

Summer-Fall 2002

WATSLine

J. Warren McClure School of Communication Systems Management Alumni Newsletter

Director's Corner

First, let me say how happy I am to be here at Ohio University as a part of the McClure School of



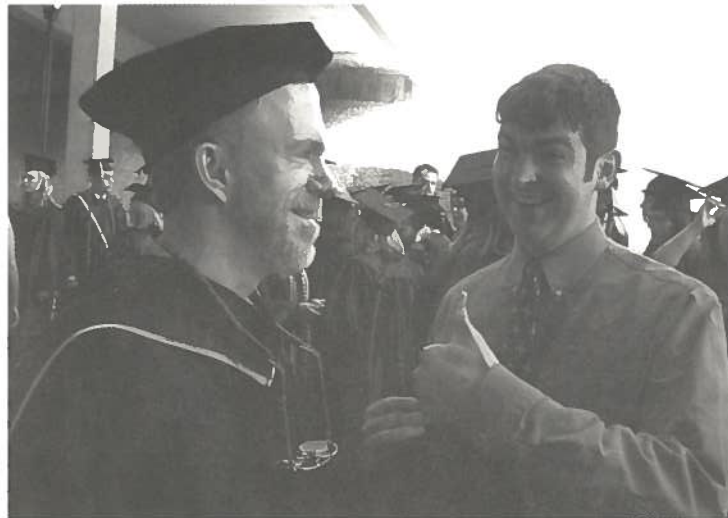
Andrew Snow

Communication Systems Management. Having spent my entire career in voice and data communications, as an engineer, manager, director, vice president, general manager, president, startup entrepreneur, researcher, and teacher, I remain a strong believer in the opportunity our discipline offers. I have also been around long enough to know that economies are cyclic, and that the telecommunications industry is in a definite recession. However, remember when you are in a valley there is really only one way to go – up!

There is other good news -- we remain firmly entrenched in an ongoing information revolution. By comparison, the industrial revolution of the 19th century, with its steam engines, interchangeable parts, and railroads, transformed the world economy in its day. The invention of the steam engine meant that a factory did not have

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Graduation: Remember the excitement?



Associate Professor Trevor Roycroft and new alum Egan Sweeney '02 at graduation.

Scholarship Golf Tournament

Can you swing a golf club? If so, then come to Athens on Friday, September 27, for the first annual McClure School Advisory Board Scholarship Golf Tournament. Board members **Tom Lonsbury** and **Garon Gentzel** came up with the idea as a way of raising funds for scholarships that will benefit CSM students. Support the McClure School and have a good time! For more information or to register, contact Tom at 330/384-2369, Tom.Lonsbury@acs-inc.com or Garon at 216/901-8525, ggentz01@sprintspectrum.com. //



Inaugural
J. Warren McClure
School Advisory Board
Scholarship Golf Tournament

September 27, 2002 - Athens Country Club

New Faculty

The McClure School is fortunate to have two new faculty. **Andrew Snow** joins us from Atlanta, Georgia, where he taught in the Computer Information Systems Department Georgia State University. He earned bachelor and

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New Web Address

Now that you've bookmarked the CSM website, the address has changed to:



www.mcclureschool.info

Forms have been added to the new site, so you can now update your contact information and/or add your name to the Alumni Directory electronically in the Alumni Center. Also in the Alumni Center are instructions on subscribing to the alumni listserve, an easy way to stay connected to your fellow alums.

Future additions include resumes in pdf format of students seeking internships and full-time employment and information on the Master's program in Communication Technology and Policy. //

Outstanding Graduating Senior

Congratulations to **Neil Okonak!** He was selected by a faculty committee as the 2002 Outstanding Graduating Senior. Neil received a certificate and a \$500 check at the Communication Week Awards Banquet. //

Faculty/Staff Activities

Phyllis Bernt gave a paper titled "Why Women Choose Information Technology Careers: Educational, Social, and Familial Influences," at the American Educational Research Association Annual Meeting, in New Orleans April 5, 2002. The

paper, based on the results of a national survey of women working in IT careers, was co-authored with **Sandra Turner** (Educational Studies) and **Norma Pecora** (Telecommunications).

She also gave a paper "Our Daily Trivia: The Knowledge Base of Syndicated Crossword Puzzles" at the Popular Culture Association Conference in Toronto, March 16, 2002, co-authored with **Joseph Bernt** (Journalism).

She gave a presentation titled "Signposts and Roadblocks on the Road to Competition, 2002" at the Practical Skills for the Changing Electric, Natural Gas, and Telecommunications Industries Conference in Albuquerque, May 16, 2002.

Phil Campbell taught a 300-level summer class, Protection of Communication Systems, at the Athens campus which was offered by compressed video at the Lancaster Campus to Athens Campus students. Additional classes may be taught through the Ohio Learning Network pending a successful review of the class.

Professors **John Hoag**, **Hans Kruse**, **Shawn Osterman** (EECS), and **David Koonce** (IMSE) received a grant from the Internet2 Technology and Evaluation Center funded by the Ohio Board of Regents. This grant, which builds upon work by Drs. Kruse and Osterman on satellite internet performances, is supporting work to develop programs and develop a facility for network performance

testing. The project also provides tuition and financial support to graduate students **Yufei Wang** and **Rigoberto Chinchill**, who will earn Master's theses from their work.

You may follow the progress of this research project at: <http://www.csm.ohiou.edu/trafgen>.

Dr. Hoag's COMT325 classes now work with new T1 channel banks and Cisco routers funded by the McClure endowment. Students use lab time to prepare for their CCNA designations.

Hans Kruse and **Dennis Irwin** (Engineering) received a grant from the Air Force Research Lab/IFKO in Rome, NY, for \$24,000.

EECS graduate student **Yanxu "Donald" Liu** is working with Dr. Kruse to install the "ns" simulator in the Applications Lab.

Dr. Kruse traveled to Palo Alto, CA, September 3-5 to attend a workshop on Accelerated Trustworthy Internetworking.

Brian Phillips and **Chris Duffrin** (College of Medicine) co-wrote "Ohio Osteopathic Network of Excellence: Establishing a Statewide Telehealth Consortium," which was published in the *Journal of the American Osteopathic Association*, Vol. 1, 2001.

Andrew Snow co-authored "A Framework for Assessing the Reliability of Software Project Status Reports" with **Mark Keil**, Georgia State University. The article was published in the *Engineering Management Journal*, Vol. 14, June 2002. //



Communication Week 2002



Alumni panel members (from left): Jason Brecht '97, Account Executive for WorldCom; Glenn Ruff '88, Global Telecommunications Manager for McGraw Hill; Leah Beltz '00, Sales Executive for AT&T; Brian Rudy '94, Manager of Advanced Networks for WorldCom; and Ron Minto '98, Applications Consultant for Cisco.



Key note speaker Jerry Moersdorf, founder, Applied Innovation in



Communication Systems Management students at the Honors Banquet, OU Inn.

Communication Week 2002 events began with an alumni panel featuring **Brian Rudy '94**, Manager of Advanced Networks for WorldCom; **Leah Beltz '00**, Sales Executive for AT&T; **Jason C. Brecht '97**, Account Executive for WorldCom; **Glenn Ruff '88**, Global Telecommunications Manager for McGraw Hill; and **Ron Minto '98**, Applications Consultant for Cisco. The panel, popular with current COMT students, shared information and tips about how to establish a successful telecommunications career.

The events continued with presentations from four leaders in the telecommunications industry. **Gerry Moersdorf**, founder of Applied Innovation in Columbus, gave the keynote address about the weird effects of regulation on telecommunications.

David Tucker, Director/General Systems for Cisco Systems, talked about campus convergence of voice and video with data networks. **Bill Allen**, Vice President of Regulatory Affairs for Verizon, talked about the restoration of Verizon's telephone network after the September 11 terrorist attacks. **Michael Thomas**, Director IT Security for Progressive Insurance, talked about securing technology in networks and biometrics.

Communication Week events concluded with an awards banquet at the Ohio University Inn that honored scholarship winners, students who had internships the previous summer, and students with a gpa of 3.3 or above. The school's outstanding graduating senior, **Neil Okonak**, was announced by incoming director **Andrew P. Snow**.

Moves, Adds, and Changes

Keith Cambridge '01, network administrator for FirstEnergy, entered the Master's degree program in Information Systems at Robert Morris College in Pittsburgh. **Rick Steele '99** is a Product Engineer with WorldCom.

Victor Paini '96, Sr Manager, International Strategic Planning with Applied Innovation Inc., has been traveling to Europe in a business development/sales role. Things are going well, and the Edge products have been successful so far. **Leah Beltz '00** is a Sales Executive for AT&T.

Patrick Sullivan '01 started at Progressive on the client server side of networking. He hopes to integrate with the telecom side in the future. **Kevin Feder '94** is a Sales Engineer with Focal Communications. **Jennifer Rigney (Wuslich) '98** and **Matt Rigney '98** are both working for WorldCom, Jennifer as a Business Analyst, and Matt as a Technical Consultant.

Christine Brown '98 is starting a new job with the federal government in September.

Brad Rhodes '00 was recently promoted to Western US Field Sales Engineer with RSL COM and moved from Pittsburgh to Los Angeles. He loves the weather and working from home. **Rebecca Scilingo (Roebuck) '94** was promoted to Director of New Products, Digital Television at Comcast. She will continue to be responsible for managing the deployment of new digital television products within Comcast's existing infrastructure, including the rollout of VOD service.

Joshua Gilliland '97 is an Engineer for ICG Communications.

Venessa Rahe (Vaughn) '94 likes working as a Technician Specialist at WorldCom.

Scott Greer '01 is a Telecommunication Operations Specialist with Progressive Insurance. **Josh Hale '01**, Project Manager with SBC-Ameritech, was promoted in January. He moved to Columbus, where he is buying his first house and considering starting an MBA program. He is currently training a Boston Terrier as a show dog.

Dave Redman '98 is a Global Implementation Consultant with WorldCom.

Joel Eidelberg '86, Sr. Carrier Sales Executive with Broadwing Communications, has held various positions with multiple telecom carriers since graduation. He married in 1998 and has a wonderful 2-year old daughter with another child expected this summer. He reports that it's been hectic at work, but believes that Broadwing will be one of the survivors after all of the dust settles. He hopes all is well with his old friends in COMT and wants to hear from them.

Michael Farley '97 is a Senior Consultant with Cap Gemini Ernst & Young. **Brett Emerson '93**, Director of Communications Engineering with Progressive AE, has been married for 3 year and has 2 children. He is now a BICSI certified RCDD/LAN specialist and Novell CNE. **Evan Ishida '01** completed his MBA at Ohio University this year.

Travis Kahrig '99 has been with Wells Fargo in Des Moines, IA, for three years. Work is going well—he is busy with a big network conversion project.

Jason Brecht '97 moved to Cincinnati to start a position with

WorldCom as an Account Executive 1. He is a proud new father. **Mark Roesse '91** is a Government Account Manager with WorldCom. **Cody Lewis '93**, married with one child, is expecting a baby this summer. He works at Benton-Franklin Health Distract as a Network Administrator/MIS Manager.

Wayne Cobb '01 is in his second year at the University of Pittsburgh in the Graduate School of Public and International Development working on a Master's in International Development. He was selected as a Coro Fellow in Public Affairs, serving as a consultant to worthwhile organizations in the Pittsburgh area.

Paul Hudec '99 is working as an Online Banking Systems Analyst with National City Corporation. He says that things have been going very well for him since he graduated, but he misses being in Athens. **Jonathan Petz '94**, VP of Business Development at Scimus Information Systems, had a baby July 3, 2001, named Sydney.

Bryan Ireton '90 moved to California and assumed responsibility for AT&T's relationship with Sun Microsystems as the General Manager for the world outsourcing agreement. **Stephen Green '92**, Software Developer for Resort Data Processing, accepted a programming position and moved from Denver to Santa Barbara, CA. Resort Data Processing, which develops and sells property management software to hotels, condominiums, and time share resorts, is re-writing its entire system from a DOS platform to Microsoft's new dotNet. He misses snowboarding



in Vail, but is getting used to the sunny California weather.

Robert Smith '99 is now working at McLeodUSA as a Sales Engineer. **Nate Den Herder '01** is in his second year at George Washington University working on his Master's degree in Information Systems. He has been a TA in the MIS department and interned at the FNMA, the Federal National Mortgage Association in Washington, DC. **Michael Bonasera '98** is a law student in Columbus, Ohio. **Andrew Tyre '00** recently accepted a Telecommunication Specialist position with Abercrombie & Fitch.

William Hitchcock '98 is a Senior Network Engineer with Sprint PCS. **Dave Heimbach '99** is currently at OU working on a Master's degree in Finance. He worked at Broadwing and Rhythms before returning to school. **Beth Young '84** started with Informatica November, 2001, building global infrastructure of converged media over IP-voice, video, data. She welcomes contact from any Bay Area alums (byoung@informatica.com).

Mike Huge '01 is entering Ohio State this fall to begin a Master's degree in the School of Journalism and Communication. **Mark Manson '99** is a Network Provisioner with Qwest Communications. **Gregory Pearson '00** has worked at ICG as a Senior Installation Coordinator for 2 years in the Denver area. He just passed the CCNA exam and is working on the CCDA, hoping to move onto direct internet access projects.

Jim Evans '87, Director of Sales and part owner of Clayton IDS, is working with a new product line: mobile A.I.M.—an electronic wireless software and hardware suite

for the EMS, vending, property management, HNAC and construction industry. It will include GPS and real time sharing of data out in the field.

Kathryn Neigh (Godlewski) '85, Telecommunications Director AVP for Peapack-Gladstone Bank, recently implemented a call center, IVRU, internet banking, upgrades to a Definity, designed and installed two VM systems, while opening five new branch locations. She purchased a new home, added 4 stray kittens to her family of 6 cats, and continues to be active in motorsports.

Brad Ater '96 works at Qwest Communications as a Manager-Complex Provisioning-Government Accounts. **Stephanie Runner '01** is an Interoffice Capacity Planner with SBC/Ameritech. **Sara Steinbauer (Young) '94** is the Director of IT with Project H.O.M.E. **Anne Timonere-Bennett '85** was promoted to IT Operations Manager with The Andersons Inc., directing efforts of server, technology, network technology and end user support groups. She and her husband, Brian, have two young children.

Julie Becker '94 is currently the project manager for the Wireless Local Number Portability Project at Cincinnati Bell Wireless. She and her husband, Henry, had their first baby, Anna Rose, last August. **Crystal Hayduk '93** is teaching 5th grade math and science at the Shaker Heights City Schools. She left Lucent Technologies in 1997 and lived in the Czech Republic for 1 year teaching English. Realizing that she loved teaching, she earned a M.Ed at Ohio State. She operates

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Crosstalk

I miss Tony's lab—just kidding. Tell everyone I said hello.

- Jim Evans

If anyone is interested in applying to SBC, I can insert your resume into our local database, which is looked upon a little more favorably than the external one on the website.

- Josh Hale

Attn: Nate Peters...TAG! You're it!

- Victor Paini

I would like information on getting involved in activities with the School.

- Bret Emerson

Congratulations

Congratulations to the following recent graduates for their successful job search:

Gina Hotchkiss—Tri-County Community Action. **Neil Okonak**—The Sextant Group. **Benny Reed**—Speedway SuperAmerica LLC. **Kevin Gordon, Luke Lehman, Jason Ice, and Lauren Mazziotto**—Progressive Auto Insurance. **Michael Waterhouse**—WSAZ Television. **K.C. Smart**—AmeriCorps. **Scott Gerdes**—Fifth Third Bank. **Kevin McCormick**—Insight. **Rachel Burns**—CDW.

Recent graduates: let us know where you're employed, and we will add your name to this list. //



Technology Fee

Ohio University established a technology fee for those Departments and Schools requiring technology to support students in their learning endeavors. With these funds, CSM has added a printer in the Resource Center – students are now able to print at the workstations in the center free of charge.

Additionally, the School has purchased over 20 laptop PCs with wireless interface cards and added IEEE 802.11b hubs in the ground and first floor of RTV. The PCs, installed in a cart that can be wheeled into RTV taught COMT courses, will be used by instructors whenever they see the need in their courses. //

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Director's Corner (cont'd)

to remain near streams or rivers to derive power.

Interchangeable parts introduced mass production while the railroads provided a way to distribute products over great distances. The information revolution – with its micro-processors, communication protocols, and fiber optics, is now transforming the world economy of the 21st century. The steam engines of today are microprocessor based devices that can be located anywhere. The interchangeable parts of the information revolution are protocols like TCP/IP, the World Wide Web, and VoIP, which allow straightforward distribution of information between heterogeneous devices.

Lastly, the railroads of our revolution are the fiber optic networks that are moving high bandwidth closer to the user, and the wireless connections to allow nomadic applications. What this all means is that networks are the glue that holds the information revolution together, and our business is about networks – both in the carrier and the enterprise environments.

Just as we will surely rebound from our current economic conditions, there are other factors that will mean demand for our skills – the rapidity of technical evolution is outstripping the policy makers' ability to ensure rational and fair deployment of network capabilities. Wireless providers are taking access lines from Incumbent LECs, putting strain on traditional cost structures. Last mile bandwidth is coming to urban areas, but where is the "killer application" that will fuel demand and justify investment? How will circuit switched telecommunication infrastructure migrate to accommodate IP technologies? Can enterprises establish sufficient security to support their IT, but at the same time safeguard privacy? To what extent can the Internet be a convergent voice, data, and video platform, and what does this mean to consumers, businesses and carriers?

Lots of questions, but few answers mean that the technologist must understand policy and strategic management, while the policy maker must understand

technology – that really puts Communication Systems Management in the "sweet spot".

The CSM Program here is strong. The faculty is ensconced in their teaching and research roles in the School, as you can tell from the descriptions of some of their activities, contributions, and achievements in this newsletter.

This fall, we also hope to obtain final approval for starting a Master of Communication Technology and Policy degree in Fall 2003. In this program we hope to educate those aspiring to be the leaders of tomorrow in our exciting field.

On another note, the state of Ohio tax revenues continue to be affected by the recession. For the second year in a row, Ohio University state funding levels were cut. Unfortunately, this means less operating funds for our School to cover such expenses as telephone, office supplies, and even this newsletter. So when you receive a call this fall from Ohio University regarding the annual giving campaign, remember that if you choose to donate, you can specify that the funds be earmarked for Communication Systems Management, College of Communication, Ohio University.

Trevor Roycroft is off on a 1-year sabbatical writing a book, and **Herb Thompson** has just joined us as a visiting professor to help fill in during Trevor's absence. I would like to welcome Herb, and also thank Trevor for his dedicated service as Director -- we look forward to his return next year! //

this future
POWERED
 by a McClure School education.

INFORMATION FORM (or go to the alumni center of www.mcclureschool.info to submit information electronically)

Name: _____ Graduation Date: _____

Maiden Name (if applicable): _____

Home Address: _____

Home Phone: _____

Company: _____

Title: _____

Work Address: _____

Work Phone: _____ Work Fax: _____

Preferred E-Mail Address: _____

Do you want to be in the e-mail directory? Yes No

What's new on the home front?

What's new on the job?

Any messages for "Crosstalk?"

Help us keep track of you! Fill out this form and return to:

J. Warren McClure School of
Communication Systems Management
Ohio University
9 South College Street, Room 181
Athens, OH 45701
Fax: 740-593-4889
Email: moran@ohiou.edu

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New Faculty (cont'd)

master's degrees from Old Dominion University in electrical engineering, and a doctorate in information science from the University of Pittsburgh.

His research focuses on information and IS infrastructure reliability and survivability. His work has been published in the *IEEE Transactions on Reliability, Communications of the ACM*, and the *Journal of Network and Systems Management*. You can reach him at 740/593-0421 or asnow@ohio.edu.

Dr. Snow replaces **Trevor Roycroft** as director, who is on sabbatical in the Cape Cod area writing a book.

Herb Thompson will be teaching regulatory classes during Trevor's absence. Prior to joining the McClure School, Dr. Thomp-

son was an economist with the Public Utilities Commission of Nevada. He earned a Ph.D. in Economics from the University of Georgia, and has experience teaching at numerous universities and colleges. He can be reached at 740/597-1770 or

herbet.g.thompson.1@ohio.edu

Please join us in welcoming Dr. Snow and Dr. Thompson to the faculty. //

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Moves, Adds and Changes (cont'd)

an informal help desk for the other teachers on the side.

Caroline Simpson '01 is enjoying her job with Allstate in the Chicago area. She has been getting additional training in Avaya, Sie-

men's Octel, and Centrex. **Tara Wendell '02** is entering Indiana University this fall to begin a Master's degree in the School of Public and Environmental Affairs.

Brad and Robin Chilton '91 had a baby girl in November, 2001. **Nate Peters '96** is working at Abercrombie and Fitch as a Senior Telecom Analyst.

We want to hear from you! Complete and return the Information Form on Page 7, submit an electronic update located in the Alumni Center of the school's website at www.mcclureschool.info, or email Barb Moran at moran@ohio.edu. //



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