

## 2012–2013 ADSA<sup>®</sup> Board of Directors



*Seated, left to right:* Rich Erdman, Susan Duncan, Bob Roberts, Scott Rankin, Mike Schutz, Roger Shanks

*Standing, left to right:* Geoff Dahl, Rafael Jimenez-Flores, Ken McGuffey, Jim Linn, Lou Armentano, Peter Studney

JAM 2013  
Indianapolis

2012 ADSA Award Winners

Key ADSA Staff

Letter from the ADSA  
President

ADSA Branch Updates

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## ADSA News

### October 2012 Volume 5 Issue 2

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# 2013 ADSA-ASAS Annual Meeting

The 2013 ADSA-ASAS Joint Annual Meeting will be held July 8–12, 2013, in Indianapolis, Indiana. **Please note that the 2013 meeting will run from Monday through Friday.**

From the Indy CVB (<http://visitindy.com>):

“Indianapolis offers the most compact, connected and convenient meetings package in the country. But beyond the bricks and mortar is a vibrant and walkable downtown that stays activated long after the work day ends. After 5 pm, attendees find themselves in a city with hundreds of options to explore for networking and entertainment. Over 200 diverse restaurants, 80 bars and clubs, and 50 major attractions are within walking distance of downtown hotels, including a glimmering canal walk and 250 acres of urban green space with one-of-a-kind museums and a top 10 zoo.

The new \$63 million, 8-mile Indianapolis Cultural Trail connects bicyclists and pedestrians to dining, nightlife, attractions, and six eclectic cultural districts with boutique shops, art galleries, and live music. The transformed Georgia Street offers a unique outdoor event plaza and provides a pedestrian-friendly connector between the convention center and Bankers Life Fieldhouse, home of the NBA Pacers. James Beard Award-winning chefs, the world’s spiciest dish, and hip and funky neighborhoods can also be found in this safe, clean, and friendly city.”

Make your plans now to attend the 2013 ADSA-ASAS Joint Annual Meeting in Indianapolis, Indiana. You can find more information at the official meeting website: [www.jtmtg.org/2013/](http://www.jtmtg.org/2013/).

## 2013 Joint Annual Meeting Call for Abstracts

The 2013 ADSA®-ASAS Joint Annual Meeting (JAM) call for abstracts and all of the information you need to submit an abstract is available now on the meeting website at <http://www.jtmtg.org/2013/>. The deadline for submission of abstracts is February 13, 2013, so make sure to mark your calendar. Your participation in JAM through abstract submission is essential to build an outstanding program. The foundation of our annual meeting is the science that each one of you brings with your oral and poster abstract presentations.

Thank you!  
2013 Joint Annual Meeting Program Committee

# Symposia Available at No Cost to Members

Select symposia have been recorded at each joint annual meeting from 2003 to 2012 and now total more than 60. You can access these from the ADSA Meetings page (<http://www.adsa.org/Meetings/ADSAMeetings.aspx>); you need only enter your unified login and password to access the symposia.

## ADSA Vice President and Director Nominations Requested

You are invited to submit nominations for the ADSA Board of Directors. Every member has the opportunity and responsibility to assist in the process of selecting board members for ADSA. Please submit nominations for ADSA director from the Dairy Foods division and for ADSA vice president and ADSA director from the Production division. Please send your nominations via e-mail to [carat@assochoq.org](mailto:carat@assochoq.org) or by mail to Cara Tharp, ADSA, 1800 S Oak St, Ste 100, Champaign, IL 61820.

## 2013 JAM Planning

The 2013 Joint Annual Meeting (JAM) Planning Committee and the associated Program Committees have developed an exciting program that includes more than 30 symposia. The meeting will include panel discussions, internationally known speakers, workshops, abstract sessions anchored by keynote speakers, and other formats as well as traditional poster and oral presentations. The outstanding planning by these committees has ensured that this will be a value-packed meeting grounded in excellent science at the cutting edge of animal biology.

The call for abstracts was sent out in early October. Please visit the 2013 JAM website (<http://www.jmtg.org/2013>) to find instructions for electronic submission of abstracts, and remember the deadline for submission is 11:59 pm CST, February 13, 2013.

# Thank you to the 2012 Joint Annual Meeting Sponsors

## Platinum

EAAP  
Elanco Animal Health  
Pancosma  
Pfizer Animal Health

## Gold

Alpharma Animal Health  
American Dairy Science Association  
American Society of Animal Science (ASAS)  
American Society for Nutrition  
ASAS Foundation  
CEV Multimedia  
Dairy Research Institute/Innovation Center for U.S. Dairy  
Diamond V Mills  
United Soybean Board  
USDA-National Institute of Food and Agriculture

## Silver

American Registry of Professional Animal Scientists  
BASF  
DSM Nutritional Products  
Monsanto Co.  
West Central

## Bronze

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Ajinomoto Heartland Inc.  
Archer Daniels Midland  
Asociacion Argentina de Produccion Animal  
Cargill Animal Nutrition  
Chemgen  
Chinese Association of Animal Science and Veterinary Medicine  
Dupont Nutrition and Health  
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NorAmara Bioenergy Corp.  
Northeast ASAS/ADSA  
PCS Sales (USA) Inc.  
College of Agriculture and Bioresources, University of Saskatchewan  
Department of Animal and Poultry Science, University of Saskatchewan  
Western College of Veterinary Medicine, University of Saskatchewan

**Thank you for your generous support of JAM 2012!**

# 2012 Joint Annual Meeting Statistics

## Phoenix, Arizona

Sessions		Presentations	
Symposia	41	Oral	915
Oral	78	Poster	1,204
Poster	70	Total	2,119

# 2012 ADSA Award Winners

American Feed Industry Association Award  
Jeffrey Firkins

Cargill Animal Nutrition Young Scientist Award  
Benjamin Corl

DeLaval Dairy Extension Award  
Pamela Ruegg

Elanco Award for Excellence in Dairy Science  
Don Beitz

Hoard's Dairyman Youth Development Award  
Joseph Domecq

International Dairy Foods Association Research Award in Dairy Foods Processing  
MaryAnne Drake

J. L. Lush Award in Animal Breeding  
Curt Van Tassell

Kraft Foods Teaching Award in Dairy Science  
Young Park

Land O'Lakes, Purina Feed LLC Teaching Award in Dairy Production  
Howard Tyler

National Milk Producers Federation Richard M. Hoyt Award  
Chad Mullins

Nutrition Professionals Inc. Applied Dairy Nutrition Award  
Lance Baumgard

Pfizer Animal Health Physiology Award  
Judith Stabel

Pioneer Hi-Bred Forage Award  
David Casper

West Agro Inc. Award  
John Lippolis

National Milk Producers Federation Graduate Student Paper Presentation Contest in Dairy Production Award—MS Division  
1st Keegan Gay, Purdue University  
2nd Joao Moraes, University of Minnesota  
3rd Julie Wittrock, University of Guelph

National Milk Producers Federation Graduate Student Paper Presentation Contest in Dairy Production Award—PhD Division  
1st Jessica McArt, Cornell University  
2nd Monica VanKlompberg, University of California-Davis  
3rd Jimena Laporta, University of Wisconsin-Madison

*Continued on next page*

Dairy Research Institute Graduate Student Paper Presentation Contest in Dairy Foods Research Award

- 1st Alexandra Grygorczyk, University of Guelph
- 2nd Anne Sauer, Cornell University
- 3rd Andrea Tremaine, University of Minnesota

Leprino Foods Graduate Student Poster Presentation Contest in Dairy Foods Research Award

- 1st Rachel Campbell, North Carolina State University
- 2nd Curtis Park, North Carolina State University
- 3rd Jamie Kang, North Carolina State University

Land O'Lakes, Purina Feed LLC Graduate Student Poster Contest—MS Division

- 1st Paula Regina Basso Silva, University of Minnesota
- 2nd Sean Anderson, University of Arizona
- 3rd Luiz Ferraretto, University of Wisconsin

Land O'Lakes, Purina Feed LLC Graduate Student Poster Contest—PhD Division

- 1st Heather Tucker, Virginia Tech
- 2nd Nilusha Malmuthuge, University of Alberta
- 3rd Beth Ventura, University of British Columbia

Genevieve Christen Distinguished Undergraduate Student Award

Leah Henkes

JDS Most-Cited Award: Dairy Foods

Massimo De Marchi

JDS Most-Cited Award: Physiology and Management

John Roche

JDS Most-Cited Award: Nutrition, Feeding and Calves

Yves Chilliard

JDS Most-Cited Award: Genetics and Breeding

Paul M. VanRaden

ADSA Foundation Scholar Award in Dairy Production

Barry Bradford

ADSA Award of Honor

George Somkuti

ADSA Distinguished Service Award

F. Xavier Malcata

2012 ADSA Fellows

- Donald J. McMahon
- John P. McNamara
- Ronald L. Richter
- George R. Wiggans



# Thank you to the 2012 ADSA Award Sponsors

ABS Global Inc.

(J. L. Lush Award in Animal Breeding)

ADSA

(Award of Honor; Distinguished Service Award; Fellow)

ADSA Foundation

(ADSA Foundation Scholar Award in Dairy Production; Genevieve Christen Distinguished Undergraduate Student Award)

American Feed Industry Association

(American Feed Industry Association Award)

Cargill Animal Nutrition

(Young Scientist Award)

Dairy Research Institute

(Graduate Student Paper Presentation Contest in Dairy Foods Research Award)

DeLaval Inc.

(Dairy Extension Award)

Elanco Animal Health—Eli Lilly & Co.

(Award for Excellence in Dairy Science)

Elsevier

(JDS Most-Cited Awards)

Hoard's Dairyman

(Youth Development Award)

International Dairy Foods Association

(Research Award in Dairy Foods Processing)

Kraft Foods

(Teaching Award in Dairy Science)

Land O'Lakes Purina Feed LLC

(Teaching Award in Dairy Production; Graduate Student Poster Contest—MS and PhD Divisions)

Leprino Foods

(Graduate Student Poster Presentation Contest in Dairy Foods Research Award)

National Milk Producers Federation

(Richard M. Hoyt Award; Graduate Student Paper Presentation Contest in Dairy Production Award—MS and PhD Divisions)

Novus International

(ADSA/EAAP Student Travel Award)

*Continued on next page*

Nutrition Professionals Inc.  
(Applied Dairy Nutrition Award)

Pfizer Animal Health  
(Physiology Award)

Pioneer Hi-Bred International  
(Pioneer Hi-Bred Forage Award)

West Agro Inc.  
(West Agro Inc. Award)

## 2013 ADSA Award Nominations

Do you know a prospective ADSA award winner? If so, it is time to nominate that person for a 2013 ADSA award. Self-nominations are always accepted, too! The entire ADSA awards program, from nomination through selection, will be administered online. Submit your nomination at <http://www.adsa.org/newawards/lognom.asp>. You can also visit <http://www.adsa.org/Membership/Awards.aspx> for general information, policies and procedures, award history, and more.

Communication with all involved in the process will be via e-mail; accurate e-mail addresses are necessary. The nomination process has two deadlines:

**January 18, 2013** Initial nominations are due

**February 10, 2013** All of the supporting materials for nominations that were cleared through the initial stage are due

If you need assistance or have questions during the process, contact Cara Tharp at 217-356-5146 ext.141 or by e-mail: [carat@assoqh.org](mailto:carat@assoqh.org).

# Letter from the ADSA® President

Ken McGuffey



What an honor and, even more, what a responsibility to serve as president of ADSA. Our Association took on new meaning for me when I served as chair of the Centennial Planning Committee leading up to the ADSA Centennial in 2006. In 1906, 19 men met at the University of Illinois and formed the National Association of Dairy Instructors and Investigators. Ten years later, the outgrowth of that meeting became the American Dairy Science Association. In the ensuing 106 years, the American Dairy Science Association and its members have become change agents for the dairy industry. Each of us can take pride in the impact of ADSA on society simply by visiting our local grocery store and looking at the diversity of foods that contain dairy ingredients in the dairy case, in the frozen food section, and on the shelves.

The vision of those in 1906 could not have foretold the outcome. Annual meetings convened thought leaders from across the country and from all parts of the world to discuss and exchange ideas on various scientific disciplines of our industry. These ideas were tested back at the university and research institutes. Findings were reported at the annual meetings and published in the *Journal of Dairy Science*. Professors mentored students who became leaders in institutions, government agencies, and industry all over the world.

Today, members of ADSA address the challenges of food security in the next few decades. These were addressed in the MILK Symposium at the 2012 JAM in Phoenix. The world population is expected to reach nine billion in 2050. Most of the population growth will occur in areas of the world that are food insecure today. We need to double food production and 70% of that increase must come from improved efficiency throughout the food chain. Enter ADSA and other professional scientific organizations for our next challenge.

Institutional boards (Board of Directors, Board of Regents/Trustees, and so on) are responsible for governance and planning. Our Association, led by the Board of Directors, is well positioned and ready to continue its vision and mission. The Board is operating under the second year of its second five-year strategic plan. The ADSA Strategic Plan contains six goal areas each under the leadership of a director: *Journal of Dairy Science* (David McCoy), Meetings (Lou Armentano), Membership (Susan Duncan), International (Rich Erdman), Science Policy (Geoff Dahl, who is also chair of the 2013 JAM Program Committee), and Science Visibility (Rafael Jimenez-Flores). Each of these goal areas contains elements of current activities and what ADSA will be in 10 or more years from now. Members of the Executive Committee—Scott Rankin, Mike Schutz, Roger Shanks (editor-in-chief), Jim Linn (past-president), Bob Roberts (past-president), and I—are charged with promoting leadership for current and future leaders of ADSA through seminars at the mid-year meeting and prior to meetings of the Board at JAM.

Peter Studney, our executive director, provides exceptional leadership and counsel to the Board on all business matters. Our fiscal position is strong and growing, thanks to his control of the budget. He keeps the Board within the limits allowed for 501(c)3 organizations. Most important, Peter is dedicated to the mission of ADSA. Cara Tharp, the ADSA executive assistant, keeps us on schedule and maintains our records of business.

Editor-in-Chief Roger Shanks projects a record of 7,400 pages for the *Journal of Dairy Science* in 2012. Along with this impressive quantity, the quality of science in the journal remains high: the most recent Impact Factor of 2.564, reported in June 2012, was an increase of 3% over the

*Continued on next page*

previous year. The journal is ranked second by Impact Factor of 55 journals in the Agriculture, Dairy and Animal Science category for 2011, based on Impact Factor and remains the top-ranked journal by 5-year Impact Factor. As a side note, Roger Shanks reads every page of each issue before publication.

In the upcoming fourth quarter, you will receive reminders to renew your membership in ADSA. Calls for abstracts for JAM 2013 in Indianapolis will go out to scientists all over the world in late October. Your Board of Directors will continue to plan and direct the Vision and Mission of ADSA.

Thank you for your participation in ADSA. Please contact me at any time if you wish to discuss activities of ADSA.

**Ken McGuffey**  
ADSA President

# Key ADSA Staff

Need to contact the ADSA business office with membership renewal questions? Invoices? Address changes? Annual meeting registrations? Award information? Journal subscriptions? Editorial questions?

## **General ADSA questions:**

Contact Vicki Paden, ADSA administrative assistant, by e-mail: [vickip@assochq.org](mailto:vickip@assochq.org) or by phone: 217-356-5146 ext. 110, or Cara Tharp, ADSA executive assistant, by e-mail: [carat@assochq.org](mailto:carat@assochq.org) or by phone: 217-356-5146 ext. 141.

## **Journal policy, copyright, and licensing questions:**

Contact Susan Pollock, managing editor for JDS, by e-mail: [susanp@assochq.org](mailto:susanp@assochq.org) or phone: 217-356-3182 ext. 152.

## **JDS style and form questions and manuscript submission requirements:**

Contact a technical editor by e-mail: [journals@assochq.org](mailto:journals@assochq.org).

## **Manuscript Central and JDS reprint questions:**

Contact Jennifer Gavel, JDS editorial administrative assistant, by e-mail: [jennig@assochq.org](mailto:jennig@assochq.org) or by phone: 217-356-3182 ext. 139.

## **ADSA Foundation questions:**

Contact Peter Studney, ADSA executive director, by e-mail: [peters@assochq.org](mailto:peters@assochq.org) or by phone: 217-356-5146 ext. 111.

## **Discover Conference questions:**

Contact Larry Miller, director, ADSA Discover Conferences, by e-mail:

[larrymiller@atlanticbb.net](mailto:larrymiller@atlanticbb.net) or by phone: 443-262-8270, or

Molly Kelley, coordinator, ADSA Discover Conferences, by e-mail: [kelleymt@aol.com](mailto:kelleymt@aol.com) or by phone: 217-684-3007.

## **S-PAC questions:**

Contact Ken Olson by e-mail: [keolson@prodigy.net](mailto:keolson@prodigy.net) or by phone: 630-237-4961.

# Letter from the ADSA Foundation Chair

As of August 31, 2012, the ADSA Foundation had positive net revenue of over \$117,000 for the year, driven by the strong performance of the ADSA Foundation Discover Conference program, under the leadership of Larry Miller and Molly Kelley. A great example is Discover 24, which just wrapped up and was almost sold out!

Through the efforts of Ken Olson, S-PAC® continues to grow. Some of the proceedings housed in S-PAC are not available anywhere else on the web. You will see a survey coming soon asking what value you find in S-PAC. The ADSA Foundation again sponsored the SAD Quiz Bowl, the Foundation Scholar Awards, and the Genevieve Christensen Award at the 2012 Joint Annual Meeting held in Phoenix. An initiative currently being considered by the Foundation Board is the possibility of sponsoring several accredited learning opportunities as part of the education directives currently listed as a Foundation goal. More on this later.



The ADSA Foundation Board of Trustees conducted elections for officer positions in Phoenix. For 2012, Mike Socha (ZinPro Corporation) will continue as vice-chair of the Foundation Board; Mark Hanigan (Virginia Tech) will continue as secretary; and Sarah Boucher (Hubbard Feeds), David McCoy (Dairy Management Inc.), Vikram Mistry (South Dakota State University), and Karen Schmidt (Kansas State University) are trustees. Check <http://www.adsa.org/Foundation/FDN/BoardofTrustees.aspx> for contact information.

Discover Conferences continue to be a great way for the Foundation to fulfill its goal to provide ongoing education to its members and to strengthen fundraising so that other programs and award sponsorships can be maintained.

## 2012 Discover Conferences:

- The 23rd ADSA Discover Conference, *Bovine Immunology: The Intersection of Innate and Acquired Immunity*, was held May 29–June 1. The total registration for the conference was 158. The conference co-chairs for were Chris Chase (South Dakota State University) and Barry Bradford (Kansas State University). The other Program Committee members were Amelia Woolums (University of Georgia), Matthew R. Waldron (University of Missouri), Lorraine M. Sordillo (Michigan State University), Clint Loest (New Mexico State University), and Monica Foote (Food and Drug Administration/ Danascara Cheese).
- The 24th ADSA Discover Conference, *New Developments in Rumen Microbiology and Their Potential to Improve Animal Performance*, was held September 10–13. Conference co-chairs were Paul Weimer (USDA-ARS) and Jeffrey Firkins (The Ohio State University). The other Program Committee members were T. G. Nagaraja (Kansas State University), Todd Callaway (USDA-ARS), Monty Kerley (University of Missouri), Adegbola Adesogan (University of Florida), and Tim McAllister (Agriculture and Agri-Food Canada, Alberta).

## Discover Conferences planned for 2013:

- The 25th ADSA Discover Conference, *New Developments in Immunity, Nutrition, and Management of the Preruminant Calf*, is scheduled for May 28–31, 2013, at the Eaglewood Resort and Spa, Itasca, Illinois.
- The 26th ADSA Discover Conference, *Dairy Feed Efficiency*, is scheduled for fall 2013 in the Chicago area.

Registration and program information for the 2013 Discover Conferences are available on the Discover Conference website: <http://www.adsa.org/Meetings/DiscoverConferences.aspx>.

Please consider a donation to the ADSA Foundation before the end of the year; you can donate to one of several programs or just make a general donation (<http://www.adsa.org/Foundation/FDN/MakeaDonation.aspx>).

Cindie Luhman  
Chair, ADSA Foundation Board of Trustees

# S-PAC Continues to Grow!

## ADSA Annual Meeting Abstracts

[2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995, 1994, 1993, 1992, 1991, 1990, 1989, 1988, 1987, 1986, 1985, 1984, 1983, 1982, 1981, 1980, 1979, 1978, 1977, 1976, 1975, 1974, 1973, 1972, 1971, 1970, 1969, 1968, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1959, 1958, 1957, 1956, 1955, 1954, 1953, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1943, 1942, 1941, 1940, 1939, 1938, 1937, 1936, 1935]

## ADSA Divisional Meeting Abstracts

[1989, 1976, 1975, 1974, 1973, 1972, 1971, 1970, 1969, 1968, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1959, 1958, 1957, 1956]

## Alternative Feeds for Livestock and Poultry

[2003]

## Annual Convention of the American Association of Bovine Practitioners

[2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997]

## Annual Meeting of the United States Animal Health Association

[2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002]

## Arizona Dairy Production Conference

[2009, 2007, 2006, 2005, 2004, 2003]

## Bioethics Symposium

[2007]

S-PAC (Searchable Proceedings of Animal Conferences) continues to grow—now at 45 conferences and 420 proceedings. S-PAC is the most comprehensive animal production and management conference proceedings database in the world. This unique collection of conference proceedings and presentations is a must-have resource for animal scientists, veterinarians, academicians, consultants, and members of industry around the world. The value of S-PAC increases every time a conference or a set of proceedings is added. Your value to your organization increases every time you efficiently provide information using this powerful database tool. If you can't attend the multitude of conferences that S-PAC spans, do the next best thing: subscribe to S-PAC (<http://spac.adsa.org/>) today!

Welcome to S-PAC, the animal database that really counts!

S-PAC is the most comprehensive animal production and management conference proceeding database in the world. This unique collection of conference proceedings and presentations is a must-have resource for animal scientists, veterinarians, academicians, consultants and members of industry around the world. The value of S-PAC increases every time a conference and a set of proceedings is added. Your value to your organization increases every time you efficiently provide information using this powerful database tool. If you can't attend the multitude of conferences that S-PAC spans, do the next best thing: subscribe to S-PAC today!

All are invited to Try S-PAC ---  
5 days for \$5!

# Letter from the JDS<sup>®</sup> Editor-In-Chief: Records and Forecasts

This has been a tumultuous year of records for the *Journal of Dairy Science*<sup>®</sup> (JDS). The June 2012 issue set a record for most pages (699) and most manuscripts (68) in a single monthly issue. The July issue increased slightly to 702 pages of research papers, and the September issue holds the current record with 725 pages and 75 manuscripts. We fully expect that the 2012 volume will set records for total number of pages and published manuscripts. These records could not have been accomplished without tremendous support from you, the authors— thank you. In addition, I appreciate the great support from many people in the FASS office, as well as a terrific group of senior and section editors.



In the FASS office, I have had the opportunity to work closely with Susan Pollock and Louise Adam, and I appreciate their efficiency and professionalism in addition to their technical expertise. It has also been a pleasant experience seeing Vicki, Cara, Gayle, Jennifer, Sharon, and Jeremy on my brief visits to the FASS office. Many others at FASS help to make JDS better, including additional technical editors, the production team, the IT department, and accounting. The excellent appearance of the journal is thanks to the responsiveness and dedication of the FASS staff.

The excellent quality of the science in JDS is directly related to the daily decisions made by senior editors and section editors. In Dairy Foods, the senior editor is Rafael Jimenez-Flores and the section editors are MaryAnne Drake and Stephanie Clark. In Physiology and Management, the senior editor is Matthew Lucy and the section editors are Geoff Dahl, Rupert Bruckmaier, Kerst Stelwagen, and Helga Sauerwein. In Nutrition, Feeding, and Calves, the senior editor is Keith Cummins and the section editors are Sergio Calsamiglia, John McNamara, and John Vicini. In Genetics and Breeding, the senior editor is Georgios Banos and the section editors are Christa Kuhn and Jennie Pryce. Peter Hansen is the editor for the Invited Reviews section. Each of these editors has made valuable contributions to the success of the *Journal of Dairy Science*. Thank you.

At this time, I specifically want to recognize the tremendous contributions of our retiring editors, Peter Hansen, Keith Cummins, and Matt Lucy. Each has had a positive impact on JDS. Pete Hansen has served in multiple roles—section editor, senior editor, and invited reviews editor—over most of the past two decades. He has contributed in improving and stabilizing the quality of the journal. Peter has also served as the institutional memory. Keith Cummins is completing his second term as section editor in Nutrition, Feeding, and Calves. Keith's understanding of his nutrition colleagues has been extremely beneficial in identifying reviewers and moving manuscripts through the review process. Keith also kept me straight with his "does it make sense?" approach to solving issues. Matt Lucy is completing his second term as section editor for the Physiology and Management section. During Matt's tenure as senior editor, he directed the evaluation of the most submissions of any section: more than 100 submissions out for review was the norm. He handled the workflow efficiently and encouraged his fellow section editors in moving submissions through the review process. Matt was an enthusiastic participant in our annual Journal Management Committee meeting. This year he was especially giddy as he anticipated the completion of his service as editor. Please thank each of these editors when you see them next. I welcome Filippo Miglior as the new editor in the Invited Reviews section. The other new editors will be announced shortly.

Two recent enhancements for the journal include Articles in Press (<http://www.journalofdairy-science.org/inpress>) and an app to access JDS on the iPhone, iPad, or Android devices. The first

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Articles in Press were available in mid-August. Since then, almost all articles in the October and November issues have been available online before the final publication date. Many papers are now published online 6 to 8 weeks before publication in an issue. Check out the article on page 32 of this newsletter for details on accessing JDS on the go!

Finally, I wish to thank the ADSA Board of Directors for their continued support of the journal and thank you for giving me the opportunity to serve as editor-in-chief for the top-ranked international dairy journal, the *Journal of Dairy Science*.

Roger D. Shanks  
JDS Editor-in-Chief  
University of Illinois, Urbana

# Letter from the Incoming FASS President

As the incoming president of the Federation of Animal Science Societies (FASS), I welcome the opportunity to serve this organization again. FASS has been through some challenging times over the last year. The FASS Board of Directors and the administration of FASS have had to make some very difficult decisions in regards to staffing and expenses in order to meet those challenges. The Finance Committee, through the budgetary process, has developed a revised budget that accounts for the changes undergone by FASS. The Board of Directors feels that FASS is a viable organization that will continue to provide the services that the founding member and client societies need as affordably and efficiently as possible. The Board of Directors and the leadership of FASS feel that the staff is our greatest asset and the key to our future. The Operations Committee is in the process of finalizing a business plan for FASS that will address the future challenges facing the organization. I appreciate the opportunity to lead FASS through these changing times and hope that the challenges and opportunities ahead serve to strengthen the organization and allow FASS to continue to fulfill its purpose in providing services to our societies.



On a positive note, FASS has recently published the results of the Farm Animal Integrated Research (FAIR) 2012 forum that was held March 4–6, 2012, in Arlington, Virginia. The purpose of FAIR 2012 was to establish research, education, and outreach priorities for animal agriculture. The FAIR Program Committee and the Executive Committee created a forum that attracted more than 160 animal scientists, veterinarians, and university, government, and industry representatives. The priorities developed at the forum are designed to provide input to the \$3.2 billion federal agricultural research, education, and economic programs. The Writing Committee, led by Mary Beck and Jerry Weigel, has done an outstanding job in creating final products that can be used by policymakers and agriculture leaders to set priorities. The FAIR 2012 summary is available online at [http://www.fass.org/docs/FAIR2012\\_Summary.pdf](http://www.fass.org/docs/FAIR2012_Summary.pdf). Through activities such as FAIR 2012, we hope that FASS continues its mission to “facilitate science.”

**Tony Pescatore**  
2012–2013 FASS President

## ADSA Representatives to FASS Board

The 2012–2013 ADSA representatives to the FASS Board are Phil Tong (ADSA past-past-president); Jim Linn (ADSA past-president); and Bob Roberts (ADSA past-president).

# Attention Dairy, Animal, and Veterinary Science Faculty and Students:

S-PAC® is now available to academic libraries, allowing them to provide institution-wide access to this unique and valuable tool. S-PAC hosts proceedings that are not available anywhere else on the web.

It's easy to make S-PAC a classroom resource providing convenient, inexpensive access to real-world application of current science.

Ask your librarian or department head to get your campus connected today! They can visit <http://spac.adsa.org> or contact Vicki Paden, ADSA Membership Coordinator ([vickip@assochnq.org](mailto:vickip@assochnq.org)); phone: (217) 356-5146 for details on academic library subscriptions.

S-PAC is the most comprehensive database of animal production and management conference proceedings in the world. Topics range from nutrition and management, to herd health, animal care, and bioethics. As of this writing, 45 participating conferences have contributed 420 sets of proceedings and presentations to this unique and growing searchable collection, making it an essential resource for animal scientists, veterinarians, academicians, consultants, students, and members of industry around the world. Now, S-PAC is being used in the classroom too, providing students with convenient access to real-world application of current science! New conferences and new conference proceedings are added frequently, continuously increasing the value of this one-of-a-kind tool.

## Northeast Branch Report

The ADSA-ASAS Northeast Branch/Section has undergone significant change in the last several years. For quite a time, the primary discussion topic at the annual business meeting and luncheon was the fact that we did not generate as many dollars as we spent on supporting graduate student travel and awards for both graduate students and professional members. A little over two years ago, the board had numerous conference calls to discuss what could be done. At that time, it was recognised that, as our only activities were the graduate student competition and the annual business meeting and luncheon, the visibility (or lack thereof) of the Northeast Branch/Section would not support considerable development activities. It was also recognised that ASAS supports the sectional meetings to put on a symposium. Last year we did not have time to organize a symposium, but we invited a keynote speaker to address the business meeting and attend the luncheon. This year, at the JAM in Phoenix, we were able to change our format to include a symposium, followed by the business meeting and a reception. The symposium was titled, "The Future of Animal Agriculture Programs in the Northeast in the Face of Reducing Animal Holdings on Campus." The speakers included Matt Wilson (West Virginia University) standing in for Terry Etherton (Penn State University), Maynard Hogberg (Iowa State University), and Dana Putnam (Balchem Animal Nutrition and Health). The symposium was very well attended and the discussion was quite lively. In addition, we recognized the graduate students who participated in the competition and provided additional support to the top three finishers. By all measures, our new approach was successful and we look forward to continued success and increased visibility of the Northeast Branch/Section. If members have ideas for particularly timely and relevant symposia topics, please feel free to share them with members of the Northeast Board: Matt Wilson, Lisa Holden (Penn State University), or Ken Griswold (Kemin Industries).

Matt Wilson  
Northeast Branch/Section Board

# ADSA Midwest Branch and ASAS Midwestern Section Report

The annual meeting of the Midwest Branch of ADSA and Midwestern Section of ASAS will be held March 11–13, 2013, at the Hy-Vee Hall and renovated Veterans Memorial area in Des Moines, Iowa. Symposia will highlight the technical program and cover a wide range of interesting topics:

- Billy Day Symposium: Sow housing
- Genotyping technologies and their application in breeding programs
- Fetal programming
- Addressing high commodity prices by maximizing forage resources
- Effects of different rumen bypass fat sources on milk fat production and reproduction
- Characteristics of the follicular microenvironment and oocyte that impact fertilization, embryonic development, and pregnancy success
- Involving undergraduate students in animal sciences research: Best practices and benefits
- David Baker Symposium: Modeling amino acid requirements
- (New in 2013): Inaugural O. G. Bentley Lectureship: Mucosal immunity and pathogenesis

In addition to the symposia, young ADSA and ASAS scholars will present invited papers that highlight their work in oral presentation sessions throughout the meeting. This will be the seventh year for the Young Dairy Scholar Program and the fourth year for the Young Animal Science Scholar Program.

An important component of the Midwest meetings is the opportunity to recognize achievements by our colleagues. Please nominate deserving candidates for the Young Animal Scientist Award for Teaching, Extension, or Research; the Agribusiness Award; the Innovation in Dairy Research Award; the National Pork Board Research and Education Awards; and the Stahly Award for Swine Nutrition. Details for qualifications and submission of nominations can be found on the Midwest website (<http://adsa.asas.org/midwest/awards.asp>).

The Midwest meeting organizers understand the importance of supporting undergraduate and graduate student professional development as animal scientists. Specific sessions are designated for oral and poster competition sessions for PhD, MS, and undergraduate students. For the second time, there will be a student lunch-and-learn, which will feature speakers focusing on communication topics. An integral part of the Midwest meetings is the undergraduate Academic Quadrathlon (AQ), and Iowa State University (Ames) will host the laboratory practicals and oral presentations on the first day. The preliminary and final quiz bowl rounds will be conducted on the second day in Des Moines. The quiz bowl final follows the opening reception on March 11. The opening reception will include an invited keynote speaker.

Abstract submission is conducted online at <http://www.asas.org/asas-sections/midwest-section>. Details on the abstract submission deadline will be forthcoming. This website will provide further details of the meeting as they are finalized. We encourage all members to consider submitting an abstract of their original research work to the Midwest meetings.

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# ADSA Southern Branch Report

The Southern Branch of ADSA held its graduate student paper competition, annual symposium, and business meeting on July 16, 2012, at the Joint Annual Meeting in Phoenix, Arizona. Although three papers were entered in the graduate student paper contest, only two were presented; the winner was R. A. Black (University of Kentucky) and the runner-up was A. N. Vanderlick (Texas A&M University).

The symposium theme was *Meeting the Nutrient Requirements of Dairy Cattle During Heat Stress*, and the topics and speakers were “Heat stress in young dairy calves,” C. C. Williams (Louisiana State University, Baton Rouge); “Managing heat stress in dairy heifers,” R. E. James (Virginia Tech, Blacksburg); “Impact of management on feeding dairy cows in heat stress,” G. Bethard (Dairy Records Management Systems, Raleigh, NC); “Lactating cows and changes in dry matter intake during heat stress,” J. W. West (University of Georgia, Tifton); “Use of fat and other feed additives in heat-stressed cattle,” L. H. Baumgard (Iowa State University, Ames); and “Feeding dairy cattle in a grazing system during heat stress,” J. K. Bernard (University of Georgia, Tifton).

At the end of the symposium, the annual business meeting was called to order by Christie Stanley (TX). Agenda items included reading of minutes from 2011 Annual Business Meeting, Financial Report, Student Affiliate Division, Dairy Challenge, Honor Award, and Committee Reports. The recipient of the 2012 Southern ADSA Branch Honor Award was Cathy Williams (Louisiana State University). This year, Christie Stanley retired as the outgoing president of the Southern ADSA Branch and was recognized for her outstanding service. The 2012 officers are Kas Ingawa (NC), president; Jeffrey Bewley (KY), vice president; Shannon Davidson (NC), secretary/treasurer; and Stephanie Ward (MS) and Mark Hanigan (VA), directors.

**Kas Ingawa**

ADSA Southern Branch President

# Student Affiliate Division Update

The national meeting of the Student Affiliate Division (SAD) of ADSA was held in conjunction with the JAM, July 14–17, 2012, in Phoenix, Arizona. The meeting offered opportunities for networking, education, and lots of fun!

Members of both SAD and the Graduate Student Division (GSD) enjoyed a tour of Shamrock Farms, a 10,000-cow dairy that produces all the milk for Subway restaurants nationwide. Notable social events for SAD included a dinner at Majerle's Sports Grill on Saturday night and a pool party at the SAD hotel on Monday night. These events allowed students to network with one another and forge new friendships.

There was also plenty of networking to be done with dairy industry professionals in attendance at JAM. Students had the opportunity to attend scientific presentations by professionals, graduate students, and their fellow undergraduates competing in various divisions of the Undergraduate Paper Presentation Contest. Students also had the chance to compete in the Quiz Bowl Competition with other students from their school. Additional competitions included Outstanding Chapter Website, Outstanding Chapter Yearbook, Outstanding Electronic Yearbook, and Outstanding Chapter Scrapbook. Other activities included a career symposium, business meetings, and election of the 2012–2013 SAD officers and advisors.

The 2012–2013 SAD officers and advisors are Emily Krekelberg, University of Minnesota (president); Cory Robbins, North Carolina State University (first vice president); Mandy Brazil, Cal Poly, San Luis Obispo (second vice president); Tyler Boyd, Virginia Tech (third vice president); Anna Gibson, Washington State University (secretary-treasurer); Pamela Mayo, University of Florida (officer at large); Dale Olver, Penn State University (first-year advisor); Kas Ingawa, North Carolina State University (second-year advisor); and Mary Sowerby, University of Florida (third-year advisor).

Award winners included Leah Henkes, Iowa State University (Genevieve Christen Award); Laruen Mayo, University of Florida (Outstanding Student Award); Larry Fox, Washington State University (Outstanding Advisor Award); Nathan Leckie, Clemson University (first place in Dairy Foods paper presentation competition); Emily Stayduhar, The Ohio State University (first place in Production paper presentation competition); Sarah Schmidt, Michigan State University (first place in Original Research paper presentation competition).

School award winners included Penn State University (first place, Quiz Bowl); Virginia Tech (Outstanding Chapter Award); University of Minnesota (first place, Chapter Yearbook); Penn State University (first place, Chapter Scrapbook); Penn State University (first place, Electronic Chapter Yearbook); Penn State University (first place, Chapter Website); and Penn State University (Chapter with Most Miles Travelled).

Plans for the coming year for SAD include increasing participation in regional and national meetings, introducing an undergraduate poster contest, and continuing to create networking and educational opportunities for all SAD members.

For more information about ADSA-SAD, please visit <http://www.adsa.org/Membership/StudentResources/StudentAffiliateDivision.aspx>.

**Emily Krekelberg**  
ADSA-SAD National President

# Graduate Student Division Update

JAM 2012 was very successful for the Graduate Student Division (GSD)! New members enrolled, new events were introduced, and new ideas were formed. At JAM 2012, the new advisory team was introduced: Rachel Campbell, North Carolina State University (president); Amanda Sterrett, University of Kentucky (vice president); Michael Adams, Cornell University (secretary); Gosia Zobel, University of British Columbia (treasurer); Steve Beckman, Cornell University (Dairy Foods director); Keena Mullen, North Carolina State University (Dairy Production director).

The GSD joined ADSA-SAD members for a tour of Shamrock Farms, a 10,000-cow dairy in Stanfield, Arizona. JAM 2012 included the first-ever Dairy Tales, where students talked about their respective research fields and the importance they have on the future of dairy. This year's Career Insights lunch format was a huge success, allowing students to engage in casual conversations with six representatives from industry and academia. The ADSA-ASAS Joint Graduate Student Symposium, "From Hypothesis to Manuscript: How to conduct valuable and efficient research," provided attendees with insight on those things that are important to the success of graduate students yet are not often presented to them early in their careers. Responses from the post-JAM GSD survey indicated that the GSD members enjoyed the GSD JAM events and that the GSD is moving in the right direction. Among survey respondents, the ADSA-ASAS Joint Graduate Student Symposium was the most highly attended event (52/72 respondents) and was the most highly rated (7.8 out of 9), followed by Dairy Tales and the Social Mixer. There are currently 465 graduate student members of ADSA (318 Production; 86 Dairy Foods; and 61 unspecified) and 57 transitional members. Check out the fall GSD [Newsletter](#) for more detailed information on all these events and more!

**Rachel Campbell**  
GSD President

# Discover Conference Series



The **23rd ADSA Discover Conference**, *Bovine Immunology: The Intersection of Innate and Acquired Immunity*, was held May 29 to June 1, 2012, at the Eaglewood Resort and Spa, Itasca, Illinois. The themes for the 23rd Discover Conference were immune system effects on calf growth and health; innate immunity in the transition period; vaccine responsiveness; genetic variation in immune-related traits; and management interactions with immunity.

The total registration for the conference was 158, representing 10 countries, 32 US states, 32 universities, at least 55 companies/consulting groups, and several graduate students. Excellent support was provided by 13 sponsors, including 3 new Discover sponsors. The conference co-chairs were Chris Chase (South Dakota State University) and Barry Bradford (Kansas State University). The other program committee members were Amelia Woolums (University of Georgia), Matthew R. Waldron (University of Missouri), Lorraine M. Sordillo (Michigan State University), Clint Loest (New Mexico State University), and Monica Foote (Food and Drug Administration/Danascara Cheese).

The **24th ADSA Discover Conference**, *New Developments in Rumen Microbiology and Their Potential to Improve Animal Performance*, held September 10–13, 2012, at the Northern Illinois University Conference Center (Naperville, Illinois) was quite successful. Conference co-chairs were Paul Weimer (USDA-ARS) and Jeffrey Firkins (The Ohio State University). The other program committee members were T. G. Nagaraja (Kansas State University); Todd Callaway (USDA-ARS); Monty Kerley (University of Missouri); Adegbola Adesogan (University of Florida); and Tim McAllister (Agriculture and Agri-Food Canada, Alberta).

The total number of registrations for the conference was 147, representing 8 countries, 25 US states, 22 universities, at least 55 companies/consulting groups, and several graduate students. Support was provided by 13 sponsors, including 5 new Discover sponsors.

The conference themes for *Rumen Microbiology* were methods for assessing microbial communities and activities; the ruminal microbiome; the microbiome, animal production and animal health; ruminal processes: present status and future opportunities; and manipulating the microbiome.

The **25th ADSA Discover Conference**, *New Developments in Immunity, Nutrition, and Management of the Preruminant Calf*, is scheduled for May 28–31, 2013, at the Eaglewood Resort and Spa, Itasca, Illinois.

The conference co-chairs for the conference are Peter Erickson (University of New Hampshire) and Geof Smith (North Carolina State University College of Veterinary Medicine). The other DC25 program committee members are Bob James (Virginia Tech), Jim Drackley (University of Illinois), Al Kertz (ANDHIL LLC), Mike Van Amburgh (Cornell University), and Amelia Woolums (University of Georgia College of Veterinary Medicine).

The **26th ADSA Discover Conference**, *Dairy Feed Efficiency*, is scheduled for fall 2013 in the Chicago area. The conference co-chairs are Rich Erdman (University of Maryland) and Mike

*Continued on next page*



VandeHaar (Michigan State University). The remaining program committee members are Normand St-Pierre (The Ohio State University), Kent Weigel (University of Wisconsin), Diane Spurlock (Iowa State University), and Lou Armentano (University of Wisconsin).

Potential conference themes for *Dairy Feed Efficiency* are biological limitations on feed efficiency, nutritional management of feed efficiency, management effects on feed efficiency, genetics of feed efficiency, and effects of improved feed efficiency on sustainability.

Registration and program information for the 2013 Discover Conferences is available at <http://www.adsa.org/Meetings/DiscoverConferences.aspx>. Please note the sponsor logos for each conference at the same website: sponsor contributions help ensure the success of a conference and are greatly appreciated.

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# Thanks to EAAP for Sponsoring Two Speakers in Phoenix

Two members of the European Association of Animal Production (EAAP) were invited to speak at the Joint Annual Meeting in Phoenix, Arizona, in July, as part of the ADSA-EAAP Speaker Exchange Program. Donagh Berry was a speaker in the Cell Biology symposium: Genetics of feed efficiency in dairy and beef cattle (abstract 474), and Miguel de la Fuente was a speaker in the Dairy Foods symposium: Bioactive components in sheep milk and products (abstract 484).

## Federation of Animal Science Societies Congressional Science Fellowship 2013–2014 INVITATION FOR APPLICATIONS

FASS is pleased to announce the 2013 FASS Congressional Science Fellowship invitation for applications, with an application submission deadline of **February 1, 2013**. The purpose of the fellowship is to make practical contributions to the more effective use of scientific and technical knowledge in government, to demonstrate the value of science–government interaction, and to provide a unique learning experience for the recipient.

**A PhD in an area of animal sciences is required.** Applicants must be legally authorized to work in the United States. Proof of an applicant's legal right to work in the United States may be requested prior to being hired.

**Who would be a likely candidate?** This experience is valuable to a junior member of ADSA, ASAS, or PSA with relevant career objectives and interests. Perhaps an established faculty member would want to combine this program with a sabbatical leave to gain experience in public policy issues and governmental processes. An administrator in the land-grant system or an industry organization might find this sort of opportunity rewarding and useful.

The fellow selected will spend one year working as a special legislative assistant on the staff of a member of Congress or of a congressional committee, advising on a wide range of scientific issues as they pertain to public policy. The program includes an orientation on congressional and executive branch operations and a yearlong seminar program on issues involving science and public policy.

The position will begin September 1, 2013, and will continue through August 31, 2014. FASS requires attendance at the AAAS orientation session in late August 2013. For further information and application materials, see <http://www.fass.org/positions.asp> or e-mail [jamier@assoqh.org](mailto:jamier@assoqh.org).

**Application deadline is February 1, 2013. We invite all interested scientists to apply.** Please feel free to share the announcement with anyone who may be qualified and have a potential interest in this experience.

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# 2012–2013 Meeting Dates and Deadlines

## **ADSA Midwest Branch and ASAS Midwestern Section**

March 11–13, 2013, Des Moines, Iowa

Abstract submission deadline: November 20, 2012

Award nomination deadline: November 20, 2012

Meeting website: <http://www.asas.org/asas-sections/midwest-section/meetings/next-meeting>

## **25th Discover Conference**

New Developments in Immunity, Nutrition, and Management of the Preruminant Calf

May 28–31, 2013

Eaglewood Resort and Spa, Itasca, Illinois

## **ADSA-ASAS Joint Annual Meeting**

July 8–12, 2013, Indianapolis, Indiana

Abstract submission deadline: February 13, 2013

ADSA Award nomination deadline: Part 1–January 18, 2013; Part 2–February 11, 2013

Meeting website: <http://jtmmtg.org/2013/>

## **ADSA Northeast Branch and ASAS Northeastern Section**

July 8–12, 2013, Indianapolis, Indiana

Abstract submission deadline: February 13, 2013

Award nomination deadline: TBA

Meeting website: <http://jtmmtg.org/2013/>

## **ADSA Southern Branch**

July 8–12, 2013, Indianapolis, Indiana

Abstract submission deadline: February 13, 2013

Award nomination deadline: TBA

Meeting website: <http://jtmmtg.org/2013/>

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# Future Meetings

## **ADSA Midwest Branch and ASAS Midwestern Section**

March 11–13, 2013

Des Moines, Iowa

## **25th Discover Conference**

*New Developments in Immunity, Nutrition, and  
Management of the Preruminant Calf*

May 28–31, 2013

Eaglewood Resort and Spa

Itasca, Illinois

## **ADSA-ASAS Joint Annual Meeting**

July 8–12, 2013

Indianapolis, Indiana

## **26th Discover Conference**

*Dairy Feed Efficiency*

Fall 2013

Location TBD (Illinois)

## **ADSA-ASAS Joint Annual Meeting**

July 20–24, 2014

Kansas City, Missouri

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