

Animal & Dairy NEWS



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A joint publication of ASAS and ADSA

Vol. 1 Issue 1

Letter from the 2002 ADSA-ASAS- CSAS Joint Meeting Overall Program Chair

By Jim L. Linn



INSIDE

Joint Meeting Information	2-4
Letter from ASAS President	5
Letter from ADSA President	6
Letter from FASS President	7
ADSA and ASAS Foundation	11-15
Sectional/Branch News	16-18

In just a short while you will have the opportunity to attend the world's leading scientific information exchange on animal agriculture and animal food products in Québec City. The professional societies of the American Dairy Science Association, American Society of Animal Science, and the Canadian Society of Animal Science will hold a joint annual meeting from July 21 to 25, 2002. Your fellow scientists have submitted a near record number of 1600 plus abstracts for the meetings. During the 3½-day, or short 84-hour, scientific-information packed meeting, you will have the opportunity to attend over 280 hours of symposia and oral abstract presentations. There will be 33 symposia and 52 oral abstract presentation sessions during the 3½ days.

In addition, some 800 poster abstracts will be available for viewing. All 800 plus poster abstracts will be available for viewing beginning Monday at 8 AM and will remain up until 1 PM on Wednesday. Thus, whenever you need to take a break from the oral sessions

or want to stretch your legs, visit the posters and the commercial exhibits. However, presenter hours will be staggered during the 3½ days, so if you find a poster you specifically want to talk to the author about, be sure and read the program for the presentation time.

Before all of the above happen, you can attend two days of pre-meeting symposia. Starting on Saturday, July 20th, the triennial Biology of Lactation symposium will be held. Following this, on Sunday, our hosts the Canadian Society of Animal Science, have put together two great symposia, one on amino acid nutrition and the other on reproduction. Sunday night marks the opening session with an outstanding speaker: John Oliver. Mr. Oliver has considerable experience in both US and Canadian agriculture and will share some of his insights into the challenges facing our industry in the coming years.

While hopefully you come for the program and fellowship of colleagues, don't forget to enjoy Québec City and our host country,

Canada. This is a great opportunity to visit the eastern side of Canada and learn about its history and enjoy the beautiful countryside. Also, you won't want to miss visiting the famous French quarters of Québec City.

Your discipline and species Program Committees have done an outstanding job of identifying a wide array of symposia and speakers that will surely provide something for

everyone. It is humanly impossible to attend all of the sessions, but the Overall Program Committee has put a program together that will keep you learning from early morning to late at night every day, no matter what your area of interest. Our goal is for you to leave Québec City knowing the best and the latest information in your scientific area has been offered as well as an enjoyable environment to visit old friends and make new ones. The

added benefit is the experience of visiting one of Canada's most exciting and intriguing cities. You can find all of the latest information on symposia, scientific oral and poster sessions, events, and registration on the website (www.fass.org/quebec02).

Jim L. Linn
Overall Program Chair



Symposia Offered

at the 2002 ADSA-ASAS-CSAS Annual Meeting

6th Joint EAAP/ASAS Workshop on Biology of Lactation in Farm Animals: Alternative Strategies in Dairy Cow Management

6th Joint EAAP/ASAS Workshop on Biology of Lactation in Farm Animals: Lactation Biology in the Post-Genomic Era

Alpharma Beef Cattle Nutrition: Factors Affecting Feed Intake in Beef Cattle
An Update on Modeling Pig Growth

Analytical Method Challenges for Measuring Nutrients and Anti-Nutrients in Plants

Applications of Functional Genomics in Animal Breeding and Genetics

Applications of Random Regression Models in Animal Breeding

Are We Ready for Nutritional Genomics?

ARPAS-FASS Symposium on Animal Care Training and Certification for Research Facilities and Commercial On-Farm Assessment Programs

Basic Mechanisms Regulating Anovulatory States

Congressional Insights

Critical Perspective of Animal Agriculture

CSAS Symposium: Amino Acids: Milk, Meat, and More!

CSAS Symposium: Improving Animal Production with Reproductive Technology

Developmental Endocrinology

Environmental Stress on Livestock and Economic Implications

Extended Shelf-Life Technologies and Trends for Fluid Milks: Current Applications and Potentials for the Future

Heifer Growth and Mammary Gland Development

Homeland Security and Animal Agriculture

Horses: Livestock Versus Companion Animals—Implication for Animal Agriculture

Improving Reproductive Efficiency with Hormone Treatments

Interventions and Future Directions in Food Safety

Is There an "Issue" of Gender and/or Race Inequality in Animal Science?

Lactic Acid Bacteria and Exopolysaccharides

Milk Protein Gelation and Their Mixtures with Polysaccharides

Mixed Models Workshop

New Concepts and Developments in Forage and Feedstuff Analysis and Applications to Ruminant Nutrition

Phytase, What is New and What Needs to be Done?

Potent Solutions for Impotent Dewormers: Controlling Resistant Internal Parasites

Potential for Dairying in the Southeast—Challenges and Opportunities

Regulation of Mammary Gland Function by Growth Factors and Downstream Signaling Cascades
Sheep Production in China
Skeletal Muscle Plasticity, Development, and Hypertrophy
Status and Application of Genetic Technologies in the Beef Industry
The Impact of Governmental Policies on North American Animal Agriculture
The Importance of Small Ruminants for Managing Vegetation
The J. W. Thomas Forage Symposium: A Discussion on Silage Fermentation Issues
Transmissible Spongiform Encephalopathies: Impact on Animal Agriculture and Food Safety
Value-Added Pork Products for 21st Century Consumers
Whey Proteins: Structure, Production, Function, and Future 

Upcoming Deadlines for 2002 ADSA-ASAS-CSAS Joint Meeting

Early Registration June 14, 2002
Housing Registration June 15, 2002
Audio/Visual Requests July 1, 2002

2002 ADSA-ASAS-CSAS Joint Meeting Sponsors

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CSAS Groups

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Technologie du Québec
Ordre des agronomes
Pioneer Hi-Bred Limited
Shur-Gain
Université Laval-FSAA
Université Laval-Vice rectorat
Recherche 




SAD Media Training

Members of the ADSA Student Affiliate Division and other interested students are invited to participate in this summer's SAD Career Symposium on Media Training, which will be held Tuesday, July 23, at 9:30 AM during the ADSA-ASAS-CSAS Joint Meeting in Québec City, Canada. This 90-minute program will be led by a group of ADSA members and others who have received extensive media training. Students will be exposed to a wide variety of media training topics and tactics including sound bites, testimonials, key points of interview preparation, role playing, demonstrations of effective and less effective interviews, and exposure to friendly and hostile media. In addition, participants will be given the opportunity to break out into

smaller groups to actually prepare for an interview on an assigned topic.

In advance of the meeting, each participating club is asked to select a topic relative to animal agriculture, prepare a one-page overview, and bring it to the Media Training program. These overviews will then be distributed to the breakout teams for their use in interview preparation.

The goal of the program is to give students exposure to media training and provide them with some tools to take back to their campuses so that they may more effectively address issues facing them related to animal agriculture. Each registered student will receive a comprehensive take-home media guide. 

NEW CDs from ADSA and ASAS!

Because of the popularity of our CD-ROM collections of the *Journal of Dairy Science* and the *Journal of Animal Science*, we have decided to collaborate on a series of CDs specific to certain disciplines of common interest. The material is drawn from both journals (1995–2001) and is arranged by scientific section. These include breeding and genetics, dairy foods, physiology, contemporary issues, teaching, environmental issues, and more! Each CD-ROM is available for only \$25.00. The complete 2001 volume (January–December) of *Journal of Dairy Science* and the *Journal of Animal Science* is also available for just \$25 each. Contact ADSA (adsa@assoqh.org; 217-356-5146) or ASAS (asas@assoqh.org; 217-356-9050) to place your order today.

Letter from the ASAS President



Winter/Spring is an active time for the American Society of Animal Science with an impressive number of members playing key roles in carrying out the duties and responsibilities necessary for the continuing functions of our society. Program, awards, and other committees are meeting in a variety of ways to complete society business. I've had the privilege of attending sectional meetings and have observed dedicated and talented ASAS members who volunteer their time and talents to "make things happen." Obviously, the satisfaction and professional growth volunteers gain for their efforts are valuable for these individuals. In addition, their contributions are critical for the committee structure we use to make decisions and complete projects for the society. Interestingly, two of the award winners at the recent Midwest meetings were among the group of individuals who had volunteered for committee assignments last year when I appointed new committee members for the society! Wesley Osburn (Teaching Award) from Michigan State University and Jodi Sterle (NPB Innovation Award) from Texas A & M University are just two of many members who excel in their professional endeavors and serve as valued contributors to the society as volunteers. I hope all members will step forward and follow the example of these outstanding members and become successful professionals while serving as volunteers.

One good opportunity that currently exists for all members is the Member-Get-A-Member Campaign. You can do your part to keep ASAS a viable and important organization by recruiting new members. Please refer to Tom Troxel's membership report in this newsletter for more details.

Two sectional meetings have been completed, the Western Section meeting is scheduled in June, and the Northeast meeting will be combined with the Annual Meeting in Québec City. These sectional meetings offer a unique opportunity for meeting and networking among academic faculty, students, and industry representatives. There is little doubt that the value of the sectional meeting extends far beyond the exchange of scientific information by providing a valuable linkage for these groups. Let's keep the sectional meetings strong!

Our Society's communication efforts are a continuing process. Questions about electronic publishing, time from submission to publication, electronic platforms that allow referencing with other journals, and other opportunities that impact our communication efforts are being evaluated by the Editor-in-Chief, Executive Director, and Board committees. A major step was taken last year with the initiation of electronic manuscript submissions. The efforts of the Communications Task Force have been valuable, and changes have resulted. A second communications committee that will potentially provide additional recommendations for Board action later this year is considering additional ideas. We must ensure that our vision of being "The Scientific Voice for Animal Agriculture" is more than a statement, and that it is, in fact, our focus.

As always, share your ideas with officers, Board members, and staff; I look forward to seeing you in Québec City.

David Ames
President



Letter from the ADSA President



In just two months, the ADSA membership will be gathering in Québec City for our annual meeting. I and many others are stilling remembering the wonderful meeting in Indianapolis, Indiana, as if it were just a few weeks ago. Yet, time has passed, and here we are anticipating the exchanges of information in Québec City through conversation over coffee or a meal, at symposia, and during technical sessions. Registration information on the meeting and the scientific program are now available, so come to Québec City and enjoy Canadian hospitality.

Your ADSA Board has not been inactive, in fact, they have had more conference calls and e-mails this year than in the past, in part because your association continues to strive ahead in many areas that require Board study, evaluation, and then approval. It is indeed a hard-working Board, not that it ever wasn't!

Authors are accepting *Manuscript Central*, the electronic place to submit an article to our journal. It is now almost routine for authors, reviewers, and editors to log onto *Manuscript Central* and 'check things out.' This new technology permits faster turnaround and immediate access to the status of each submitted manuscript. We're still refining the system, but Jean Rice and her assistant Crystal Rothganger are to be credited with steering this path well and coordinating excellently with journal Editor-in-Chief John Fuquay. Any comments you have are welcomed.

What's next? Look for the addition of online *JDS to HighWire*, a feature-rich portal for journals. This new technology will help ADSA members to comprehensively search and gain access to articles in our journal, in journals they regularly read, and perhaps in journals a member might otherwise miss. *HighWire* provides access to the full-text of articles in over 330 leading journals plus links to references and many more features. The Board plans to have this service available to ADSA members in January 2003.

What else is your association doing? We continue to define our relationship with FASS and with the other member organizations. To that end, both ADSA and FASS are developing strategic plans, independently; yet we are aware of each other's thoughts and anticipated directions. In fact, FASS has asked ADSA for three additional members to participate in the FASS strategic planning. The enhanced role with this FASS effort is important. ADSA continues to plan strategically through the leadership of ADSA VP Dave (Go Spartans!) Beede and Board member Gary Hartnell.

The Student Affiliate Division is active, and the Board is trying to make stronger connections to the students, as they are the future of the association. Molly Kelley, 'lifelong student,' is ADSA's enthusiastic staff liaison to SAD.

Larry Satter leads the ADSA Foundation, and the Foundation Board continues to define its role, increasing the financial corpus (\$\$) so that it may play a more significant role in association educational activities.

We are now working more closely with ASAS both as a Board and Executive Committee. This should help us with FASS interactions and help us to plan better annual meetings that serve the needs of members, whether they hold membership in one or both societies. This closer relationship reflects the excellent liaisons already maintained by Executive Directors Brenda Carlson and Ellen Bergfeld.

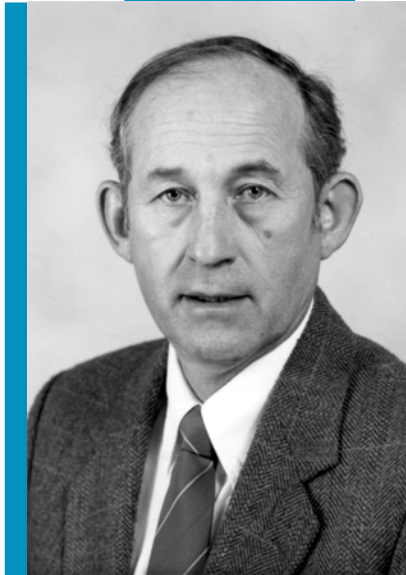
And then, thanks to the great efforts of the joint annual meeting program committee and the committees of each association, we will have a superb educational meeting in Québec City, where the weather will be beautiful and the Canadians hospitable, also where we'll find Jim Linn relaxing, having carried off such a great feat with ease.

Finally, my thanks to the recent Presidents of ADSA and, in particular, Dave Schingoethe, who left the association in such 'great shape' that it could only be successful, in spite of me. Dave, thanks for being such a fine model for me and for your words of wisdom.

John Bruhn
ADSA President



Letter from the FASS President



Animal agriculture faces a number of challenges. I met with cattle feeders recently, and they were lamenting 18 months of negative profits. Independent producers of dairy, swine, poultry, and beef struggle to remain profitable. New CAFO regulations will likely increase costs of production. A recent Nitrogen Emissions DISCOVER Conference raised the potential for further regulations. Antibiotic resistance is in the forefront as is animal well-being.

What role does FASS play in aiding our livestock and poultry industries in meeting these challenges? Clearly, those producers and industries that are proactive in making changes will survive and be successful. How can FASS be proactive in helping producers and related industries make the needed changes?

We are currently in a strategic planning process within FASS. The first consideration is where we are currently. Certainly, FASS has exceeded most expectations, at least I can speak for mine. Efficiencies have been achieved in the office in Savoy. The best evidence for this is that rates to member societies have not increased during the four years of FASS. All member societies are financially sound as is FASS. Efficiencies have been realized in publication of the journals of the three founding societies. FASS manages meetings, etc. for several nonmember societies, which enhances overall efficiency. Because FASS staff play a larger role in planning meetings, our society members and especially host location members are not burdened as they were in the past.

The Office of Scientific Liaison has been very productive. This office is supported by four committees of volunteer society members who have been very productive and have had positive impacts on several issues.

From my vantage point, FASS has been and continues to be very successful and productive because of the foresight of the organizers and an excellent staff. Certainly nothing needs to be “fixed.” However, Belasco and Sayer in Flight of the Buffalo state “success is the enemy.” Any organization that sits and revels in its success will actually fall behind. That is why our strategic planning effort is so important.

We must continue to emphasize sharing of scientific information, which includes journals and annual meetings. In addition, we believe that FASS will be of greatest value to its member societies and to animal agriculture if it continues to “grow” in its presence in Washington, D.C. and in the size of the business in Savoy. The strategic planning process is moving rapidly. Bob Wideman gave the initial leadership. He has now passed the “reins” of leadership to Jim Lauderdale. We fully expect to have a draft available for comments at the annual Board meetings of the founding societies this summer. We have met the enemy (success), and we are engaged in the “battle.” Hopefully, the winner will be FASS, the founding member societies, and animal agriculture.

Terry Klopfenstein
FASS President



Letter from the FASS VP- Administration



One of the certainties of association life and business in general is change. Those who are successful in planning for it are usually around to deal with the next onslaught of change. Those who don't, well, they remain where they are as everyone moves forward or they lose a bit of their relevance. Interestingly, the formula for handling change is the same for all entities, young or old. For instance, the .com's of this world have shown that even the up and coming have to effectively deal with change to survive, as do the old tried and true, such as the IBM's.

Of course the formula for effectively dealing with change is planning, anticipation, planning, good luck, timely reaction, planning, good people, openness to new ideas, and, of course, planning. FASS's success over the past five years is a great example of the value of all aspects of that formula. FASS's financial budget and basic administrative structure was designed in 1996. It is that structure, with its emphasis on economic stability of basic services,

that has been so instrumental in assisting each founding member society to attain individual economic success. In the year ending December 31, 2001, all founding societies and FASS achieved great financial success. It is this financial success and stability that is crucial in enabling the societies to provide the next level of service to the individual members.

Interestingly, the more successful one becomes at dealing with and reacting to change, the more successful he/she becomes, which then forces those individuals to deal with change again. Again, FASS serves as an example of this "success drives change" formula. Early on, we recognized the potential for the growth and success of FASS. When the property adjoining FASS Headquarters became available in early 1998, the FASS Board saw the potential and reacted swiftly to purchase it. The reasoning behind the decision was that this would be a good hedge against space needs and growth in the near term as well as a decent investment property. The growth of FASS and the needs of the founding members have validated that decision, as we are beginning to plan to relocate up to six staff members in this adjoining property. Success and hard work have brought substantial growth in the fund reserves of the founding members and have more than doubled FASS' total asset value in our first four years. It is that success that has driven staff size from 24 to a planned 40 by the end of the year. We have been successful in planning and reacting to change in our first five years; however, the real question for all of us is how well will we do in the next five years.

If the FASS strategic planning process is any example, we will be fine! It would be easy to rest on the

laurels of our successes over the past five years, but that would not be in character with the individuals and the societies that formed FASS. To begin a five-year strategic plan process in just our first five years is a testament to our desire to anticipate and plan for change. The process of surveying past and present Board members of the founding societies, as well as, engaging additional representatives from each founding society in this effort was impressive in both its openness and scope. It is this type of open-minded approach that will ensure FASS' future.

The need for anticipating and planning for our future is greater today than at any time before. FASS's great success has had the effect of opening many doors of opportunity, and only with proper planning and consideration of member needs can we be assured of selecting the correct path. FASS's increased presence in the dissemination of information (such as the Animal Biotechnology website project) and the joint ARPAS/FASS project on certification criteria are good examples of the many new opportunities that exist today for FASS. I applaud the FASS Board of Directors and the founding societies for their foresight, eagerness, and support of the FASS strategic planning process. Supportive leadership and good business decisions are the reasons that FASS has been successful in its first five years.

As the strategic planning process has indicated, the future of FASS is limitless. Although the growth opportunities are numerous and offer potential global recognition for FASS, it's important that FASS not neglect one of the core elements of its original mission: to provide efficient and economical administrative services to the founding

members. Our founding members represent the past, present, and future of FASS, and, they are our primary users of services—especially newly developed services. Our services (and the perceived quality of those services) reflect directly on FASS and its founding members. As FASS continues to grow and develop new positions and services within the organization, it's important that FASS continue to monitor, analyze, and improve or modify (as necessary) the quality of services we offer. This will ensure that we are providing the most efficient, cost-effective, and highest quality services available. It also prepares us to meet the future needs of the founding members as well as our client member societies.

FASS is dedicated to providing the highest quality of services possible to our founding members. It will be especially important during the upcoming growth and development of FASS (along with development of new products and services) that we do not neglect the basic element of our existence: customer service. All members are our clients and deserve the highest quality service possible. We will continue to evaluate and modify or improve those services that we feel do not meet our standard of quality.

The economic model that FASS operates under will be effective in providing the economic stability

needed by everyone as we plan and implement change. In fact, the very structure of the FASS economic model is designed to allow the societies to react to change with confidence and in a manner that was never before possible under the preceding model.

Is there risk to the future? Of course there is! But it is likely that more risk is waiting on those who ignore the future and the winds of change that are constantly blowing across our landscape.

Chuck Sapp
FASS VP-Administration



Letter from the FASS VP-Scientific Liaison



Transmissible spongiform encephalopathies (TSEs) are currently a hot issue at state, federal, and international levels in terms of regulations, monitoring, and surveillance. The FASS Scientific Advisory Committee on Food Safety, Animal Drugs, and Animal Health met recently near Washington, D.C. and discussed scientific aspects of TSEs. The committee has worked

collaboratively with the ADSA-ASAS Food Safety Program Committee to develop an outstanding symposium to be held at the 2002 Joint ADSA-ASAS-CSAS Meeting.

BSE has not been detected in the US; however, that does not mean it's a simple issue; in fact, it grows more complicated every day. With the many actions and concerns, it is important that FASS stay focused on the most important scientific aspects! The Harvard Risk Analysis, released in November 2001, stated that the US is highly resistant to any introduction of BSE or similar diseases. Furthermore, the report stated that measures are being taken by industry and government to make the US robust against the spread of BSE to animals or humans, should it be introduced in this country.

What aspects demand our attention? Here are brief summaries of key issues from a variety of organizations.

The FDA might change the feed rule that bans use of ruminant-

derived proteins in feed for ruminants. The issues under consideration include 1) specified risk materials (SRMs, including brain and spinal cord in the ban), 2) use of poultry litter as a feedstuff, 3) plate waste, 4) pet food in ruminant feed, and 5) cross contamination and clean-out issues in the feed-mixing facility.

Commodity groups are concerned that use of SRM terminology implies that we have the disease in the US. Because we do not have BSE in the US, we don't have SRMs. They noted that the feed ban itself is precautionary; how many more precautionary regulatory approaches will there be?

Dr. Linda Detwiler, APHIS, has stated that we still don't know all of the science. Brains and spinal cords have been confirmed as the number one tissue of infectivity. Compliance on the feed ban is not 100% (it was last reported by FDA to be 96.3% for feed mills).

Movement of ruminant-based proteins as imports, laundering, and mislabeling may be occurring; therefore, these are specific points of entry of contaminated feed or other animal product into the US (see <http://www.aphis.usda.gov/oa/bse/>).

“Whose science” do we use? What authoritative science summary is accepted by agencies as well as by the industries? At a meeting recently, commodity groups indicated that they accept the Harvard Risk Analysis (see APHIS web site) as the authoritative summary of scientific information.

FSIS has published its current thinking paper on possible actions to minimize human exposure to products that could contain the infective agent that causes BSE.

As for ARS research, Dr. Don Knowles has developed a monoclonal antibody test for prions at slaughter; the 3rd eyelid test is successfully used on sheep to detect scrapie (the first practical live animal test), but it apparently does not work in cattle, which do not lay down peripherally the prion. Dr. Larry Stankard is doing slaughter plant assays; Dr. Knowles has identified that genetics play a role in sheep susceptibility to scrapie; several studies on transmission of

scrapie and chronic wasting disease have been conducted; feed research and environmental fate of prions are new programs under the leadership of Dr. Stankard. Bottomline... a method in live animals will take some time. The ARS indicates that no single diagnostic tool or target tissue will suffice.

As for FDA research, they have a test method on various proteins in feeds that works. They can identify the animal species and almost distinguish between proteins, such as blood vs. meat and bone meal.

Senator Durbin (IL) is drafting a bill on food safety related to the BSE feed issues, but it is not likely to be introduced soon.

A GAO Report on BSE was released on February 26, 2002. The commodity groups, FDA, and USDA were critical, and responses have been sent by both agencies to GAO.

The Pet Food Institute has a brochure on “Handling Salvage and Distress Pet Food.” The issue is that pet foods containing animal proteins are getting into the feed supply, primarily within the dairy industry.

Future FASS Actions—What Role Can We and Should We Play?

* Attend the symposium in Québec City on July 22, 8 AM – 12 PM entitled “Transmissible Spongiform Encephalopathies: Impact on Animal Agriculture and Food Safety.”

* Draft comments on the FSIS “thinking paper” released in January 2002, which describes that agency’s interpretation of the feed ban and future exemptions (<http://www.fsis.usda.gov/oa/topics/BSE.htm>).

* Get involved with Senator Durbin, as FASS is a constituent (Savoy, IL Headquarters Office).

* Await the FDA Advanced Notice of Proposed Rulemaking or proposed rule on changes in the “Feed rule” and comment on it (<http://www.fda.gov/cvm/index/bse/bsetoc.html>).

The issue of TSEs is extremely complicated but significant to animal agriculture. There is ample attention being paid to TSEs in Europe and through Codex Alimentarius, the international organization that sets food safety standards. The FASS Food Safety Committee is working to keep scientific information in the process. For more information, contact FASS at bglenn@faseb.org.

Barbara Glenn
FASS Executive VP-Scientific Liaison



USDA Stakeholder Workshop for Animal Agriculture

As encouraged by animal agriculture stakeholders, a National Stakeholder Workshop sponsored by CSREES and ARS was held to show progress toward implementation of the six Food Animal Integrated Research (FAIR) 2002 goals and corresponding objectives developed in 1999 by the Animal Agriculture Coalition and the Federation of Animal Science Societies.

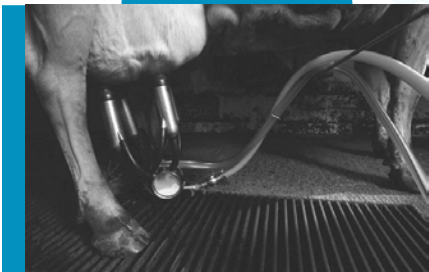
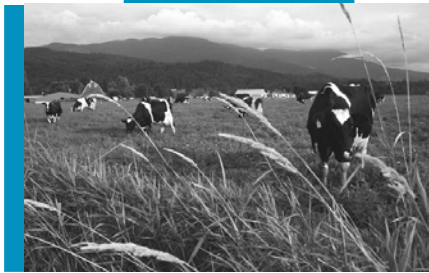
FAIR 2002 is the outcome of the second national conclave to establish consensus on animal agriculture research and education priorities for the 21st century. More than 250 leading animal scientists, farmers, ranchers, environmentalists, animal welfare proponents, commodity group representatives, government staff, rural advocates, and agribusiness and food service representatives gathered to

determine the most pressing research and education needs of the animal industry.

Follow the link to the ARS website for more information on FAIR 2002 (<http://www.nps.ars.usda.gov/menu.htm?docid=1083&page=1>).



Letter from ADSA Foundation Chair



Have you ever wondered what the ADSA Foundation Board does besides conduct an occasional conference call and a 'real meeting' during the annual ADSA meeting? You may think that most Foundation Boards are composed of only old folks, and, of course, that is pretty close to true. However, we do get around to discussing much more than bifocals, baldness, and bowels. In fact, the Board is quite disposed to very youthful thinking. I appreci-

ate that you may be skeptical of that point, but let me convince you that, indeed, such is the case. As evidence, let me share with you the following.

Your Foundation, through its treasury, currently supports three awards that are intended for the most youthful among us. The Foundation Scholar Award, first presented in 1997, recognizes a young professional in both the Production Division and in the Dairy Foods Division, who has an exemplary research and/or educational program and who has potential for future leadership. This award is reserved for candidates that are 10 years or less from receiving his/her Ph.D. A plaque, \$1,500 monetary stipend, and up to \$1,000 in travel expenses are granted to each recipient. The Genevieve Christen Distinguished Undergraduate Student Award, first offered in 1999, recognizes a distinguished undergraduate who has demonstrated leadership activity, academic achievement, involvement in the industry, and participation in the Student Affiliate Division of ADSA. A plaque and \$1,000 monetary stipend are provided. These awards are presented at the annual ADSA meeting.

The Foundation supports the future of ADSA by increasing undergraduate student interest and involvement in the Student Affiliate Division. Beginning in 2001, a traveling trophy (the Bob Sellar's cow carving) was established for the student club that won the Student Affiliate Division Quiz Bowl. In addition, each university club participating in the quiz bowl receives \$50.

Beginning in 1998, the ADSA Foundation initiated the DISCOVER Conference series. Under the leadership of Bill Baumgardt, six

conferences have been held to date. All but one of these has been held at the Abe Martin Lodge in Nashville, IN. These conferences provide a relaxed setting for 60 to 120 participants to focus on a specific topic or issue. Conference themes have included: Microbial Safety of Foods of Animal Origin, Transition Cow, Preserving Animal Germplasm Diversity, Probiotics of Food Animals, Dairy Foods for the New Decade, and Nitrogen Emissions to the Atmosphere from Livestock Facilities.

The DASEES project was initiated with ADSA and ASAS Foundation support. This effort focused on meeting needs for current information and news by ADSA members working predominantly in industry. To reach more people in the agricultural science field, DASEES is now coordinated through FASS as FASScience Summaries, which are executive summaries from the animal, dairy, and poultry science associations.

The Foundation was established in 1992. In the early years, the Foundation supported the Foundation Lectureship (invited speaker) and the opening session speaker at the annual ADSA meetings. With the advent of joint meetings with ASAS, these activities were replaced by those just described.

The Foundation Board would like for you to be informed about the ADSA Foundation, its activities, resources, and vision for the future. We want to visit with you about these topics in future newsletters, and we invite your questions, comments, and suggestions. Our hearing aids have new batteries!

Larry Satter
ADSA Foundation President



Letter from ASAS Foundation Chair



Sharing the positive things happening with the Foundation is a pleasant task this spring because, as nature brings forth renewed growth, your Foundation also has renewed vigor and is bringing forth new programs to benefit our members. It is a pleasure to take this opportunity to share with you some of the fruits of your efforts and support, rather than just asking for contributions. I would like to highlight a few of the recent developments made possible by your support of the Foundation.

Perhaps you have noted the announcement about the new intern opportunity in Washington made possible by the Bob Zimbelman Appreciation Club. The Foundation, in concert with the Appreciation Club, has provided funding to initiate the ASAS/FASS Student Intern Program. This program offers the opportunity for an advanced animal science student to work with the FASS Office of Scientific Liaison in Washington, DC on current issues relevant to animal agriculture. In addition to professional development opportunities for students, the goal of the internship is to strengthen the connections between animal science and the public. To learn more, see the full announcement and details at www.asas.org/intern. It is our hope that multiple internships will be available and offered year-round. For us to accomplish this goal, your continued financial support is requested. Sharing this new intern program has special significance as well because this is the first activity for the benefit of ASAS and our membership resulting directly from Appreciation Club initiative within our Foundation.



The Foundation is also pleased to announce that former students of David Baker have taken the initiative to honor his contributions and accomplishments with the formation of the David Baker Appreciation Club. The specific purpose of this Club is to sponsor an annual symposium focusing on amino acid research at the Midwestern Section ADSA/ASAS annual meeting.

The organizers of the H. Allen Tucker, Joseph Fontenot, and Billy Day Appreciation Clubs continue to make progress to move these clubs to the charter or fully funded levels. The H. Allen Tucker Appreciation Club has chosen to focus on supporting graduate student travel and expenses to ASAS/ADSA annual meetings. The Joseph Fontenot Appreciation Club will support graduate student travel and participation in the annual and regional ASAS meetings as well as other scientific meetings. The Billy Day Appreciation Club plans to fund and sponsor a symposium in reproductive biology at the annual Midwestern Section meeting of ASAS. We thank all those who have contributed to the existing clubs and request all members to consider making a financial contribution to clubs that support your ideals.

For more information regarding the internship program, contributing to current Appreciation Clubs, forming additional Appreciation Clubs, or other Foundation activities, please contact Ellen Bergfeld at ellenb@assoqh.org or 217-356-2426 x16.

Stephen Webel
ASAS Foundation Chair



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ASAS Foundation Appreciation Clubs

Members of the American Society of Animal Science (ASAS) are indebted to each other. Many have been students of members of ASAS or benefitted from the work of members of ASAS. Thus, the ASAS Foundation supports the formation of Appreciation Clubs to honor outstanding members of ASAS. Formation of Appreciation Clubs will allow those who have benefitted from the work of a particular member of ASAS to make a gift either in perpetuity or for special activities in the name of the honored person.

Yes, I would like to make a contribution to the following Appreciation Club:

- Dr. Robert G. Zimbelman
- Dr. H. Allen Tucker
- Dr. Billy N. Day
- Dr. Joseph P. Fontenot
- Dr. David H. Baker

I would like to form a Club in honor of _____

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(For a complete historical listing of ADSA Foundation donors, please check the Foundation web page at <http://www.adsa.org/foundation/foundation.html>.)

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ASAS Western Section News

The 2002 Annual Meeting of the Western Section, American Society of Animal Science will be held June 19-21 on the campus of Colorado State University, Fort Collins, CO. The meeting will be kicked off with a one-day symposium on Efficiency of Beef Production on Western Pastures and Rangelands. The symposium will feature Dr. Robert Herd, New South Wales, Australia, as well as other national and international experts. There have been 166 abstracts submitted (26 more than submitted for last year's meeting in Bozeman, Montana); these abstracts will be presented June 20 and 21. The Western Section ASAS Graduate Student Competition papers will be presented on June 20. A Graduate Student Forum at noon on June 20 will focus on career development. The Western Section Extension Symposium will be held on June 20 and will highlight innovative extension programs throughout the Western United States. New to the Western Section will be a Congressional Insight Workshop, which is an interactive computer model designed to simulate a two-year term of office in Congress. As part of the BBQ on the 20th, a tour of the new Colorado State University Animal Science Farm will be given. We invite all of you to come to Colorado and participate in this excellent conference. For more information, check out the Western Section Web Site (<http://www.asas.org/western02/>). Hope to see you there.

Jerry Reeves
ASAS Western Section Director



Midwest ADSA/ASAS Section

The 2002 annual joint meeting of the Midwest Section/Branch of ASAS/ADSA was held March 18-20, in Des Moines, Iowa, at the Polk County Convention Center with a very successful, educational program. There were 1091 registrants, including 636 professional members, 241 graduate students, and 52 undergraduate students as well as students of the 16 quadrathlon teams. A total of 306 abstracts were presented, including 218 oral presentations and 88 poster presentations, plus seven excellent symposia. The wide range of topics presented in the symposia included *Nutrient Excretion and Odor Control*; *Muscle Satellite Cell Updates*; *Managing Reproduction in Beef Cattle*; *Sperm Preservation and Separation*; *Breeding Herd Nutrition and Management*; *Current and Future Hybrid Selection for Optimal Feeding Value of Corn Silage*; and *Do We Need to Feed Dairy Cows Ad Libitum?* A symposium for students, *Internships and Career Development*, also was presented as well as a *Congressional Insights Workshop* open for any registrant. Posters were displayed all day on Tuesday and potentially for one-half day Wednesday. The Boards for both societies drafted a joint constitution and by-laws to provide commonality in our operation and procedures. Ballots were sent to the membership by mail, and it was announced at the meeting that acceptance of the joint constitution and by-laws had passed.



The Academic Quadrathlon competition awardees included Michigan State University team for the overall high score, South Dakota State University for the laboratory practical, University of Missouri for the quiz bowl, University of Wisconsin-Madison for the oral presentation, and Iowa State University for the written exam. There were seven papers in the Graduate Student Competition and 13 papers in the Undergraduate Student Competition. Award winners in order were Undergraduate—Brett Meyer, University of Nebraska; Ryan Dilger, Purdue University; and Benny Mote, University of Nebraska; Graduate—M.S.—Kimberly Hargrave, University of Nebraska; Jeffrey S. Knott, University of Minnesota, and Aaron Gaines, University of Missouri (tied for second); Graduate—Ph.D.—Matt Hersom, Oklahoma State University; Jason Woodworth, Kansas State University; and Hushton Block, University of Nebraska. Additional awards presented were as follows: Outstanding Young Researcher—Mark Morrison, The Ohio State University; Outstanding Young Teacher—Wesley Osburn, Michigan State University; Outstanding Young Extension Specialist—Micheal Brouk, Kansas State University; National Pork Board Awards for Innovation in Research—Jeffrey Escobar, University of Illinois, and Aaron Gaines, University of Missouri; National Pork Board Award for Innovation in Education—Jodi Sterle, Texas A & M University. The Midwest ASAS/ADSA Board wants to again express appreciation and a special “Thank you” to the many industry and association sponsors of awards, symposia, meals, receptions, and many other activities of the 2002 Midwest meeting.

Sharon Franklin, ADSA Midwest Branch President
Alan Sutton, ASAS Midwestern Section Director



ASAS Southern Section Report

The annual meeting of the Southern Section, American Society of Animal Science was held on Monday, February 4, 2002. Dr. Glen Hembry, Chair of the Department of Animal Sciences at the University of Florida, welcomed the Southern Section of ASAS to Florida on behalf of the University of Florida, Florida A&M University, and the employees of USDA-ARS residing in Florida.

There were 123 full members, 59 graduate students, and 11 undergraduate students who registered, for a total of 193 attendees. In addition, there were 10 quadrathlon teams of four undergraduate students each representing another 40 undergraduate students that were involved in the meeting. The total attendance at the last five Southern Section meetings has been 2001—197, 2000—162, 1999—189, 1998—183, and 1997—174, making this year's attendance similar to past meetings. There were 156 presentations, with 139 published abstracts, 17 invited

presentations, and four symposia. There were 17 papers in the Graduate Student Paper Competition and eight in the Undergraduate Student Paper Competition, representing the largest number of papers ever in these two sessions. At least five special interest groups met during the Southern Section meeting, including four IEGs (Information Exchange Groups) and an IFAFS work group.

Dr. David Ames, President of the American Society of Animal Science, brought greetings to the group from the Board of Directors of ASAS, who met in Orlando immediately before the beginning of the Southern Section meeting. In his remarks, he indicated that there continues to be a need to form and an interest in forming partnerships involving universities, the animal industries, and allied businesses for the advancement of our activities and society. President Ames also provided an update on the electronic submission process for the

Journal of Animal Science, indicating that electronic submission has decreased the time to publication and increased the ability to track submitted manuscripts. More progress is expected, as the acceptance and utilization of electronic submission is embraced. President Ames reminded us that increasing membership in our organization is always important, and he asked us to encourage others to become members of ASAS. President Ames thanked the leadership of the Southern Section for the contributions they are making and, in particular, Dr. Tom Troxel for his representation of the Southern Section on the ASAS Board of Directors.

Dr. Ellen Bergfeld, Executive Director, American Society of Animal Science, expressed her pleasure to be attending the Southern Section meeting, and she brought greetings from the staff at the ASAS Headquarters in Savoy, Illinois. Dr. Bergfeld reminded us of the summer meeting

to be held in Québec City, Quebec, Canada, in conjunction with the American Dairy Science Association. She also told the group about the workshops she was conducting at the southern meeting entitled "Congressional Insights." The workshops were open to all attendees of the Southern Ag Workers, and she particularly invited the animal science attendees to participate.

Dr. Todd Thrift reported on the competition and results. There were 10 teams that participated, with the practicum being held at the University of Florida at Gainesville. Dr. Thrift thanked the other members of the committee, the faculty, and staff from the University of Florida for their assistance, and he thanked the institutions who sent teams. The overall results were first place, University of Florida; second place, Texas A&M University; and third place, Virginia Tech.

The Southern Section was proud to announce the following award winners.

Undergraduate Student Paper Competition: First place—Brett Spader, University of Missouri; second place—Susan Cannon, University of Arkansas; and third place—Aaron Maye, North Carolina State University. Sponsor: Degussa-Hulls Corporation

Graduate Student Paper Competition: First place—J. A. Parish, University of Georgia; second place—Liza Soliz, Texas A&M University at Kingsville; and third place—Kay Garner, University of Tennessee. Sponsor: Kemin Industries, Inc.

Extension Award: Dr. Warren Gill, University of Tennessee. Sponsor: Boehringer Ingelheim Vetmedica, Inc.

Young Animal Scientist Award—Education: Dr. Joel Yelich, University of Florida. Sponsor: Elanco Animal Health

Young Animal Scientist Award—Research: Dr. Beth Kegley, University of Arkansas. Sponsor: Elanco Animal Health

National Pork Board Award for Innovation: Kim Cole, University of Arkansas, for the abstract entitled "Follicular dynamics and ovulation rate in gilts actively immunized against 17-a-hydroxyprogesterone" Sponsor: National Pork Board

Distinguished Service Award: Dr. Fred Thrift, University of Kentucky

Dr. Warren Gill announced the results of the election. Dr. Jerry Baker was elected Secretary-Treasurer. The officers for 2002–2003 are Dr. Debra Aaron, President; Dr. Ken Esbenshade, President-Elect; TBA, Secretary/Treasurer; Dr. Jerry Baker, Secretary/Treasurer-Elect; and Dr. Tom Troxel, Past President.

President Troxel reported that the upcoming meetings of the Southern Section will be as follows: 2003—Mobile, Alabama; 2004—Tulsa, Oklahoma; and 2005—Little Rock, Arkansas.

Tom Troxel
ASAS Southern Section Director



The Bob Zimbelman Appreciation Club and the ASAS Foundation Announce the ASAS/FASS Student Intern Program

In affiliation with the ASAS Foundation, through the Bob Zimbelman Appreciation Club, the ASAS/FASS Student Intern Program has been initiated this spring. The Intern Program offers an opportunity to advanced students in animal science, or a closely related field, to work with the FASS Office of Scientific Liaison on issues relevant to animal agriculture.

The goal of the program is to strengthen the connections between science and the public while

simultaneously providing students an opportunity 1) to observe and participate in the process by which science is communicated to the public as well as elected leadership, 2) to improve their communications skills by learning to describe complex technical subjects in a manner comprehensible to non-specialists, 3) to increase their understanding of the legislative process, and 4) to increase their understanding of the importance of communicating science to various audiences, including elected officials.

Applications for the 2002 summer intern were due April 30, and, at the time this newsletter went to press, applicants were being reviewed by the selection committee. It is our hope that multiple internships will be available and offered year-round. For us to accomplish this goal, your financial assistance is requested. For more information regarding the Internship Program, contributions to the Bob Zimbelman Appreciation Club, or other Foundation Appreciation Clubs or activities, please contact Ellen Bergfeld at ellenb@assoqh.org or 217-356-2426 x16.



2001 All American Livestock Judging Team

Ten students have been named to the All American Livestock Judging Team. These students were selected on the basis of their grade point average, industry and university activities, community service, and professional goals. Thirty students were nominated by their universities, and final selection was made by a panel of animal science department chairs. Serving on the All American Selection Committee were Dr. Roy Ax, University of Arizona; Dr. Larry Benyshek, University of Georgia; Dr. Maynard Hogberg, Michigan State University; Dr. James E. Kinder, The Ohio State University; and Dr. Jim Males, Oregon State University.

The All American Awards are presented at the North American International Livestock Show. The students receive plaques sponsored by American Livestock Insurance Company, Geneva, IL and free membership to the American Society of Animal Science is provided by ASAS. The 10 members of the All American Team had an average GPA of 3.80. An activity summary of the All American Team is as follows.

Matt Barnes (University of Tennessee—Martin)—Alpha Gamma Rho Vice Noble Ruler; Chairman of the Block and Bridle Show; national winner of Chicago Mercantile Scholarship; Tennessee Jr. Sheep Producers Association Ambassador; career goal is to be in the legal profession or ag sales

Devori Beckman (Oregon State University)—Member of Senior Student Research Team addressing beef cattle nutrient recycling; student manager of the OSU Swine Center; President of the Idaho Junior Limousin Association; Devori plans to pursue a Master's degree in the area of phytoestrogens and their impact on reproductive efficiency in beef and sheep

Sandra Gruber (The Ohio State University)—Block and Bridle Club President; participant in the AgriScience Youth Workshop for the Ohio Cattlemen's Foundation; member of the Agriculture and Natural Resources Student Council; teaching assistant in the introductory meat course; future plans include earning an advanced degree in animal science

Alyssa Mangan (California State University—Chico)—Officer in the CSUC Young Cattlemen's Association; undergraduate research interests focused on the impact of sheep grazing on yellow star thistle on California rangelands; Alyssa plans to enter the Teaching Credential Program in fall 2002 at CSUC

Melissa Montgomery (North Dakota State University)—NDSU College of Agriculture Ambassador; Collegiate FFA Vice President; President of the North Dakota Junior Angus Association; career goal is to excel in agriculture education and as an FFA advisor

Erin Morrow (Texas A&M)—Member of the Texas A&M College of Agricul-

ture Student Council; Agriculture and Natural Resources Policy Congressional Intern; New Mexico State FFA Secretary; career goal is to attend law school

Sarah Pierce (Colorado State University)—CSU Collegiate 4-H President; College of Agriculture Student Representative Honors Program participant and teaching assistant; participated in the National Beef Quality Audit Project; plans to pursue advanced degree work in international research and development

Ryan Rathman (Texas A&M)—Member of the Texas A&M Agriculture Student Council; Chairman of the Texas A&M Steer and Heifer Futurity; intern with Cargill; owner of his family's 150-head club calf producing herd; career goal is to earn a Ph.D. in reproductive physiology

Cari Rinker (Texas A&M)—Member of Texas A&M's Saddle and Sirloin Club and Collegiate 4-H; National Junior Simmental Board as well as a summer intern for the American Simmental Association; Cari plans to pursue an advanced degree in beef cattle reproduction or meat science

Amanda Ziehl (Colorado State University)—Member of the CSU Block and Bridle Club and the Agri-Business Association; member of student research team working on lifetime implant study for the NCBA; Amanda is interested in biotechnology and wants to obtain an advanced degree in this area



ASAS Membership Campaign

The American Society of Animal Science is a very strong and influential professional society. There are many reasons why this is the case. The *Journal of Animal Science* is consistently ranked by ISI in the top one percent for impact factor and citation immediacy of journal publishing in the agriculture, dairy, and animal sciences. The sectional and annual meetings provide an opportunity for animal scientists to present, share, and discuss research findings. ASAS awards provide the opportunity for members to be recognized and honored by their peers. The society is critically important and committed to the professional development of students as well as faculty.

There is no question that the aforementioned reasons do contribute to the strength of ASAS, but the most important reason is ASAS membership. Quality members write and review the journal articles. Quality members organize the special symposia and programs at the sectional and annual meetings. Quality members present the scientific information and are recognized by their peers. Without strong active membership, there would be no American Society of Animal Science.

Every member has a vested interest in keeping the Society strong and active. Our current membership numbers indicate that our membership is decreasing this year, not only in institutional members (libraries), but also in professional and student

members. Comparing the March quarterly reports for 2001 and 2002, we have 525 fewer members this year compared with last; 339 of these are professional members who have not renewed, and 155 are students. Although the reasons for not renewing may be numerous, our society needs a strong and active membership to continue to provide quality meetings, technological advances in publishing, and to keep our membership dues at a competitive level. Dues have not increased for professional members or students since 1999. We'd like to keep it that way. However, the budgetary impact of non-renewals will be significant this year if we are not able to gain more members.

For the first time in ASAS's history, we have launched a membership drive. I encourage you to support ASAS by encouraging your colleagues to become members. With the Member-Get-A-Member Campaign, you can help strengthen ASAS and win valuable prizes. Act now, as the Member-Get-A-Member concludes on July 1, 2002. If you need help finding out who is not currently a member of ASAS or wish to obtain additional information about the Member-Get-A-Member Campaign and membership services call (217) 356-9050 or e-mail ASAS headquarters at asas@assoqhq.org. Renew your commitment to ASAS by recruiting new members today. Be part of the "Scientific Voice of Animal Agriculture."

Tom Troxel
Membership Chairman



ASAS Communications Task Force Update

The *Journal of Animal Science* (JAS) and the ASAS annual meeting are the activities of greatest importance to our members. The Editor-in-Chief (EiC) for JAS is responsible for ensuring that JAS retains its scientific credibility through publication of quality papers in a timely manner. Previous EiCs communicated with the ASAS Board that the time and effort required as EiC relative to the increased demands of grant preparation, decreased funding for research, as well as research, teaching, and extension activities in various departments placed a severe strain on anyone accepting the responsibility of EiC for the JAS. Thus, several years ago the ASAS Board agreed to pay the JAS EiC a modest sum for support of both their work and the work of an editorial assistant. During the ASAS Board meetings in 2000 and 2001, the Board discussed numerous reports addressing restructuring of the EiC position. When the Board met at the 2002 annual meeting, a Communications Task Force was appointed. The Task Force was charged with bringing recommendations regarding communications in general, including JAS, and the EiC job to the mid-year 2002 Board meeting in a form that action could be taken.

Task Force members were Larry Benyshek, Ellen Bergfeld, John Edwards, Woody Knight, Jim Lauderdale (Chair), Bob Short, Mike Smith, Steve Smith, Gary Williams, Matt Wilson, and Marty Wolske. The Task Force met twice during the 2001 annual meeting in Indianapolis and communicated via e-mail and telephone during subsequent months.

At the mid-year Board meeting in February 2002, the Task Force recommended the following.

- 1) A Communication/Education Director would add value to our membership. This should be a FASS position, as each of the FASS founding societies (ADSA, ASAS, PSA) are communicating to numerous stakeholders on scientific issues of importance to animal agriculture.
- 2) A Board team (could be the Publications Committee) should be established to address *JAS* publication costs, how to best recoup publication costs, publication platforms, how to best meet our member needs, and how to best meet the needs of library and institution subscribers.
- 3) Several suggestions were intended to ensure that manuscripts submitted to *JAS* are reviewed and appraised for scientific quality in a timely manner and that accepted papers are printed as promptly as possible while reducing the workload of the EiC. The intent of the suggestions was to develop an EiC “job description” that would increase the probability of finding qualified ASAS members willing to accept the responsibilities of EiC.

The Board, at the mid-year meeting, accepted the Task Force’s recommendation to recommend to FASS the establishment of a Director of Communication/Education. The Board appointed a subgroup of the Task Force to further develop the job description for the EiC. The time is appropriate to address the job description, as 2002 is the year for a new EiC to be identified. The subgroup completed this task and submitted recommendations for duties of the EiC, Section Editors, Reviewers, and Staff to the ASAS Board Executive Committee for their teleconference on April 29, 2002. The ASAS Executive Committee accepted the recommendations, and the duties are now posted on the ASAS website.

The intent of the Task Force has consistently been to identify ways whereby ASAS can support our intent to be the “Scientific Voice of Animal Agriculture,” thus the recommendation for a Director of Communication/Education. The goal of the Task Force was to structure the EiC, Section Editor, and Reviewer responsibilities and staff positions to ensure that *JAS* retains its scientific credibility through quality papers and timely publication while containing costs of publication in a rapidly changing environment for scientific publications.



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Feng-Qi Zhao

2001- 2002 ADSA Officers and Directors



PRESIDENT

John C. Bruhn
University of California—Davis
Phone: 530-754-6455
jcb Bruhn@ucdavis.edu

PAST PRESIDENT

David J. Schingoethe
South Dakota State University
Phone: 605-688-5483
david_schingoethe@sdstate.edu

VICE PRESIDENT

David K. Beede
Michigan State University
Phone: 517-432-5400
beede@msu.edu

EXECUTIVE DIRECTOR

Brenda S. Carlson
Phone: 217-356-2426, ext. 11
brendac@assoqh.org

TREASURER

Ronald L. Richter (2004)
Texas A&M University
Phone: 979-845-4409
rlrichter@neo.tamu.edu

EDITOR-IN-CHIEF

John W. Fuquay (2002)
Mississippi State University
Phone: 662-325-2802
jfuquay@ads.msstate.edu

DIRECTORS

David M. Barbano (2002)
Cornell University
Phone: 607-255-5482
DMB37@cornell.edu

William L. Crist (2002)
University of Kentucky
Phone: 859-257-7543
wcrist@ca.uky.edu

Kathryn J. Boor (2003)
Cornell University
Phone: 607-255-3111
kjb4@cornell.edu

Gary F. Hartnell (2003)
Monsanto Company
Phone: 314-694-8521
gary.f.hartnell@monsanto.com

David R. Henning (2004)
South Dakota State University
Phone: 605-688-5477
david_henning@sdstate.edu

Ellen R. Jordan (2004)
Texas A&M University
Phone: 972-952-9219
e-jordan2@tamu.edu

2001-2002 ASAS Officers and Directors



PRESIDENT

David R. Ames
Colorado State University
Phone: 970-491-7803
dames@agsci.colostate.edu

PRESIDENT-ELECT

James W. Lauderdale
Pharmacia Animal Health
Phone: 616-833-2473
james.w.lauderdale@pharmacia.com

PAST PRESIDENT

Jeffrey D. Armstrong
Michigan State University
Phone: 517-355-0232
armstroj@msu.edu

EXECUTIVE DIRECTOR

Ellen G. M. Bergfeld
Phone: 217-356-9050
ellenb@assoqh.org

PROGRAM SECRETARY

David B. Anderson (2003)
Elanco Animal Health
Phone: 317-277-4704
dba@lilly.com

RECORDING SECRETARY

Gary L. Williams (2004)
Texas A & M University
Phone: 361-358-6390
gary-williams@tamu.edu

FOUNDATION TRUSTEE CHAIR

Stephen K. Webel
United Feeds, Inc.
Phone: 309-377-2201
swebel@unitedfeeds.com

EDITOR-IN-CHIEF

Dr. Stephen B. Smith
Texas A&M University
Phone: 979-845-3939
sbsmith@tamu.edu

SECTIONAL DIRECTORS

MIDWESTERN SECTION DIRECTOR

Alan L. Sutton (2002)
Purdue University
Phone: 765-494-8012
asutton@purdue.edu

NORTHEASTERN SECTION DIRECTOR

Ronald S. Kensinger (2004)
The Pennsylvania State University
Phone: 814-863-0558
rsk7@psu.edu

SOUTHERN SECTION DIRECTOR

Tom R. Troxel (2002)
University of Arkansas
Phone: 501-671-2188
ttroxel@uaex.edu

WESTERN SECTION DIRECTOR

Jerry J. Reeves (2004)
Washington State University
Phone: 509-335-8335
reevesjj@wsu.edu

AT-LARGE DIRECTORS

David B. Anderson (2003)
Elanco Animal Health
Phone: 317-277-4704
dba@lilly.com

Alan W. Bell (2002)
Cornell University
Phone: 607-255-2862
awb6@cornell.edu

Robert A. Easter (2003)
University of Illinois
Phone: 217-333-0460
r-easter@uiuc.edu

Joan H. Eisemann (2004)
North Carolina State University
Phone: 919-515-4044
joan_eisemann@ncsu.edu

Calvin L. Ferrell (2002)
USDA-USMARC
Phone: 402-762-4205
ferrell@email.marc.usda.gov

David L. Harmon (2002)
University of Kentucky
Phone: 859-257-7516
dharmon@ca.uky.edu

Woodrow M. Knight (2004)
FDA
Phone: 301-827-0219
wknight@cvm.fda.gov

John A. Paterson (2003)
Montana State University
Phone: 406-994-5562
johnp@montana.edu

Gary L. Williams (2004)
Texas A & M University
Phone: 361-358-6390
gary-williams@tamu.edu