

Now incorporating news from the ASAS Foundation

ASASYNOPSIS

THE SCIENTIFIC VOICE OF ANIMAL AGRICULTURE

SPRING 2001

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FROM THE PRESIDENT



I hope you are making your plans to attend our annual meeting this summer in Indianapolis. Dave Anderson (Elanco; chair of local events) and others are working hard to make sure the meeting is very enjoyable. Tony Pescatore and our committee chairs are developing a stimulating scientific program. There will be nearly 50 symposia with approxi-

mately 50% integrated programming across the societies. Please peruse this issue of the newsletter for information related to the meeting.

Timing is so important! Daily events in national and international news amplify the wisdom and timing of our historic joint meeting of the four societies. Foot-and-mouth disease, BSE, biotechnologies, cloning, animal welfare (King Report), and many other challenges are opportunities for each of us to educate the public. Members of our societies are key to making sure that science is involved in dealing with these complex issues. My first challenge to the membership of ASAS is to get involved. Please take advantage of opportunities posed by your university, company, ASAS, or FASS to get directly involved. You can also do this through your personal sphere of influence. Stop and think how many of your students, co-workers, friends, family members, and casual acquaintances have asked you about foot-and-mouth disease, BSE (or, they probably said "mad cow disease"), cloning, or, most recently, how animals are slaughtered. (A May 2000 story on animal handling in a slaughter plant in Washington is back in the news.) How have you answered their questions? In many instances, folks are genuinely interested but also very much confused. I have had folks ask whether BSE can be transmitted from people coming from Europe. Confusion between FMD and BSE abounds.

I know you would all agree that it would be much better for animal agriculture to be in the news as a result of a new scientific breakthrough that will better feed the world or enhanced funding for the very expensive research conducted in our laboratories. However, this is not the case. We need to take some of these lemons and make lemonade. This can only happen through the action of individual members. Whatever the issue, we need to be there with the voice of science. ASAS is the scientific voice of animal agriculture. Through our association with FASS, specifically Dr. Barbara Glenn's (FASS Executive Vice President for Scientific Liaison) presence in Washington, D.C., we are well positioned to frame the debate surrounding contemporary issues in animal agriculture.

ASAS is a great organization. Our membership is beginning to increase after a slow downturn, but we need your help in expanding our ranks further. As described elsewhere in this issue, we will soon be initiating a member-get-a-member campaign. Take advantage of this opportunity to share with others the advantages of membership in ASAS. The main reason to be a member of ASAS is to become a part of a knowledge community. You then have access to outstanding scientific meetings and a world-class journal. We also have excellent information on our Web site. A good example is our monthly ASAS Bulletin. See the April issue at <http://www.asas.org/bulletin/April01.html>. Just within this issue, there are many links to contemporary issues, symposia, and other knowledge-based events.

Your ASAS Board of Directors and Executive Director are working hard to plan for the future. We have revised our strategic objectives as follows: Improve the capability of ASAS to publish and/or distribute scientific information through JAS and other means in a timely manner; broaden the scope of ASAS; strengthen ASAS communications and efforts to include and interrelate disciplines and interests; strengthen member input to establish priorities; and strengthen the financial situation of ASAS. To these ends, Ellen Bergfeld and a committee of members are working to bring new input to our board. We will soon elect trainee representatives to the board. In addition, the financial situation of ASAS is very strong. We are working to build up our reserves to a level recommended by society experts. The future is indeed bright!

Exciting times! It is a wonderful time to be involved in animal agriculture. The next time someone asks you about FMD, BSE, or other issues, be prepared. Be on a mission to educate folks about animal agriculture. Also, join the member-get-a-member campaign and help us expand our numbers so we can strengthen our impact.


Thanks for taking time to read the ASASYNOPSIS. I'll see you in Indy! 

Jeffrey D. Armstrong

A Reminder to ASAS Members

If you have not done so recently, please take a moment to check your entry in the online ASAS membership directory (<http://www.fass.org/memdir.html>) to be sure your directory information is current.

FROM THE EXECUTIVE DIRECTOR



The year is now in full swing, and headquarters staff and volunteers (ASAS, ADSA, PSA, and AMSA) have been very busy with the general business of putting together the upcoming inaugural joint annual meeting in Indianapolis. This is going to be a fantastic meeting with plenty of new programs and we look forward to seeing you there. You'll find additional meeting information in this newsletter as well as on the Web site: www.fass.org/fass01.

The ASAS board voted in 2000 to increase membership input in regard to ASAS governance by adding two trainee positions (one graduate student and one post-doctoral fellow) to the board of directors. This addition will be accomplished at the time of the annual meeting in Indianapolis. At the time of this mailing, all student and post-doc members will receive ballots by which to vote for the two trainee representatives. We had an excellent slate of nominees and it was very difficult to narrow the field. We feel that the input and leadership of this segment of our membership will be well served by those on the ballot. Students and post-docs, please exercise your right and responsibility by voting in this important election.

We have a number of board-approved projects that are ongoing. One of these projects is the ASAS Member-Get-A-Member program. You will find a brochure in this mailing that provides more detailed information.

Our membership numbers are strong, but we have a great deal of opportunity to pull in new undergraduate, graduate, post-doctoral, and professional members as well as friends and colleagues who have allowed their memberships to lapse. Our full membership potential is not known. Membership surveys conducted by other associations have shown that the overwhelming reason people do not join an organization is because they have not been asked, and your personal endorsement of ASAS is by far our most effective recruitment tool. Therefore, we are asking that you encourage your colleagues, students, and friends to join ASAS. The more members we have, the stronger our organization is in terms of being able to provide new services and having a voice heard on issues of concern to animal scientists.

Another project that has just been launched is an online employment database. ASAS and ADSA have joined forces to produce the electronic FASS Talent Pool to be used by our members. The purpose of the database is to provide your information to interested companies, universities, governmental agencies, etc.

We need your help in populating the FASS Talent Pool database. To do so is easy! Just go to the following Web site and enter your information in the assigned fields: <http://www.fass.org/talentpool/post/talentpool.asp>. Any ADSA or ASAS members seeking full or part-time professional employment, consulting opportunities, or volunteer service opportunities can post a brief description of the type of position they are interested in and their qualifications.

We are offering this service for the convenience of our members and the industries that support our organizations on an as-is basis. That is, we offer no endorsement of one candidate or company over another, nor do we guarantee the accuracy of the information posted. We do, however, make an effort to keep the information up on a timely basis. If you do not provide a date on which your information should be deleted, it will be dropped one year after you post it.

Members who are seeking employment are encouraged to connect to the FASS Job Resource Center at <http://fass.org/jobs/> for the latest in available positions. Employers may also post their available positions through this convenient online database (for a fee).

As you have seen, ASAS and ADSA are collaborating on another project called DASEES, the Dairy and Animal Science Electronic Executive Summaries. Each DASEES issue includes recent stories of interest to those in the animal/dairy agriculture industry, peer-reviewed research articles on timely topics, practical applications of recent research findings, questions for further consideration, and a discussion area for all subscribers. They are grouped in six interest areas: beef production, dairy foods, dairy production, large animal health, large animal nutrition, and swine production. We have produced more than 15 pilot issues and new DASEES issues will be posted every two to three weeks at <http://fass.org/dasees>. Please take a few minutes to look them over.

As always, please contact me with your thoughts, concerns, and ideas about improving membership service, future annual meetings, and so on at ellenb@assoqh.org or 217-356-3182. 🐾

Ellen Bergfeld

FROM THE PUBLICATIONS DIRECTOR

To begin, I would like to give you an update on our transition to an online submission and review system. As of this writing, we have signed an agreement with ScholarOne, the vendor that will provide the hardware and software for the system, and very soon we will begin the configuration of our online system. The Journal of Animal Science Manuscript Central Web site should be ready to launch by the time of the annual meeting, and representatives of ScholarOne will be on hand in the exhibit area to give demonstrations of the new system. Please take the time to stop by their booth, next to the ADSA-ASAS booth, either Wednesday, July 25 or Thursday, July 26 to see a demonstration of the new system. Soon after the system is launched following the annual meeting, authors will be strongly encouraged to submit their manuscripts electronically. After a grace period, those authors who mail their manuscripts, rather than submitting them online, will be assessed a handling fee. When we begin using this new system it will be very important for purposes of tracking manuscripts and handling reviews that all papers be submitted via the new Web site. We anticipate saving significant time in the review process and associated mailing costs with this new procedure and are excited to be among the increasing number of publishers taking this step toward electronic manuscript submission.

As we near the time of the annual meeting in Indianapolis, I would like to remind symposium chairs and speakers of the procedures we have adopted for handling presenters' manuscripts. As in the past, all papers are due at the time of the meeting and should be delivered to the chair of the symposium, who will relay the manuscripts to headquarters staff, preferably by bringing them to the designated ASAS manuscript drop-box at the registration area. All papers to be published must conform to JAS style and format guidelines and should be accompanied by a manuscript submission form. Instructions for symposium authors are available at the ASAS Web site at <http://www.asas.org/jas/sympauth.htm>. Before the annual meeting we will also post a manuscript submission form specifically for papers from the 2001 meeting. Since last year all symposiac papers have been published online only; the main difference between the way we will publish papers from the 2001 meeting and the way those from 1999 and 2000 were published is that the bulk of the papers will be published online soon after the meeting, following a very light editing and without peer review. For this reason, it is very important that authors follow the posted instructions and conform to the JAS style guidelines. Those papers, no more than two per symposium, that have been designated by the chair as keynote papers will undergo peer review through the ASAS section editors and be published online on a separate Web page.

In a recent meeting of the Publications Committee a new procedure for publishing Rapid Communications papers was established. The current section editor for Rapid Communications, whose term ends August 31, 2001, will not be replaced, and Rapid Communications will no longer appear as a separate section within JAS. Rather, those molecular genetic markers and nucleotide sequence data papers that have heretofore been published as Rapid Communications should be submitted to another section for review. A two-page limit and specialized formatting will no longer apply to these papers, and authors should follow standard JAS style and form guidelines when preparing these manuscripts. There will be no page limit. The revised JAS "Style and Form" will not appear until the January 2002 issue of the journal, but authors and readers of Rapid Communications papers should be alert to this change. Those Rapid Communications papers already in review will be published as usual below the Rapid Communications heading in JAS, but no new manuscripts should be submitted to the Rapid Communications section after August 31. The Publications Committee stresses that these papers are valuable and welcome in the journal and hopes that the abolishment of the limitations previously set for these manuscripts will allow authors more latitude for presenting their findings.

John Edwards

2001 ANNUAL MEETING HIGHLIGHTS

This year's annual meeting is an historical event that will combine the annual meetings of four organizations representing most of the scientists and agriculturalists working with food animals. This meeting is a product of the Federation of Animal Science Societies, FASS. The conference will be held in the Indiana Convention Center and RCA Dome in Indianapolis. This year's meeting will feature over 40 symposia and workshops with a program that will include 863 oral presentations and 944 posters. It is safe to say that every aspect of animal agriculture will be touched upon at this meeting.

The meeting will begin with pre-conference activities including, on Tuesday July 24, the National Extension Workshop. This workshop will discuss numerous topics important to extension, including genetically modified organisms, the economics of the animal protein chain, and other issues. This pre-conference workshop will feature a number of superb nationally and internationally known speakers.

This is also the year for the Triennial Growth Symposium. The title of this symposium is "Current Concepts of Animal Growth X: Metabolic and Cellular Regulation of Protein Deposition."

The Informal Nutrition Conference will be held as a pre-meeting event. The conference title, "Connecting Animal Agriculture Disciplines," indicates that this is a multifaceted symposium, and it should be of interest to many members of the four organizations.

The Indianapolis meeting will feature three major FASS symposia. The Committee on Food Safety, Animal Drugs and Animal Health will sponsor a symposium titled "Biotechnology, Animal Products, and the Food Industry." This symposium will be co-sponsored by the Agriculture Commodity Coalition and the Agricultural Biotechnology Stewardship Technical Committee. The FASS Committee on Environment, Waste Management, and Ecosystems will sponsor a timely symposium titled "Animal Production and the Environment: Challenges and Solutions." This symposium will focus on several issues, including the role of nutrition in environmental issues of ruminant and nonruminant animal production, developing nutrient management plans, and the general challenges to CAFOs/AFOs. A third FASS-sponsored symposium that is being coordinated by the FASS Committee on Animal Care, Use and Standards is titled "Symposium on Concentrated Animal Feeding Operations Regarding Animal Behavior, Care, and Well-Being." This symposium is co-sponsored by the Joint ASAS/ADSA Committee on Animal Health and Well-Being. The symposium will cover topics from physiological indicators of stress to public perception of current livestock and poultry production.

All of us face various activist groups today. This joint meeting will also include a symposium given by professionals dealing with activism, the McCormick Company of Kansas City, MO. The symposium will look at critical consumer, activist, and regulatory communications issues surrounding animal agriculture: "Is Science Enough? Lessons Learned from an Activist's World."

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Today, more than ever before, animal agriculture is global and there is a need to focus on international training for animal science students. The Teaching Coordinating Committee will sponsor a workshop that will deal with international issues in the animal science curricula: "Developing and Sustaining International Agriculture Experiences in Animal Science Curricula."

Each year animal science departments become more diverse as faculty try to meet the needs of the public being served. Companion animals have become more important in animal science, and this year's meeting will present a symposium focusing on this aspect of animal science: "Companion Animal Biology as a Focal Point in the Animal Sciences."

Animal agriculture is becoming consumer-driven rather than production-driven, and several symposia will deal with the quality and safety of animal products. These symposia will cover such topics as the genetic improvement of meat quality, animal products in today's diet, the safety of our meat supply, the role of forages in quality and safety of meat and milk, and metabolic factors affecting pork quality.

Graduate students, in particular, will be interested in a Teaching Committee Workshop: "Writing, Presenting, and Publishing Scientific Papers: A Course They Don't Teach in Graduate School."

The Indianapolis joint meeting will be packed with significant information for all the disciplines in animal science. All of the ASAS/ADSA joint committees, established last year, have participated in developing the program. The four organizations and the FASS Coordinating Committee are continuing to work diligently to make this a great scientific meeting. Although every attempt has been made to make this a joint meeting, each organization has retained some autonomy, and members of each society will feel comfortable as they attend the many sessions.

FASS DEVELOPS FARM ANIMAL WORKER TRAINING PROGRAM

The Federation of Animal Science Societies (FASS) has created a two-VHS cassette video package to accompany the first revised edition of the *Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching* (Ag Guide), which was published in 1999. The package is marketed as the Farm Animal Worker Training Program.

As part of a national training program, the introductory two-tape video product, *Introduction to the Ag Guide*, will be packaged with a copy of the *Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching*, a CD-ROM of the *Guide*, and a set of examination questions developed for testing viewers of the educational materials.

FASS and the American Registry of Professional Animal Scientists (ARPAS) plan to promote this program to agricultural animal users in research and teaching universities, government laboratories, and industry. The complete package is priced at \$500; certification exams will be scheduled by ARPAS.

The committee will also be developing species-specific educational materials for distribution throughout 2001 and 2002.

"*The Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching* (FASS 1999) is recognized by AAALAC as an official 'Reference Resource' and as such is used as a standard of quality animal care in its evaluations of animals in agricultural settings. Standards, such as the Ag Guide, developed by the scientific community, are invaluable aids to AAALAC in its mission to promote scientific validity and ensure animal well-being," states Kathryn Bane, associate director of the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC).

For more information, contact Barbara P. Glenn, Executive Vice President-Scientific Liaison, FASS, 9650 Rockville Pike, Bethesda, MD 20814; (301) 571-1875; fax (301) 571-1837; or access the FASS Web site at <http://www.fass.org/>.

FARM ANIMAL CARE WORKER EDUCATION AND CERTIFICATION: A FASS-ARPAS ALLIANCE

ARPAS has joined forces with FASS to satisfy a need and capture an opportunity for enhanced service to institutions, companies, and others using agricultural animals for agricultural research. These organizations were well positioned to make this advancement because of the established certification process (examination, CEU, code of ethics) of ARPAS and the leadership the societies have given to the *Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching* (FASS, First Revised Edition 1999), commonly known as the "Ag Guide." As indicated in the previous article, FASS provides the educational component and ARPAS will do the examination and certification.

Research and teaching institutions are generally required to meet training requirements for animal care workers by their local institutional animal care and use committee (IACUC). Although formal certification and training programs exist for animal caretakers in *laboratory* animal facilities (American Association of Laboratory Animal Science, AALAS), there is no formal certification program for *agricultural* animal caretakers in the United States. Institutions using agricultural animals in *agriculturally oriented* research and teaching must generate their own training programs. Clearly, a need exists to develop formal training and certification programs for agricultural animal caretakers that will meet these broader needs.

The FASS Committee on Animal Care, Use, and Standards has created a two-VHS cassette video package that is to be used in conjunction with the Ag Guide for phase one of the training program. Additional training videos for each animal species will be produced by FASS over the next year and a half. Thus, materials will be available so that a farm animal care worker can become certified in one or more species, depending on each local need and situation.

Categories for the initial certification program will be developed by the ARPAS Animal Care Certification Committee. One possibility is to mirror the program of AALAS for laboratory animal caretaker certification for the assistant, intermediate, and management levels. Each level will require application for, and completion of, a pre-examination training program and passing an ARPAS examination for that

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level. Examinations will be administered by ARPAS at designated locations, perhaps at land-grant and similar institutions in each state.

The maintenance of certification level will be similar to other ARPAS certification programs. Each certification level will require a minimum amount of hours of continuing education units (CEU) be completed each year. The CEU can be met through Web-based training programs, local or regional meetings, or on-site training.

RELATION TO INSTITUTIONAL ANIMAL CARE AND USE COMMITTEES (IACUC) AND TO ACCREDITATION

The FASS "Ag Guide" is recognized by the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) as an official "Reference Resource" and as such is used as a standard of quality animal care in its evaluations of animal care in agricultural settings. Some universities and companies are pursuing AAALAC accreditation of all their facilities, whereas others are excluding their farm animal units from accreditation because farm animal research and teaching is excluded under the Animal Welfare Act. In either case the new FASS-ARPAS education and certification program can be very helpful by providing a credible training and certification program for caretakers of farm animals in the agricultural research setting.

A formal agricultural animal care worker training and certification program will provide universities and other organizations with the opportunity to use a "turn-key" type of professional training program (FASS) and to certify through ARPAS that the worker has a known level of competency (for those choosing to be certified). This should satisfy entities such as AAALAC or local IACUC expectations of required training. Certification of agricultural animal caretakers will provide recognition of quality training and achievement. Institutions may hire agricultural animal workers based on certification credentials and experience while meeting required training mandates of funding institutions.

FOR MORE INFORMATION

Janice Swanson, Kansas State University, is organizing the ARPAS Animal Care Certification Committee. Information can be provided by Bill Baumgardt, Executive Vice President, ARPAS, 1111 North Dunlap Avenue, Savoy, IL 61874; 217-356-3182; E-mail: bbaum@gte.net. Information will be added to the ARPAS Web site, <http://www.arpas.org>. At FASS, contact Barbara Glenn, Executive Vice President-Scientific Liaison, FASS, 9650 Rockville Pike, Bethesda, MD 20814; 301-571-1875; or access the FASS Web site at <http://www.fass.org/>.

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. Twenty 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. Jeff Armstrong, Purdue University; Dr Roy Ax, University of Arizona; Dr. Larry Benyshek, University of Georgia; Dr. Maynard Hogberg, Michigan State University; and Dr. Jim Males, Oregon State University.

These All American Awards were presented at the North American International Livestock Show. The awards were sponsored by American Live Stock Insurance Company, Geneva, IL. The ten members of the All American Team had an average university GPA of 3.43. An activity summary of the All American Team is as follows.

Nick Berry is a student at Iowa State University, where he co-chaired the Cyclone Classic in 1999 and 2000, was on the Spring Barrow Show Committee in 1998, and worked at the ISU sheep farm. He was the Iowa Junior Suffolk Association Secretary in 1998 and 1999 and was a National Youth Congress Delegate in 1996.

Dustin Ford is a student at Iowa State University, where he is Executive President of the ISU Block and Bridle Club. He was also on the ISU Collegiate Meats Judging Team in 1999 and the Homecoming Central Committee in 1998. He was a summer intern with Elanco Animal Health in 2000 and was a National Youth Congress Delegate in 1996.

Clinton Schwab is a student at Colorado State University, where he works at the CSU Agriculture Research, Development, and Education Center as assistant herdsman. He has been a 4-H County Council President, has been the Prowers County Representative on the 4-H Foundation Board of Directors, and was a candidate for the American Royal Association Student Ambassador Program.

Kathrin Dunlap is a student at Oregon State University, where she is participating in the NASA McNair Scholar's program, the Animal Sciences Endocrinology Club, is a Research Fellow of the Howard Hughes Medical Institute, and was a presenter at the 2000 meeting of the Society for the Study of Reproduction. She has co-authored an article with Dr. Fred Stormshak titled "Nongenomic Inhibition of Oxytocin Binding by Progesterone in Ovine Uterus." She is also a past state FFA officer.

Collin Osbourn is a student at Texas A & M, where he assists with graduate student research projects under the direction of Dr. Jeff Savell. He was an intern this summer with Jordan Livestock Auction.

Sara Wilson is a student at Oregon State University, where she is currently an Ambassador for Agriculture for the College of Agricultural Sciences and a member of the University Honors Society. She has been an intern with Willamette Vineyards and the Natural Resource Conservation Service. She hopes to work in the public affairs/education sector of agriculture and work for the United States Department of Agriculture.

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John Relvas is a student at Cal Poly - San Luis Obispo, where he is in the Cal Poly Ag Business Management Club and the Young Farmers and Ranchers. He was a student for the Modesto Junior College Swine Unit. John worked for Morning Star Packing Company as an intern. He would eventually like to own and operate a walnut or almond orchard as well as continuing a small swine operation.

Megan Wheaton is a student at Michigan State. She has been a counselor at the Ohio Club Lamb Association Lamb Camp and has been on the Michigan State Fair Junior Fair Board. She has interned with United Agri Products and the Michigan Dairy Herd Improvement Association and has been an Executive Assistant for the Michigan Cattleman's Association. She has participated in a three-week international study abroad program working with agricultural systems in Scotland and England.

Clayton LeCompte is a student at Kansas State University. She has participated on the Academic Quadrathlon Team, has been a livestock camp leader for Kansas State, and has been a Clarendon College Student Ambassador. She has participated in the International Livestock Contest in Scotland. She hopes to eventually earn a Ph.D. in swine reproduction.

Pat Wall is a student at Iowa State University. Pat has been an intern at Pfister Hybrid Corn Co. and Denzer Custom Carcass Evaluation Co. Pat's goal is to return to Illinois and become an instructor of animal science at a community college. Pat was named Outstanding Ag Transfer Student at Black Hawk College and is a member of the Iowa State Honor's Society.

COLLEGIATE LIVESTOCK LEADERSHIP INSTITUTE

The Collegiate Livestock Leadership Institute (CLLI) was initiated in 2000 as a collaboration between ASAS, National Block and Bridle Club, NCBA, and the home institutions of the 10 undergraduate students who have been selected to attend the institute. The CLLI is a unique opportunity for outstanding young people to interact with leading scientists and innovators within the beef industry. The program's goal is to develop leaders for the livestock industry who understand how to use science to improve animal agriculture through providing an integrated overview of science applications in the beef industry. The program allows for exposure to new and different perspectives on various issues, and students will interact with thought leaders during both the ASAS annual meeting and the NCBA summer conference.

Students will arrive at the ASAS/ADSA/PSA/AMSA annual meeting on Tuesday afternoon and will be present at the opening session. Scheduled for Wednesday is participation in general meetings, followed by a special initiation dinner. Thursday will involve primarily a special session for CLLI participants, and Friday the CLLI participants will meet with the ASAS board. As part of the program, students will be traveling to Denver in early August for the purpose of participating in NCBA's Summer Conference.

This year's participants include the following students: T. J. Barclay, West Texas A&M University; Rene Brewer, CalPoly at San Luis Obispo; Nicole Harris, Kansas State University; Carol Hicks, University of Georgia; Nate Jaeger, Texas A&M University; Natalie Lanneck, University of Florida; Kristina Seybold, University of Minnesota; Lori Thompson, University of Missouri; Nick Thompson, Michigan State University; and Scott Updike, Virginia Tech University.

ASAS FOUNDATION UPDATE

Two members of the ASAS Foundation Appreciation Club program have moved forward to the first stage of Full Charter status. Colleagues of Allen Tucker and Bob Zimbelman have contributed the required \$12,500 to establish ASAS Foundation Appreciation Charter Clubs in recognition of Tuck's and Bob's extensive contributions to animal science. The ASAS Foundation trustees *congratulate* Drs. Tucker and Zimbelman for being honored through these appreciation clubs, and we *thank* all who contributed to the success of these clubs. We encourage continued efforts to achieve complete funding of Tuck's and Bob's charter clubs at the \$25,000 level. The ASAS Foundation Appreciation Club is an excellent opportunity to honor colleagues who have made significant contributions to ASAS through their research, teaching, and extension efforts. We encourage each of you to identify colleagues whom you are willing to honor through an appreciation club.

The ASAS Foundation fund continues to grow slowly through individual contributions, appreciation clubs, Elanco and Alpharma sponsorships, the Past Presidents' Pool, and investment interest. The Foundation trustees are very appreciative of each contribution toward the foundation. The ASAS/ADSA Foundation boards collaborated to support the development of the Dairy and Animal Science Electronic Executive Summaries (DASEES), a program implemented through headquarters to provide timely information in summary fashion. Please see Ellen's article for more information on DASEES. Previous newsletters indicated that the ASAS Foundation trustees are considering a membership contribution campaign as another means to increase the financial strength of ASAS; we continue to discuss this possibility but have not made a decision. Each of us is encouraged to determine whether the ASAS Foundation can be incorporated into our financial planning relative to contributions on a continuing basis.

Please remember that the ASAS Foundation exists to increase the financial security of ASAS. The ASAS Board of Directors is the guiding body for identifying how funds are to be used in support of ASAS activities. Please help the ASAS Foundation to strengthen the financial security of ASAS through your ideas, advice, and concerns. Please communicate to any of the Foundation trustees or to Ellen Bergfeld or me via E-mail, an easy means, or via letter, telephone, or conversation. 🐮

Jim Lauderdale
Chair, ASAS Foundation

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FOUNDATION TREASURER'S REPORT

As you know, 2000 was a rather volatile year for investments. However, the ASAS Foundation has weathered the storm well. The December 30, 2000, balance was \$233,194.04.

PAST PRESIDENTS' POOL

The year-end balance of the Past Presidents' Pool was \$28,283.00, with a total gift increase for 2000 of \$4,733.00.

APPRECIATION CLUBS

Two Appreciation Clubs have been established, in honor of Drs. Robert G. Zimbelman and H. Allen Tucker. Both clubs have attained "chartered" status, meaning that they have surpassed the half-way point to full funding of \$25,000. If you would like to contribute to either of these clubs please use the form found on our Web site at <http://www.asas.org/foundation.html>. If you would like additional information regarding forming a new Appreciation Club, please contact Ellen Bergfeld at (217) 356-2426 x16 or ellenb@assoqh.org.

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Jane A. Z. Leedle
Lyle W. Lomas
Robert C. McDaniel
Robert R. Peters
Edward D. Plotka
Chad R. Risley
Joseph W. Rust
Lewis W. Smith
John N. Stellflug
Robert M. Tait
J. William Thomas
Robert W. Touchberry
Gabriella A. Varga
Richard L. Vetter
Richard C. Wahlstrom
Richard G. Warner

ASAS New Members, September 1, 2000, Through March 31, 2001

Corporate Sustaining

Dewey G. Barnes
PCS, Inc.

Individual Sustaining

Sungchul C. Bai

Professional

M. W. Alison
Darrell D. Anderson
Malcolm Ballard
Ricardo Barcena-Gama

Dan Barnes
John Bauerle
Craig Beattie
Carol Beland
Trish J. Berger
Mark W. Bienhoff
Stephen C. Bishop
Mike Blair
Arturo G. Borbolla
Onno Breitsma
Gary J. Burtle
David Cadogan
Rodney Caliman
Andrew Canvin

Linda P. Case
Keejong Chang
Miki Cici
Fernando Cisneros-Gonzalez
James A. Coalson
Osvaldo Cortamira
Andrea S. Cupp
Bishnu Hari Devkota
Dennis Dieterich
Ottmar Distl
Dale C. Downs
Larry Dunn
E. Dinand Ekkel
Dave Ellis

Reed Ethington
David E. Evans
Tom Fangman
Gustavo D. Fernandez
Karol E. Fike
Marv Fisher
Mary Fuller
Antonio Giacosa
Andrew Giesen
Trent Gilbery
Richard G. Godbee
Kyla J. Goodson
Tihomir Gorsa
Amanda K. Gralapp

Continued on next page

Joan Grav
Arnoud Hameleers
Bruce Hamilton
Keith D. Haydon
Becca Hendricks
Kern S. Hendrix
Jim Henry
Roger A. High
Tony Hoey
Gary B. Holcomb
Geert P.J. Janssens
Daniel Jergenson
Charles Johnston
Kanthasamy Karunanandaa
John Killefer
Harold King
Mike King
Mark J. Klemesrud
John A. Knesel
Daniel M. Kniffen
Jon K. Knochenmus
Gerry L. Kuhl
Tomas Landete-Castillejos
David E. Laurin
Julie Lewis
Gordon H. Luikart
Janet M. Lynch
Bruce W. Martin
Amalia Martinez-Avalos
Rob McCoy
Mark McGee
Todd McGraw
Denny McKilligan
Jonalee A. Meyer
Daniel N. Miller
Martin F. Montano
Randall S. Murray
Tridjoko Wisnu Murti
Venerand Nayigihugu
Carl W. Neifert
Kenneth R. Nygard
No H. Park
Adam Albert Paszek
Francisco Pena
Gerardo Penlava
Katherine H. Petersson
E. Ernest M. Pierson
Wayne S. Pitchford
Fernando X. Plata Perez
Mark Plunkett
Ilpo J. Polonen
Thomas C. Pope
Todd Pritchard
Jin Qian
Nancy Raney
Charlotte Rehfeldt
Tony Rossman
Laura J. Rowe
Clinton P. Rusk
Patricia Ryan
Janeen L. Salak-Johnson
William K. Sanchez
José Eduardo P. Santos
Bruce Schumann
Phillip L. Senger
William M. Seymour
Ken Simpson
Swarnjit Singh
Sarah M. Smith
Sam-Kyu Son

Wendy S. Soucie
Calamanti Stefano
Darrell Stoner
Hermilo Suarez
Jorgen Svendsen
P. Matthew Swantek
Lauren Sweet
Charles W. Talbott
Benedict I. Umoh
Roger L. Vallejo
Fernando Vazquez
Juan B. Velasquez-Pereira
Robert J. Vickers
John L. Vignes
Karen A. Vines
Ken Wang
Michelle Watts
Stephen M. Webb
John S. Weber
William P. Weiss
Katherine P. Weld
Macdonald Wick
Robert Williams
Tracy A. Williams
Milo C. Wiltbank
John Wolf
Lee G. Wood
Craig Wyatt
Yiquiang Xiong
A. W. Young
James A. Zahn
Sara Zenger

Postdoctoral

Yaovi Remi Agbossamey
Burim N. Ametaj
Joseph A. Daniel
Ignacio Fernandez-Figares
Elizabeth A. Flickinger
Rafael Freire
Sanjay B. Jadhao
Paul E. Kendall
Jeremy N. Marchant
Tim Roughsedge
Hauke Thomsen
Mika J. Tuomola

Graduate Students

Leandro O. Abdelhadi
Jorge H. Agudelo
Marcelino Jorge Aranibar
Amanda A. Arata-Surman
Bradley A. Autrey
Jonathan Bader
Amber Barham
Kenny E. Barrett, Jr.
Harry Bartel
Amy B. Batal
Robert Bellin
Donald Bend
Teresinha M. Bertol
Rahul Bhosle
Sara S. Blodgett
Courtney A. Boren
Kirk W. Braden
Barry J. Bradford
Ben Brooks
Cristy G. Brown

Shawn L. Campbell
William T. Campbell
Edward J. Cargill
Francisco O. Carrete-Carreón
Prasanth Chelikani
Ya Hsin Cheng
Yuching Chiang
Jason J. Cleere
David D. Clevenger
Brendan P. Corrigan
Grant I. Crawford
Patti Cullen
Ted Cunningham
Jill A. Davidson
Jesse R. Davis
Kathy J. Davis
Jacob M. DeDecker
Jamie L. Dodge
Darin R. Doerscher
Andres E. Ducoing
Douglas R. Eborn
Veronica Edirveerasingam
Jeffery Escobar
Terence C. Farrell
Russell Fent
Yussef Galib-Frangie
Matthew D. Garcia
Margaret H. Gillis
Aaron C. Grant
M. P. Green
Ulku Gursoy
Charles H. Halsey
Rachel Hamilton
Sayun Hannarong
Kimberly M. Hargrave
William M. Harper, Jr.
Joe R. Hermann
Cory Herr
Anders Gustav Hogberg
Justin W. Holl
Amelia Hopkin
Carla E. Hopkins
Mindy Hubert
Phillip W. Huff
Carolyn E. Huntington
Ignacio R. Ipharraguerre
John R. Jaeger
Nicole A. Janovick
Hector Jimenez-Severiano
James Johanson
Dean J. Kobs
Molly J. Kostenbauder
Adrienne B. Kurtz
Mariela Lamothe
Tammi Lawler
Adena L. Lawrence-Therrien
Ho-Sup Lee
Seung Cheol Lee
Brandon M. Lenenski
Michael L. Linville
Gary Lowe
Tim Loy
Carlos P. Machado
Michael Madron
Rodger Main
Massoud Malek
Rabiou Manzo
Doug Mashek
Matthew P. McCurdy
Tara G. McDanel

Raymond A. McDonald
Matthew L. McMillan
Laura L. Melton
Matthew J. Meyer
Susan Noftsger
Jana L. Norman
Ryan S. Ordway
Guillermo Ortiz-Colon
Akin Pala
Sukru Metin Pancarci
Traci A. Patnode
William J. Platter
German E. Portillo
Jackie Potts
Rebon B. Pugh
James Matt Reeves
Justin D. Rhinehart
Rocio M. Rivera
Catherine A. Rogers
Jaime R. Sackmann
Robyn L. Sapp
Guillermo Scaglia
Ty Schmidt
Stephanie Seiler
Crystal B. Sellars
Jason R. Sewell
Tyson R. Shirley
Jonathan J. Simon
Peggy R. Simpson
William B. Staniar
Rudy Steiner
Jason Stockstill
Richard G. Tait, Jr.
Efrain Valenzuela
Kyle Vander Pol
Londa S. VanderWal
Kimberly C. Vanstaalduinen
Edmundo Rocha Vilela
Justin L. Voge
Matthew R. Waldron
Diana Walker
Matt Webster
Stephanie Wesolowski
James Jason Williams
Sabrina Williams
Kenneth Wilson
Brandy D. Wingo
Musa Yavuz
Granfeng Yi
Malachy Gabriel Young

Undergraduate Students

Ryan N. Dilger
Peter J. Greathouse
Jeremy L. McGill