaster first responders Virginia Tech to host conference on academic integrity Oct. 20-22 	<ul style="list-style-type: none"> Input sought for survey of attitudes toward land grant institutions Deferred compensation plan meetings scheduled for employees Forum to discuss family eldercare Transportation Institute open house

Featured Sites

- Sloan Semester Registration
- Hokies United Hurricane Relief
- Parent's Day is Oct. 15

RSS

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Virginia Tech

Outreach/Extension

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Center for Organizational and Technological	Office of Economic Development

Site Navigation
Choose a Section:

Today's Events

Sept 19 [Who's Who Among Students in American Universities & Colleges: Applications Available](#)
319 Squires Student Center

5:30pm [Womanspace Meeting](#)
More Than Coffee, Main Street, Blacksburg

6:00pm [SKYDIVING Information Session](#)
Squires (2nd floor outside of Squires Colonial)

Sept 19 [Hospitality Management Association](#)

7:00pm [SalsaTech Lessons](#)
[check our website]

7:30pm [Fencing Club Beginners' Lessons](#)
Dance Room, War Memorial Hall

8:00pm [General Body Meeting](#)
Squires Room 300

More events at [calendar.vt.edu](#)

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About Virginia Tech

Home > About Virginia Tech

Overview and Facts

At a Glance Overview and fast facts	Honors and Awards Recognizing faculty, staff, students, alumni.
Emergency Contacts Phone numbers	Virginia Tech News News stories and campus notices
Fact Book University facts and figures	Public Services Services for Virginia residents & businesses
History and Traditions Historical facts, timeline, quiz	What Is a Hokie? The answer to Tech's most popular question

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Campus Guide Maps, information, and points of interest	Electronic Postcards Send a VT electronic picture postcard
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Expressing The Brand

New “Department” for the homepage

SPOTLIGHT ON

INNOVATION



Student-designed Solar House shines in decathlon

SPOTLIGHT ON

ACHIEVEMENT



Sensors invented by Tech professor named among most technologically significant new products

SPOTLIGHT ON

SERVICE



Intergenerational program receives national leadership award

Interim Refreshed Homepage



HOKIE SPOTLIGHT ON: ACHIEVEMENT



Honors student named to academic All-USA team

Greg Sagstetter, a junior and University Honors student pursuing dual degrees in philosophy and political science, has been named to *USA Today's* All-USA College Academic Second Team. [Learn more ...](#)

- [A Hokie high: 18,969 students seek a Virginia Tech education](#)
- [Stein to speak at Virginia Bioinformatics Institute's First Annual Research Symposium](#)
- [George Stephanopoulos to give Cutchins Distinguished Lecture](#)
- [Geller to discuss lessons from 35-year career as behavioral scientist Thursday](#)

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Campus Notices

- [Key university leaders to participate in Hokie Respect Forum](#)
- [Phi Beta Kappa chapter seeks nominations for two prizes](#)
- [Solar house to be featured on This Old House Feb. 25](#)

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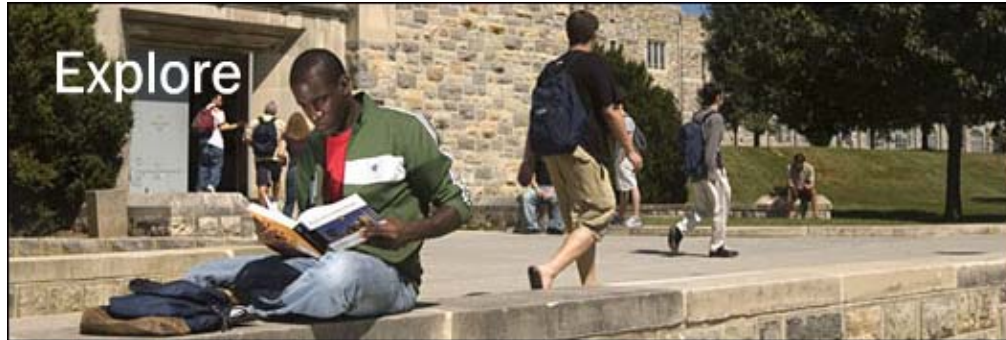
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Branding Update



Branding Update









Visual Standards & Style Guide Updating



VirginiaTech
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Brand Architecture

Advertising



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your
intellect

Surround yourself with ideas,
innovation, and inspiration.

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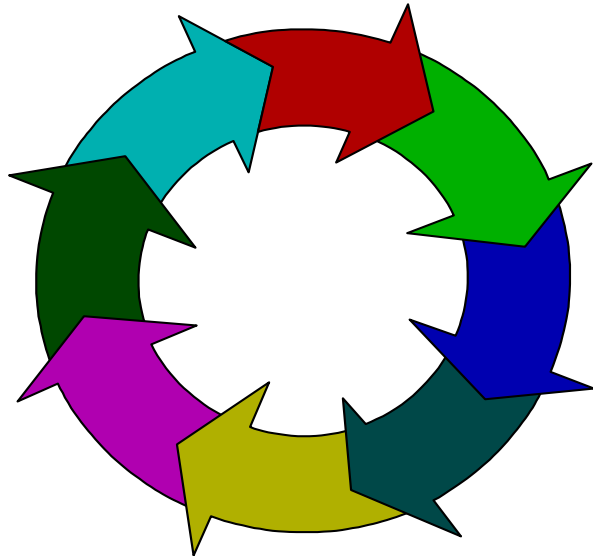
Prospective Virginia Tech students may enter to win one of five **\$1,000 awards** in the *Invent the Future* Essay Scholarship contest. Details at www.vt.edu/future.

Advertising

	
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<p>From eradicating cancer to advancing medical procedures, managing crop and livestock pathogens to eliminating infectious diseases, breaking new ground in human-computer interaction to improving energy efficiency, for more than 100 years Virginia Tech has been committed to advancing knowledge and quality of life.</p>	
	<p>Virginia Tech One of the top research universities in the U.S:</p> <ul style="list-style-type: none"> — Among top 5 in the nation for generating new patents among non-medical universities — Ranked in the top 15 in start up companies formed as a result of university inventions — More than 3,500 active projects funded by nearly 775 sponsors
	
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<p>Teacher</p> 	
	
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Integrated Brand Marketing



The process of creating a unique, compelling institutional identity and communicating that brand through all available media to:

- 1) improve audience *awareness*
- 2) shape audience *attitudes*
- 3) motivate the desired *action*

Integrated Brand Marketing

2005-06

Thank You

Questions?

Lawrence G. Hincker
Associate Vice President
University Relations
February 27, 2006



University Relations

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VIRGINIA TECH

Brand Positioning Platform

Positioning Statement

Virginia Tech is a high-performing research university with a world-view that advances the land-grant values of discovery, learning, and outreach. We serve and engage the citizens of the Commonwealth of Virginia, the nation, and the world. We attract motivated high-achieving students, staff, and faculty who excel in an academically energized, technologically creative, and culturally inclusive learning community. Our bold spirit, climate of innovative and service, open boundaries of study and research, and entrepreneurial approach positively transform lives and communities.

Brand Promise

Quality, Innovation, Results

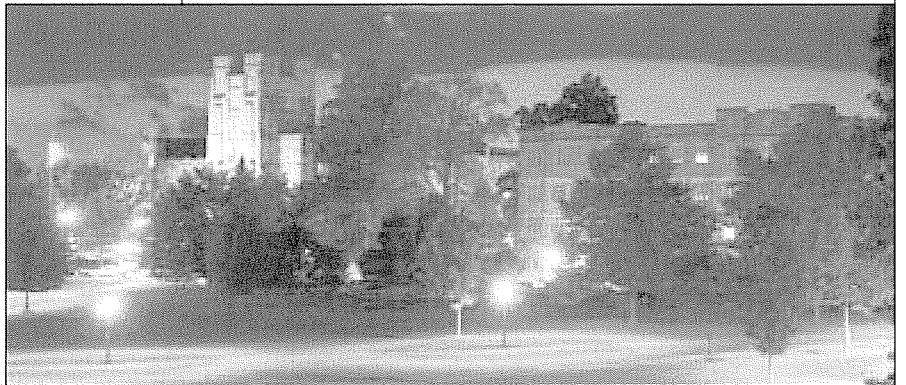
Brand Drivers

1. Nationally and internationally recognized faculty experts
2. Groundbreaking research and eminent scholarship
3. Challenging academic standards
4. Technological leadership
5. Service to community and society

Tagline

Invent the Future

Virginia Tech
Identity Standards



To the university community,

As noted in President Steger's letter of February 2, the university has developed new and compelling ways to tell the Virginia Tech story. Concurrently, we have updated the identity standards, which ensure consistent references in the marketplace. Because we have a long and complicated formal name, we adopted standards in 1990 and have continued to update and modernize them to reflect current needs. Adherence to simple visual and editorial identity standards has enabled us to solidify name recognition, a fundamental element of institutional positioning.

The updated *Identity Standards*, part of policy 12000, is available for review online at www.vt.edu/future. It replaces the printed version last updated in July 1999. It will exist in electronic format only until late summer 2006 because other identity standards are being developed. Printed versions will be distributed to departments at or about the beginning of fall semester 2006 detailing both print and Web guidelines and standards.

The university currently has a Web redesign program underway involving the greater webmaster community, which will incorporate these new identity elements. New designs and templates will be developed and added to the online standards manual and shared with the Web community. Until the more comprehensive design changes are promulgated, webmasters have the choice of switching to the new logotype in websites or continuing to use the current versions.

The new identity materials are available for download from the same site. Offices that use electronically stored files to print letterheads on demand can switch to the new letterhead immediately. These new formats now include the two-color logo in keeping with the availability of color printers. The new stationery designs — letterhead, envelope, and business cards — make a distinction between formats for administrative units and "brand extensions," which are major operational units, such as colleges and university institutes. Brand extensions have the college/organization name embedded in the university logotype. Letterhead and envelope formats are available for download. See the *Identity Standards* manual for further explanation.

Those with preprinted stationery stock, including business cards, can use them until depleted or August 15, 2006. When replacing preprinted stock, use the new design formats (University Printing Services at tyreec@vt.edu or 540/231-6701).

Certain special-use applications for identity material remain, including the Virginia-Maryland Regional College of Veterinary Medicine, University Athletics, and Virginia Cooperative Extension. VCE applications are still being developed.

For the design and editorial community, this manual also contains guidelines for appropriate application of the university logos, signage, printed publications, special products, and editorial style. Logos can be downloaded from www.unirel.vt.edu/logos. Recommendations on how and when to use the tagline, *Invent the Future*, are included in the manual.

Questions about logo usage not found in the manual can be directed to Michele Moldenhauer, graphic design manager and identity coordinator, at molden@vt.edu or 540/231-8639.

Thank you in advance for your cooperation.

Lawrence G. Hincker
Associate Vice President
University Relations

Invent the Future

Identity standards: Contents



4	Using this manual
4	About our name
4	Guidelines for vendors
5	Visual identity and terminology
5	Visual identity elements — primary and secondary logos
6	Official color use
7	University tagline
7	Reproducing the logo — proportions, protected area, size
8	Stationery guidelines/letterhead
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13	Print media examples
14	Web communications
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16	Student use
	Style Guide (www.unirel.vt.edu/style/)

Using this manual

(Updated January 2006)

The Virginia Tech *Identity Standards* manual establishes official policy and standards for the design of Virginia Tech stationery, publications, signage, and other applications, including the Web.

The accompanying *Style Guide* notes specific rules and usages to be followed by authors and editors. Adhering to these standards will help ensure that communications from every college, department, and office speak with a clear and uniform voice that best represents the image and brand of Virginia Tech.

It is important that Virginia Tech project an image of excellence and cohesiveness to all of our many audiences. This manual establishes consistent visual and editorial policies and covers many applications of the visual identity system, which is based on the official Virginia Tech logo (the new horizontal logotype and shield). The logo and official university names have trademark protection, and any use of the logo or official university names other than that prescribed in this manual is prohibited, regardless of funding sources. See the *Editor's Style Guide* at www.unirel.vt.edu/style/ or in the style guide section of this manual for editorial policies.

About our name

Our official name is Virginia Polytechnic Institute and State University, but the full name is cumbersome, and using "Virginia Tech" is preferable in all but formal uses. Virginia Tech is used in news releases, feature articles, and publications and on the Web. When using the full name of the university, never use an ampersand instead of "and." Never use VPI&SU, VPI and SU, VA Tech, or Virginia Tech University. "Tech" is acceptable after a first reference to "Virginia Tech," but it should not be used repeatedly or solely. "VT" is acceptable only in limited, informal situations, such as a news headline where space is tight. Refrain from using "VT" in body copy, in titles of publications, on signs, or in any "formal" publication. [See *Style Guide* and use of VT logo]

Questions concerning publication use of the new logo should be directed to the identity system coordinator in University Relations at molden@vt.edu or 540/231-8639.

Questions concerning printed letterheads, envelopes, and business cards should be directed to University Printing Services at tyreec@vt.edu or 540/231-6701.

Questions concerning signage use should be directed to the Office of the University Architect at laleigh@vt.edu or 540/231-4679.

Guidelines for vendors

Contents of this manual are protected by copyright. All restrictions apply. Design or color alterations to the specifications in this manual are prohibited without the consent of the Office of University Relations. The university reserves the right to reject delivery of materials containing unauthorized or incorrect use of the enclosed guidelines.

Questions concerning the resale and other commercial use of the Virginia Tech shield logo and other university trademarks should be directed to the university licensing and trademark director at lowwhite@vt.edu or 540/231-3748.

Visual identity and terminology

The shield embodies the motto of the university — *Ut Prosim* (That I May Serve) — by incorporating a simplified image of the Pylons, where this motto is etched in stone. The shield's shape is reflective of the collegiate heritage of all universities, and the founding year "1872" reinforces the traditions of more than 134 years of service to the Commonwealth of Virginia.

IDENTITY TERMINOLOGY

Visual identity program

A system of visual communications, graphically coordinated in such a way that the public easily identifies Virginia Tech, its constituent parts, and its activities.

Symbol

A graphic identifier — one which reflects the university's spirit and philosophy — that promotes immediate identification by the public.

Logotype

The university's name, designed in a unique and individual style.

Logo

Sometimes referred to as a "signature," the logo is the official graphic arrangement of the symbol and logotype.

University brand

A consistent, encompassing approach to expressing the university's personality and aspirations.

Compatible typography

Typefaces that complement the logo used for supplementary copy, such as address blocks, signage, publications, and advertising.

Visual identity elements

Shown here are the acceptable elements of the visual identity program. Strict enforcement of guidelines is vital to copyright protection.

Primary logo

The logo consists of two parts: the shield symbol and the logotype in an updated horizontal configuration. The name — "Virginia Tech" — appears in a customized Raleigh typeface. Use only officially prepared logos. No other typefaces or combinations of typefaces are to be used.



Secondary logo

Similar to the logo first introduced in the early 1990s, use of this alternative configuration is strictly limited to formats where a vertical or centered design makes it difficult to use the primary logo.



Note that the shield symbol used in the secondary logo now conforms to the symbol design used in the primary logo.

Existing print media using earlier versions of the logo will be phased out as existing supplies are depleted.

The traditional seal (*not shown*)

The formal seal is reserved for ceremonies, watermarks for official documents, diplomas, and building plaques.

Official university color usage

The official Virginia Tech colors are PMS 208 (Chicago maroon) and PMS 158 (burnt orange). The use of color creates a strong visual impact that reinforces the university brand identity.



Process color build

Substitute the following custom, built tints to approximate the official PMS colors for printing in four-color, process inks:

Maroon:

Cyan = 40%, Magenta = 100%,
Yellow = 50%, Black = 15%

(Pantone Process Color System: 136-2)

Orange:

Magenta = 65%, Yellow = 90%

Four-color process and two-color printing

The preferred version of the university logo includes the maroon shield symbol in PMS 208 or the four-color, process equivalent with the solid black logotype.



Exact color matching

For exact color matches for publications, specialty items, and other applications, use the color swatches that are provided by university publications (philo@vt.edu, 540/231-6867). Note that the Pantone Matching System (PMS) is designed for printing inks. Screen-printing inks and textile, paint, and plastic colors may not accurately match the university logo colors. Obtain color samples for customer approval *prior* to production of items when using these materials.

One-color printing

When two-color or four-color process reproduction is not an option, solid black or solid maroon logos are also acceptable.

Only in one-color printing may the logo appear in other colors. It is recommended, however, that the logo be reversed out in these instances.

To give a two-color effect when printing using black, the shield may print in a 60-percent screen of black while the logotype remains in solid black.



Web color usage

Matching the exact colors of the university's official burnt orange and Chicago maroon in the Web environment is difficult because of variations in platforms and browsers. However, we have established Web color standards as described on page 14 of this manual or by accessing www.vt.edu/logos.

Printing on color backgrounds

When printing the logo on light backgrounds, use the primary logo. When reproducing on a dark background, use a reversed-out, white version of the logo.

Two reversed-out versions of the primary university logo are available for use on dark backgrounds and photos.

Other color usage

The logo can be produced in copper, gold, or silver inks or foils. In special cases, the logotype may be printed in maroon and the shield in copper, embossed foil. The logo may also be blind embossed.



Standard reversed logo
(shown on black background)



Reversed logo with outlined shield
(shown on maroon background)

Official university tagline

Virginia Tech's trademarked tagline, *Invent the Future*, captures the spirit and personality of the university community. For prospective students, current students, parents, faculty, staff, alumni, researchers, business partners, friends, and all who interact within the university, *Invent the Future* speaks to aspirations and promises.

The tagline is graphically interlocked with the official university logo for use in various official media of the university to reinforce the brand and give depth and consistency to messages. It supports the strategic plan of the university, is memorable, and distinguishes Virginia Tech from comparable institutions.

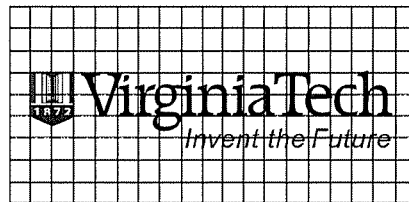
The tagline may also be used independent from the logo in text and visual media. (see pages 12 and 14)

When to use trademark designation
When used in print and broadcast advertising or used for licensed commercial products, "TM" must follow *Invent the Future* to denote its trademarked status.

Official logotype, size, color usage, and spatial relationships apply to this integrated logo and tagline format.



(Arial regular italic)



Reproducing the official logo

Whenever possible, the logo should be reproduced using digital files downloaded from the university's downloadable logo website.

Proportions

Maintain the exact spatial relationship shown here when scaling the logo electronically to maintain these exact proportions.

Protected area

A protected area, equivalent to one-tenth of the width of the logo, surrounds all versions of the logo. However, the logo may overprint or be reversed out of photos as long as the background doesn't render the logo difficult to distinguish or interfere with its detail.



Size recommendations

The logo is intended as a visual identifier, not a title block, and should be scaled as such. In general publication usage, the logo should appear no smaller than 1 1/2 inches, and no larger than 2 1/2 inches.

The preferred size for the logo is 2 inches wide.

These sizes allow for accurate reproduction of the intricate shield symbol detail.

Stationery guidelines

Letterhead: administrative units

University stationery is standard for all offices, departments, units, and university research centers, unless otherwise prescribed in this manual. These designs feature the reconfigured vertical version of the official university logo and are available for download at www.vt.edu/logos.

Desktop printing

Two-color templates provide an attractive alternative to one-color printing when printing letterhead and envelopes on desktop color printers. These templates print equally well in one color. University faculty and staff may download customized letterhead and envelope files at www.vt.edu/logos.

Commercial printing

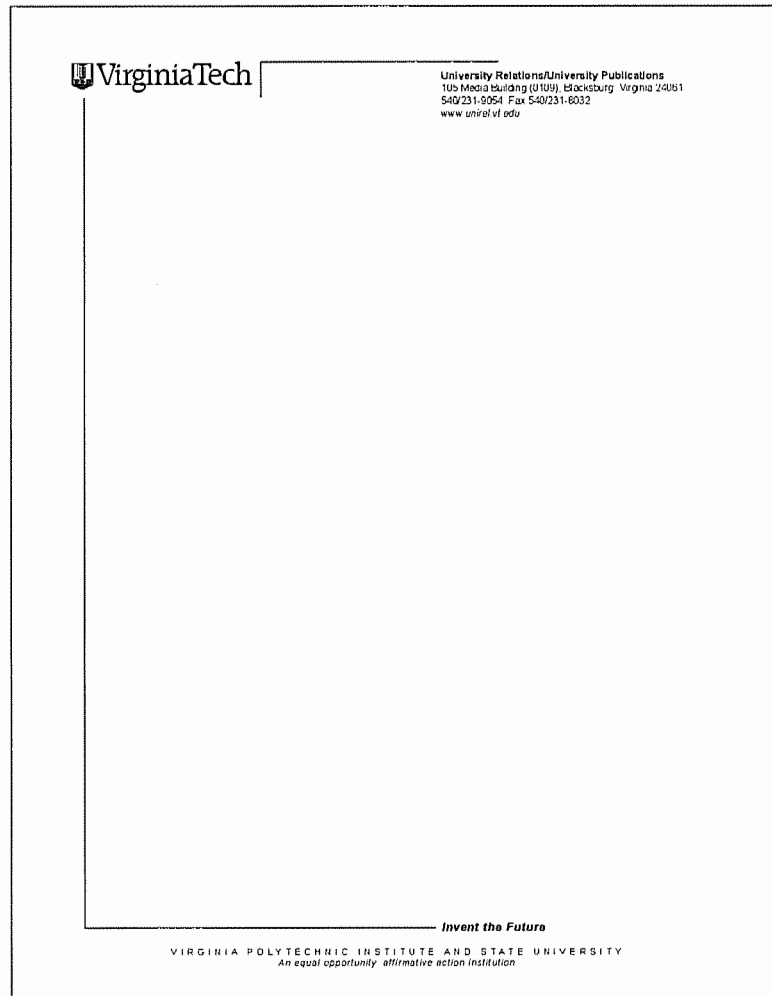
In the case of one-color printing, stationery is to be printed using the 60-percent black shield logo (see page 6) with black ink on 20 lb., 25-percent rag bond, white. The approved maroon, PMS 208, can be substituted for black.

In cases in which private funding is being utilized to produce stationery (letterhead, envelopes, and business cards), the shield may be printed in maroon with all other elements appearing in black as shown.

University Printing Services keeps stationery package formats on file. To order preprinted stationery, please contact University Printing Services at tyreec@vt.edu or 540/231-6701.

Administrative units and research centers

The official university logo appears at the top left of the letterhead as shown. Note that no additional unit logotype is used in conjunction with the university logo in these instances.



Specific areas (i.e., office, center, or department names) should appear in 8.5 pt. Arial bold with 10 pt. leading above the building address and other contact information printed in 8 pt. Arial regular with 10 pt. leading. When space permits, keep the address on one line. Virginia is spelled out. Telephone, fax numbers, e-mail address, and Web URLs follow. The university's general URL — www.vt.edu — or department-specific URLs may be included if desired.

Named professorships can appear in place of the department name. Personalized stationery, however, is not permitted.

The official university positioning statement, *Invent the Future*, always appears in the footer at the bottom of the letterhead, along with the formal name of the university and the equal opportunity statement. No alterations or additions to this information are permitted unless specifically prescribed elsewhere in this manual.

Letterhead: colleges and university-level research centers



Letterheads for colleges, the Graduate School, and university institutes combine official college or institute logotype with the university's logo. Alterations or substitutions are not permitted. College- and institute-specific formats are available for download at www.vt.edu/logos/.



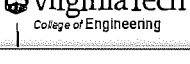


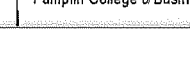
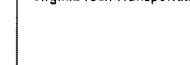
Specifications for the address block and formatting at the bottom of the letterhead are consistent with the administrative format guidelines.

University-level research centers The university-level research center is a unique organizational research entity. These institutes are not university research centers or college centers; nor are they state agencies or colleges. They have their own unique organizational structure and have been designed so that they do not report to any college. For that reason, these institutes have their own special identity within the university.

Several university-level institutes have been created, among them the Institute for Critical Technologies and Applied Science, the Institute for Biomedical and Public Health Sciences, and the Virginia Tech Transportation Institute.

Because they have a unique, university-wide role in helping Tech achieve its research initiatives, institute-specific logotype has been developed to use on traditional visual identity vehicles, such as letterheads, business cards, websites, and publications.

Adherence to other visual standards will apply, and institute identities must be subordinate to the university identity. The university brand identity will remain the primary identity for each institute.

 <p>College of Agriculture and Life Sciences</p>	<p>Agricultural and Applied Economics 208 Hitchens Hall (0401) Blacksburg, Virginia 24061 540/231-6331 Fax: 540/231-7417</p>
 <p>College of Architecture and Urban Studies</p>	<p>School of Architecture + Design Interior Design Program 201 Cowgill Hall (0205), Blacksburg, Virginia 24061 540/231-5263 Fax: 540/231-9236</p>
 <p>College of Engineering</p>	<p>Computer Science 608 McByden Hall (0106) Blacksburg, Virginia 24061 540/231-6324 Fax: 540/231-9275</p>
 <p>College of Liberal Arts and Human Sciences</p>	<p>Department of Human Development 366 Wallace Hall (0416) Blacksburg, Virginia 24061 540/231-4794 Fax: 540/231-7012</p>
 <p>College of Natural Resources</p>	<p>Department of Fisheries and Wildlife Sciences 100 Cheatham Hall (0308), Blacksburg, Virginia 24061 540/231-5573 Fax: 540/231-7580 www.fish.wvu.edu</p>
 <p>Pamplin College of Business</p>	<p>Department of Hospitality and Tourism Management 362 Wallace Hall (0409) Blacksburg, Virginia 24061 540/231-5515 Fax: 540/231-9213</p>
 <p>Virginia Tech Transportation Institute</p>	<p>Office of the Director 3500 Transportation Research Plaza (0536) Blacksburg, Virginia 24061 540/231-1501 Fax: 540/231-1555 www.vti.vt.edu</p>

Stationery guidelines *(cont.)*

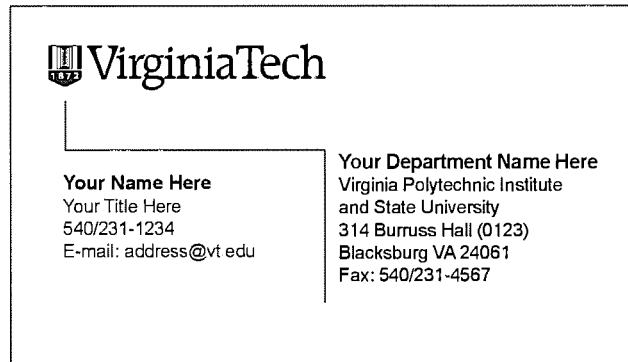
Business cards: administrative units, colleges, and institutes

Administrative units and research centers

The official university logo appears at the top left of the letterhead as shown. Note that no additional unit logotype is used in conjunction with the university logo in these instances.

Specific areas (i.e., office, center, or department names) should appear in 8 pt. Arial bold with 9.6 pt. leading above the building address and other contact information printed in 7.5 pt. Arial regular with 9 pt. leading as shown. When space permits, keep the address on one line. Virginia is spelled out. Telephone, fax numbers, e-mail address, and Web URLs follow. The university's general URL — www.vt.edu — or department-specific URLs may be included if desired. A secondary version is designed to accommodate longer names, multiple phone numbers, or longer e-mail addresses.

Primary business card (two-color)



(actual size)

Secondary business card



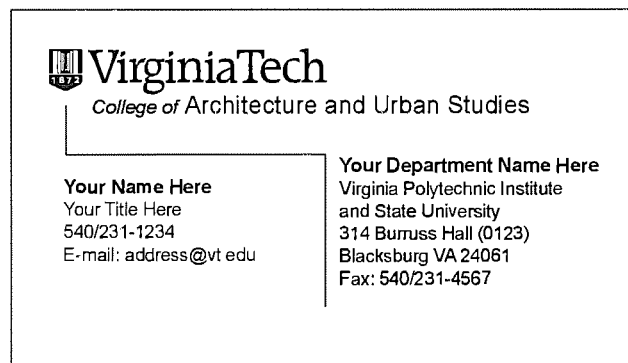
Colleges and university-level research centers

In keeping with the letterhead treatment, business cards for colleges, the Graduate School, and university-level research centers combine official college or institute logotype with the university's logo. College and institute logotype appear on a single line on cards. Alterations or substitutions are not permitted.

Formatting specifications and design options are otherwise consistent with the administrative business cards.

Commercial printing

In the case of one-color printing, business cards are printed in black ink



on 100 lb. cover, Classic Crest, solar white, smooth. The approved maroon, PMS 208, can be substituted for black.

In cases in which private funding is being utilized, the shield may be printed

in maroon with all other elements appearing in black as shown.

To order, please contact University Printing Services at tyreec@vt.edu or 540/231-6701.

Envelopes: administrative units, colleges, and institutes



Administrative units and centers

As shown in the sample, the specific area (i.e., office, center, or department names) is followed by the appropriate mail code in parentheses. Addresses typically include only the city, state, and zip.

A third line may be used only when necessary, but avoid encroaching on the U.S. Postal optical character reader (OCR) area, which measures 2 ³/₄" from the bottom edge of envelopes. Arial regular, 8 pt. with 9.6 pt. leading is standard.

The university tagline, *Invent the Future*, appears in a 20 percent screen of black, 13 pt. Arial bold italic, with very loose kerning as shown.

Colleges and university-level research centers

In addition to the administrative design features, envelopes for colleges, the Graduate School, and university-level research centers combine official college or institute logotype — on one line — with the university's logo. Other alterations are not permitted.

Desktop printing

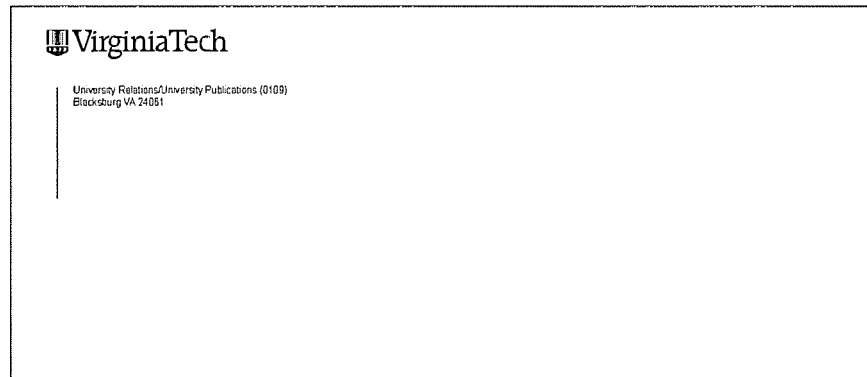
For desktop printing, college- and institute-specific formats are available for download at www.vt.edu/logos by the university community. These two-color formats print equally well on black and white printers.

Commercial printing

Using 24 lb. white, wove bond, envelopes are printed in black ink. The approved maroon, PMS 208, can be substituted for black.

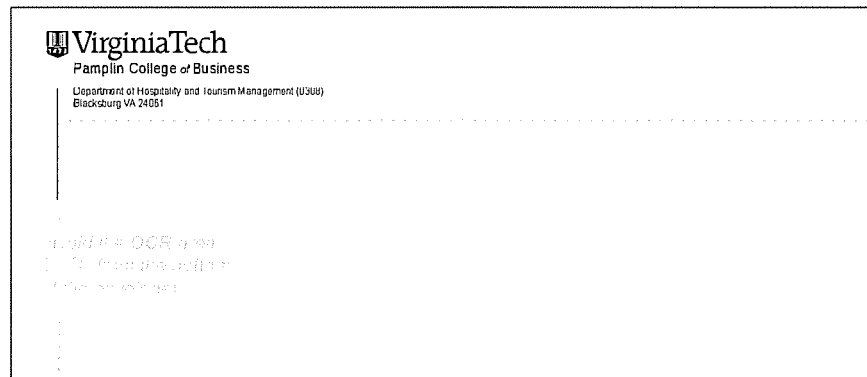
Private funds must be used for two-color printing. To order, contact University Printing Services at tyreec@vt.edu or 540/231-6701.

Administrative units and centers (two-color)



(50% of actual size)

Colleges and university-level institutes (two-color)



Expressing the brand

The visual standards for publications and other print media ensure that communications from every college, department, and office speak with a clear and uniform voice that best represents the image and brand of Virginia Tech.

The creative approach expresses the university brand through primary brand images and a design approach based on the following characteristics:

- Use of the branded logo and university tagline, *Invent the Future*.
- Bold use of typography as a design element.
- Primary, blended images that focus on the duality of the subject matter — for example, a thought-provoking portrait against a hands-on background image.
- Supporting images that illustrate the breadth of opportunities at the university and the engaging nature of the campus community.
- A contemporary color palette that reflects a forward-looking approach.
- A flexible grid design that organizes information using type treatment and visible grid lines to underscore the dynamic, innovative, results-driven nature of the university.

Branded publications capture the spirit of the university and reflect shared aspirations. High-level, university-wide, and major college publications are particularly well-suited to this creative expression. A consistent approach to both visual and print messages is integral to these branded publications.

Publication use

Use of the university logo, brand, and “*Invent the Future*” tagline

The official university logo must appear on the cover of all print media. Using the logo configuration that integrates the tagline (see page 7) is encouraged, especially on major branded publications. This element should be set apart from other graphic elements by placing it within a segmented grid block (see *print examples*, page 13).

Colleges and university-level research centers

Based on the brand architecture (see page 15), brand extensions may opt to use the university’s logo combined with official college or institute logotype in the configurations used on the university’s letterhead (see page 9). In these instances, the tagline may be used as a separate element.

With the introduction of this broad-based visual identity program, all previous logos are obsolete and should be replaced as print media is updated.

The full name of the university Virginia Polytechnic Institute and State University on either the front or back cover of every publication.

Branded publications assistance
For assistance with and development of branded publications, presentations, displays, or advertising, please contact University Publications at csquare@vt.edu or 540/231-6867.

As part of the implementation process currently underway, more specific publication guidelines are being developed, including numerous design templates that will be available for the university design community by the beginning of the 2006-07 academic year.

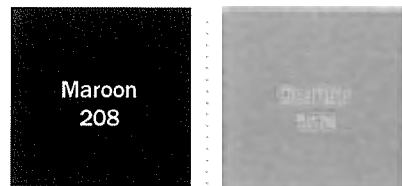
Color palette

Color palette

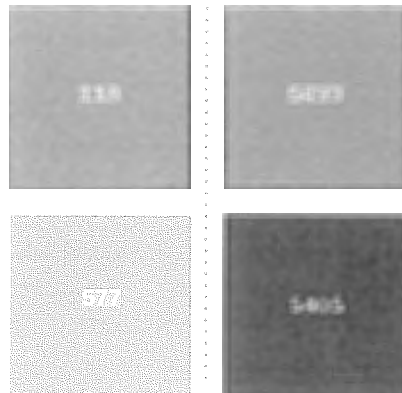
The traditional university maroon and orange will remain a dominant design element enhanced by a fresh palette of complementary and accent colors.

This expanded color palette may be used to define a hierarchy of information or may be screened back and used for major headlines and background color blocks.

Official university colors (PMS)



Complementary/secondary colors



Print media examples



Advertising media

Bold Spirit

From equating cancer to advancing medical procedures, managing crop and livestock pathogens to eliminating infectious diseases, breaking new ground in human-computer interaction to improving energy efficiency, for more than 100 years Virginia Tech has been committed to advancing knowledge and quality of life.

Virginia Tech
One of the top research universities in the US. Among top 5 in the nation for generating new patents among non-medical universities.
Ranked 15 in start-up companies formed as a result of university inventions.
Nearly 775 sponsors fund more than 3,500 active projects.

www.vt.edu/future

Energize your intellect

Surround yourself with ideas, innovation, and inspiration.

Virginia Tech
Invent the Future™

www.vt.edu/future

Prospective Virginia Tech students may enter to win one of four \$1000 awards in the *Invent the Future* 100th Scholarship contest. Details at www.vt.edu/future

Learn Explore Innovate

Study with scholars at the top of their fields

Our professors not only know the material they wrote the material

- Like Professor Itskki Giovanni
- 2004 Grammy Nominee
- One of Oprah's '15 Living Legends'
- First panel on the Los Angeles Times Best Doctor List

Teacher

Virginia Tech
Invent the Future™

www.vt.edu/future

Brochures

Energize

YOUR INTELLECT

VIEWBOOK

15-percent tint of secondary color. 5493

Logo with tagline set off from other elements in ruled or colored block

Blended imagery, photos often asymmetrical, grouped to create a dominant visual element

Bold headline in Tanek font, 75 percent weight, optional embossed

ANNUAL REPORT

2004/2005

Headline 15-percent opacity, secondary color, 577

Contemporary, uncluttered design with liberal use of white space

Use of visible grid lines (0.3 point)

Predominance of sans serif fonts — both for headlines and body text. Franklin Gothic ITC font family

Web communications

As a major portal to information about the university, it is essential that university sites project a consistent image of Virginia Tech. Thus, University Relations has developed several versions of the logo for various uses on the Web.

Web logos

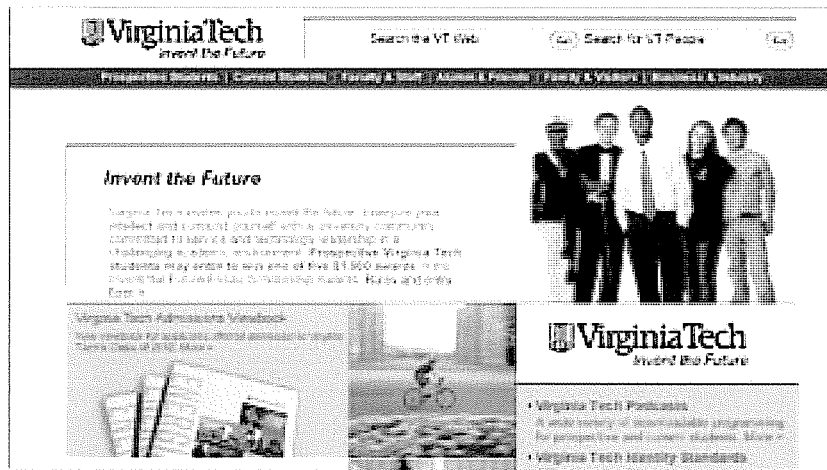
You can view and copy Web logos from the “Logos and Color Standards for the Web” page (www.unirel.vt.edu/style/webusage.html). Otherwise, all restrictions outlined in the *Identity Standards* manual apply to the standard logos, with the exception of size usage.

High-level pages within sites for colleges, departments, administrative offices, research centers, and outreach/Extension offices should include an approved version of the university logo in the header of the page. (This does not apply to personal faculty or student pages.) Footers on all Web pages should include a logo or, at the least, the name of the university. More specific guidelines will be developed as part of the Web development process currently underway.

With the introduction of this broad-based visual identity program, all previous logos are obsolete and should be replaced as Web pages are updated. These include earlier logo versions A, B, C, and D.

Web color use

Matching the exact colors of the university's official burnt orange and Chicago maroon is difficult because of variations in platforms and browsers. However, we have established Web color standards.



University colors on the Web:

Maroon: R=102, G=0, and B=0
hex code=660000

Orange: R=255, G=102, and B=0
hex code=FF6600

The use of orange should be limited.

Complementary neutral color:

Gray: R=153, G=153, B=153
hex code=999999

Scaling of logos

Do not distort (stretch or compress) the height or width dimensions of the logo or any of its elements. In many applications, holding the shift key while scaling maintains the correct aspect ratios.

Background colors

The following background colors are permitted for the reversed out logo:

Black: R=0, G=0, and B=0
hex code=000000

Maroon: R=102, G=0, and B=0
hex code=660000

Gray: R=153, G=153, and B=153
hex code=999999

“Invent the Future” tagline

The tagline “Invent the Future” underscores the attributes that describe the university and reflect the brand.

Inclusion of the tagline is recommended on the headers of major university websites where it may be separated from the Virginia Tech logo. In such instances, the tagline should be a less dominant visual element, appearing smaller and with subtle color treatment. Arial regular italic is the recommended font.

Brand extensions

The university logo is designed to accommodate brand extensions for colleges, the Graduate School, and university-level research centers. It is recommended that these units employ an approved version of the university logo with the appropriate brand extensions typography within the header area of their website homepages.

Refer to the brand architecture on page 15 for a listing of brand extensions.

Virginia Tech brand architecture

Brand Identity

Core Brand
Virginia Tech

Unit Identifier

Administrative Departments

College and Department Research Centers

Brand Extensions

College of Agriculture and Life Sciences

College of Architecture and Urban Studies

College of Engineering

College of Liberal Arts and Human Sciences

College of Natural Resources

Pamplin College of Business

College of Science

Graduate School

University-level Research Centers

Virginia Bioinformatics Institute

Institute for Critical Technologies and Applied Science

Institute for Biomedical and Public Health Sciences

Virginia Tech Transportation Institute

Marion duPont Scott Equine Medical Center

National Capital Region

Sub-Brands

Virginia-Maryland Regional College of Veterinary Medicine

Virginia Tech-Wake Forest School of
Biomedical Engineering

Virginia Tech Athletics

Independent Brands

Hotel Roanoke and Conference Center

The Inn at Virginia Tech and Conference Center

The Virginia Tech Foundation

The Virginia Tech Corporate Research Center

VT KnowledgeWorks

Virginia Tech Services

University Bookstore

Volume Two Bookstore

Pete Dye River Course of Virginia Tech

Virginia Tech Electric Service

WVTF Public Radio

Alumni Association

Virginia Cooperative Extension

Virginia Agricultural Experiment Station

Institute for Advance Learning and Research

Student and student organization use

Individual students

Students are not permitted to use the university's shield logo or other university trademarks, such as the university tagline, VT logo, or the HokieBird.

Exceptions to this policy may be granted in a strictly limited number of special situations. To be considered for such an exception, individuals must contact one of the following:

- Printed materials/Web use — the Office of University Relations, molden@vt.edu or 540/231-8639.
- Specialty items — the Department of Licensing and Trademark Administration, lowwhite@vt.edu or 540/231-3748.

Approval must be received prior to printing, manufacture, or distribution. Any use of logos, seals, names, etc.,

must be in accordance with policies established by the university.

Business cards

Graduate assistants are permitted to use the university's standard business card formats. These cards can be purchased through University Printing Services at tyreec@vt.edu or 540/231-6701. No other student use of the university business card is permitted.

Web usage

University names, the shield logo, and other university trademarks are restricted to official university use only. Personal Web pages are not permitted to display the shield logo or university trademarks. Nor may such pages use the university's name in a manner that would lead the Web reader to perceive that the Web page is an official university page.

Graduate students or groups may

be permitted to use university logo/trademarks in a limited number of special situations. However, use must be approved prior to Web publishing. For approval to use the logo on the Web, contact Web Communications at mdame@vt.edu or 540/231-8508. For approval to use any other university trademark, contact the Department of Licensing and Trademark Administration at lowwhite@vt.edu or 540/231-3748.

Resale and other commercial use of university logos

Student or personal use of university trademarks on T-shirts, baseball hats, bumper stickers, and other specialty items is prohibited without prior approval by the Department of Licensing and Trademark Administration at lowwhite@vt.edu or 540/231-3748. Approval is granted in strictly limited situations.

Student organizations

Use of the university's shield logo and symbols is determined by the student organization's classification and the intended use of these identity vehicles. Organizations are registered by Leadership and Student Organization Programs (LSOP).

Publication, print media, and Web use
Requests to use the university's shield logo in printed media or on a Web page must be reviewed by University Relations at molden.vt.edu or 540/231-8639.

Resale and other commercial use
Student organizations may request to use the university's names, logos,

or symbols on commercial goods and specialty items. Requests must be approved by the Department of Licensing and Trademark Administration at lowwhite@vt.edu or 540/231-3748.

Classification of student organizations
Officially listed organizations are currently classified in the following manner:

University Student Life Program (USLP)
The USLP shall be permitted to represent itself as an agent of the university and use names, logos, and symbols of the university. Any use of logos, seals, names, etc., shall be in accordance with policies established by the university.

University Chartered Student Organization (UCSO)

In limited situations, the UCSO may represent itself as an agent of the university and use names, logos, or symbols of the university with the express written consent of the university. Direct requests to molden@vt.edu or 540/231-8639.

Registered Student Organization (RSO)

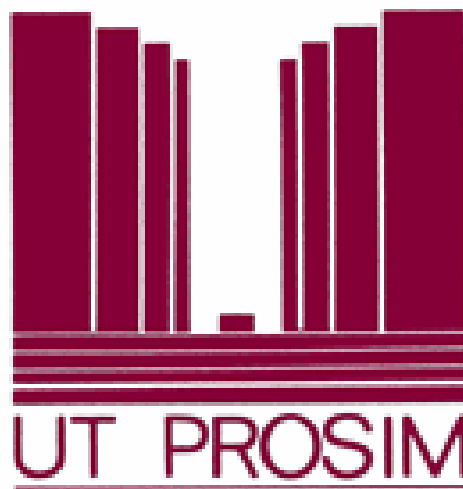
In limited situations, the RSO may represent itself as an agent of the university or use names, logos, or symbols of the university with the express written consent of the university. Direct requests to molden@vt.edu or 540/231-8639.



Invent the Future

Virginia Polytechnic Institute
and State University
University Relations/Publications
105-C Media Building (0109)
Blacksburg VA 24061

Virginia Tech Board of Visitors Campaign Update



Presented by:

Dr. Elizabeth A. Flanagan

Vice President for Development and University Relations

March 27, 2006

Invent the Future

Highlights of Public Phase Campaign Timeline

A. Silent Phase Conclusion (March 2006 through March 2007)

- Recruit unit campaign steering committees for public phase
- Recruit national campaign steering committee chairs for public phase
- Recruit regional campaign chairs for 2007 regional campaigns
- Plan and implement last meeting of silent phase national campaign steering committee and first meeting of public phase campaign steering committees
- Analyze and determine campaign priorities for the university and each unit for public phase
- Analyze and determine campaign goal for the university and each unit for the public phase
- Develop public phase campaign materials and video
- Plan regional campaign format
- Plan campaign kickoff
- Hire assistant campaign director for regional campaigns
- Hire additional new assistant and associate fundraisers as appropriate

B. Public Campaign “Launch” (April 2007 through December 2008)

- Hold gala kick-off event
- Announce final campaign goal
- Conduct regional campaigns in Roanoke, Richmond, NOVA, Tidewater, Bristol in 2007
- Conduct regional campaigns in Dallas, Southern Florida, Research Triangle, NC, Pennsylvania in 2008.
- Intensify advertising and public relations activities in regional campaign markets
- Distribute video and campaign speaking points to Alumni Chapters
- Conduct faculty/staff campaign
- Continue intensive efforts to identify and cultivate top prospects
- Assess campaign progress against goals and adjust plans accordingly
- Continue to develop incentives for staff retention

C. Campaign “Ascent” (January 2009 through December 2009)

- Continue cultivation, solicitation and some identification of prospects.
- Assess campaign progress against goals and adjust plans accordingly
- Conduct regional campaigns in northern and southern California, Atlanta and Houston

- Evaluate and re-solicit previous campaign donors as appropriate
- Evaluate and continue to develop ways to energize staff and volunteers

D. Campaign “Summit” (January 2010 - December 2010)

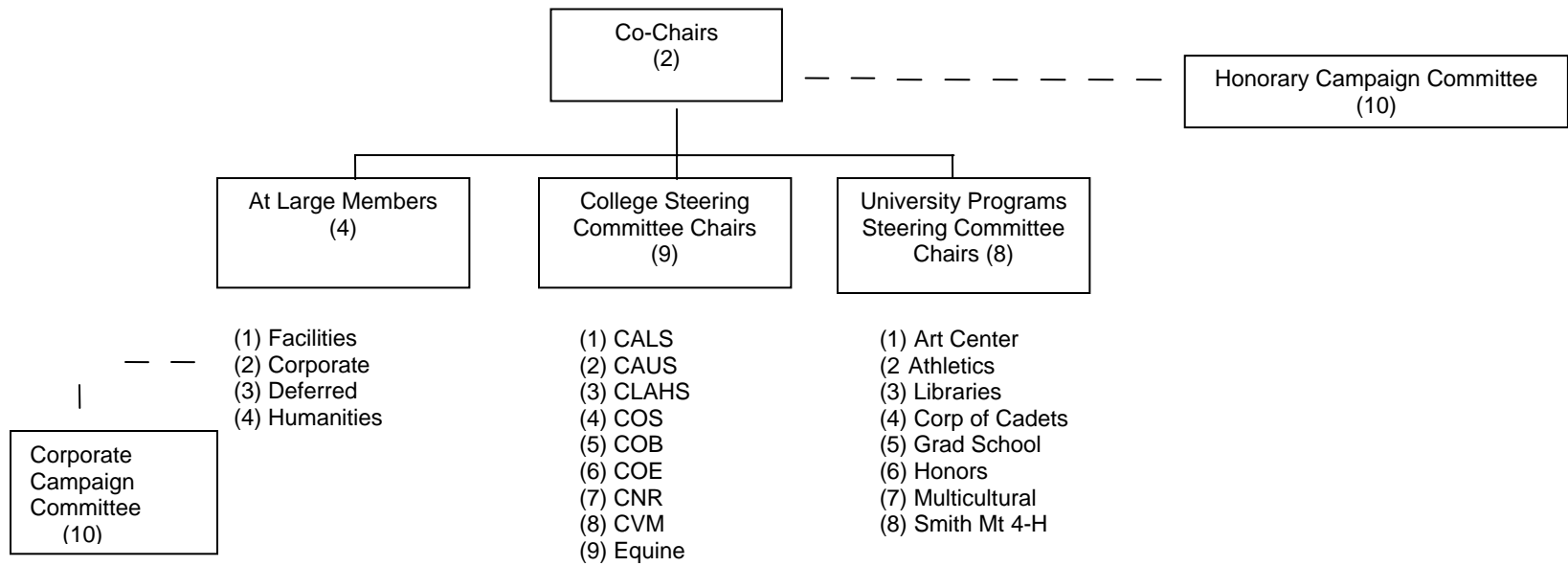
- Conduct regional campaigns in Connecticut and New Jersey
- Evaluate need for additional regional campaigns before year end
- Evaluate and re-solicit previous campaign donors as appropriate
- Plan and implement victory celebration.
- Honor volunteers and donors

E. Campaign Analysis and Final Report (January 2011)

3-17-06 CCT



NATIONAL CAMPAIGN STEERING COMMITTEE PUBLIC PHASE



3-27-06 Report to the VT Board of Visitors
Susanna Rinehart, Faculty Representative to the BOV

Thank you Mr. Rector; and good afternoon, members of Virginia Tech's Board of Visitors, administration, faculty, staff, and students.

This is an enormously busy, and frankly exhausting, time of year at Virginia Tech – for faculty, students, administration and staff. When I hear it referred to as Virginia Tech's unique brand of March Madness, I am tempted to quietly add "... followed by the April Asylum." Certainly, the ongoing process of updating the Strategic Plan, and the demands of the Higher Education Restructuring Act, have added to that intensity.

In carrying out the complex and arduous task of updating the Strategic Plan, our leadership has strived to represent the kind of university-wide, multi-layered, open and thoughtful debate to which we aspire as an institution. Community engagement is by no means easy, but it is critical to the integrity and validity of the process, and I applaud the efforts of all involved. Most recently, Friday's town hall meeting afforded an opportunity for shared input and insight. I know there is a second such gathering planned for April. There is no question that this process – and the implementation that will follow – raises both anxiety and excitement, both worry and a sense of opportunity. We must remember to pay attention to all of it.

I want to mention another extremely positive example of our progress toward becoming a more dynamic and responsive community. The development of the SafeWatch program is a truly excellent example of responsiveness and collaboration among administration, faculty and students, resulting in thoughtful action. Also, the Commission on Faculty Affairs has been working hard to address some of the issues that emerged from our faculty survey and focus groups last spring. So, good things are happening. I want to acknowledge that the work is *hard*. I believe that it is critical to the health and well-being of our institution that we *name that*. This is complex, often frustrating, sometimes overwhelming, important, and ultimately inspiring work. It is work that matters. If we do it well, it will change lives and the quality of our collective future.

Those of us at the BOV Academic Affairs Committee meeting this morning saw impressive evidence of the creativity, innovation and forward-thinking of our faculty members and departments across this university. If we are going to look to our faculty for innovative ideas and initiatives such as these, we must make it very clear that their time and energy will be supported, rewarded and recognized. We must continue to create the conditions which release the creativity and empower the intellect of each faculty member – and, by extension, of every student.

All of us need time and space for thought, study, reflection and development. We need the physical, financial and human resources to carry out our work – in the classroom, the library, and the lab. We do our work in the context of a seemingly endless struggle for resources and support. This has become a defining feature of our shared existence. The impact of that stress is substantial. We talked yesterday about the need for adequate space in which do conduct our work. We have talked for some time now about faculty

compensation. There is considerable concern as to whether moving with all deliberate speed toward the 60th percentile is still a priority.

I am excited about the Center for Undergraduate Education, and the energizing and re-invigoration of our undergraduate program. It is timely, necessary, and very much in line with a national focus on quality undergraduate education. I sense that my excitement is shared by students, faculty and administration. However, I am concerned as to whether adequate funding and support will be available to accompany that vision. I urge the board to ensure that it does.

Virginia Tech is moving forward. I hope that we continue down this path of dynamic, challenging, and open dialogue. I hope we continue to model and promote integrity, respect, awareness and communication. I urge us to be rigorous and vigilant in our self-reflection, and to actively and continually examine our policies, practices and procedures in all arenas to ensure that we are living our core values in all that we do.

Thank you very much.

Staff Senate

Jean Brickey, President
Mail Code (0434)
Blacksburg VA, 24061
(540) 231-9244 E-mail staffsenate@vt.edu
www.staffsenate.vt.edu

Staff Senate Report to Virginia Tech Board of Visitors**March 27, 2006**

- Rector Davenport, Members of the Board of Visitors, and Dr. Steger. It is my honor to present to you a report from Virginia Tech's Staff Senate for 2005-2006.
- I would like to thank you for giving me the chance to speak before you today and bring you news from the more than 4,000 staff at Virginia Tech.
- This has been a busy year for the Virginia Tech Staff Senate.
- In July 2006, a survey was sent to members of the Staff Associations and Staff Senators for distribution to their staff. Of the 47% who responded to the open-ended questions, three major issues were identified
 - Employees were not fully aware of the Staff Senate, its role and its impact.
 - Employees were concerned about the level of their pay and lack of salary increases.
 - Employees wanted to stay informed and involved regarding Higher Education Restructuring
- Based on the outcome of the survey one of the Senate's major goals this year has been publicity about the Staff Senate meetings and initiatives.
 - This has been facilitated by updating the Senate webpage, ensuring that Senators keep their members informed, and reaching out to areas that do not have representation due to reorganization over the last five years.
 - Linda Woodard, Assistant Vice President for Human Resources, provided an orientation about the history and role of the Senate in university governance, and facilitated a discussion of strategies to establish associations for areas currently not represented.
 - The Staff Senate joined with the Vice President for Multicultural Affairs and Human Resources to sponsor the first reception for Multicultural Staff, attended by 75 employees. This was a good opportunity to make staff more aware of the Senate.
 - The Senate sponsored an information booth at the Virginia Tech Benefits Fair.
 - The Senate President and the Assistant Vice President for Human Resources met with several administrators and employees about the formation of new staff associations.
- The Senate provided opportunities to increase the understanding of Virginia Tech's goals, operations, and initiatives.

Invent the Future

- Dr. Brad Fenwick, Vice President for Research, addressed the Staff Senate about the Research Division and how it is changing, and discussed how staff fits into the university's research initiatives.
 - Dr. Mark McNamee discussed the University Strategic Plan in a joint meeting of the Staff Senate and the Commission for Classified Staff Affairs. Staff contributed many ideas to the plan, and will have an opportunity to provide additional feedback in April.
 - Mr. James Hyatt, Executive Vice President and Chief Operating Officer, provided an update on Higher Education Restructuring and discussed the implications for Virginia Tech and its employees.
 - Mr. Kevin McDonald, Director of the Office for Equal Opportunity, spoke about his goals for his office and how staff could assist.
 - Dr. Steger discussed a variety of topics, including Higher Education Restructuring, the branding campaign and new logo, and salary issues especially for the lower salary bands.
 - Dr. Zenobia Hikes, Vice President for Student Affairs, spoke with the group about her program areas. This is the area with the largest number of staff.
- The Senate is very proud to have played an instrumental role in two initiatives of importance to staff.
 - Employee of the Week: In 2005 The Commission on Classified Staff Affairs and the Staff Senate requested the assistance of Human Resources to create the *VT Employee of the Week*. Each week a Classified Staff employee is featured. They have been nominated for the President's Award for Excellence or the Governor's award. The link for the employee of the week is www.hr.vt.edu. Digital Library and Archives has archived all the past winners.
 - Computer Access for all Employees: VT Employee Connect was launched during the summer of 2005, with the assistance of Human Resources, Leadership Development, Information Technology, and numerous administrative and academic offices. To date approximately 200 employees have been trained to retrieve their e-mail, view VT News, learn about VT employment opportunities, and access their leave and pay information on-line. The Staff Senate continues to work expanding this program within the university.
 - Spring 2006 will include Staff Senate Elections and additional updates on topics of interest to staff, including employee benefits and the Campus Master Plan. The annual James D. McComas Leadership Seminar for staff will be held in May. The theme is "The Yellow Brick Road -- Where we are now, Where are we going?" The program will include round-table discussions of the results of the Faculty/Staff Exit Survey and ways that staff can make a difference in the workplace.

**Address by the Graduate Student Representative to the
Virginia Tech Board of Visitors (Navin Manjoran) on March 27th, 2006**

Thank you Mr. Rector, Mr. President, Members of the Board, Ladies and Gentleman.

Introduction

I would like to start by first introducing my successor, Ms. Ennis McGrery. Ennis is a MFA student in Creative Writing. In spite of her active involvement in various organizations including the Creative Writing Committee, she maintains a perfect GPA and is currently an Alfred Knobler fellow. Although she doesn't belong to the College of Engineering, it will be a pleasure for the board to know her. She will do a great job moving forward.

The spring semester has been a busy semester so far for graduate students. As has been in the past, graduate students seem to be having an entertaining semester with research and classes, well spaced with various academic and social activities. Kudos to Dean DePauw and the graduate school, for ensuring that graduate students stay active, enthusiastic and lively!

Activities

The Spring semester started well with a short orientation for incoming graduate students. It was nice to hear from students that they chose our university based on the extensive research programs and research initiatives.

In January, we held another Graduate Student Assembly wine tasting social. As has been in the past, this was a great event attended by more than 300 graduate students. Also in January, we had a Diversity Summit where members of the university got together to discuss topics and issues concerning diversity.

In February, we had the 3rd Annual Advancing Women at Virginia Tech Workshop and the Mid-Atlantic Conference on Scholarship and Diversity. At the conference speakers from the region talked about various aspects of diversity. Also in February, President Steger and Provost McNamee organized a luncheon with graduate students and other administrators. This event has been greatly appreciated by the students and talking to students it seems like ours maybe the only university where students get a chance to directly interface with the President and the Provost. Thank you President Steger and Provost McNamee for hosting these events and we hope you will continue to host these luncheons.

In March, we had the 2nd Annual Graduate Student Assembly Gala that was co-sponsored by the Alumni Association. The event termed by some as the "Grad School Prom" was a formal event held in an exotic setting. It was nice to see graduate students dress formally for a change ☺. This event was the kick-off event for the Graduate School's 2006 Graduate Education Week being held this week. During the week we will celebrate graduate students at Virginia Tech by recognizing their many skills and accomplishments, providing guidance for academic and professional success, and offering festive social events. On Wednesday, the Graduate Student Assembly will host its 22nd Annual Research Symposium and Exposition and will feature a

diverse and impressive display of student research. The week will culminate with an annual favorite, the Big Cook Out, a barbeque for graduate students and their families featuring food, games, and prizes. Graduate students are eagerly looking forward to these events.

Graduate students are also looking forward to hear our board member Mr. George Nolen speak later this afternoon as the Distinguished Wachovia Speaker. The talk titled “One Step Ahead: Business Success in a Global Economy” will be at Torgerson 1100 from 4:30 to 5:30 pm. This event is sponsored by the Pamplin College of Business.

Issues

During the last few months I met several times with President Steger, Dr. McNamee, Dr. Hikes and Dr. DePauw. We discussed a few graduate issues and concerns. I have been in regular contact with the President of the Graduate Student Assembly, Mr. Jamie Kalista, and leaders from the graduate and undergraduate student organizations.

The key issues that graduate students would like to have addressed by this board as I had mentioned in the August and November board meeting are once again (1) Affordable graduate student housing (2) Multi-year funding and (3) Diversity (4) Summer status

As I had mentioned in my November report, I had initiated review committees to investigate the need for each of these concerns among the graduate student community. The reports have been submitted to Dean DePauw for her perusal and further follow-up with other administrators and to initiate appropriate university action. I anticipate the President and other administrators to be both pleased and compelled by the reports. I will also like to thank the students involved with this project (if you all may please stand) for spending a lot of time and energy in preparing these excellent reports. Thank you!

The Affordable Graduate Housing Review Committee was chaired by a Mr. Davis Eichelberger (a PhD student in MSE) and the committee consisted of: Mr. Anand Lakshminath (a PhD student in Biological and Systems Engineering, Ms. Jory Ruscio (a PhD student in Genetics, Bioinformatics and Computational Biology) and Mr. Anurag Mishra (a PhD student in Biological and Systems Engineering). The goal for this committee was to investigate and identify the housing needs of graduate students. However, after talking to few administrators the graduate students will like to suggest that we shouldn't rush into this issue as graduate students do understand that the university has more important priorities with respect to immediate construction goals. It is therefore requested that the details suggested here be used while considering longer term goals of the university. The following are a summary of key points the committee brought forward:

1. Virginia Tech has few housing options available to graduate students. Among our SCHEV peers only the University of Pittsburg has less available housing.
2. The committee believes the limited quantity and lack of options of the University provided affordable graduate housing limits Virginia Tech in attracting the highest quality graduate students. Also, the lack of student family apartments limits Virginia Tech in attracting older students with families. This deficiency, the committee believes is

reflected in the fact that Virginia Tech's graduate population is younger than all its SCHEV peers excepting one.

3. The committee believes the university owned apartments would not only make it easier for prospective graduate and married students to locate affordable housing, but also provide many of the less quantifiable needs like building a stronger graduate community, affordable child-care options etc.

In conclusion, the committee members recommend the university administrators to explore opportunities to initiate building a 'Graduate Village', where graduate students both single and married can live affordably in a quite community setting, and which provides a healthy environment for graduates, professionals and families.

The Multi-year Funding review committee was chaired by Mr. Ben Poquette (a PhD student in Materials Science and Engineering) and the committee consisted of: Ms. Burouj Ajlouni (a PhD student in Biomedical Sciences), Mr. Marc Fisher (a PhD student in Entomology), Ms. Natalia Rivera (a PhD student in Biomedical Engineering) and Mr. Brian Whitaker (a PhD student in Animal and Poultry Sciences). The goal for this committee was to investigate and identify the multi-year funding needs of graduate students. The following are a summary of key points the committee brought forward:

1. Multi-year funding will give the students greater financial stability and will help attract brighter students to Virginia Tech.
2. The current students will no longer need to worry about where their funding is going to come from in the following semester.
3. The students will be relieved of a lot of pressure and will be able to work more efficiently towards their research.
4. Student's will not have to always fear that they might need to quit school if their project doesn't get funded.
5. The committee believes that, this policy if implemented will attract more professional/married people to pursue a graduate education.

In conclusion, the committee members recommend the university administrators to explore opportunities to initiate a "Multi-year Funding" program where graduate students particularly PhD students are guaranteed funding for the duration of their program, as long as they maintain satisfactory academic progress. Graduate students will like to thank the Academic Affairs committee members and President Steger, Provost McNamee and Dean DePauw for initiating work on this project. We hope this issue will be solved ASAP.

The Current Campus Climate on Diversity review committee was chaired by Mr. Thompson Mefford (a PhD student in Macromolecular Science and Engineering) and the committee consisted of: Ms. Sheena Horsford (a PhD student in Psychology), Mr. Thomas Gorman (a PhD student in Fisheries and Wildlife Sciences), Ms. Nicole Sanderlin (a masters student in Public and International Affairs) and Ms. LaChelle Waller (a PhD student in Genetics, Bioinformatics and Computational Biology). The goal for this committee was to investigate the current climate on diversity among the graduate student community. The summary the committee brought forward suggest that we should constantly strive to create a more diverse graduate student body. In conclusion, the committee appreciates the university's actions to promote diversity and recommends university administrators to constantly explore methods to enhance diversity on campus. The students of this committee have prepared a banner with the VT Principles of

community document and have placed it at the Graduate Life Center for students to sign and confirm their commitment to these principles and hence spread the message.

The status of graduate students in summer is also a concern among graduate students. As mentioned in my November report, a committee formed by the Graduate Student Assembly has submitted a report to Dean DePauw for her perusal and to initiate appropriate university action.

Conclusions

The graduate students are looking forward to this board to address their key issues.

As a university we will march towards the top research university status. Graduate students are eager to play their part and we look forward to actively participate in ongoing efforts to improve Virginia Tech.

Finally, on my personal front I am thoroughly learning and enjoying from my Virginia Tech graduate experience and from this experience being a part of this outstanding board.

Thank you for listening. It was my pleasure to be here.

Sincerely,
Navin

Navin Manjooran

Graduate Representative to the Board of Visitors
PhD Candidate, Materials Science and Engineering
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