
Contents

| 2017 ADSA Board of Directors | 1 |
| 2018 Meeting Call for Abstracts | 2 |
| 2017 Annual Meeting Sponsors | 4 |
| 2017 ADSA Award Winners | 5 |
| 2017 ADSA Awards Sponsors | 6 |
| Letter from the ADSA President | 8 |
| Letter from the ADSA Foundation Chair | 9 |
| Letter from the JDS Editor-in-Chief | 10 |
| Letter from the FASS President | 13 |
| ADSA Northeast Branch Report | 14 |
| ADSA–ASAS Midwest Report | 15 |
| ADSA Southern Branch Report | 16 |
| Student Affiliate Division Update | 17 |
| Graduate Student Division Update | 18 |
| Discover Conference Series | 19 |
| 2017 Foundation Donors | 21 |
| 2017–2018 Foundation Board of Trustees | 21 |
| 2017–2018 ADSA Board of Directors | 22 |
| Corporate Sustaining Members | 23 |
| Future Meeting Dates and Deadlines | 24 |
2018 ADSA Annual Meeting

Call for Abstracts

The abstract submission site for the 2018 ADSA annual meeting is now open! Visit https://www.adsa.org/2018/call to submit your abstract. Submission instructions, quality standards, answers to frequently asked questions, and student competition guidelines are available on the page.

The deadline for abstract submission is February 21, 2018, at 11:59 pm (Central Time).

The 2018 ADSA annual meeting website (https://www.adsa.org/2018/) will be updated frequently with the latest meeting information, so visit often. Housing will open in late October 2017, and meeting registration will be available in early February 2018.

The 2018 ADSA annual meeting scientific program will feature 1,100 oral and poster presentations from around the globe. Make sure yours is included when 1,900 scientists from dozens of countries meet in Knoxville. Benefit from symposia, workshops, and preconference events presented by the world’s leading dairy foods and production specialists. Topics include dairy food science, dairy production, animal health and well-being, animal and human nutrition, food safety, and production and management. As always, the success of the ADSA annual meeting begins with the quality of the science presented—we look forward to your contributions to this global gathering of animal and dairy scientists.

Thank you!
2018 ADSA Annual Meeting
Program Committee

2018 Annual Meeting Note

The 2018 ADSA® annual meeting will be held June 24 to 27 in Knoxville, Tennessee. Please note that the meeting will open on Sunday evening and end Wednesday afternoon. There are preconference (Sunday) events planned as well. Make your plans now to attend the 2018 ADSA annual meeting. You can find more information at the official meeting website: https://www.adsa.org/2018.
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 vice president, ADSA director from the Dairy Foods division, and ADSA director from the Production division. Please send your nominations via email to Morgan Montgomery (morganm@assochq.org) or by mail (Attn. Morgan Montgomery, ADSA, 1800 S. Oak St., Ste. 100, Champaign, IL 61820).

2018 Annual Meeting Planning Underway

The 2018 ADSA Annual Meeting in Knoxville is set to be the most comprehensive, insightful, and thought-provoking dairy conference to date. With the aim of “integrating dairy science globally,” the program committee is working diligently to develop a scientific program that will provide scientists, technical support professionals, teachers, students, and industry representatives a rich venue for discussion and exchange of the latest information in dairy science.

As a result of the extraordinary response to the call for symposia, outstanding membership involvement, and remarkable work of the volunteers that compose the program committees, the 2018 ADSA meeting will feature 18 scientific sections, involving oral and poster presentations, and more than 20 symposia and workshops that will enable in-depth discussion of the latest scientific findings and dairy industry issues on a global platform.

The overall schedule of the meeting will be similar to that of the 2017 annual meeting. The meeting will take place from Sunday morning (June 24) until Wednesday afternoon (June 27), and includes some pre- and post-conference events. This schedule is expected to highlight associated events and facilitate travel arrangements, particularly for attendees coming from abroad. At the present time, confirmed pre-conference events (on Sunday) include 4 workshops that will provide an unique opportunity for learning about undergraduate/graduate education, dairy records management, nutrition models, and sporeforming bacteria detection and control strategies. Naturally, science will also take center stage during the main conference, which is denoted by the following highlights: Two platform symposia, the Joint ADSA/NMC Animal Health Symposium, ADSA Multidisciplinary and International Leadership Keynote (MILK) Symposium, Dairy Foods: Processing: Emerging processing technologies to improve quality and functionality of dairy ingredients, and the ADSA GSD Symposium: Writing in the Dairy Sciences, just to name a few.

The scientific program and associated events along with a wonderful city that is a hidden gem in a unique location where mountains meet music … art meets adventure … culture meets cuisine … and no one meets a stranger. Knoxville offers many convenient and reasonably priced hotels, closely located unique dining options, and many area attractions—historic sites, local music, art museums, and more. We look forward to seeing each and every one of you at the 2018 ADSA meeting!

Cathy Williams
2018 Overall Program Chair
2017 Annual Meeting Sponsors

**Platinum Level**
- Biomin

**Gold Level**
- American Dairy Science Association
- Chr. Hansen
- Innovation Center for US Dairy
- Elanco
- National Dairy Council
- Pancosma

**Silver Level**
- Diamond V
- European Federation of Animal Science
- National Animal Nutrition Program

**Bronze Level**
- Adisseo
- Ajinomoto Heartland Inc.
- Balchem
- Central Life Sciences
- Dairy Nutrition Plus
- Dean Foods
- DSM
- Feed Components
- Jefo Nutrition Inc.
- Kemin
- Micronutrients
- Phibro Animal Health Corporation
- Precision Dairy Farming Association
- Semex
- Vetagro

**Donors**
- Adisseo
- Adifo Software
- Agropur Dairy Cooperative
- GrowSafe Systems

**Contributors**
- Arm and Hammer Animal Nutrition
- Center for Dairy Excellence
- McNamara Research in Agricultural Firm LLC
- QualiTech
- Virtus Nutrition
- Zoetis

**ADSA Student Event Sponsors**
- Adisseo
- Arm & Hammer
- Bar Diamond
- Dairy Nutrition and Management Consulting
- Daisy Foods
- DFA
- Glanbia
- Elanco Animal Health
- Jack Britt
- Kemin
- Lallemand Animal Nutrition
- Novus International
- Provimi
- Purina Animal Nutrition
- Schreiber Foods
- Select Sires

Thank you to all sponsors for your support of the 2017 ADSA Annual Meeting!

---

**2017 Annual Meeting Statistics**

**Symposia**
- Oral: 539
- Poster: 627
- Total: 1,163

**Attendees**
- 1,909 scientific attendees
- 49 countries represented
2017 ADSA Award Winners

**Alltech, Inc. Graduate Student Paper Publication Award**
Curtis W. Park

**American Feed Industry Association Award**
Mark D. Hanigan

**Cargill Animal Nutrition Young Scientist Award**
Heather M. White

**DeLaval Dairy Extension Award**
David M. Barbano

**Elanco Award for Excellence in Dairy Science**
Marcus E. Kehrli Jr.

**Hoard’s Dairyman Youth Development Award**
Kasim H. Ingawa

**International Dairy Foods Association Research Award in Dairy Foods Processing**
Craig J. Oberg

**International Dairy Foods Association Teaching Award in Dairy Manufacturing**
Michael J. Miller

**J.L. Lush Award in Animal Breeding**
Robert J. Tempelman

**Lallemand Forward Award for Scientific Excellence in Dairy Nutrition**
Michael A. Ballou

**National Milk Producers Federation Richard M. Hoyt Award**
Sara K. Kvidera

**Nutrition Professionals, Inc. Applied Dairy Nutrition Award**
Masahito Oba

**Purina Animal Nutrition Teaching Award in Dairy Production**
Lawrence K. Fox

**West Agro Inc. Award**
Scott McDougall

**Zoetis Physiology Award**
Lorraine M. Sordillo

**Genevieve Christen Distinguished Undergraduate Student Award**
Kayla Alward

**ADSA Foundation Scholar Award in Dairy Foods**
Jayendra K. Amamcharla

**ADSA Foundation Scholar Award in Dairy Production**
Laura L. Hernandez

**ADSA Award of Honor**
Leo Timms

**ADSA Distinguished Service Award**
R. Paul Ross

**ADSA Fellow**
David R. McCoy
Charles R. Staples
Diane L. Van Hekken
Steven P. Washburn

**Journal of Dairy Science® Most-Cited Awards**

**Dairy Foods**
Elisa Morais

**Physiology and Management**
José Eduardo P. Santos

**Nutrition, Feeding and Calves**
Joanne Knapp

**Genetics and Breeding**
Massimo De Marchi
Thank You to the
2017 ADSA Awards 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; ADSA Foundation Scholar in Dairy Foods; Genevieve Christen Distinguished Undergraduate Student Award

Alltech Biotechnology Center
Alltech Graduate Student Paper Publication Award

American Feed Industry Association
American Feed Industry Association Award

Cargill Animal Nutrition
Cargill Young Scientist Award

DeLaval Inc.
DeLaval Dairy Extension Award

Elanco Animal Health–Eli Lilly & Co.
Elanco Award for Excellence in Dairy Science

Elsevier
JDS Most-Cited Awards

Hoard’s Dairyman
Hoard’s Dairyman Youth Development Award

International Dairy Foods Association
Research Award in Dairy Foods Processing; Teaching Award in Dairy Manufacturing

Lallemand Animal Nutrition
Forward Award for Scientific Excellence in Dairy Nutrition

National Dairy Council
Graduate Student Paper 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

Nutrition Professionals Inc.
Nutrition Professionals Inc. Applied Dairy Nutrition Award

Purina Animal Nutrition
Teaching Award in Dairy Production; Graduate Student Poster Contest—MS and PhD Divisions

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

West Agro Inc.
West Agro Inc. Award

Zoetis Animal Health
Zoetis Animal Health Physiology Award
2018 ADSA Award Nominations

Do you know a prospective ADSA award winner? If so, it is time to nominate that person for a 2018 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 https://www.adsa.org/Membership/ADSAwards.aspx for general information, policies and procedures, award history, and more.

Communication with all involved in the process will be via email; accurate email addresses are necessary. The nomination process has two deadlines:
- January 8, 2018: Initial nominations are due.
- February 19, 2018: 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 Morgan Montgomery at 217-356-5146 ext. 156 or by email: morganm@assocchq.org.

Key ADSA Staff

Contact the ADSA business office with questions about membership renewal, invoices, address changes, annual meeting registration, award information, and journal subscription and with editorial questions.

**General society questions:**
Contact Vicki Paden, ADSA administrative assistant, by email: vickip@assocchq.org or phone: 217-356-5146 ext. 110, or Morgan Montgomery, ADSA executive assistant, by email: morganm@assocchq.org or phone: 217-356-5146 ext. 156.

**Journal policy, copyright, and licensing questions:**
Contact Susan Pollock, managing editor for JDS, by email: susanp@assocchq.org or phone: 217-356-3182 ext. 152.

**JDS style and form questions and manuscript submission requirements:**
Contact a technical editor by email: journals@assocchq.org.

**ScholarOne and JDS reprint questions:**
Contact Shauna Miller, JDS editorial assistant, by email: shaunam@assocchq.org or phone: 217-356-3182 ext. 139.

**ADSA Foundation questions:**
Contact Peter Studney, ADSA executive director, by email: peters@adsa.org or phone: 217-356-5146 ext. 111.

**Discover℠ Conference questions:**
Contact Larry Miller, director, ADSA Discover Conferences, by email: larryrmiller@atlanticbb.net or phone: 443-262-8270, or Molly Kelley, coordinator, ADSA Discover Conferences, by email: mollyk@adsa.org or phone: 217-684-3007.

**S-PAC questions:**
Contact Ken Olson by email: keolson@prodigy.net or phone: 630-237-4961.

**ADSA Undergraduate Student Affiliate Division:**
Contact Molly Kelley, coordinator, ADSA Student Affiliate Division, by email: mollyk@adsa.org or phone: 217-684-3007.

**ADSA Graduate Student Division:**
Contact Kasey Klein, coordinator, ADSA Graduate Student Division, by email: kaklein83@gmail.com or phone: 217-714-1186.
It has been an honor to serve you as the president of our great organization. ADSA is a uniquely positioned professional organization, for several reasons—not only does the organization embrace dairy science from farm to table, but it also consists of all types of members from around the world, who are passionate about and value making contributions to the dairy sector. Thus, being the president of this organization is quite a humbling experience.

As I begin my first message, I thank everyone who contributed to the outstanding meeting in Pittsburgh: the overall program committee, program committee members, symposium organizers and speakers, oral and poster presenters, exhibitors, sponsors, all attendee participants, FASS (especially Jeremy Holzner, Cara Tharp, and Morgan Montgomery), and of course, Peter Studney, our executive director, for their efforts, planning, and execution to make our first stand-alone meeting in 17 years exceptional. I’m sure that those of us in attendance would echo these thanks as well.

As we look forward to this year, one of the board’s major action items is to update and begin to implement our new strategic plan. Last spring, then-President Lou Armentano invited various members representing different segments of our organization to attend a one-day strategic planning session immediately prior to the Pittsburgh meeting. Past President Sue Duncan led the June workshop, in which participants created 11 strategic initiatives under Goals B and C, established for the 2017–2022 strategic plan:

• Goal (A) Journal of Dairy Science will be the premier dairy science journal that publishes the best scholarly findings (a full-day JDS strategic planning session is slated for February 9, 2018),

• Goal (B) Provide the premier global dairy science meeting, and

• Goal (C) Enhance our visibility to members and nonmembers as the world’s leading authority in farm-to-table dairy science.

The strategic plan has been posted on the ADSA website under About ADSA/Corporate Documents. Please review this document and provide your ideas (to me) for initiatives that will move ADSA closer to attaining these goals. Our overarching goal is to be the world authority on dairy science by presenting the work of our members, in meetings and through the Journal of Dairy Science. Throughout this year and the next four, we will create strategic initiatives and identify volunteer members to take these goals forward through developing and implementing detailed action plans. If you are interested in volunteering or are asked to take part in an activity, I encourage you to get involved, because ADSA will be the strongest when we are all engaged in moving ADSA forward. As an organization, we are grateful to those who have participated or volunteered to deliver on a 2017–2018 strategic initiative, and we are looking forward to the outcomes.

In Pittsburgh, you saw and hopefully participated in our celebration of 100 years of the Journal of Dairy Science. Under the leadership of our editor-in-chief, Matt Lucy, we honored a very special group of authors—those who have published 100 (or more) articles in the journal. Additionally, the board discussed what is to come next. Our journal is highly valued for its ability to provide the latest information on a wide range of topics relevant to those involved in the dairy sector, as indicated by its growth in published articles. Can ADSA do even more? Stay tuned.

To close, here’s a quick update on other ongoing activities. Cathy Williams, our 2018 overall program committee chair,
Karen Schmidt
ADSA President

Letter from the ADSA Foundation Chair

The ADSA Foundation continues to be active in its pursuit of providing educational and scientific activities for the betterment of the dairy industry.

Most notably in recent endeavors, Large Dairy Herd Management was finalized for publication and released for sale in June 2017.

The 33rd ADSA Discover℠ Conference on Food Animal Agriculture: Integrated Solutions to Fiber Challenges was held in September 2017 at the Westin Chicago Northwest in Itasca, Illinois. The conference was well attended. The conference addressed integrated plant requirements, rumen microbiology, and animal requirements through presentations, discussion groups, and panel presentations.

The 34th ADSA Discover Conference on Food Animal Agriculture: Reexamining Amino Acid and Energy Interactions in the Dairy Cow is scheduled for May 29–June 1, 2018, and will be held at the Eaglewood Resort and Spa in Itasca, Illinois. The conference will focus on the interactions of metabolizable amino acids and energy sources in lactating dairy cattle. The topic is important to the dairy industry because these nutrient classes do not function in isolation—each alters utilization of the other. This topic is timely because of its major effect on the environmental and economic sustainability of dairy production. The Discover Conference will provide a venue for discussions about interactions of energy and amino acids and be an important source of new information. Conference topics include pre- and post-absorptive interactions, changes in energy and amino acid interactions over the lactation cycle, translating dynamic elements of nutrient metabolism into feeding systems, and research gaps for the dairy industry.

The ADSA Foundation thanks the many people who are working to help us accomplish our mission. Special thanks are extended to the FASS staff for their help in pulling together the Large Dairy Herd Management conference and ebook. We also thank Dave Beede and his team of section editors and chapter authors for their work on the conference and ebook. Special thanks go to the organizers of the Discover Conferences for the time and effort they put into organizing these conferences. The Discover Conferences continue to be an important part of the Foundation’s mission. Finally, we thank the members of the dairy industry for their generous sponsorships of the Large Dairy Herd Management conference and ebook as well as the Discover Conferences. Your generosity is greatly appreciated.

Bob Roberts
ADSA Foundation Chair
Thank you for the opportunity to serve as editor-in-chief (EIC) of the Journal of Dairy Science. This fall marks the beginning of my fourth year as EIC and the conclusion of the first 100 volumes of the journal. I think that ADSA can be very pleased with the first 100 volumes. They contain a remarkable history of dairy science told through the pages of a scientific journal.

We continue to make day-to-day improvements to the journal so that our members, authors, and readers are well served. Some of the things that we do are small, and you may not notice the change. Others are larger and may affect the journal in the long term. In all cases, I would like to acknowledge the very dedicated FASS staff, who always do their best to ensure that JDS remains second to none as a dairy science research publication.

Over the summer, we recruited new members to the editorial board and new section editors to the journal. The number of editorial board members is based on the number of papers coming into each section. The 2018 editorial board includes 16 members in Animal Nutrition; 8 members in Breeding, Genetics, and Genomics; 24 members in Dairy Foods; 19 members in Health Behavior and Well-Being; 7 members in Management and Economics; and 11 members in Physiology (85 members total). Several section editors are retiring this year including John Vicini (senior editor—Nutrition), Jennie Pryce (senior editor—Breeding, Genetics, and Genomics), Normand St-Pierre (Management and Economics), Kerst Stelwagen (senior editor—Physiology), and Helga Sauerwein (Physiology). Thank you to these individuals for their many years of service!

We recruited new section editors to fill the vacated spots and balanced the new recruits across sections based on the number of papers coming in to each section. There will be two additional section editors in Dairy Foods (Scott Rankin from Wisconsin and Mike Miller from Illinois). Jeff Firkins (Ohio State), Andrés Legarra (INRA), and Jon Huxley (Nottingham) will be new section editors in Nutrition; Breeding, Genetics, and Genomics (BGG); and Health, Behavior and Well-being (HBW), respectively. Dave Beede will move from Nutrition to Physiology and Gerd Bobe from Oregon State will be a new section editor in Physiology. Senior section editors for 2018 will be John McKillip (Dairy Foods), Paul Kononoff (Nutrition), Christian Maltecca (BGG), Tanya Gressley (HBW), John Roche (Management and Economics), and Stephen Butler (Physiology). Lisbeth Goddik, Federico Harte, and Yves Pouliot will continue as Dairy Foods section editors; Masahito Oba and Zhongtang Yu will continue in Nutrition; Nicolo Macciotta will continue in BGG; Dan Weary, Stephen LeBlanc, and Pam Ruegg will continue in HBW; and Albert De Vries will continue in Management and Economics. Filippo Miglior will continue as our Invited Reviews editor. We will have a midyear meeting in February that includes old and new section editors. There will be section editor training (procedures, expectations, and so on) and also strategic planning for the coming years. As EIC, I truly appreciate the dedication of the JDS section editors. This team really puts in the hours and ensures that JDS maintains its excellence in scientific publishing.

The Journal of Dairy Science will publish the final issue of the 100th volume in December 2017. To commemorate this historic milestone, we will include a series of 30 review articles in the issue. The authors were selected based on their stature, expertise, authorship experience, and historical knowledge. The willingness of such a large group of assembled authors to participate in the project has been very gratifying. John McNamara (spe-
cial issue editor for the December issue) has got the job done and I truly appreciate his leadership and hard work! I would also like to acknowledge the financial support of the ADSA Foundation for this very important project.

You should have received an email from ADSA announcing that, starting in 2018, page charges paid by ADSA members for JDS articles will decrease from $85 to $65 per page. The original goal of fully eliminating page charges with interest from the superfund is no longer viable because the journal has grown very large while investment income has declined over time. A partial reduction in page charges, however, was possible. The reduced page charges will apply to papers published in 2018 (volume 101) and thereafter. The JDS Member-Author Loyalty Program will be discontinued after 2018. The last group of authors to qualify will be notified in early 2018 (for qualifying papers published in 2015, 2016, and 2017), and those awards must be redeemed for papers published or accepted in 2018.

In closing I would like to remind everyone of two new award programs that we have. First, we will be adding new members to the JDS Club 100 (authors with 100 or more publications in JDS). If you think that you qualify or if you know of a retired member (living or deceased) who you think should qualify, then please send me an email and include a reference list if possible (you know me—trust but verify!). In addition to continuing JDS Club 100, we will begin the Graduate Student Literature Review Award. Graduate students may submit their literature reviews to be evaluated by the journal for publication as review papers. Papers must be prepared according to JDS style and form, contain no more than 30 double-spaced (manuscript) pages, and be submitted to the appropriate scientific section of the journal (not as invited reviews). Students submitting papers should note in the cover letter that the paper is a graduate student literature review, note that they are competing for the Graduate Student Literature Review Award, and indicate the category in which they are competing (PhD Production Division, MS Production Division, PhD Dairy Foods Division, MS Dairy Foods Division).

It is a pleasure to serve the dairy science community through my work as EIC. See you next summer in Knoxville!

Matt Lucy
JDS editor-in-chief
Does Your Institution Subscribe to S-PAC®?

S-PAC® (Searchable Proceedings of Animal Conferences) is now available to academic libraries via an IP address range connection, offered under SERU. Academic libraries can deliver this unique and powerful tool to all faculty and students in dairy, animal science, and veterinary schools for only $350 per year (from day of sign-up)! Join the growing list of academic libraries supporting the animal sciences that now subscribe to S-PAC.

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. S-PAC continues to grow—now at 61 conferences and 608 proceedings. 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 cannot attend the multitude of conferences that S-PAC spans, do the next best thing: subscribe to S-PAC (http://spac.adsa.org/).

Now, S-PAC is being used in the classroom too, providing students with convenient access to real-world applications of current science.

New conferences and new proceedings are added frequently, continuously increasing the value of this one-of-a-kind tool. And, S-PAC houses proceedings that are not published anywhere else on the web!

Ask your librarian to contact Vicki Paden (vickip@assochq.org) today to sign up for a risk-free 30-day free trial.
Letter from the FASS President

One of the joys of serving on the ADSA board, executive board, and now FASS board has been learning about our best-kept secret: FASS. Most of us, as members of ADSA, hear about FASS but really have little knowledge about this association services organization and all that it does for our members. Maybe we are all a little bit like Dorothy in the Wizard of Oz, mystified by how all the wonderful activities of ADSA come together like magic but really just wanting to get our own wish granted. Well, from my journey through the land of FASS, I have come to realize that it’s not simply “the man behind the curtain,” a single wizard, but a whole village of wizards (the FASS staff) who pull off the magic of making ADSA shine, showcasing ADSA so that we, the ADSA members, can go about our business of sharing science. The FASS staff are the magicians who do a “bunch of stuff” to make our journal, annual meeting, events, and other products (Discover Conferences, working to support Larry Miller and Molly Kelley; LDHM; committee coordination; undergraduate, graduate, professional divisions; and so on) come together. Their abilities, as individuals and as a team, to plan, strategize, coordinate, invent, develop, assemble and disassemble, and anticipate and respond are worthy of study—we could all learn from them. FASS is our Emerald City, full of magic and wonder and energy. I would not be surprised to see a cow of many colors in the FASS office.

In the following are the transitions, successes, and challenges at FASS this year.

• Changes in management: Jamie Ritter departed last fall (2016) and Jeremy Holzner moved into the role of FASS executive director. That led to other role changes and a couple of new hires. Of relevance to ADSA, Cara Tharp moved into Holzner’s previous role as director of membership and meetings, with some serious responsibility in making the ADSA annual meeting shine. Morgan Montgomery was hired into Tharp’s former role as administrative assistant for ADSA. Of importance to YOU, make certain your email allows messages from Montgomery. Tharp is the wizard twirling the dials behind the curtain. Holzner truly is the brilliant brain (think of the image of the wizard on the curtain) that orchestrates the whole enterprise.

• Changes in FASS Science Policy team: The FASS Science Policy Committee, led by John McNamara, is working closely with Ken Olson, the new FASS Science Policy coordinator, to bring you the most current information related to food animal agricultural science policy. Policy is never easy to understand, so we are fortunate to have such dedicated people willing to navigate through the dark forest and breach the castle walls to bring back the broom of policy wisdom.

• Success in services: FASS continues to outperform expectations. Financially, revenue exceeds expense every month, while staying on budget. ADSA benefits from this performance because the loan ADSA took to purchase the membership interest of ASAS and PSA will be repaid more rapidly, many years earlier than our planning called for. As you read the other letters in this newsletter, recognize that FASS is integral to the success stories described in each. New clients and new services to existing clients help grow the FASS business. I’m not talking fields of poppies here. This is legitimate!

• Challenges: Still our best-kept secret, FASS continues to seek new clients in the animal and related sciences. Here is one secret that we should all share with other scientific organizations: FASS services are excellent! If you know of other organizations in need of very reasonably priced (FASS is a non-profit organization) meeting or management services, invite them to “follow the yellow brick road” to the land of FASS.

I know that there have been a few frightening moments at FASS that might parallel scenes of apple-chucking trees, scary flying monkeys, and maybe a few cackles that sent shivers down the backs of a few. However, FASS is sitting very securely, right there with ADSA, in the basket ready to take off to new heights. Stay in the basket, Toto! We are all getting our wish!

Sue Duncan
FASS President
ADSA Northeast Branch Report

This summer, the Northeast board also welcomed two new officers: Tara Felix (Penn State University) is our new secretary/treasurer and Dominique Martin (University of Connecticut) is our new graduate student board representative. We thank Kevin Harvatine for his service as president.

The Northeast Branch of ADSA and Northeast Section of ASAS successfully completed our first graduate student video abstract competition. Seven videos were submitted by master’s and PhD students from three universities in the United States and Canada. These videos allowed graduate students in the northeast to present their research in a nontraditional format, use creative techniques and new technologies, and practice their scientific salesmanship. As a whole, the judges appreciated the creativity of the students and the work that went into creating the videos. First place was awarded to Amanda Jones, University of Connecticut; second place was awarded to Mary Wynn, University of Connecticut; and third place was awarded to Caeli Richardson, University of Guelph. Videos can be viewed on the NE ASAS website.

In addition, the Distinguished Service Award was presented to Tom Hoagland (University of Connecticut) and the Young Scientist Award—Educator was presented to Tara Felix (Penn State University). We encourage you to consider nominating eligible members for these awards next year!

Over the past months, the board has had several conversations about potential locations for our future meetings. We appreciate everyone that took the time to complete our survey and are currently working toward options for meeting in 2018. It was clear from the survey results that we have a diverse membership, and we are working very hard to be as inclusive as possible so that as many of our members can participate as possible. Please do not hesitate to contact me if you have any suggestions or comments (or would like to volunteer to help!).

Sarah Reed
ADSA Northeast Branch President
sarah.reed@uconn.edu
ADSA–ASAS Midwest Report

Scholarship, education, awards, and rewards describe, in a nutshell, our Midwest meetings. The joint meeting of the Midwest Branch of ADSA and the Midwest Section of ASAS will once again be held in Omaha, Nebraska, March 12–14, 2018.

The Midwest meetings offer many opportunities for young scientists to either present a poster or do an oral presentation for the first time. There are poster and oral competitions for undergraduates and graduate students, both MS and PhD categories. Over 500 abstracts and posters were present at this year's meeting. The Academic Quadrathlon, or AQ, is a big part of the meetings for undergraduate students. The preliminary rounds start on Sunday (before the meetings) in Lincoln, Nebraska, and finish with the final round at the opening reception on Monday.

Another great opportunity for students of all ages is the chance to meet and build connections. As I observed the attendees at this year’s meeting, I thought about when I was at the beginning stages of my career. I met established professors whom I looked up to and many new people from other universities that became lifelong connections. Now, many faces I knew have retired, and many new faces are taking our place. That is good to see and healthy for our organization.

This meeting is certainly known as “the” swine meeting in the United States. The Stahly/Peo Outstanding Midwest Swine Nutrition Graduate Student award recognizes this type of top-notch work. But this meeting also offers a wealth of information for beef, dairy, and other species scientists. Recognizing their work and achievements is valuable and an important part of this meeting as well. Numerous awards are presented to worthy winners. These include Young Animal and Dairy Scientist Awards for Teaching, Extension, and Research; and the Outstanding Early-Career Agribusiness Award. Please nominate deserving candidates for these awards. Additional information on criteria and qualifications for these awards and where to submit nominations can be found at https://asas.org/sections/midwest-section/awards/award-guidelines.

James Paulson
ADSA Midwest Branch President
jcp@umn.edu
ADSA Southern Branch Report

The ADSA Southern Branch held a symposium and their annual business meeting at the ADSA national meeting in Pittsburgh, Pennsylvania, in June 2017. The Southern Branch symposia focused on making quality milk in the SE region, and speakers discussed research from the SE Milk Quality Initiative as it related to reducing somatic cell counts and incidence of mastitis. Additionally, researchers discussed the efficacy of various organic mastitis treatments and the future implications for growth of that market.

Student Activities

The Southern Branch reported a very active year for students enrolled in dairy programs across the SE region. The Southern Regional Dairy Challenge competition was hosted by the University of Georgia (UGA) and Leatherbrook Holsteins in Cordele, Georgia. More than 50 students from 10 schools competed in the challenge. The Southern ADSA committee extends a great deal of thanks to the planning committees and host farms for their efforts in executing a very successful contest, especially as students prepared to attend the national competition in the spring. The southern regional contest will be hosted by the University of Florida, November 12–14.

Cathy Williams also reported on the Southern Branch of ADSA Student Affiliate Division, which was hosted by Louisiana State University in February 2017. Eleven schools were in attendance. Virginia Tech took home first place in quiz bowl but had a great match again UGA, who came in second place. The first place winner in dairy foods paper presentation was also from UGA. First place in dairy production and original research went to West Virginia University and North Carolina State, respectively. North Carolina State also won the website competition and was voted the Outstanding Chapter for 2017. Kayla Alward, from UGA, was voted Outstanding Student.

Awards and Recognitions

The Southern Branch Graduate Student Paper competition had seven abstracts submitted at the 2017 meetings. First place went to Ashley Diehl from UGA, followed in second place by Wy Yong from Virginia Tech. Sara Allen Haney, from Mississippi State, took third place in the competition.

This year’s Honor Award recipient was Mary Sowerby from the University of Florida (UFL). Sowerby has served as a dairy extension specialist at UFL, but her years of service to the dairy industry go far beyond her time in Florida. Sowerby grew up in a strong dairy family and has been a lifetime supporter of dairy programs. She had dedicated her time and efforts to not only helping producers improve their operations through increased profitability and sustainable measures, but has spent countless hours educating students about the dairy industry. Sowerby has coached youth and collegiate dairy judging and dairy challenge teams. She has also been a club advisor for the UFL dairy club for many years. Additionally, Sowerby has maintained a well-recognized extension and research program at Florida, the effect of which has been noted all over the region and the country. The 2016 recipient, Kas Ingawa, was correct when he stated that this award was well-deserved and that Sowerby was one of the most resilient people he has worked with.

Stephanie Ward
ADSA Southern Branch President
shward@ncsu.edu
Student Affiliate Division Update

Over 130 undergraduate dairy students and advisors came to the 2017 meeting of the American Dairy Science Association in Pittsburgh, Pennsylvania. The Student Affiliate Division (SAD) was represented by 23 dairy clubs from all over the United States at the meeting held June 24–27.

From touring the city by boat to visiting the Pittsburgh zoo, everyone was able to see the many amenities that Pittsburgh has to offer. Things began to heat up during the final Dairy Quiz Bowl round as Penn State faced Virginia Tech in double elimination for the championship.

All students had a great experience networking with peers and professionals in the dairy industry and competing in the Dairy Quiz Bowl, undergraduate paper presentations, and undergraduate poster presentations. A successful Undergraduate Career Roundtable enabled undergraduates to become engaged with many professionals from all areas of the dairy industry. Other events included business meetings, visual and oral presentations by industry professionals, and election of new officers.

The 2017–2018 ADSA-SAD officers and advisors are as follows:

**President**
Chris Mandella, Washington State University

**1st Vice President**
Garrett Fleming, Virginia Tech

**2nd Vice President**
Mary Wright, University of Georgia

**3rd Vice President**
Carrisa Womble, North Carolina State University

**Secretary/Treasurer**
Michelle Taepakdee, University of Florida

**Officer at Large**
Cassie Krebill, Iowa State University

**1st Year Advisor**
Stephanie Ward, North Carolina State University

**2nd Year Advisor**
Leanne Berning, California Polytechnic University

**3rd Year Advisor**
Jillian Bohlen, University of Georgia

Other awards winners include the following:

- Kayla Alward, University of Georgia, Outstanding Student
- Mary Sowerby, Outstanding Advisor
- Kayla Alward, University of Georgia, Genevieve Christen Award Winner
- Virginia Tech, 1st place Dairy Quiz Bowl
- Virginia Tech, 1st place Chapter Yearbook
- The Pennsylvania State University, 1st place Chapter Scrapbook
- University of Florida, 1st place Website
- Kayla Alward, University of Georgia, 1st place Dairy Foods Paper Presentation
- Chelsea Folmar, University of Kentucky, 1st place Dairy Production Presentation
- Danielle Andreen, Michigan State University, 1st place Original Research Paper
- Hannah Himmelmann, University of Kentucky, 1st place Original Research Poster

Plans for the upcoming year include increasing professional and student networking opportunities and maintaining a meeting length that is reasonable for all members. The Student Affiliate Division has heard the needs of its undergraduate members and is working to improve the experience for all students who attend.

For more information about ADSA-SAD, please visit [https://www.adsa.org/Membership/Student-Resources/StudentAffiliateDivision.aspx](https://www.adsa.org/Membership/Student-Resources/StudentAffiliateDivision.aspx).
Graduate Student Division Update

The ADSA Graduate Student Division (GSD) is striving to provide new and exciting opportunities for our members. This year’s GSD Advisory Council consists of President Matthew Borchers, Kentucky; Vice-President Marie Lawton, Cornell; Secretary Amanda Lee, Tennessee; Treasurer Derek Nolan, Kentucky; Foods Director Maryam Enteshari, South Dakota State; and Production Director Lauren Mayo, Missouri.

The GSD had a successful 2017 annual meeting. The GSD symposium, led by Ethan Shutz, focused on learning to bridge personality gaps and creating productive relationships. Professional ADSA members served as panelists to provide invaluable career advice during the Career Insights Luncheon. Graduate students also took part in the Three-Minute Thesis Competition, where contestants presented their research within three minutes or less. Jennifer Spencer, University of Idaho, gave the winning presentation. You can view all of the three-minute thesis presentations here. Graduate students ended the meeting with a mixer at a Pittsburgh Pirates baseball game.

Currently, GSD has 632 members (496 production, 131 foods, 5 not specified) with an additional 67 postdoctoral and 54 transitional members. The Advisory Council and committees are working to expand our reach on social media, so be watching for dairy science content on Facebook, LinkedIn, YouTube, and the GSD website. The GSD Facebook group has 490 members and is open to anyone. Additionally, we are now on LinkedIn and will soon be posting all of our webinars on the ADSANews YouTube channel. We will continue the GSD Newsletter, educational and career development webinars, as well as myDairy Career, the free online job resource center open to all ADSA members.

We are looking forward to attending the 2018 annual meeting in Knoxville, Tennessee. Please contact GSD President Matthew Borchers at adsagsd@gmail.com with any questions or ideas for improvement or if you would like to get more involved in the ADSA Graduate Student Division.

Thanks to EAAP for Sponsoring Two Speakers in Pittsburgh

Two members of the European Association of Animal Production (EAAP) were invited to speak at the ADSA Annual Meeting in Pittsburgh, Pennsylvania, in June, as part of the ADSA-EAAP Speaker Exchange Program. Paola Roncada was a speaker in the Small Ruminant Symposium: New Opportunities for Dairy Sheep and Goats. Her talk was titled “Compositional and functional differences of ewe and goat’s milk and dairy products with regard to cow’s milk and dairy products” (abstract 118). Ahmed Salama was also a speaker in the Small Ruminant Symposium: New Opportunities for Dairy Sheep and Goats. His talk was titled “Animal–environment interactions in dairy small ruminants: Cause-and-effect relationships and strategies of alleviation” (abstract 122).
Discover Conference Series

2017 Discover Conferences

The 32nd Discover Conference, “Dairy Replacement Heifers: Transitioning from Weaning Through First Lactation,” was held May 30–June 1, 2017, at the Eaglewood Resort and Spa, Itasca, Illinois. The program committee members were Kristy Daniels, Virginia Tech (co-chair); Keith Poulsen, University of Wisconsin (co-chair); Geof Smith, North Carolina State University; Bob James, Virginia Tech (emeritus); Mike Van Ambrugh, Cornell University; and Hugh Chester-Jones, University of Minnesota.

The conference themes were

- Growth,
- Health and Welfare,
- Management and Profitability,
- and Herd-Level Dynamics.

There were 173 conference registrants representing 25 US states, 17 countries, 20 universities, and industry organizations from 21 states and 15 countries. The conference was supported by 11 dairy industry–related sponsors including two new Discover sponsors.

The 33rd ADSA Discover Conference, “Integrated Solutions to Fiber Challenges,” held September 19–22, 2017, in Itasca, Illinois, generated excellent discussion involving attendees with a wide range of expertise and experience. The conference program committee members were Jim Tully, Pine Creek Nutrition Service (co-chair); Mary Beth Hall, USDA-ARS, US Dairy Forage Research Center (co-chair); Marit Arana, A.L. Gilbert Company; Richard J. Grant, William H. Miner Agricultural Research Institute; Carl Old, A3 Cattle Company; William Stone, Diamond V; and Ronald Hatfield, USDA-ARS, US Dairy Forage Research Center.

The conference was organized to integrate plant requirements, rumen microbiology, and animal requirements through presentations, discussion groups, and panel sessions. Expected participants include members of the dairy science community interested in the effect of nutrition, physiology, and management of fiber on animal performance.

The conference themes were

- Plants and Climate,
- Animals and Analysis,
- Animal by Fiber Interactions: Impact of the Plant on the Animal,
- Animal by Fiber Interactions: Getting the Most out of Fiber, and
- Modeling Animals and Fibers.

The conference encompassed 132 registrants representing 23 US states, 10 countries, 14 universities, and industry organizations from 21 states and 9 countries. Support for the conference was provided by 23 dairy industry–related sponsors including six new Discover sponsors.

2018 Discover Conferences


The DC34 Program Committee consists of the following members: Jeff Firkins, The Ohio State University (co-chair); Glen Broderick, Broderick Nutrition & Research LLC (co-chair); John Metcalf, Trouw Nutrition Agresearch; Helene Lapierre, Agriculture and Agri-Food Canada; and Paul Kononoff, University of Nebraska.

The conference themes are

- Pre-Absorptive Interactions: Where Protein and Energy First Interact,
- Post-Absorptive Interactions: Where Cows Get the Stuff to Make Milk,
- Changes in Energy and AA Inter-
actions Over the Lactation Cycle,
• Translating Dynamic Elements of Nutrient Metabolism into Feeding Systems, and

The 35th ADSA Discover Conference, "Effects of Stress on Health and Production in Dairy Cows," is being scheduled for October 2018. The conference is in the early stages of development. Tentative themes include Transition period and disease; Heat stress and disease; Neonatal challenges and disease; GI stress and disease; and Evolutionary perspectives on stress–disease links.

Information related to registration and programs for Discover Conferences are available at http://www.adsa.org/discover/. Please note the sponsor logos for each conference on the Discover website. Sponsor contributions help ensure the success of a conference and are greatly appreciated.

Thank You to the 2016–2017 ADSA Board of Directors and Foundation Board of Trustees

**ADSA Board of Directors**
Lou Armentano, President
Karen Schmidt, Vice President
Sue Duncan, Past President
Al Kertz, Past, Past President
Matt Lucy, Editor-in-Chief
Marj Faust, Treasurer
Normand St-Pierre, Director—Production
Paul Kindstedt, Director—Dairy Foods
Ken Griswold, Director—Production
Stephanie Clark, Director—Dairy Foods
Barry Bradford, Director—Production
Brandon Nelson, Director—Dairy Foods
Conor McCabe, SAD President
Hiral Vora, GSD President

**Foundation Board of Trustees**
Mike Socha, Chair
John Partridge, Vice Chair
Ken Kalscheur, Secretary
Marj Faust, Treasurer
Doug Goff, Trustee
Joann Knapp, Trustee
Vikram Mistry, Trustee
Eric Schwab, Trustee
2017 Foundation Donors

Donald C. Beitz
Khaterine C. Salazar Cubillas
Sara Bourbia Jr.
Louis J. Boyd
James R. Carpenter
Emmanuel A. Lara Castro
Larry E. Chase
Elanco Animal Health
Arturo J. Gallegos
Michael F. Hutjens

Donald L. Palmquist
Lucia Pisoni
Adriano Henrique N. Rangel
Russell B. Rindsig
Omar I. Santana
Ankur Singh
Mike Steele
Richard L. Vetter
Meghan C. Wulster-Radcliffe

2017–2018 Foundation Board of Trustees

Chair
Robert Roberts (DF) 18
Penn State University
(814) 863-2959
rfr3@psu.edu

Vice Chair
Heather Dann (Prod) 20
William H. Miner Agricultural Research Institute
(518) 846-7121 ext. 119
dann@whminer.com

Secretary
Ken Kalscheur (Prod) 19
USDA-US Dairy Forage Research Center
(608) 892-0066
kenneth.kalscheur@sdstate.edu

Treasurer
Marj Faust 18
Data Driven Genetics
(608) 219-1834
marj.faust@datadrivengenetics.com

Trustee
Eric Schwab (Prod) 18
Vita Plus Corporation
(715) 651-3622
eschwab@vitaplus.com

Trustee
Vikram Mistry (DF) 18
South Dakota State University
(605) 688-5731
vikram.mistry@sdstate.edu

Trustee
John Partridge (DF) 19
Michigan State University
(517) 353-3320
partridg@anr.msu.edu

Trustee
Eric Bastian (DF) 20
United Dairymen of Ohio
(208) 316-0710
ebastian@dairywest.com
2017–2018 ADSA Board of Directors

President
Karen Schmidt (18)
Kansas State University
(785) 532-1216
kschmidt@ksu.edu

Vice President
Geoff Dahl (18)
University of Florida
(352) 392-1981 x221
gdahl@ufl.edu

Past President
Lou Armentano (18)
University of Wisconsin
(608) 263-3490
learment@wisc.edu

Past, Past President
Susan Duncan (18)
Virginia Tech
(540) 231-8675
duncans@vt.edu

Editor-in-Chief
Matt Lucy (18)
University of Missouri
(573) 882-9897
lucym@missouri.edu

Treasurer
Marj Faust (18)
Data Driven Genetics
(608) 219-1834
marj.faust@datadrivengenetics.com

Executive Director
Peter Studney
1800 South Oak, Ste. 100
Champaign, IL 61820
(217) 356-5146
peters@adsa.org

Director–Production
Ken Griswold (18)
Kemin Industries
(717) 371-6548
ken.griswold@kemin.com

Director–Dairy Foods
Stephenie Clark (18)
Iowa State University
(515) 294-7346
milkmade@iastate.edu

Director–Production
Barry Bradford (19)
Kansas State University
(785) 532-7974
bbradfor@ksu.edu

Director–Dairy Foods
Brandon Nelson (19)
Daisy Brand
(972) 840-4863
bnelson@daisybrand.com

Director–Production
Jim Quigley (20)
Cargill Animal Nutrition
(319) 432-5525
jquigley@provimi-na.com

Foundation Chair
Robert Roberts (18)
Penn State University
(814) 863-2959
rfr3@psu.edu

SAD President
Chris Mandella (18)
Wisconsin State University
mandellachris@gmail.com

GSD President
Matthew Borchers (18)
University of Kentucky
matthew.borchers@uky.edu
2017 ADSA
Corporate Sustaining Members

Ag Processing Inc.
Arm & Hammer Animal Nutrition
Dairy Nutrition Plus
Darling International Research
Diamond V
DuPont Pioneer
Elanco Animal Health
Grande Cheese Company
JH Biotech Inc.

Lallemand Animal Nutrition
Nutriad Inc.
Papillon Agricultural Company
Quali Tech Inc.
Renaissance Nutrition Inc.
Zinpro
Zoetis
Zook Nutrition & Management Inc.

Corporate Sustaining Member Benefits

Journal of Dairy Science

Two options to meet your needs are available; an additional fee is required for each:

Option A: Corporations may choose to reimburse the professional dues of one or more employees, who would then have individual electronic access to JDS. Professional members may purchase a paper copy of the journal for an additional fee and have access to all other individual member benefits described above.

Option B: Corporate access through a site or multisite license. Contact Elsevier customer service for more information.

North America and rest of world: JournalsOnline-Support-usa@elsevier.com
Europe: eurosupport@elsevier.com

S-PAC Subscription at the Member Rate

ADSA’s latest high-value product, S-PAC (Searchable Proceedings of Animal Conferences), 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. S-PAC is available to ADSA corporate sustaining members at a deep discount. Corporate subscription allows for three concurrent users, and multiple subscriptions may be purchased. Try S-PAC at no risk—five days for only $5—to see the power of this unique tool.

ADSA Annual Meeting Benefits

• One free registration—a $495 value for this benefit alone!
• Listing of corporate name at the ADSA membership booth
• Exhibit booth discount for in-line or corner booth

Corporate Sponsor Recognition

• A listing on ADSA’s website, with a link to your home page.
• Your company name on the Journal of Dairy Science website (About the Journal) and in the annual meeting program.
• Your company name listed in the spring and fall (April and October) ADSA News and in the weekly electronic Dair-e News.

Please contact Vicki Paden at vickip@assochq.org to become a corporate sustaining member.
Future Meeting Dates and Deadlines

**ADSA Midwest Branch and ASAS Midwest Section**
March 12–14, 2018, Omaha, Nebraska
Abstract submission deadline: November 8, 2017, at 11:59 pm CST
Award nomination deadline: TBD
Meeting website: [https://www.asas.org/sections/midwest-section/meetings](https://www.asas.org/sections/midwest-section/meetings)

**34th ADSA Discover Conference on Food Animal Agriculture**
Reexamining Amino Acid and Energy Interactions in the Dairy Cow
May 29–June 1, 2018
Eaglewood Resort and Spa
Itasca, Illinois

**2018 ADSA Annual Meeting**
June 24–27, Knoxville, Tennessee
Abstract submission deadline: February 21, 2018
ADSA award nomination deadline: Part 1—January 8, 2018; Part 2—February 12, 2018

**2018 ADSA Southern Branch**
June 24–27, Knoxville, Tennessee
Abstract submission deadline: February 21, 2018
Award nomination deadline: TBA

**Future ADSA Annual Meetings**
June 23–27, 2019
Cincinnati, Ohio

June 14–17, 2020
Fort Lauderdale, Florida