ADSA®-ASAS Joint Annual Meeting
Program Committee Report

The 2008 ADSA-ASAS Joint Annual Meeting has an exciting program developing, so mark your calendars now! The meeting will be held July 7-11 in Indianapolis, Indiana (note the Monday start rather than Sunday). The opening session will be held Monday evening (July 7). Sessions will commence on Tuesday, July 8, and run through Friday, July 11. The Triennial Lactation Symposium will be held in conjunction with the Lactation Biology Symposium on Friday, July 11 (all day). Individual program committees have worked very hard to provide a contemporary program. Program highlights include a broad array of symposia that will address issues of immediate application in the animal industries as well as fundamental topics that fuel advancement of scientific understanding and development of procedures and tools to serve the animal sciences. Please continue to visit the 2008 Joint Annual Meeting web page (http://adsa.asas.org/meetings/2008/) for updates and new developments regarding program details and meeting registration.

The centennial of ASAS is a major focus of this year’s meeting. Many of the program committees have invited centennial speakers to address how ASAS members have developed scientific understanding and application to advance the mission of ASAS: “To discover, disseminate and apply knowledge for sustainable use of animals for food and other human needs.” Centennial speakers will also take a purposeful look at the future role of ASAS members in the advancement of this mission.

Sessions of interest to ADSA members will include a number of excellent symposia ranging from “Probiotics in Dairy Products” to “Genome Wide Selection” and featuring the Production Division symposium, “Raising Dairy Replacements,” on Thursday afternoon. These will be supported by many sessions of contributed abstracts covering a broad spectrum of research of current interest. Major highlights to put on your calendar are the MS and PhD oral and poster contest sessions that recognize and support great student contributions to ADSA and our industry. The undergraduate dairy presentations in production, processing, and original research in the Student Affiliate Division and the ever-popular Quiz Bowl competition provide us an opportunity to interact with the future leaders of our industry and association.

The overall planning committee recognizes the considerable effort required of each individual program committee and would like to thank those members who have worked so diligently to contribute to the 2008 Joint Annual Meeting. Serving ASAS and ADSA in this way is very rewarding. If you are interested in participating on a program committee for future meetings or if you would like to nominate a colleague, you can do so online for ASAS (http://www.asas.org/nomrequests.asp). ADSA members should contact Cara Tharp (carat@assochq.org).

Ladies and gentlemen, start your engines and see you in Indy this summer!
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At the recommendation of an ad hoc committee of previous and current program chairs of the joint meetings, the boards of ADSA and ASAS have approved the addition of a session reserved for oral presentations of the latest of cutting-edge research topics. Posters from these presentations will also be required for display during the remainder of the meeting. In 2008, this session will include up to 8 abstracts (presentation and questions limited to 15 minutes). This session is to include the most recent findings of important and timely research and is scheduled for 3:00 to 5:00 pm before the opening session on Monday, July 7. This session is scheduled early in the program to allow networking with the scientists presenting these papers and to avoid subject conflicts with the subject-matter sessions that follow.

These abstracts can be submitted on the usual submission web site online between May 1 and midnight Wednesday, May 28. The submission must include a justification (<100 words) of why it should be included, in addition to the normal abstract. Authors of the abstracts will be notified if the abstract is accepted or not prior to June 12.

The abstracts (and justifications) will be evaluated by a program committee made up of ADSA and ASAS members, and eight abstracts will be chosen to be included. The quality of the research methods, the importance to the field, the uniqueness and timeliness of the research, and the rationale for it being selected will be included in the evaluation. Progress reports of incomplete research will not be accepted. The decisions of the committee will be final.

Plan to participate in this exciting new program by submitting an abstract or attending the session!

This summer marks the 15th and final ADSA Foundation auction. We would like to invite you to be a part of this historical event by donating items.

Items we are seeking include but aren’t limited to:
- Dairy antiques and primitives
- Industry and university memorabilia
- Collectibles and works of art
- Unique or one-of-a-kind items
- Use of vacation time shares, event tickets, etc.

The 2008 event will be held on Wednesday, July 9, during the joint annual meeting in Indianapolis, Indiana, at the Indianapolis Marriott Downtown, 350 West Maryland Street.

Also that evening, the Foundation and ADSA Boards will be honoring those who have supported the auction through the years as donors, buyers, and committee members. Please join us for this recognition, which will be held at the close of the ADSA Awards Program on Wednesday evening, immediately before the start of the auction.

In the auction’s 15 years, the ADSA membership has worked with the Foundation Auction committee to collectively raise well over $100,000 to support the activities of the ADSA Foundation. These activities include scholarship programs to support students of dairy science and a young scholar program that rewards young scientists for their aggressive and innovative research efforts. The Foundation also underwrites the Discover Conference Series, which brings together individuals with diverse backgrounds and talents to work toward better understanding of issues related to animal agriculture and, more globally, a viable food product to feed the world.

To donate an item to this final event, go to http://www.adsa.org/foundation.asp. We hope you will join us by being a part of this 15th and final auction event.
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Dairy News Spring 2008
I am happy to report that 2007 was another year of great accomplishment for ADSA, by many different measures. Our achievements came in the face of the unrelenting pace of change, a real testament to the dedication of the many volunteer leaders throughout our organization, together with the support of our excellent staff. Thank you, all, for what you do individually and together to create real value for ADSA members, our sponsors, and the dairy industry around the world.

Our core product, the *Journal of Dairy Science*®, has reached the pinnacle of the 44 journals in the category of agriculture, dairy and animal science. As many of you know, JDS was rated as the top-ranked general dairy research journal in the agriculture, dairy, and animal science category by impact factor for 2006 by ISI. Then, ADSA learned that *Eigenfactor* (www.eigenfactor.org) has rated JDS number one in the category of agriculture, dairy, and animal science in terms of cost effectiveness, which reflects impact factor and subscription rate. This truly remarkable achievement was made possible through the efforts of our editor-in-chief, Gary Rogers, and his supremely qualified team of section editors, senior editors, and editorial board. Please be sure to read Gary’s report [page 7] in this newsletter to fully appreciate the scope and depth of the work and enormity of the time commitment that makes it all possible.

The joint annual meeting in San Antonio set numerous records, from symposia, oral, and poster board sessions, to sponsorship, exhibits, and attendees. Delivering a world-class, one-stop, comprehensive educational offering of this depth and breadth doesn’t just happen. It comes from countless volunteer hours (and personal sacrifices), a dedicated staff, and the loyal support of our members, of every type. On the subject of the joint annual meeting, please note that this year, professional members can receive a $25 discount if they register online.

S-PAC continues to grow, both in conferences and proceedings, and, as a direct result, in value. If you’ve never tried S-PAC, you can do so at no risk by taking advantage of the *Five Days for $5* offer (http://spac.adsa.org). We all know how competitive life has become. For professional members, the $75 full-year subscription will provide a cost-effective way for you to provide answers on the spot—something your colleagues could never hope to match without access to this uniquely powerful tool. For the $5 subscription fee, students can’t afford not to subscribe! Last, all ADSA members can now search the 1998-2007 joint annual meeting abstracts through S-PAC at no charge.

Discover Conferences (http://www.adsa.org/discoveri) have not missed a beat in delivering value as Bill Baumgardt, who founded this conference series ten years and twelve conferences ago, handed over the reins to Larry Miller. Discover 13: *Sow Productive Lifetime* was a
great success, Discover 14: Lipids for Dairy Cattle: Today’s Issues, Tomorrow’s Challenges is on track to be highly successful, and Discover 15: Biology of the Calf: Birth to 4 Months is well into the planning stages. Thank you, Bill, for your sustained contribution to ADSA and the ADSA Foundation. As for Larry, we’re glad we met ya! Please take a moment to read about upcoming Discover conferences in this newsletter [page 12].

All of the successes described above come together in our financial results. While we have yet to undergo our independent annual audit, preliminary results for 2007 are solidly in the black, and this performance further strengthens our already enviable balance sheet. The board is in the process of studying a proposal that will utilize a significant portion of our fund balance to benefit member-authors, and, therefore, all members of ADSA. Financial results will be shared with the members at the Annual Business Meeting in Indianapolis this July.

To cultivate and support our leaders, so vital to our continued success, the board hosted the first-ever leadership development seminar in Indianapolis in conjunction with the mid-year meeting. The objective was to foster general leadership skills that could be utilized within ADSA and taken back to the workplace, to the benefit of employers, institutions, and the dairy industry. The board and two representatives from each ADSA division, including SAD, participated. We had perfect attendance, value was derived, and we all had a chance to get to know each other better over the dinner that followed.

Progress on the 2006 Strategic Plan continues. The board is looking at a new member subscription type that targets members of kindred organizations around the world that would not be likely to attend the joint annual meeting due to travel time or budget. The objective is to build an even larger community of interest, while simultaneously leveraging ADSA's substantial and valuable intellectual capital to enhance revenues. Other key initiatives include structuring our fund balance to benefit our members, mentioned above, engaging specialized marketing consultants to optimize JDS revenue, and partnering with DAIRexNET to reach farmers and provide articles in Spanish. ADSA members play key roles in the operation of DAIRexNET [page 9]. Be sure to attend the Town Hall meeting this July in Indianapolis for a comprehensive report from the directors in charge of the core strategies.

Thank you for the privilege of leading this vibrant society of committed members whose collective work makes the world a better place. I look forward to seeing you in Indianapolis this summer!

MaryAnne Drake
ADSA President
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2008 ADSA Corporate Sustaining Members

This past year has been an outstanding year for the *Journal of Dairy Science*® (JDS). The authors, editors, and staff that work on JDS have had a very busy year as JDS continues to be extremely active. In 2007, JDS published 619 articles and over 5,800 pages. These were both new records for JDS, and 2007 was the fifth year in a row in which JDS has published more than 4,000 pages.

Authors are still submitting papers at a very high rate and JDS has already published over 1,700 pages through the April 2008 issue. We appear to be moving along at another excellent pace; however, total papers and pages published in 2008 will likely be somewhat lower than what was published in the 2007 record year. From January 1 through early March 2008, JDS has received over 200 new manuscripts as well as more than 200 revised manuscripts. It is a very exciting time to be associated with JDS but it is also an extremely busy time for those that work on the journal. The effort from the editors, reviewers, and the FASS staff is tremendous. Please make sure that you let the FASS staff and all the editors know that you appreciate their work when you get a chance. A positive comment can enhance the enthusiasm of the volunteers as well as the FASS staff. The FASS staff members that work on JDS are all very dedicated and efficient—they are the machinery that makes our outstanding publication move through the publication process with little worry from us ADSA members. As you may know, many (probably most) senior editors and section editors spend at least 20% of their professional time working on JDS. The largest portion of this time is spent reading manuscripts and sorting through recommendations from reviewers. These editors have big jobs to do for JDS.

The ADSA annual meeting (joint with ASAS) will be held in Indianapolis, Indiana, in early July this year and I hope that if you have anything to do with JDS, you will make a strong effort to attend the annual meeting. If you are an author, the annual meeting is a great place to keep up with the latest research work and it is a great place to provide feedback to those of us involved with JDS. If you are on the editorial board, we hope that you will be able to attend the editorial board breakfast that will be held at the annual meeting.

The *Journal of Dairy Science* Editorial Report for 2007 was published in the April 2008 issue of the journal and it reflects the outstanding year for JDS. I invite you to read the entire 2007 Editorial Report for all the details. In the most recent rating, the impact factor (from the Institute for Scientific Information) for JDS was 2.24, making JDS the top-ranked general dairy research journal in the category of agriculture, dairy and animal science.

This past fall saw some editor changes at JDS. Geoff Dahl from the University of Florida, Bhushan Jayarao from Penn State University, Sergio Calsamiglia from Spain, John McNamara from Washington State University, and Rafael Jimenez-Flores from Cal Poly joined the group of section editors. Lorraine Sordillo, Dave Schingoethe, and Zey Ustunol retired from their senior or section editor duties at the end of 2007.

Two important decisions from this past year that will impact JDS into the future are the elimination of the special Symposium issue of JDS and the development of the policy for Open Access. Pete Hansen will serve as the “Invited Review” editor and JDS has invited (authors have
accepted) 9 reviews during the last 8 months. We hope to invite a few more during the next few months with a target of 10 to 12 invited papers per year. Also, we published our first Open Access paper in 2007.

It has been a great year for JDS and we hope to continue the success of the journal into the future. If you have any comments about JDS please do not hesitate to communicate with me or with one of the editors. Also, the members of the Journal Management Committee (Rafael Jimenez-Flores, John Lucey, John Bernard, and Jesse Goff) would be happy to listen to any concerns or comments that you have.

Gary W. Rogers
JDS Editor-in-Chief
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And at the joint annual meeting…
• one complimentary registration
• exhibit booth discount
• recognition in ADSA/ASAS membership booth

Corporate Sponsor Recognition includes a listing on ADSA’s web site, with a link to your home page • your company’s name on the back cover of the Journal of Dairy Science — that’s twelve premium exposures per year! • your company’s name on the Journal of Dairy Science web site (About the Journal) • your company’s name in the joint annual meeting program book.

ASAS Centennial Celebration—Don’t Miss the Party!

Plan now for the special events and activities scheduled during the ASAS Centennial Celebration in Indy! The celebration begins Monday at 7:00 pm with a video production describing the first 100 years of ASAS and a free concert by the nationally recognized Bellamy Brothers. A reception following the concert is a great time to socialize and to pick up your complimentary copy of the 100-page coffee table history of ASAS as a memento of our celebration (available to everyone who attends the 2008 Joint Annual Meeting). Tradeshow activities will include university displays tracing 100 years of change in addition to similar exhibits from our many industry partners. During the meetings you will hear more than thirty Centennial Papers that review the scientific discoveries of ASAS members and provide a look to our future. The Centennial Celebration will be a meeting to remember, so don’t be late for the concert!
DAIReXNET
National dairy web resource bringing science-based, peer-reviewed materials to our industry

What is DAIReXNET?

DAIReXNET is a national, extension-driven web resource designed to meet the educational and decision-making needs of dairy producers, allied industry partners, extension educators, dairy undergraduates, and consumers. DAIReXNET was launched in October 2007 in connection with the World Dairy Expo in Madison, Wisconsin. This national web resource was developed using the latest in Web 2.0 technologies as a part of the eXtension effort and is continuously evolving to include new cutting-edge materials and new and different web-based learning opportunities. DAIReXNET represents what is possible when we work together on a national basis to provide educational opportunities to our end users—dairy producers, allied industry partners, undergraduate students, youth, educational educators, and consumers. We want to thank ADSA for partnering with us to deliver these materials.

Goals for DAIReXNET:

• To provide relevant, cutting-edge information and learning opportunities that are science-based and peer-reviewed

• To develop education materials and learning opportunities that address the needs of all segments of the dairy industry

• To create collaboration among dairy industry professionals resulting in a resource that provides valuable and valued educational materials benefiting the user

• To be a resource that responds promptly to requests for new information from the dairy industry and to changes in the industry.

Key DAIReXNET Resources:

• Answers to frequently asked questions (FAQs) and user-submitted queries on various aspects of dairy cattle production.

• Access to top experts in the dairy profession when answers are not available in the FAQs or resource material.

• Resources of current in-depth, peer-reviewed articles covering various topics in dairy production. Currently, resources are provided in the areas of business management and farm labor, calf and heifer management, facilities, food safety, genetics, health and diseases, mastitis and milking management, milk marketing, nutrient management, nutrition of milking and dry cows, organic dairy production, and reproduction. Several of these materials are available in Spanish for Spanish-speaking farm workers.
• **State-Specific News and Articles in Searchable Newsletters** from all available states, the latest news releases and highlighted news stories from across the country.

• **Links** to land-grant supported web sites that pertain to the dairy industry.

• **Consumer Information** that includes reviewed consumer links about the dairy industry and its products.

• **Plans for the Future**: Longer term, DAIReXNET will also provide spreadsheets, calculators, decision-making tools, webinar meetings, and online learning modules.

**How to contribute materials or suggestions**: Leadership for these resources currently is provided by 10 dairy extension professionals from across the United States. Additionally, our subject areas are led by 13 dairy experts from across the country. To date, 211 dairy professionals representing 35 universities and several allied industries have contributed materials to DAIReXNET. Individuals wanting to submit materials for consideration can do so by contacting the subject-area leader of the area pertaining to their resource materials. A current list and contact information for subject-area leaders is maintained on the home page of the public DAIReXNET web site at [http://www.extension.org/dairy+cattle](http://www.extension.org/dairy+cattle). If you would like to become involved in DAIReXNET or have any questions, please contact Donna Amaral-Phillips at damaral@uky.edu or 859-257-7542.

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Dairy News Spring 2008
Despite a cold start to 2008, the Student Affiliate Division (SAD) has been busy gearing up for this year’s national meeting. There were three regional meetings held at the end of February for attendees to network with other students and industry supporters. The Midwest meeting was hosted by the University of Minnesota, the Northeast meeting was hosted by Delaware Valley University, and the Southern meeting was hosted by the University of Kentucky. Each regional meeting was a success with continued student attendance and participation in the various contests offered ranging from researched paper presentations to intense quiz bowl competitions.

Currently, the national officer team is working hard to put together a great annual meeting for this summer in Indianapolis. I would like to recognize my officer team, which consisted of 1st vice president Travis Kamper from Cal-Poly, 2nd vice president Renee Norman from Penn State University, 3rd vice president Ashly Pitre from Louisiana State University, secretary-treasurer Lucas Sjostrom from University of Minnesota, officer at large Justin Harsdorf from the University of Wisconsin-River Falls, and our advisors Larry Fox from Washington State University, Kasim Ingawa from North Carolina State University, and Steven Kelm from the University of Wisconsin-River Falls. They are an amazing group of individuals to work with and are instrumental in helping move the organization forward.

Kicking off the annual meetings will be a tour of the Indianapolis Motor Speedway where students will get to see a behind-the-scenes view of the impressive speedway infrastructure. That evening, students will be attending a picnic and enjoying a game of baseball in the Indianapolis Indians minor league baseball stadium in downtown Indianapolis.

On Monday, students will be participating in the coveted Quiz Bowl competition. This year the competition has changed to a double elimination format to help stimulate more involvement. The finals will still be held at 5:00 pm that evening and everyone should attend as the top two schools in the nation face off to see who will be the next national dairy bowl champion. Tuesday is filled with a business meeting, activity symposiums, and paper presentations. This year an impressive number of papers are being presented by the SAD, and everyone should stop by to see some of the new and upcoming topics that students have put together. Tuesday will conclude with a mixer and dance for all attendees. The student portion of the annual meeting wraps up on Wednesday with a business meeting and officer elections, a career symposium for students to learn more about industry opportunities, and the awards luncheon where numerous awards will be presented.

The SAD has had a busy and progressive start to 2008, and we hope to keep this momentum and strength in the coming years. All of this would not be possible without the support of ADSA, dairy science club advisor and faculty supporters, and our remarkable SAD liaison, Molly Kelley. We look forward to seeing everyone this July in Indianapolis!

Jessica Tekippe
ADSA-SAD President
Discover Conference Series

Plans are underway for the 15th ADSA Discover Conference, Biology of the Calf: Birth to 4 Months. This conference will be held at the Hotel Roanoke in Roanoke, Virginia, November 16-19, 2008.

Conference topics include:

- Biology of growth and its impact on mammary development and immune function
- Colostrum production and physiological reasons for failure of passive transfer
- Nutrient requirements and feeding management
- Nutrient transfer during the weaning period
- Alternative proteins and fats for the milk-fed calf
- Management of systems utilizing waste milk
- Alternatives to antibiotics: Functional proteins, egg-derived antibodies, and probiotics
- Stress management and the impact on health
- Animal welfare considerations – Housing, feeding practices
- Nutrient management – Impact of feeding practices on nutrient excretion and whole farm nutrient balance
- Rumen development in the young calf
- Automated feeding systems
- Development of key performance indicators to evaluate calf management

Who should attend? Members of the research and academic community, leading consultants, extension educators, industry leaders involved in providing services and products to those involved in growing calves, and members of governmental and regulatory agencies are encouraged to participate in this interactive program. Students and early-career professionals are especially encouraged to attend.

For more information on this conference, go to www.adsa.org/discover/15thDiscover_2008.htm

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There will be an ADSA Foundation Auction at the 2008 Annual Meeting. The ADSA Foundation Auction Committee and Foundation Board have reviewed the amount of staff and volunteer effort expended to maintain and run the auction versus the financial return and have decided it is time to give it a rest. As costs have increased, the return from the auction has slowly decreased. The Foundation Board will evaluate new fundraising activities for the future that are consistent with the mission of the ADSA Foundation Board and ADSA. Therefore, 2008 will be the last planned ADSA Foundation Auction.

The ADSA Foundation Board thanks all the previous ADSA Foundation Auction committee members, all the auction volunteers, ADSA and FASS staff members, and members that have donated and purchased items at previous ADSA Foundation Auctions in support of the Foundation. Your support has helped move the ADSA Foundation forward in its mission.

The 14th ADSA Discover Conference will be held May 18–21, 2008, at the Brown County Inn in Nashville, Indiana. The focus of this ADSA Discover Conference will be Lipids for Dairy Cows. This conference will bring together individuals interested and involved in research and application focused on the lipid metabolism of dairy cows and nutritional strategies designed to help meet energy requirements in an effort to establish current knowledge and stimulate future investigations. The conference will include discussion of current knowledge, industry perspectives on future knowledge needed to address practical problems, and future research objectives. Additional information is available on the ADSA web site. The registration and sponsorship for this conference is strong and we expect it to be a very interesting and highly successful conference.

The 15th ADSA Discover Conference will be held November 16–19, 2008, at the Hotel Roanoke and Conference Center in Roanoke, Virginia. The focus of the 15th Discover Conference is the Biology of the Calf: Birth to 4 Months. The conference will provide a platform for discussion of issues pertaining to optimum development and management of the young dairy calf. Further information is available on the ADSA web site. The director of the ADSA Discover Conference, Larry Miller, is always interested in new ideas and input for future Discover Conferences.

Searchable Proceeding of Animal Conferences (S-PAC; http://spac.adsa.org) has been operational since February 2005 and is a valuable source of practical web-based information to S-PAC subscribers. The current count for S-PAC is 29 animal conferences providing 146 sets of proceedings. The proceedings are fully searchable and you can quickly find information on your topic of interest. If you are not yet an S-PAC subscriber, you can evaluate S-PAC for just $5 for 5 days using the link on the ADSA web site.

Dave Barbano
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The Midwestern ADSA/ASAS Board focused their efforts during the past year on enhancing undergraduate and graduate student training, and enhancing a phenomenal relationship with industry. Three key focus areas that were identified to enhance the student experience were 1) enhancing student paper competitions, 2) enhancing the professional development of students, and 3) showcasing our finest PhD students with the Young Scholars Program. This program would not be possible without the great support from the 36 companies and organizations that sponsored this year’s event.

The annual meeting of the Midwestern Section of ASAS and the Midwest Branch of ADSA was held March 17–19, 2008, at the Polk County Convention Center in Des Moines, Iowa. Attendance was up with 1,014 registrants. There were a total of 324 presentations including 108 posters and 216 oral presentations. Invited presentations were made by 6 Young Dairy Scholars to showcase the efforts of recent or finishing PhDs from Midwestern universities. Please visit the home page of the ASAS Midwest Section and ADSA Midwest Branch (http://www.asas.org/midwestern/default.asp) for more details about the meetings, access to abstracts, sponsorship, and section activities. Below are this year’s winners of the undergraduate and graduate student paper competitions. This was the first year for the undergraduate poster competition. All four entries were exceptional and tied for 1st place.

**Undergraduate Student Paper Competition – Oral Division**  
*Sponsored by Murphy-Brown LLC, Western Operations*  
1st place: Blaire L. Varnes, Michigan State University (abstract 299)  
2nd place: Whitney V. Haux, North Dakota State University (abstract 294)  
3rd place: Andrea K. Schwarz, University of Nebraska–Lincoln (abstract 288)

**Undergraduate Student Paper Competition – Poster Division**  
*Sponsored by ASAS-ADSA Midwest Board*  
All tied for 1st place:  
Todd Marlo, Southern Illinois University (abstract 301)  
Paula Matuszak, University of Wisconsin–River Falls (abstract 302)  
Jake D. Lee, Illinois State University (abstract 303)  
Delia S. Stoner, Illinois State University (abstract 304)

**Graduate Student Paper Competition – MS Oral Division**  
1st place: Jaclyn M. Mapes, Michigan State University (abstract 92)  
2nd place: Laura Eastwood, Prairie Swine Centre Inc. (abstract 84)  
3rd place: Dawn Elkins, Iowa State University (abstract 90)

**Graduate Student Paper Competition – MS Poster Division**  
1st place: Nicholas R. Bork, North Dakota State University (abstract 106)  
2nd place: Christopher Fleenor, Purdue University (abstract 108)  
3rd place: Bradley Galbreath, Morehead State University (abstract 104)

**Graduate Student Paper Competition – PhD Oral Division**  
1st place: Elijah Kjarie, University of Manitoba (abstract 102)  
2nd place: Jonathan P. Holt, North Carolina State University (abstract 95)  
3rd place: Mark E. Corrigan, University of Nebraska–Lincoln (abstract 97)

**Graduate Student Paper Competition – PhD Poster Division**  
1st place: Beau A. Peterson, University of Illinois–Urbana (abstract 112)  
2nd place: Sender Lkhagvadorj, Iowa State University (abstract 113)  
3rd place: Amilton S. de Mello Junior, University of Nebraska–Lincoln (abstract 111)
2008 Young Dairy Scholars
Kasey Moyes, University of Illinois
Benjamin W. Pamp, South Dakota State University
Mary Raeth-Knight, University of Minnesota
Elizabeth Karcher, Iowa State University
Jeffrey Bewley, Purdue University
Anil Bettegowda, Michigan State University

Twelve teams competed in the Academic Quadrathlon, and Kansas State University team took top honors. The top 4 teams in each division are shown below:

<table>
<thead>
<tr>
<th></th>
<th>Lab practical</th>
<th>Oral presentation</th>
<th>Written exam</th>
<th>Quiz bowl</th>
<th>Overall</th>
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<tbody>
<tr>
<td>1st</td>
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<td>North Dakota State University</td>
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<td>The Ohio State University</td>
<td>Kansas State University</td>
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<tr>
<td>2nd</td>
<td>Kansas State University</td>
<td>Kansas State University</td>
<td>University of Missouri</td>
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<td>The Ohio State University</td>
</tr>
<tr>
<td>3rd</td>
<td>West Virginia University</td>
<td>The Ohio State University</td>
<td>Tie for 3rd:University of Wisconsin-River Falls and Kansas State University</td>
<td>University of Illinois</td>
<td>University of Illinois</td>
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<tr>
<td>4th</td>
<td>University of Missouri</td>
<td>Tie for 4th:University of Illinois and University of Minnesota</td>
<td>North Dakota State University</td>
<td>Tie for 4th:West Virginia University and North Dakota State University</td>
<td></td>
</tr>
</tbody>
</table>

The awards program was held on March 19. The following individuals were recognized:

**Young Animal/Dairy Science Leader Outstanding Researcher Award**
James M. Reecy
Iowa State University
*Supported by DSM Nutritional Products, Inc.*

**Young Animal/Dairy Science Leader Outstanding Teacher Award**
Henry N. Zerby
The Ohio State University
*Supported by ADM Alliance Nutrition Inc.*

**Young Animal/Dairy Science Leader Outstanding Extension Award**
Joel M. DeRouchey
Kansas State University
*Supported by Land O’Lakes, Purina Mills LLC*

**ASAS/ADSA Outstanding Young Agribusiness Award**
Jason C. Woodworth
Lorza Inc.
*Supported by ExSeed Genetics*
Innovation in Dairy Research Award
Regulatory role of the novel oocyte specific gene JY-1 in control of granulosa cell function and early embryonic development in cattle. A. Bettegowda*, and G. W. Smith, Michigan State University, East Lansing (abstract 229)
*Sponsored by Land O’ Lakes, Purina Mills LLC

National Pork Board Awards for Innovation
Dietary inclusion of colicin E1 prevents post weaning diarrhea in a seeder challenge model. S. A. Cutler*1, N. A. Cornick1, S. M. Lonergan1, and C. H. Stahl2
1Iowa State University, Ames, 2North Carolina State University, Raleigh (abstract 147)

Effects of adding increasing levels of corn dried distillers grains with solubles (DDGS) to corn-soybean meal diets on pork fat quality of growing-finishing pigs. G. Xu*1, S. K. Baidoo1, L. J. Johnston1, J. E. Cannon2, D. Bibus1, and G. C. Shurson1
1University of Minnesota, St. Paul, 2Hormel Foods, Austin, MN (abstract 158)

Richard Pursley
Past President, ADSA Midwest Branch
pursleyr@msu.edu

Report from the Northeast Region of ADSA-ASAS
For the eighth consecutive year, the joint Northeast Region of ADSA-ASAS will host a graduate student paper competition in conjunction with the ADSA-ASAS national meetings in Indianapolis. Each graduate student participant receives a travel award in the amount of $150, with the top three participants receiving an additional cash prize for travel support from the Northeast ADSA-ASAS. Last year, the Northeast Region provided travel support to 12 contestants. Once again, Steve Zinn (CT) will be coordinating the contest. The travel awards are currently funded from regional dues and reserve funds, and the Northeast ADSA-ASAS Board of Directors (Rich Erdman (MD), Mike Van Amburgh (NY), and Erin Connor (MD)) is seeking financial support through corporate and private donations to sustain the contest in future years.

Our annual Northeast ADSA-ASAS Awards Luncheon will be held on Wednesday, July 9, at the ADSA-ASAS annual meeting. Graduate student paper contest awards will be presented along with the Distinguished Service and Young Scientist awards provided annually by the Northeast ADSA-ASAS. The Board is currently seeking nominations for the board position of secretary-treasurer for the upcoming year. Nomination materials for regional awards and secretary-treasurer will distributed to regional members shortly.

Rich Erdman
President, Northeast ADSA-ASAS
The Southern Branch-ADSA (S-ADSA) held their annual symposium and business meeting on Monday, July 9, 2007, in San Antonio, Texas, in conjunction with the ADSA-AMPA-PSA-ASAS annual meeting. Officers for 2006-2007 included Bill Graves, president (GA), Cathy Williams, vice-president (LA), Dave Winston, secretary-treasurer (VA), Jack McAllister (KY) and Teresa Dove (Elanco), directors, and Donna Amaral-Philips (KY), past president. The symposium titled “Keeping Dairying Growing and Going” included speakers G. A. Benson, P. D. Stroup, J. F. Keown, D. L. Garner, and R. A. Milligan. The Southern Branch Honor Award was presented to Monty Montgomery during the symposium. Monty’s service to the dairy industry is greatly appreciated. Committee reports were given by the respective committee chairs. These included Graduate Paper Competition, Program Committee, Resolutions, Nominations, Necrology Report, Honor Award, Student Affiliate Division, Dairy Youth Programs, and Southern Dairy Challenge.

Winners of the graduate student paper contest were as follows:

1st place: Beverly Cox (Virginia Tech) “Impact of Feed Management Software on Whole Farm Nutrient Balance and Feed Management”

2nd place: Aaron Sissell (LSU) “Effects of Protein Sources on Growth and Hormonal Status of Weaned Dairy Calves”

Southern Branch expressed their appreciation to DFA for sponsoring the cash awards for this paper contest.

The S-ADSA symposium in Indianapolis will be titled “Responding to Hot Topics in the Dairy Industry.” Topics will include biosecurity (dealing with problem diseases), mycoplasma mastitis, improving fertility during heat stress, and feeding distillers grains.

The ADSA Southern Branch officers for 2007-2008 are:

President: Cathy Williams (LA)
Vice-President: Dave Winston (VA)
Secretary-Treasurer: Albert DeVries (FL)
Directors: Jack McAllister (KY) and Mitch Hockett (NC)
Past President: Bill Graves (GA)

We would like to invite everyone to our symposium in Indianapolis in July. The Southern Branch of ADSA also supports the activities of the Student Affiliate Division, both graduate and undergraduate, and we look forward to another great year.
2008 JAM Symposia Schedule

Monday, July 7
Afternoon Symposium

• Late-breaking original research session

Tuesday, July 8
Morning Symposia

• Beef Species: Beef Species Symposium–The evolution of beef cattle genetic evaluation
• ESS Program: Horse genome toolbox for animal science applications
• Extension Education: Has the land-grant college left the farm?
• Forages and Pastures: Fiber fermentation: Influence of supplemental nonstructural carbohydrates
• Meat Science and Muscle Biology: Meat quality: Regulation of intramuscular fat deposition
• Nonruminant Nutrition: Mineral absorption–what is known?

Afternoon Symposia

• Dairy Foods: Advances in low fat cheese research
• ADSA Southern Section Symposium: Responding to hot topics in dairy management
• ALPHARMA Beef Cattle Nutrition Symposium: ALPHARMA Beef Cattle Nutrition and Beef Species Joint Symposium–Producing quality beef in a bio-based economy
• Bioethics: Value of bioethics leadership for food animal agriculture
• Breeding and Genetics: Training of future animal breeders
• Cell Biology: The role of microRNA on cell function
• Production, Management & Environment and Ruminant Nutrition Joint Symposium: Designing field studies to evaluate nutrition effects on production, reproduction and health of dairy cows
• Small Ruminant Species: The US goat meat industry and recent sheep and goat activities at the National Research Council of the National Academies

Wednesday, July 9
Morning Symposia

• Bioethics: How do we integrate bioethics into our food animal system?
• Breeding and Genetics: Genome-wide selection
• Extension Education: From 40 acres and a mule to today: Historical perspective of extension programming
• Food Safety: Assuring food safety in a globalized market

• Forages and Pastures: Forage-based systems for beef and dairy cattle production: Regional challenges and opportunities

• Physiology and Endocrinology: Emerging concepts on dietary components that influence the physiology and endocrinology of domestic farm animals

• Teaching/Undergraduate and Graduate Education: The changing student and influence of technology on learning

Afternoon Symposia

• ARPAS Symposium: Livestock Pharmaceuticals: The past, the present, the ...

• ASAS Graduate Student Symposium: Academia, industry, government, or none of the above: Graduation is coming, what next?

• Companion Animals: Perceptions and implications of companion animals in research and teaching—domestically and globally

• Dairy Foods: Changes and challenges of probiotics in dairy products

• Nonruminant Nutrition: Oxidative stress and the use of antioxidants for nonruminant animals

• Ruminant Nutrition: Glycerin as a feed for ruminants

Thursday, July 10

Morning Symposia

• Meat Science and Muscle Biology: Postmortem changes in myofibrillar protein and the associated contribution to meat quality

• Swine Species: Intestinal barrier function

Afternoon Symposia

• ADSA Production Division Symposium: Dairy Replacement Heifers: Cost-effective strategies from weaning to calving

• Companion Animals: Exotic animal nutrition

• Contemporary and Emerging Issues: Healthfulness of dairy and meat products

• Dairy Foods: Emerging non-thermal food processing technologies—Their potential in dairy systems

• FASS Symposium: The DC Connection: Scientific policy, research support, and the professional animal scientist

• International Animal Agriculture: Welfare in animal production, from science to practice

• Mixed Models Workshop
Friday, July 11

All-Day Symposium

• Joint Lactation Biology and Triennial Lactation Symposium: 9th ASAS-EAAP International Workshop on the Biology of Lactation in Farm Animals

Morning Symposia

• Animal Behavior and Well-Being: Animal welfare standards – Who decides and how?
• Growth and Development: The molecular basis for feed efficiency
• Mixed Models Workshop
• Nonruminant Nutrition: Energy systems and alternative energy ingredients for swine

Future Meeting Dates

2008
14th Discover Conference: Lipids for Dairy Cattle: Today’s Issues, Tomorrow’s Challenges.
May 18–21, 2008, Nashville, Indiana

ADSA-ASAS Joint Annual Meeting
ADSA Northeast Branch-ASAS Northeast Section Meeting
ADSA Southern Branch-ASAS Southern Section Meeting
July 7–11, 2008, Indianapolis, Indiana

15th Discover Conference: Biology of the Calf: Birth to Four Months
November 16–19, 2008, Roanoke, VA

2009
ADSA-ASAS Midwestern Section Meeting
March 16–18, 2009, Des Moines, Iowa

ADSA-ASAS-CSAS Joint Annual Meeting
ADSA Northeast Branch-ASAS Northeast Section Meeting
ADSA Southern Branch-ASAS Southern Section Meeting
July 12–16, 2009, Montreal, Quebec, Canada

2010
ADSA-ASAS Midwestern Section Meeting
March 15–17, 2010, Des Moines, Iowa

ADSA-ASAS-CSAS Joint Annual Meeting
ADSA Northeast Branch-ASAS Northeast Section Meeting
ADSA Southern Branch-ASAS Southern Section Meeting
July 11–16, 2010, Denver, Colorado
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rfr3@psu.edu
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American Society of Animal Science

2008 JOINT ANNUAL MEETING REGISTRATION FORM

ADSA-ASAS Professional Members: Save $25 on your registration fees by registering online at http://adsa.asas.org/meetings/2008/

Member ID# ______________ □ ADSA® □ ASAS □ AMPA □ First-time attendee

Name ___________________________________________ Last __________ First __________ Middle Initial __________

Preferred first name on badge __________________________________________________________________ E-mail __________________________________________

Institution/company ____________________________________________________________________________

Business address ______________________________________________________________________________

City __________________________ State/province __________________________

Country __________________________ Zip/postal code __________________________

Phone __________________________ Fax __________________________

Spouses and children are not required to register. To receive a name badge, please provide name(s) below:

________________________________________________________________________________________

Emergency Contact Name and Phone Number _________________________________________________

Following registration, we list the names of meeting attendees on the meeting web site to facilitate networking. If you do not want your name listed, please check this box:

□ Do not list my name as an attendee on the meeting web site

REGISTRATION FEES

By June 4 | After June 4

ADSA-ASAS Professional Member | $350 | $500
AMPA Member | $300 | $500
Nonmember | $450 | $600
Retiree/Fellow/Emeritus | $100 | $125
Postdoc Member | $100 | $125
Postdoc Nonmember* | $175 | $250
Graduate Student Member | $75 | $100
Graduate Student Nonmember* | $175 | $225
Undergraduate Student Member | $0 | $25
Undergraduate Student Nonmember* | $175 | $225
Wednesday/Thursday Only | $175 | $275

ABSTRACTS

You will receive one abstract CD per registration.

□ Additional CD Copies | $25

*Attention: Nonmember Students and Postdocs - Become a member of ADSA or ASAS and save on meeting registration fees. Simply mark the society that you would like to join. Then, in a single payment, include the Student Membership fee with the appropriate Student Member registration fee for the 2008 Joint Annual Meeting. Membership will be valid through 12/31/2008.

ADSA Postdoc Membership Dues | □ $55 | □ $55
ADSA Undergraduate Student Membership Dues | □ $5 | □ $0
ADSA Graduate Student Membership Dues | □ $10 | □ $20

Certificate of Attendance

Preregistered certificates of attendance will be available for pickup onsite with your name badge packet. Please request a certificate of attendance by checking the box below.

□ Certificate of Attendance

REGISTER ONLINE: http://adsa.asas.org/meetings/2008/  REGISTRATION FORM CONTINUED ➤
PAYMENT

Total Amount Due $ ____________

☐ Check enclosed (drawn on US bank in US funds)
- or -

☐ Please charge $ ____________ to my credit card

☐ American Express  ☐ MasterCard  ☐ Visa  ☐ Discover

Card Number ____________________________

Expiration Date ____________________________

Signature ____________________________

CANCELLATION POLICY

To be eligible for a refund of meeting registration fees, requests must be received in writing before the following dates:

On or Before June 4, 2008  90% Refund
After June 4, 2008  NO REFUND

The cancellation dates apply only to the meeting registration fees. Ticketed events may be cancelled due to minimum attendance requirements. Refunds will be issued for CANCELLED ticketed events only. There will be NO REFUNDS for noncancelled ticketed events. All approved refunds will be issued after the meeting, in the form in which payment was made.

PLEASE NOTE

Please be sure to preregister for non-program ticketed events; they will not be available for purchase onsite.

NOTICE TO ORAL PRESENTERS
AND INVITED SPEAKERS

Please note that all session rooms will be equipped with a computer and LCD projector. All oral presentations and invited speaker presentations will be preloaded one week before the meeting. You will be contacted with the preloading instructions and deadlines, which can also be found online at http://adsa.asas.org/meetings/2008/.

SUBMIT THIS REGISTRATION FORM

Complete and mail or fax this form with your check, money order, or credit card information to:

2008 Joint Meeting
1111 North Dunlap Avenue
Savoy, IL 61874

Fax: 217.398.4119

Contact us:
Phone: 217.356.3182
E-mail: adsa@assochq.org or asas@assochq.org

ADSA-ASAS Professional Members:
Save $25 on registration fees—
Register online at
http://adsa.asas.org/meetings/2008/

TICKETED EVENTS

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<td>SAD Undergraduate Dance All Others</td>
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<td>Mixed Models Workshop (1.5 days)</td>
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ADA COMPLIANCE
ADSA and ASAS choose facilities that are ADA compliant. If you have any questions or concerns please contact our office.

HOTEL RESERVATION FORM

GENERAL INFORMATION

Reservations can be made by choosing one of the following methods:
INTERNET: Book on-line at http://adsa.asas.org/meetings/2008/housing.asp. **This is the quickest and most effective method.**
FAX: Send completed form to 1-317-684-2492.
PHONE: Call 1-317-684-2573, Monday-Friday, 8:30 am-5 pm EST.
MAIL: Send completed form to ADSA-ASAS Housing Bureau, P.O. Box 7248, Indianapolis, IN 46207-7248.

All reservation requests will be made through the Housing Bureau. DEADLINE: Wednesday, June 4, 2008.

ACKNOWLEDGEMENTS: Acknowledgements will be sent after each reservation booking, modification and/or cancellation via e-mail (if provided), or fax or mail. Review acknowledgements carefully for accuracy. If you do not receive an acknowledgement within 14 days after any transaction, please call the Housing Bureau. **You will not receive a written confirmation from the hotel.**

DEPOSIT: A one-night (plus 15% tax) advance deposit is required for each room requested. Checks will be deposited 7 days prior to arrival date. Credit card processing will be held until checkout.

MODIFICATIONS/CANCELLATIONS: Please review carefully. A $50 cancellation fee will be charged for reservations cancelled after Wednesday, June 4, 2008. Reservations cancelled after Monday, June 30, 2008, or no shows will be charged by the hotel for one night room and tax.

MULTIPLE ROOMS: For reservations of 5 or more rooms, rooming lists are due by Monday, June 2, 2008.

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<tr>
<td>Westin Indianapolis (ADSA HQ)</td>
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<td>Hampton Inn Downtown (Student HQ)</td>
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<tr>
<td>Omni Severin</td>
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<tr>
<td>Crowne Plaza</td>
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Requests will be processed on a first-come, first-served basis. If all your choices are unavailable, you will be placed in the next available choice that meets your requirements.

Special requests: □ Smoking □ Non-smoking □ Handicapped □ Other ________________________ Requests are not guaranteed.

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<tr>
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<td>Contact name for groups:</td>
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<tr>
<td>Additional guests in room:</td>
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<td>Name of cardholder:</td>
</tr>
<tr>
<td>By signing I authorize my credit card to be charged in compliance with the above referenced cancellation policies should I cancel my reservation.</td>
</tr>
<tr>
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</tr>
<tr>
<td>Make checks payable to ADSA-ASAS Housing Bureau • P.O. Box 7248 • Indianapolis, IN 46207-7248</td>
</tr>
</tbody>
</table>

Only one form per request; only one form of payment per registration