2019
ADSA® Annual Meeting
June 23–26
and Interbull Annual Meeting
June 22–24
Cincinnati, Ohio

Registration Brochure
adssa.org/2019
The American Dairy Science Association® (ADSA®) will hold the 2019 ADSA Annual Meeting in Cincinnati, Ohio, June 23–26. This brochure provides meeting highlights as well as registration and housing information. The meeting program will be posted online at https://www.adsa.org/Meetings/2019-Annual-Meeting in late April, and a printed program book will be distributed on site.

### Interbull 2019

The 2019 Interbull Annual Meeting will take place on June 22 and 23 at the Hilton Netherland Plaza in Cincinnati, Ohio, and on June 24 (joint with ADSA) at the Duke Energy Convention Center. A separate registration fee is required to attend the full Interbull Annual Meeting, and a special student rate is available. Those interested in attending can add Interbull registration to their ADSA registration or can register for the Interbull meeting only (see page 13). There will be joint Interbull and ADSA symposia on Monday, June 24, that Interbull attendees may attend with the addition of a one-day registration to the ADSA Annual Meeting. The Interbull registration fee includes morning coffee, lunch, afternoon coffee, and dinner on Saturday, June 22, and morning coffee, lunch, and afternoon coffee on Sunday, June 23. Interbull scientific sessions and business meetings are on Saturday and Sunday. For full meeting schedule, including committee meetings, see the Interbull Schedule of Events on page 9. For more information on the Joint Interbull/ADSA symposia on Monday, please visit https://www.adsa.org/Meetings/2019-Annual-Meeting/Program and view the Joint ADSA/Interbull Session: Breeding and Genetics symposia for Monday morning and afternoon.

### Location and Schedule of Events

The 2019 ADSA Annual Meeting will be held at the Duke Energy Convention Center and surrounding hotels. Pre-conference symposia and workshops are scheduled for Sunday, June 23 (see page 5), and the opening session will be held on Sunday evening; scientific sessions will begin Monday morning, June 24, and run through 5:30 pm on Wednesday, June 26.

### Opening Session

The ADSA opening session will start at 6:00 pm, with President Geoff Dahl as emcee. Geoff will recognize the highest level ADSA award winners for 2019 and report on the accomplishments of ADSA over the past year. The session will end at 6:45 pm and be followed by a reception, with a local band as entertainment.

### Program Format for 2019

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<thead>
<tr>
<th>Time</th>
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<td>Oral and Invited Speakers</td>
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<td>Scientific sessions</td>
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<td>Scientific sessions</td>
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### Registration Information and Hours

Use the registration form in this brochure or register online at www.adsa.org/Meetings/2019-Annual-Meeting/Registration. Your receipt, meeting badge, appropriate tickets, and other meeting materials will be available at the registration area. Please register by May 30, 2019, to take advantage of the discounted early registration rate. In addition, professional members who register online before 11:59 pm on March 14, 2019, will receive a $50 discount on the early registration fee.

Interbull registration is at the Hilton Netherland Plaza, and ADSA registration will be located near Exhibit Hall A in the Convention Center. Registration hours are as follows:

#### Interbull Registration (Hilton Netherland Plaza)

- Thursday, June 20: 3:00 pm – 5:00 pm
- Friday, June 21: 7:30 am – 5:00 pm
- Saturday, June 22: 7:30 am – 5:00 pm

#### ADSA Registration (Convention Center)

- Saturday, June 22: 3:00 pm – 5:00 pm
- Sunday, June 23: 7:00 am – 7:00 pm
- Monday, June 24: 6:30 am – 5:30 pm
- Tuesday, June 25: 7:00 am – 5:30 pm
- Wednesday, June 26: 7:00 am – 5:30 pm

### Presentation Information

#### Notice to Nonmember Presenters

If you are not a member of ADSA, acceptance of your abstract for the 2019 ADSA Annual Meeting will be finalized only if you have registered for the meeting by March 14, 2019.

If, for any reason, you cannot attend after you have preregistered, you must arrange for a co-author to make your oral presentation. Once you’ve made alternative arrangements, please contact ADSA headquarters (abstract@adsa.org) to provide the new presenter information.

If an abstract is accepted, the presenter must attend the meeting to present (this applies to both oral and poster presentations). If a nonmember presenter (i.e., not a member of ADSA) is not registered for the 2019 ADSA Annual Meeting by 11:59 pm (Central time) on March 14, 2019, the abstract will not be published. It will be removed from the program and will no longer be available for presentation at the meeting. Nonmembers who register but cannot attend the meeting and are unable to arrange for a substitute presenter will receive a 90% refund, provided the reason for nonattendance is a personal emergency. If nonattendance is due to visa denial, a 50% refund shall be made. All nonmember presenter requests for refunds must be accompanied by appropriate documentation and will be processed after the meeting in the form in which registration payment was made (i.e., if you paid by credit card, the refund will be applied to your credit card account). If you cannot attend but do arrange for a co-author to make your oral presentation, please contact ADSA headquarters (abstract@adsa.org) to provide your change of information.

### Oral and Invited Speakers

Oral sessions will begin at 9:30 am on Monday, Tuesday, and Wednesday. Meeting rooms will be equipped for electronic presentations and preloaded sessions.

### Upload Information

#### Pre-meeting upload: Presenters will be able to upload presentation files in advance of the meeting. Avoid the onsite rush and upload your presentation on your own schedule. The website is available 24 hours a day from now until 11:59 pm (Central time) on June 19 (https://www.fass-abstracts.org/meetinginfo.asp?meetingcode=268). Files will not be accepted via email.
Onsite upload: Onsite presentation upload will be available; files can be uploaded by 5:00 pm on the day before your scheduled presentation. Files will not be accepted via email. No presentations will be loaded while the session is in progress or between presentations.

Poster Presentations
We have dedicated two-hour blocks on Monday, Tuesday, and Wednesday to poster presentations. The “open poster” sessions will be from 7:30 to 9:30 am on Monday, Tuesday, and Wednesday in Exhibit Hall A of the Duke Energy Convention Center. Coffee, milk, yogurt, and pastries will be served in the poster area from 8:00 to 9:00 am on all three days.

Each poster presentation will be available for public viewing until 5:00 pm on Monday and Tuesday and until 4:00 pm on Wednesday, with the presenting authors present during the open posters time (7:30–9:30 am). All posters must be mounted on the board 30 minutes before the beginning of the day’s session (posters must be mounted on boards by 7:00 am). The exhibit hall will open at 6:30 am on Monday, Tuesday, and Wednesday. Posters must be removed at 5:00 pm on Monday and Tuesday and at 4:00 pm on Wednesday. Any posters remaining after these times will be discarded.

Each poster board area is 48 inches high and 96 inches wide. Use of this space is dictated by the presenter, with the following exceptions: the top of the poster space must include the abstract number with the corresponding letter of the day it is being presented, title, authors, and affiliations. The lettering for this section should be at least 1 inch high.

Poster presenters are encouraged to upload a PDF of their poster in advance of the meeting or onsite. Posters will be available for viewing online by registered ADSA member attendees during the meeting and by all ADSA members for 60 days after the meeting.

Don’t want to carry your poster to the meetings? Use the online FedEx Office Services: https://www.fedex.com/en-us/office/in-store-services.html. Register, upload your poster, and schedule delivery via FedEx to your hotel. All FedEx services are at your own expense.

Locating the Correct Poster Board
Each poster board number corresponds to the abstract number as noted in the program. Poster board numbers are preceded by M, T, or W to denote Monday, Tuesday, or Wednesday posters, respectively.

Notice to Attendees
Use of cameras, video cameras, phones, or tablets (for calls, audio/video recording, or still photography) is prohibited during oral and poster presentations to minimize disruption and unauthorized dissemination of data. Anyone found in violation of this policy will be asked to leave the session.

Media Room
A media room will be available throughout the meeting to provide a space for media representatives to work. Meeting press releases will be available there. Complimentary registration is available for members of the media. For more information, please contact adsa@adsa.org.

ARPAS Continuing Education Units
The 2019 ADSA Annual Meeting has been approved for up to 21 continuing education units (CEUs) for the American Registry of Professional Animal Scientists (ARPAS) certification requirements. Check the schedule of events for times and location of the ARPAS exams.

Accommodations
In order to receive the meeting discount, housing reservations must be made through the ADSA Annual Meeting Housing Services. Reservations may be made online by visiting https://www.adsa.org/Meetings/2019-Annual-Meeting/Hotel (see page 15 of this brochure). The deadline for discounted room rates is May 22, 2019.

Transportation
The Duke Energy Convention Center is located within a compact downtown that is easily visible and accessible from I-75, making it the ideal jumping-off point for enjoying your visit to Cincinnati. Cincinnati is also home to the Cincinnati/Northern Kentucky International Airport (CVG), a hub for Delta Airlines. Cincinnati is within 500 miles of 60% of the nation’s population.
ADSA invites you to Cincinnati, Ohio, to experience the contagious energy pulsing throughout the city. When the day’s meetings conclude, Cincinnati’s compact convention footprint, recently made even more accessible by the new Cincinnati Bell Connector streetcar, allows attendees to explore the city and enjoy the cultural renaissance that is transforming the city. As one of the first great American cities, Cincinnati is rooted in deep tradition and a mix of vibrant cultures. Take time to embrace the living history pulsing through Cincinnati’s streets, whether it’s the architecture, the thriving arts and culture scene, or the beer tunnels 30 feet below.

The ADSA Annual Meeting will be held at the Duke Energy Convention Center (DECC). Located in the heart of downtown Cincinnati, the DECC is the largest, most comprehensive meeting facility in the city, with the Queen City’s vibrant culture, entertainment, delectable culinary experiences, and world-class attractions within blocks.
Scheduling and titles are subject to change without notice; check the Program Book for final information.

Sunday, June 23
- Workshop: NANP Nutrition Models (additional fee required)
- Workshop: Records Management (additional fee required)
- Workshop: Planning, Implementing, and Evaluating Classroom Discussion (additional fee required)
- Late-Breaking Original Research Session
- David M. Barbano Recognition Symposium
- 34th ADSA DiscoverSM Conference Mini Symposium
- ADSA GSD Symposium: Grant Writing Workshop

Monday, June 24
- Teaching/Undergraduate and Graduate Education: Strategies for Assessing Student Learning
- Small Ruminant Platform Session: Omics Application in Small Ruminants—Current Situation, Limitations, and Opportunities for the Future
- Joint ADSA/Interbull Symposium: Breeding and Genetics: Ten Years of Genomic Selection
- CSAS Symposium: From Data to Decisions—The Next Step for Technology in Dairy Production
- Ruminant Nutrition: Mycotoxins—Recognizing Their Presence and Dealing with Them in Ruminant Nutrition
- Dairy Foods: Advances in Spore Control throughout the US Dairy Value Chain
- Joint ADSA/Interbull Symposium: Breeding and Genetics: Data Pipelines for Implementation of Genomic Evaluation of Novel Traits
- Forages and Pastures: Silage Conservation Practices and Management—Effects on Forage Quality, Farm Profitability, and Feed Efficiency
- Ruminant Nutrition Platform Session: Probiotics, Prebiotics, and Postbiotics: Gut Health and Beyond
- Reproduction: The Etiology of Pregnancy Failure in Cattle—The When and Why
- MILK Symposium: Research Opportunities with Robotic Milking Systems

Tuesday, June 25
- Joint Reproduction/Animal Health Symposium: Transition Cow Calcium Homeostasis—Health Effects of Hypocalcemia and Strategies for Prevention
- Production, Management, and the Environment: Advancing Artificial Intelligence on Dairy Farms
- Milk Protein and Enzymes: Don’t Have a Cow—Plant Proteins, Bovine Protein Expression, and Milk Humanization
- Dairy Foods: Recent Advances in Dairy Food Safety Research
- Reproduction Platform Session: Transition Cow Health and Reproduction
- Production, Management, and the Environment: Profitability and Sustainability
- ADSA Southern Section Symposium: Dairy Cattle Longevity Revisited—Trends, Economics, and Opportunities

Wednesday, June 26
- Teagasc-Moorepark Symposium: Animal Diet, Dairy Product Quality, and Advances in Dairy Foods Nutrition and Health (full day; additional fee required)
- Ruminant Nutrition: From Field to Feed Bunk—Application of Remote Sensing and New Age Technology to Improve Forage Production and Nutrient Utilization
- Animal Health Platform Session: A Summary of Discover Conference 35
- Production, Management, and the Environment: Future of Housing for Dairy Cattle
- Ruminant Nutrition: Dietary Methyl Donor Supplementation and Hepatic Health in Transition Dairy Cows
- Special Symposium: Improving Milk Production, Quality, and Safety in Developing Countries

Wednesday, June 26, and Thursday, June 27
- Workshop: Mixed Models (all day Wednesday and Thursday morning; additional fee required)

ARPAS Exams
Monday, June 24, and Tuesday, June 25
10:30 am – 12:30 pm; 2:00 – 4:00 pm (2 exams on each day)

ADSA Annual Meeting Exclusive: The American Registry of Professional Animal Scientists (ARPAS) exam will be offered to students with a dairy focus interested in taking the Dairy Cattle exam. Better yet, ARPAS will waive the exam fee for seniors, new graduates, and graduate students who take it during the annual meeting! ARPAS provides certification of animal scientists through examination, continuing education, and commitment to a code of ethics and disseminates applied scientific information through publication of a peer-reviewed journal, Applied Animal Science (https://www.appliedanimalscience.org/). Take advantage of this tremendous opportunity to become ARPAS certified.
**Program Highlights**

**ADSA Graduate Student Division Symposium: Grant Writing Workshop**
All ADSA graduate students are encouraged to attend this extremely valuable grant writing workshop. Jodi Williams, PhD, national program leader at USDA-NIFA, will share tips and tricks for successful grant writing. After the presentation, an open discussion will be held between the audience and a panel of academics in dairy science. Topics to be covered include finding funding, choosing a grant, what goes into a grant proposal, writing clearly and concisely, crafting a compelling first page, and making a timeline for planning and writing your proposal.

**Teaching Workshop: Planning, Implementing, and Evaluating Classroom Discussion (additional fee)**
As the next in our series of teaching workshops, the 2019 Teaching Workshop is focused on planning, implementing, and evaluating classroom discussion. Although this workshop will build on knowledge from previous workshops in 2017 (Helping Students Learn) and 2018 (How to Implement and Evaluate Active Learning Activities in Your Classroom), the content will be valuable even if this is your first teaching workshop at ADSA.

**Workshop: Dairy Records Analysis (additional fee; personal laptop required)**
In 2019, Dairy Records Management Systems (DRMS) will bring us two workshops on records management, both on Sunday, June 23. Session 1 is from 8:00 am to noon and session 2 is from 1:00 to 5:00 pm.

The first session is designed for PCDART users at the beginner/novice level; we will discuss the basics of using PCDART in dairy herd data analysis, navigating through PCDART, and developing reports/graphs to aid in analyzing dairy information for daily decision-making by herd personnel and consultants. Key features of PCDART will be demonstrated using example herds. The second session is intended for experienced/advanced PCDART users; this session will NOT discuss making reports or graphs in PCDART; it will assume that participants already possess these skills. The primary goal of the session is to demonstrate how a combination of DHI Reports and PCDART tools can be used to analyze dairy farm data and draw management conclusions from the results. Data from the following major herd management areas will be used as examples: (1) Reproductive Performance; (2) Mastitis and Milk Quality Assessments; (3) Milk Production Data Analysis on Herd and Individual Cow Levels; (4) Young Stock; and (5) Health and Transition.

**Workshop: NANP Nutrition Models (additional fee)**
The National Animal Nutrition Program (NANP) Nutrition Models workshop will use lectures and exercises to illustrate how mathematical models are constructed, evaluated, and applied toward problems in animal nutrition. Several modeling approaches are covered, but particular emphasis is given to dynamic, mechanistic models. The workshop will give attendees a basic fluency in mathematical modeling and, in so doing, advance their use of models in nutrition research.

**Workshop: Mixed Models (additional fee)**
The 2019 Mixed Models workshop marks the 12th offering at an annual meeting since 1999. This workshop provides a comprehensive exposition of proper statistical data analysis and power determinations of commonly used experimental designs in the animal sciences; our approach is example-driven and primarily based on the various mixed model analysis procedures available in SAS software. The Mixed Models workshop is delivered under the umbrella of the NCCC 170 committee on “Research Advances in Agricultural Statistics” (https://sites.uark.edu/ncr170/). Instructors in 2019 will be Rob Tempelman (MSU), Bruce Craig (Purdue), and Nora Bello (KSU).

**2019 Teagasc-Moorepark Symposium (additional fee)**
The 2019 Teagasc-Moorepark Symposium, hosted by the ADSA Dairy Foods Division International Partnership Program, will showcase cutting-edge research from farm to fork in areas of great interest to ADSA members in both divisions. The first session in this full-day symposium will focus on the impact of animal diet and cow feeding systems on composition and quality attributes of dairy products and will explore advances in dairy-based nutritional beverages. The second session will highlight advances in the roles of dairy foods in human nutrition and health. The fee includes lunch and coffee breaks.

**SAD/Undergraduate Small Group Mentoring Sessions**
The ADSA Mentor Program connects professional members with undergraduate students for small group mentoring sessions during the annual meeting. ADSA past presidents and others will meet with students to attend scientific presentations by interest area, followed by discussions of the topics presented. Engagement in the scientific presentations and interactions with conference attendees will help students develop their technical skills and build their professional network. Students are encouraged to register for both sessions. Please indicate at least two research interest areas on the registration form.

**Graduate Student Division Mix and Mingle**
Register to attend the GSD Mix and Mingle with professional members. At this speed-networking event, graduate students will have the opportunity to mingle with industry professionals and faculty members looking for employees. Students are encouraged to bring copies of their CV and business cards. Professional ADSA members looking to hire graduate students or discuss research are encouraged to attend the mixer as a way to interact with graduate students outside of the typical poster session atmosphere. Light refreshments will be provided.
Coffee, milk, yogurt, and pastries will be served in the poster area of the exhibit hall on Monday, Tuesday, and Wednesday from 8:00 to 9:00 am. On Monday and Tuesday, please make time to talk with our exhibitors while you are enjoying the complimentary breakfast!

SAD and GSD Dairy Tour
Saturday, June 22
12:00 – 5:00 pm
Young’s Jersey Dairy in Yellow Springs, OH
Tickets: $15

Young’s Jersey Dairy was established in 1946 with a focus on milking cows and row crop farming. They began selling their Jersey milk to the public in the late 1950s. That evolved into the opening of a convenience store featuring hand-dipped ice cream. Today, Young’s is a favorite Ohio destination, with two restaurants, a dairy store, and loads of family fun activities including a petting zoo, mini golf, giant slides, and more. They also host a multitude of special events including car shows, bike tours, and seasonal festivals. Young’s is a model for agri-tourism; their operating dairy is also a top family destination, offering more than 70,000 gallons of ice cream and 45,000 pounds of cheese to more than 1 million guests each year. Tour includes farm tour ticket and bus transportation. Students, both undergraduate and graduate, are given first opportunity. Tour will be offered to professional members on a remaining availability basis.

SAD Undergraduate Student Hospitality Room
Saturday, June 22
6:00 – 7:00 pm
Hampton Inn/Homewood Suites

The SAD Hospitality Room will be available on Saturday afternoon for members to gather and meet others as they arrive. Information about the SAD schedule will be available.

SAD Undergraduate Student Informal Mixer: SAD Dine Around
Saturday, June 22
7:00 pm
Meet in SAD Hospitality Room, Hampton Inn/Homewood Suites

SAD officers will host a dine around event on Saturday for schools arriving early. Stop by the SAD hospitality room between 6:00 and 7:00 pm if your club would like to join. Students from participating schools are encouraged to join different dinner groups for a fun evening of networking and good food. Participants are responsible for the cost of their meal.

SAD Undergraduate Student Midday Mixer and Lunch
Sunday, June 23
11:00 – 12:00 pm
Tickets: $5

Join your fellow dairy clubs for a fun hour of getting reacquainted and making new friends, and get to know your 2019–2020 SAD officer candidates. Ticket price includes lunch. Note: Registration is limited to ADSA undergraduate student members and advisors.

GSD Workshop: Grant Writing
Sunday, June 23
2:00 – 4:00 pm

All ADSA graduate students are encouraged to attend this extremely valuable grant writing workshop. Jodi Williams, PhD, national program leader at USDA-NIFA, will share tips and tricks for successful grant writing. After the presentation, an open discussion will be held between the audience and a panel of academics in dairy science. Topics to be covered include finding funding, choosing a grant, what goes into a grant proposal, writing clearly and concisely, crafting a compelling first page, and making a timeline for planning and writing your proposal.

GSD Business Meeting and Open Forum
Sunday, June 23
4:15 – 5:00 pm

In addition to greeting the incoming GSD officer team, attend this meeting to voice your ideas and opinions about ADSA graduate student activities. While at the meeting, sign up for a GSD committee to become involved and help shape the future of our organization.

Dairy Quiz Bowl Final Round
Sunday, June 23
4:30 – 5:00 pm

University teams from across North America will compete in the ADSA-SAD Dairy Quiz Bowl. The event gives schools an opportunity to demonstrate their knowledge about dairy production, processing, and ADSA history. The Student Affiliate Division (SAD) invites you to join them for the excitement of the final round of competition as the top two schools go head to head for the title of 2019 Dairy Quiz Bowl Winning Team.

Opening Session and Reception
Sunday, June 23
6:00 – 8:15 pm

Join us at the Opening Session to hear from ADSA President Geoff Dahl with updates on the state of the association and celebrate the recipients of the ADSA Award of Honor and ADSA Distinguished Service Award and new ADSA Fellows. Reception to follow with a live “Roaring 20s” swing band.

GSD Mixer
Sunday, June 23
7:30 – 9:30 pm
16-Bit Bar and Arcade
Tickets: $10

Kick off the week with a fun night of entertainment and networking with your fellow dairy science graduate students at 16-Bit Bar and Arcade, located just a short walk or trolley ride from the Convention Center. Join us to enjoy trivia night, arcade games, and free drinks! Use this opportunity to meet other graduate students you can network with throughout the week at the annual meeting.

SAD Undergraduate Student Poster and Paper Competitions
Monday, June 24
Convention Center

Support the future of ADSA—plan time in your schedule to visit the undergraduate posters and oral presentations on Monday morning. See program for complete details.

Companion Event 1: Ultimate Under the Market Tour
Monday, June 24
9:30 am – 1:30 pm
Tickets: $60

On the Under the Market Tour you will go underground to explore the newly rediscovered Linck Brewery tunnels and the tunnel under the Jackson Brewery. Next, you will visit the site where Johnny Cash filmed a movie. Then, you will visit the site of one of Cincinnati’s most important inclines and learn about Cincinnati’s connection to the famed McGuffey Readers. You will end this tour inside one of the last remaining structures from the original Christian Moerlein Brewery complex that has been closed to the public for decades.
The tour is mostly a walking tour with a tour guide and some street car transportation to/from the Duke Energy Convention Center. Lunch is included with this tour at the end, at the Northern Row Brewery.

Preregistration for this event is required. Register early—capacity is limited!

**GSD Career Insights Lunch**  
**Monday, June 24**  
**12:30 – 2:00 pm**  
**Convention Center**  
**Tickets: $10**

Graduate students—plan to join us for lunch and interact with a diverse panel of academia and industry professionals! Be prepared to question panel members about their experience moving from graduate school to the professional world. This lunch is intended to give students an informal environment in which to inquire about each professional’s personal journey and the challenges they encountered along the way. A $10 registration fee is required and a boxed lunch is included.

**SAD Undergraduate Student Career Roundtable Lunch**  
**Monday, June 24**  
**12:45 – 2:15 pm**  
**Convention Center**  
**Tickets: $10**

A program favorite, the Career Roundtable Lunch gives students the opportunity to dine and network with professional members representing a wide array of careers in the dairy industry. The program is conveniently scheduled during Monday’s lunch break. Participants will learn about careers in the industry, get useful tips on planning for their careers, and much more. Students are encouraged to dress professionally (business casual or better) and bring several copies of their resumes. Students should also plan time to visit industry reps in the exhibit hall for information about internships and job opportunities.

**ADSA Awards Program**  
**Monday, June 24**  
**7:00 – 8:00 pm**

All meeting participants, families, and friends are welcome to attend the 2019 ADSA Awards program. Please join us at this special event to recognize and congratulate the 2019 award winners.

**Ice Cream Social**  
**Monday, June 24**  
**8:15 – 9:30 pm**

All meeting participants, families, friends, award winners, and award donors are invited to join us for the always-popular ice cream social.

**SAD Undergraduate Student Mixer: Casino/Country Night**  
**Monday, June 24**  
**9:00 – 11:00 pm**  
**Hampton Inn/Homewood Suites**  
**Tickets: $15**

With the competitions behind you, join us for Casino/Country Night at the student hotel. Whether you toss some cards or hit the dance floor, the evening is yours to enjoy with undergrads from across the country.

**Fun Run, sponsored by Feed Components**  
**Tuesday, June 25**  
**6:30 am**

Please join your friends at Feed Components for a 5K Fun Run in beautiful Cincinnati. Free T-shirt for the first 200 participants registered, so sign up early!

**Companion Event 2: “Cinci Top 10” Food and Culture Tour**  
**Tuesday, June 25**  
**9:00 am – 1:00 pm**  
**Tickets: $60**

Discover the 5 mouth-watering dishes that Cincinnati is known for and visit all the must-see sites with a friendly local guide. How do we do it all? We hop aboard the Cincinnati Streetcar (all-day pass included). When the tour concludes, you have a pass, a streetcar guide, and knowledge of the city, so you can explore with confidence! Since we get an early start, you have the rest of the day to yourself to enjoy. Wear your walking shoes! We combine walking (2.5 miles total) and the Streetcar to explore the city. The streetcar is handicapped accessible, and the walk between sites is never more than 3 city blocks. Strollers are welcome. Our tastings are generous and enough for lunch. We sit and dine at one stop. Due to the fast-paced itinerary, the rest of the food is eaten on the go. Like typical city street food, it’s simple and handy.

Preregistration for this event is required. Register early—capacity is limited!

**SAD Educational Workshop: Media Training**  
**Tuesday, June 25**  
**10:30 – 11:30 am**

With the rapid growth of social media, we all have the ability and, some might argue, the responsibility to be ambassadors for agriculture. This program will equip participants to interact effectively with traditional media and social media. Registration is free but required.

**SAD Undergraduate Student Awards Luncheon**  
**Tuesday, June 25**  
**11:45 am – 2:00 pm**  
**Convention Center**  
**Tickets: $50 (professionals), $35 (students)**

Plan to attend this year’s SAD awards luncheon. The afternoon will be capped with the presentation of student awards and announcement of new SAD officers. Both students and professionals are encouraged to attend. This is a wonderful chance to get to know the next generation of the dairy industry.

**GSD Three-Minute Thesis Challenge**  
**Tuesday, June 25**  
**2:30 – 3:30 pm**

ADSA graduate students are encouraged to participate in the return of the Three-Minute Thesis Challenge. This event will test the competitors’ ability to convey their research in a way that is understandable to all, in three minutes or less! Emphasis will be placed on the ability to explain research to a lay audience. Entry details will be released prior to the annual meeting, and competition will be limited to 10 students selected by a panel of judges based upon strength of CV and a 100-word interpretive summary. All ADSA members are invited to attend the challenge and watch students compete for cash prizes and present their research in a fun and exciting way!

**GSD Mix and Mingle**  
**Tuesday, June 25**  
**6:00 – 8:00 pm**

Register to attend the GSD Mix and Mingle with professional members. At this speed-networking event, graduate students will have the opportunity to mingle with industry professionals and faculty members looking for employees. Students are encouraged to bring copies of their CV as well as business cards. Professional ADSA members looking to hire graduate students or discuss research are encouraged to attend the mixer as a way to interact with graduate students outside of the typical poster session atmosphere. Light refreshments will be provided.
Schedule of Events

Scheduling and locations are subject to change without notice. Please refer to your onsite meeting program for the final schedule and room assignments.

Interbull Schedule of Events

Thursday, June 20
3:00 pm – 5:00 pm  Registration open
Friday, June 21
7:30 am – 5:00 pm  Registration open
8:00 am – 2:00 pm  Technical Committee Meeting 1*
2:30 pm – 7:00 pm  Steering Committee Meeting 1*
Saturday, June 22
7:30 am – 5:00 pm  Registration open
8:30 am – 12:30 pm  Open Meeting
1:30 pm – 3:30 pm  Business Meeting 1
4:00 pm – 6:00 pm  Open Meeting
7:00 pm – 10:00 pm  Interbull Dinner
Sunday, June 23
8:30 am – 12:00 pm  Open Meeting
1:00 pm – 3:00 pm  Business Meeting 2

3:15 pm – 5:00 pm  Technical Committee Meeting 2*
5:00 pm – 6:00 pm  SNPMace WG Meeting*
6:00 pm – 6:45 pm  ADSA Opening Session
6:45 pm -  8:15 pm  ADSA Opening Reception

Monday, June 24
9:30 am – 12:30 pm  Joint Interbull/ADSA Symposium: Ten Years of Genomic Selection
2:00 pm – 5:30 pm  Joint Interbull/ADSA Symposium: Data Pipelines for Implementation of Genomic Evaluation of Novel Traits

Tuesday, June 25
8:30 am – 10:30 am  Steering Committee Meeting 2*

*Closed meeting (committee or working group members only)

ADSA Schedule of Events

Saturday, June 22
12:00 pm – 5:00 pm  SAD and GSD Dairy Tour: Young's Jersey Dairy Tour
3:00 pm – 5:00 pm  Registration open
6:00 pm – 7:00 pm  SAD Undergraduate Student Hospitality Room open
7:00 pm  SAD Undergraduate Student Informal Mixer: SAD Dine Around

Sunday, June 23
7:00 am – 7:00 pm  Registration open
7:30 am – 10:00 am  New Board Orientation
8:00 am – 12:00 pm  Workshop: Dairy Records Analysis, Session 1
8:15 am – 9:15 am  SAD Undergraduate Student Officers and Advisors Meeting
9:00 am – 5:00 pm  Workshop: NANP Nutrition Models
9:30 am – 10:15 am  SAD First Business Meeting
10:00 am – 11:00 am  SAD Undergraduate Student Quiz Bowl Officials Meeting
10:00 am – 6:00 pm  Exhibit setup (exhibitors and student dairy clubs)
10:30 am – 11:30 am  SAD Undergraduate Student Quiz Bowl Seating Test
11:00 am – 12:00 pm  SAD Undergraduate Student Midday Mixer and Lunch
12:00 pm – 1:00 pm  2020 Program Committee Meeting
12:00 pm – 5:00 pm  Media Room open
12:00 pm – 5:00 pm  JDS Editors and Journal Management Committee Lunch and Meeting
12:15 pm – 4:15 pm  SAD Undergraduate Student Quiz Bowl Seating/Preliminary Rounds
1:00 pm – 4:30 pm  Workshop: Teaching
1:00 pm – 5:00 pm  Workshop: Dairy Records Analysis, Session 2
2:00 pm – 3:00 pm  Production Division Council Meeting
2:00 pm – 3:30 pm  ADSA Foundation Board of Trustees Meeting

Continued on next page
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 pm – 4:00 pm</td>
<td>GSD Symposium: Grant Writing Workshop</td>
</tr>
<tr>
<td>3:00 pm – 4:00 pm</td>
<td>Production Division Nominating Committee</td>
</tr>
<tr>
<td>3:00 pm – 5:00 pm</td>
<td>Late-Breaking Original Research Session (open to all attendees)</td>
</tr>
<tr>
<td>4:15 pm – 5:00 pm</td>
<td>GSD Business Meeting and Open Forum</td>
</tr>
<tr>
<td>4:30 pm – 5:00 pm</td>
<td>Dairy Quiz Bowl Final Round</td>
</tr>
<tr>
<td>5:00 pm – 6:00 pm</td>
<td>Dairy Foods Division Council Meeting</td>
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<tr>
<td>6:00 pm – 6:45 pm</td>
<td>Opening Session</td>
</tr>
<tr>
<td>6:45 pm – 8:15 pm</td>
<td>Opening Reception</td>
</tr>
<tr>
<td>7:00 pm – 10:00 pm</td>
<td>Graduate Student Mixer: 16-Bit Bar and Arcade</td>
</tr>
</tbody>
</table>

**Monday, June 24**

- 6:30 am – 7:00 am: SAD Undergraduate Student Posters setup
- 6:30 am – 8:00 am: Production Division Extension Breakfast
- 6:30 am – 5:30 pm: Registration open
- 7:15 am – 8:30 am: Turn in yearbooks and scrapbooks at SAD exhibit
- 7:30 am – 9:30 am: SAD Undergraduate Student Poster Presentation Competition
- 7:30 am – 9:30 am: Poster presentations; coffee, milk, yogurt, and pastries in Exhibit Hall from 8:00 to 9:00 am
- 8:00 am – 9:00 am: Introduction to S-PAC (at the ADSA booth in the Exhibit Hall)
- 8:00 am – 5:00 pm: Media Room open
- 8:00 am – 5:00 pm: Commercial exhibits open
- 8:00 am – 5:00 pm: Job Resource Center open
- 8:15 am – 9:15 am: SAD Undergraduate Student Interviews for Outstanding Student and Advisor Awards
- 8:15 am – 9:30 am: SAD Undergraduate Student Judging of Yearbooks, Scrapbooks, Annual Reports
- 9:30 am – 12:30 pm: SAD Undergraduate Student Original Research Paper Presentation Competition
- 9:30 am – 12:30 pm: SAD Undergraduate Student Production Paper Presentation Competition
- 9:30 am – 1:30 pm: Companion Tour 1: Ultimate Under the Market Tour
- 9:30 am – 5:30 pm: Scientific Sessions
- 10:30 am – 12:30 pm: ARPA Exam
- 11:00 am – 12:30 pm: SAD Undergraduate Dairy Foods Paper Presentation Competition
- 12:30 pm – 2:00 pm: GSD Career Insights Lunch
- 12:45 pm – 2:15 pm: SAD Undergraduate Student Career Roundtable Lunch
- 12:30 pm – 2:00 pm: ADSA Past Presidents’ Lunch
- 2:00 pm – 4:00 pm: ARPA Exam
- 2:30 pm – 3:45 pm: SAD Undergraduate Student Small Group Mentoring Session 1
- 3:30 pm – 4:00 pm: Ice cream break in exhibit hall
- 4:00 pm – 5:00 pm: SAD visits with commercial exhibitors
- 5:00 pm – 6:30 pm: Award Donor Dinner
- 7:00 pm – 8:00 pm: Awards Program and Ceremony
- 8:15 pm – 9:30 pm: Ice Cream Social
- 9:00 pm – 11:00 pm: SAD Undergraduate Student Mixer

**Tuesday, June 25**

- 6:30 am: Fun Run
- 6:30 am – 8:00 am: JDS Editorial Board Breakfast/Meeting
- 6:30 am – 8:00 am: Dairy Foods Division Milk Proteins and Enzyme Breakfast
- 7:00 am – 5:30 pm: Registration open
- 7:30 am – 9:30 am: Poster presentations; coffee, milk, yogurt, and pastries in Exhibit Hall from 8:00 to 9:00 am
- 8:00 am – 9:00 am: ADSA Spokesperson Q&A (at the ADSA booth in exhibit hall)
- 8:00 am – 9:00 am: SAD Undergraduate Student Business Meeting – Election of Officers
- 8:00 am – 4:00 pm: Commercial exhibits open
### Schedule of Events continued

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>8:00 am – 4:00 pm</td>
<td>Job Resource Center open</td>
</tr>
<tr>
<td>9:15 am – 10:15 am</td>
<td>SAD Undergraduate Student Small Group Mentoring Session 2</td>
</tr>
<tr>
<td>9:30 am – 1:15 pm</td>
<td>Companion Tour 2: &quot;Cinci Top 10&quot; Food and Culture Tour</td>
</tr>
<tr>
<td>9:30 am – 5:30 pm</td>
<td>Scientific Sessions</td>
</tr>
<tr>
<td>10:00 am – 11:00 am</td>
<td>Discover Conference Steering Committee Meeting</td>
</tr>
<tr>
<td>10:30 am – 11:30 am</td>
<td>SAD Undergraduate Student Educational Workshop: Media Training</td>
</tr>
<tr>
<td>10:30 am – 12:30 pm</td>
<td>ARPAS Exam</td>
</tr>
<tr>
<td>11:30 am – 12:30 pm</td>
<td>Dairy Foods Division Business Meeting</td>
</tr>
<tr>
<td>11:45 am – 2:00 pm</td>
<td>SAD Undergraduate Student Awards Luncheon</td>
</tr>
<tr>
<td>12:30 pm – 2:00 pm</td>
<td>Dairy Foods Division Program Planning Lunch</td>
</tr>
<tr>
<td>12:30 pm – 2:00 pm</td>
<td>Production Division Business Meeting (boxed lunch for purchase)</td>
</tr>
<tr>
<td>12:30 pm – 2:00 pm</td>
<td>Production Division Business Meeting</td>
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<tr>
<td>2:00 pm – 4:00 pm</td>
<td>ARPAS Exam</td>
</tr>
<tr>
<td>2:00 pm – 4:00 pm</td>
<td>SAD Undergraduate Student Exhibits – Pick up yearbooks and scrapbooks</td>
</tr>
<tr>
<td>2:00 pm – 5:30 pm</td>
<td>Southern Branch ADSA Symposium and Business Meeting</td>
</tr>
<tr>
<td>2:30 pm – 3:30 pm</td>
<td>SAD Undergraduate Student Committee Meeting – Old and New Officers and Advisors</td>
</tr>
<tr>
<td>2:30 pm – 3:30 pm</td>
<td>GSD Three-Minute Thesis Challenge</td>
</tr>
<tr>
<td>3:30 pm – 4:00 pm</td>
<td>Ice cream break in exhibit hall</td>
</tr>
<tr>
<td>4:00 pm – 5:00 pm</td>
<td>Dismantling of commercial exhibits</td>
</tr>
<tr>
<td>5:00 pm – 7:00 pm</td>
<td>Informal Calf Gathering</td>
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<tr>
<td>5:00 pm – 7:00 pm</td>
<td>Informal Milk Quality Session</td>
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<tr>
<td>6:00 pm – 8:00 pm</td>
<td>GSD Mix and Mingle</td>
</tr>
<tr>
<td>7:00 pm – 9:00 pm</td>
<td>Iowa State Alumni and Friends Reception</td>
</tr>
<tr>
<td>7:00 pm – 10:00 pm</td>
<td>Canadian Society of Animal Science (CSAS) Wine and Cheese Social</td>
</tr>
</tbody>
</table>

**Wednesday, June 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am – 5:30 pm</td>
<td>Registration open</td>
</tr>
<tr>
<td>7:30 am – 9:30 am</td>
<td>Poster presentations; coffee, milk, yogurt, and pastries in Exhibit Hall from 8:00 to 9:00 am</td>
</tr>
<tr>
<td>8:00 am – 5:00 pm</td>
<td>Workshop: Mixed Models</td>
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<tr>
<td>8:00 am – 5:30 pm</td>
<td>Media Room open</td>
</tr>
<tr>
<td>8:30 am – 9:30 am</td>
<td>ADSA Business Meeting and Open Forum</td>
</tr>
<tr>
<td>8:45 am – 5:00 pm</td>
<td>Teagasc-Moorepark Symposium and Reception</td>
</tr>
<tr>
<td>9:30 am – 5:30 pm</td>
<td>Scientific Sessions</td>
</tr>
<tr>
<td>12:30 pm – 2:30 pm</td>
<td>ADSA Board of Directors Meeting</td>
</tr>
<tr>
<td>3:30 pm – 4:00 pm</td>
<td>Ice cream break in exhibit hall</td>
</tr>
</tbody>
</table>

**Thursday, June 27**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am – 12:00 pm</td>
<td>Workshop: Mixed Models (continued)</td>
</tr>
</tbody>
</table>

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**ADSA-SAD 2019 Commemorative T-Shirts Available!**

Get your very own 2019 SAD commemorative T-shirt! Shirts are unisex fit (S to XL), cost $15, and can be ordered on the Registration Form.
Sponsorship Benefits
Sponsorship benefits for the 2019 ADSA Annual Meeting include the following, depending on the level of sponsorship selected:

- Complimentary exhibit booth
- Complimentary full meeting registrations
- Recognition from the podium at the opening session
- Event naming rights
- Company listing in final program
- Signage at the meeting
- Company logo on the meeting website
- Link to company website from meeting website
- Listing in onsite meeting newsletter
- Listing and recognition in ADSA News

If you or your company would like to sponsor the 2019 ADSA Annual Meeting, please complete the Sponsorship Pledge Form available online: https://www.adsa.org/Meetings/2019-Annual-Meeting/Sponsorship-Pledge-Form.

A SPECIAL THANK YOU TO OUR 2019 ADSA ANNUAL MEETING SPONSORS
(as of January 11, 2019)

Gold Level:
Danone
Dean Foods
National Dairy Council (NDC)

Silver Level:
Chr. Hansen
Diamond V
Feed Components
National Institute of Food and Agriculture—National Animal Nutrition Program (NIFA-NANP)

Bronze Level:
Ajinomoto North America
BIOMIN America Inc.
Hoard’s Dairyman
Landus Cooperative/Dairy Nutrition Plus

Donors:
Kemin

Contributors:
Virtus Nutrition
McNamara Research Fund in Agriculture Firm
Zoetis

A SPECIAL THANK YOU TO OUR 2019 INTERBULL SPONSORS
(as of January 11, 2019)

Council on Dairy Cattle Breeding

2019 ADSA ANNUAL MEETING EXHIBITORS
(as of January 11, 2019)

Adifo NV
Adisseo
Ag Processing Inc.
Agri-King Inc.
Ajinomoto Animal Nutrition North America Inc.
American Dairy Science Association (ADSA)
American Registry of Professional Animal Scientists (ARPAS)
Balchem
Bar Diamond Inc.
BIOMIN America Inc.
Bioprocess Control AB
Chr. Hansen
Cumberland Valley Analytical Services
Dairy One Forage Lab
Dairy Records Management Systems
Diamond V
E.I. Medical Imaging
Energy Feed International
FASS Inc.
Feed Components
Foerster-Technik North America
Hoard’s Dairyman
Innovative Additives Inc.
KTG North America
Novus International Inc.
Poultry Protein & Fat Council
Protekta Inc.
SoyBest
Stuhr Enterprises LLC
Vetagro Inc.
2019 INTERBULL AND ADSA® ANNUAL MEETING REGISTRATION

ADSA Professional Members: Save $50.00 on registration fees by registering online by 11:59 pm on March 14, 2019, at https://www.adsa.org/Meetings/2019-Annual-Meeting/Registration

ADSA member ID# ___________ □ First-time attendee

Name

<table>
<thead>
<tr>
<th>Last (Family)</th>
<th>First</th>
<th>Middle Initial</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>

Preferred first name on badge ___________________________ Email ___________________________

Institution/company ______________________________________

Business address ________________________________________

City __________________________ State/province __________

Country __________________________ Zip/postal code ______

Phone __________________________ Fax _____________________

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

_________________________________________________________________________________________________

Emergency contact name and phone number: __________________________

INTERBULL REGISTRATION FEES

<table>
<thead>
<tr>
<th>Professional</th>
<th>$340</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>$250</td>
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ADSA REGISTRATION FEES

<table>
<thead>
<tr>
<th>Before May 30</th>
<th>After May 30</th>
</tr>
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<tbody>
<tr>
<td>ADSA Professional Member</td>
<td>$495</td>
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<tr>
<td>Nonmember**</td>
<td>$600</td>
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<tr>
<td>Fellow/Life Member</td>
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<tr>
<td>Postdoc Member</td>
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<td>Postdoc Nonmember**</td>
<td>$225</td>
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<tr>
<td>Graduate Student Member</td>
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<tr>
<td>Graduate Student Nonmember**</td>
<td>$200</td>
</tr>
<tr>
<td>Undergraduate Student Member</td>
<td>$0</td>
</tr>
<tr>
<td>Undergraduate Student Nonmember**</td>
<td>$200</td>
</tr>
<tr>
<td>One-Day Registration</td>
<td>$195*</td>
</tr>
</tbody>
</table>

Note: If you are attending the Interbull Meeting AND the ADSA meeting, you must check one registration option for each meeting.

*Please note: The 1-day option is single price and nonrefundable and cannot be exchanged for another registration option.

**Lapsed members and nonmembers:** Renew your membership or join ADSA today and save on meeting registration fees. Simply mark (below) the correct membership category and then, in a single payment, include the membership dues with the appropriate member registration fee for the 2019 Annual Meeting. Membership will be valid through 12/31/2019.

ADSA Professional Membership Dues | $110
ADSA Undergraduate Student Membership Dues | $5
ADSA Graduate Student Membership Dues | $10
ADSA Postdoc Membership Dues | $55

REGISTER ONLINE: https://www.adsa.org/Meetings/2019-Annual-Meeting/Registration

REGISTRATION FORM CONTINUED ➤
### TICKETED EVENTS

<table>
<thead>
<tr>
<th>Day</th>
<th>Event</th>
<th>Fee</th>
<th>Quantity</th>
</tr>
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<tbody>
<tr>
<td>Saturday, June 22</td>
<td>SAD Shirt</td>
<td>$15</td>
<td></td>
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<tr>
<td></td>
<td>Circle size: S M L XL</td>
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<tr>
<td></td>
<td>SAD/GSD Dairy Tour</td>
<td>$15</td>
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<tr>
<td>Sunday, June 23</td>
<td>Nutrition Models Workshop</td>
<td>$25</td>
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<td></td>
<td>SAD Undergraduate Midday Mixer</td>
<td>$5</td>
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<td></td>
<td>Dairy Records Mgmt Workshop (AM)</td>
<td>$75</td>
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<tr>
<td></td>
<td>Dairy Records Mgmt Workshop (PM)</td>
<td>$75</td>
<td></td>
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<tr>
<td></td>
<td>Teaching Workshop</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Professional</td>
<td>$50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Graduate Student/Postdoc</td>
<td>$40</td>
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<tr>
<td></td>
<td>GSD Symposium: Grant Writing</td>
<td>$0</td>
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<tr>
<td></td>
<td>Opening Session and Reception</td>
<td>$0</td>
<td></td>
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<tr>
<td></td>
<td>GSD Mixer: 16-Bit Bar and Arcade</td>
<td>$10</td>
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<tr>
<td>Monday, June 24</td>
<td>ADSA Production Division</td>
<td></td>
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<tr>
<td></td>
<td>Extension Breakfast</td>
<td>$35</td>
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<tr>
<td></td>
<td>SAD Mentoring Session 1*</td>
<td>$0</td>
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<tr>
<td></td>
<td>Companion Tour 1: Under the Market</td>
<td>$60</td>
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<td></td>
<td>GSD Career Insights Lunch</td>
<td>$10</td>
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<td>SAD Career Roundtable Lunch</td>
<td>$10</td>
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<td></td>
<td>Awards Ceremony</td>
<td>$0</td>
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<td></td>
<td>Ice Cream Social</td>
<td>$0</td>
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<tr>
<td></td>
<td>SAD Mixer</td>
<td>$15</td>
<td></td>
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<tr>
<td>Tuesday, June 25</td>
<td>Fun Run</td>
<td>$0</td>
<td></td>
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<tr>
<td></td>
<td>Circle T-shirt size: S M L XL</td>
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<tr>
<td></td>
<td>SAD Mentoring Session 2*</td>
<td>$0</td>
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<td></td>
<td>SAD Educational Workshop</td>
<td>$0</td>
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<td></td>
<td>Companion Tour 2: Cinci Top 10 Tour</td>
<td>$60</td>
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<tr>
<td></td>
<td>Production Division Lunch</td>
<td>$15</td>
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<tr>
<td></td>
<td>(boxed lunch; optional)</td>
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<tr>
<td></td>
<td>SAD Awards Luncheon</td>
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<tr>
<td></td>
<td>Professional</td>
<td>$50</td>
<td></td>
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<tr>
<td></td>
<td>Student</td>
<td>$35</td>
<td></td>
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<tr>
<td></td>
<td>Iowa State University Reception</td>
<td>$0</td>
<td></td>
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<tr>
<td></td>
<td>CSAS Wine and Cheese Social</td>
<td>$20</td>
<td></td>
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<tr>
<td></td>
<td>GSD Mix and Mingle</td>
<td>$0</td>
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<tr>
<td>Wednesday, June 26</td>
<td>Mixed Models Workshop (1.5 days)</td>
<td>$175</td>
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<tr>
<td></td>
<td>Teagasc-Moorepark Symposium</td>
<td>$110</td>
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<td></td>
<td>(fee includes breaks and lunch)</td>
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</tbody>
</table>

*SAD Mentoring Sessions—indicate research areas of interest:

- Animal Behavior and Well-Being
- Animal Breeding
- Food Safety
- Forages and Pastures
- Growth and Development
- Physiology and Endocrinology
- Ruminant Nutrition

☐ I would like to serve as a mentor for the SAD mentoring sessions

### CANCELLATION POLICY

Note: This cancellation policy does not apply to nonmember presenters. Abstract presenters must register by **March 14, 2019**, see page 2 of this brochure for the nonmember presenter cancellation policy.

To be eligible for a refund of meeting registration fees, requests must be received in writing. If the request is received on or before **May 23, 2019**, the registrant will receive a 90% refund. If the request is received after **May 23, 2019**, NO REFUND will be issued.

The cancellation/refund request deadline applies only to meeting registration fees. Ticketed events may be cancelled if minimum attendance requirements are not met. Refunds will be issued for cancelled ticketed events. **No refunds** will be issued for ticketed events that are not cancelled. All approved refunds will be issued after the meeting in the form in which payment was made.

### IMPORTANT DEADLINES

- **Abstract Submission**: February 20
- **Nonmember Presenter Registration**: March 14
- **Early Bird Member Registration**: March 14
  ($50 off professional member rate with online registration)
- **Housing**: May 22
- **Early Registration**: May 30
- **Advance Preload**: June 19

### PLEASE NOTE

Please be sure to preregister for all ticketed events, including social events; tickets will not be available for purchase on site. Scheduling and locations are subject to change without notice.

### SUBMIT THIS REGISTRATION FORM

Register online at [https://www.adsa.org/Meetings/2019-Annual-Meeting/Registration](https://www.adsa.org/Meetings/2019-Annual-Meeting/Registration) or complete and mail or fax this form with your check, money order, or credit card information to:

**2019 ADSA Annual Meeting**  
1800 South Oak, Suite 100  
Champaign, IL 61820  
Fax: 217-398-4119  
**Contact us:**  
Phone: 217-356-3182  
Email: adsa@adsa.org

ADSA is committed to conducting meetings where all attendees are free to participate in an inclusive space without harassment of any form. This extends to various meeting, planning, and committee activities occurring in conjunction with any ADSA event. Violations of this policy can be reported to the Board of Directors. The Internal Affairs Committee will render judgment for the offense, which may include removal from the meeting, replacement as a committee or session chair, or withdrawal of abstract(s) or other presentations. By agreeing to serve on a committee or registering for the meeting, attendees agree to abide by these rules of behavior.
The official hotels for the 2019 Annual Meeting are the Hyatt Regency (ADSA HQ), the Hilton Netherland Plaza (Interbull HQ), the Hampton Inn/Homewood Suites (student HQ), and the Westin Cincinnati. Reservations can be made by either of the following methods:

**Online**
Make your **ADSA** hotel reservation online: https://book.passkey.com/go/ADSAc2019
Make your **Interbull** hotel reservation online: https://book.passkey.com/go/Interbull2019

**Phone**
Call (513) 621-2119

Please make your reservation before **May 22, 2019**, to secure a room at our discounted rates. For more information, visit https://www.adsa.org/Meetings/2019-Annual-Meeting/Hotel.

**Americans with Disabilities Act (ADA) Compliant**
ADSA chooses facilities that are ADA compliant. If you have any questions or concerns, please contact our office.
2019 ADSA Annual Meeting
1800 South Oak, Suite 100
Champaign, IL 61820

ADSA Annual Meeting • June 23–26
Interbull Annual Meeting • June 22–24
Cincinnati, Ohio

adlsa.org/2019