2015

ADSA® - ASAS

JOINT ANNUAL MEETING

July 12–16, ORLANDO, FLORIDA

REGISTRATION BROCHURE

www.jtmtg.org/2015
The American Dairy Science Association® (ADSA®) and American Society of Animal Science (ASAS) will hold our 2015 Joint Annual Meeting (JAM) in Orlando, Florida, July 12–16, immediately following the 2015 Interbull annual meeting being held at the same location (July 9–12). This brochure provides meeting highlights as well as registration and housing information. The meeting program will be posted online at http://www.jtmtg.org/2015 in early May, and a printed program book will be distributed on site.

New at the 2015 JAM
• Graduate student early registration rate of only $75!
• Interbull/JAM joint session, including two genetics symposia on Sunday—Free to registered JAM attendees!
• Free Wi-Fi in public meeting areas and all sleeping rooms as well as the exhibit hall
• Reorganized poster area with wider aisles and more room for networking
• JAM poster app: View posters on your mobile device, connect with poster presenters, and share interesting posters with colleagues
• Enhanced JAM mobile-optimized website
• Invited-speaker bios in mobile MyProgram

JAM Welcomes Interbull to Orlando!
The 2015 Interbull Annual Meeting will take place July 9–12, 2015, at the Rosen Shingle Creek Resort in Orlando, Florida, on the four days leading up to the start of the 2015 ADSA®-ASAS JAM. Interbull is a subcommittee of ICAR and is completing 32 years of existence in 2015. Interbull includes 50 organizations from 32 countries on 5 continents, who participate in Interbull activities involving international genetic evaluations of dairy bulls (83 populations from 6 breeds, delivering about 200,000 evaluations for 40 different traits, 3 times a year).

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 JAM registration or can register for the Interbull meeting only (see page 13). The Interbull registration fee includes morning coffee, lunch, and afternoon coffee on Friday, July 10; and morning coffee, lunch, afternoon coffee, and dinner on Saturday, July 11. Interbull scientific sessions run all day Friday and Saturday morning, with steering/technical committee and business meetings on Thursday, July 9, and Saturday afternoon. See the Interbull Schedule of Events on page 8. For more information on the Joint Interbull/JAM symposia on Sunday, please visit http://www.jtmtg.org/2015/program.asp and view the first two Breeding and Genetics symposia.

Location and Schedule of Events
JAM 2015 will be held at the Rosen Shingle Creek Resort in Orlando. All meeting space, exhibits, and hotels rooms are conveniently located under one roof. All of the attractions that Orlando offers are within a few minutes of the Rosen Shingle Creek Resort.

The JAM opening session will be held on Sunday evening, July 12; scientific sessions will begin Monday morning, July 13, and run through noon on Thursday, July 16.

Opening Session
Please join us at the opening session for a keynote address by Michele Payn-Knoper, author of No More Food Fights! See the back cover of this brochure for more information. After the session, join us for food and drink at the opening reception. Watch the website for updates.

Program Format for 2015
Poster sessions: 7:30 am – 9:30 am
Scientific sessions: 9:30 am – 12:30 pm
Lunch breaks: 12:30 pm – 2:00 pm
Scientific sessions: 2:00 pm – 5:00 pm

Meeting rooms will be equipped for electronic presentations and preloaded sessions. In addition to free Wi-Fi in public areas, a cyber café will be available for attendees to use while at the meeting.

Registration Information and Hours
Use the registration form in this brochure or register online at http://www.jtmtg.org/2015/Reg.asp. For some ASAS-specific events, please register directly through ASAS: www.asas.org/JAM_events. Your JAM receipt, meeting badge, appropriate tickets, and other meeting materials will be available at the registration area in the Rosen Shingle Creek. Please register by June 19, 2015, to take advantage of the discounted early registration rate. In addition, professional members who register online before 11:59 pm on April 1, 2015, will receive a $50 discount on the early registration fee.

Registration will be located in the Gatlin Ballroom Prefunction area of the Rosen Shingle Creek. Registration hours for the Interbull meeting and the 2015 JAM are as follows:

Interbull Registration:
Wednesday, July 8 3:00 pm – 5:00 pm
Thursday, July 9 7:30 am – 5:00 pm
Friday, July 10 7:30 am – 5:00 pm

JAM Registration:
Saturday, July 11 3:00 pm – 5:00 pm
Sunday, July 12 7:00 am – 7:00 pm
Monday, July 13 6:30 am – 5:15 pm
Tuesday, July 14 7:00 am – 5:15 pm
Wednesday, July 15 7:00 am – 5:15 pm
Thursday, July 16 8:00 am – 1:00 pm

Presentation Information
Notice to Nonmember Presenters
Because of an increase in no-shows for both oral and poster presentations at recent meetings, if you are not a member of ADSA or ASAS, acceptance of your abstract for the 2015 JAM will be finalized only if you have registered for the meeting by April 1, 2015.
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 JAM headquarters (abstract@assochq.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 or ASAS) is not registered for the 2015 Joint Annual Meeting by 11:59 pm (Central time) on April 1, 2015, 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 JAM headquarters (abstract@assochq.org) to provide your change of information.

**Oral and Invited Speakers**

Oral sessions will begin at 9:30 am on Monday and Tuesday, 10:30 am on Wednesday, and 8:30 am on Thursday. Meeting rooms will be equipped for electronic presentations and pre-loaded 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 July 8: http://www.fass-abstracts.org/meetinginfo.asp?meetingcode=229. Files will not be accepted via e-mail.

**Onsite upload:** Onsite presentation upload will be available; files can be delivered to the Preload Room. Presentations must be uploaded by 3:00 pm on the day before your scheduled presentation. Files will not be accepted via e-mail. No presentations will be loaded while the session is in progress or between presentations.

**Poster Presentations**

We have dedicated a two-hour block each morning to poster presentations. The “open poster” sessions will be from 7:30 to 9:30 am Monday, Tuesday, and Wednesday in the Gatlin Ballroom of the Rosen Shingle Creek. Coffee and pastries will be served in the poster area from 8:00 to 9:00 am on Monday, Tuesday, and Wednesday.

Each poster presentation will be available for public viewing for the entire day, with the presenting authors present during the open poster times (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, Monday through Wednesday. Posters must be removed after 5:00 pm each day. Any posters remaining after 5:30 pm 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.

Don’t want to carry your poster to the meetings? Use the online FedEx Office Services: http://www.fedex.com/us/office/services/. 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. For Monday posters an “M,” Tuesday posters a “T,” and for Wednesday posters a “W” precedes the board number.

**Notice to Attendees**

Use of cameras, video cameras, and phones (for calls or audio/video recording) 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. Smartphones may be used in the poster area to access the JAM poster app via QR code.

**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 2015 Joint 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.

**Continuing Education (RACE) Credits for Veterinarians**

Many of the symposia at the 2015 Joint Annual Meeting will be approved for RACE credits. We are in the process of having specific symposia approved. Following approval, symposia approved for RACE credits will be posted online at http://www.jtmtg.org/2015. Information regarding RACE can be found at www.aavsb.org.

**Accommodations**

In order to receive the meeting discount, housing reservations must be made through the Rosen Shingle Creek Housing Services. Reservations may be made online by visiting http://www.jtmtg.org/2015/hotel.asp, or by completing the housing form located online or on page 15 of this brochure. Please note that the deadline for discounted room rates is June 19, 2015.

**Orlando Transportation**

Orlando International Airport serves more than 35 scheduled airlines, providing nonstop service from more than 100 US domestic and international cities. Once in Orlando, you can choose from a large selection of rental vehicles, taxis, limousines,
and public transportation. Travel by car is also convenient, with a number of major highways flowing into Central Florida and throughout the rest of the state. JAM attendees who choose to drive to the meeting will enjoy free overnight self-parking; a discounted parking rate of $5/day is available for JAM attendees not staying at the Rosen Shingle Creek. Attendees traveling around International Drive can board the I-Ride Trolley, a hop-on, hop-off service route exclusive to the International Drive Resort area. Orlando’s public transportation system, LYNX, is a great way to get around town.

The Rosen Shingle Creek Resort is approximately 11 miles from Orlando International Airport (MCO). The one-way taxi fare from the airport to the resort is approximately $45.00. Start networking by sharing a cab with other JAM attendees to save expense; just print out this sign: http://www.jtmtg.org/2015/2015_JAM_Taxi_Sharing.pdf and display it near the taxi stand at the airport. There are also many shuttle services available to choose from. SuperShuttle is one of the most popular: http://www.supershuttle.com.

Orlando Sightseeing Options
With seven of the world’s top 20 theme parks in one destination, not to mention nearly 100 other attractions, Orlando certainly knows how to entertain. If rollercoasters aren’t your thing, consider 18 holes of golf on one of Orlando’s 176 courses. Orlando was recently named the North American Golf Destination of the Year by the International Association of Golf Tour Operators. Play 18 holes on courses designed by golf legends, including Palmer, Watson, Nicklaus, and Norman. Orlando is also a true culinary hot-spot with award-winning restaurants and celebrity chefs catering to visitors from across the globe. An extensive list of fine-dining establishments, casual cafés, and chic wine bars meets just about any taste or budget. Visit the CVB (http://www.visitorlando.com) for many more ideas on what to do for fun in Orlando!

Program Highlights: Symposia and Workshops
Scheduling and titles are subject to change without notice; check the JAM Program Book for final information.

Sunday, July 12
- Breeding and Genetics Symposium: Joint Interbull/JAM Session: Milk spectral data—Cost-effective information to improve expensive and limited traits in dairy cattle breeding
- Breeding and Genetics Symposium: Joint Interbull/JAM Session: Use of genomics to improve limited and novel phenotypes in animal breeding
- Triennial Reproduction Symposium: Joint Interbull/JAM Session: Developmental programming of fertility (separate fee required)
- Teaching Workshop: Changing the animal science teaching and learning paradigm—An interactive workshop on how to use case study teaching to foster critical thinking and classroom discussion (separate fee required; limited availability at the $80 postgraduate/PhD rate)
- Late-Breaking Original Research Session

Monday, July 13
- Bioethics Symposium: Effects of science, government, and the public in directing the future of animal agriculture
- Breeding and Genetics Symposium: Relevance of modeling in the genomics era
- Comparative Gut Physiology and Nonruminant Nutrition Symposium: The gut–brain axis—Sensing and signaling
- Extension Education Symposium: Extension and industry outreach for tomorrow’s producers
- Lactation Biology Symposium: Mammary gland biology revisited
- ADSA Foundation PhD Symposium: Meeting the present and future demand for employees with a PhD
- ADSA Multidisciplinary and International Leadership Keynote (MILK) Symposium: Global dairy perspective—Production, processing, people, politics, and priorities
- ADSA Southern Section Symposium: Maximizing forage quality in the Southeast
- Animal Behavior and Well-Being Symposium: Novel and multidisciplinary approaches to animal welfare
- Animal Health Symposium: Understanding and reducing the impact of various stressors on immune responses and health of cattle
- Bovine tuberculosis (TB) and paratuberculosis (Johne’s disease) Symposium—What we know and what we need to know
- Physiology and Endocrinology Symposium: Progesterone as an endocrine regulator of fertility in cattle
- Ruminant Nutrition Symposium: Time required for diet adaptation and minimization of carry-over effect in ruminants: Evidence-based decisions

Tuesday, July 14
- ARPAS Symposium: Reproductive efficiency of beef cows—Current status and new technologies
- ADSA Production Division Symposium: Production efficiency of the dairy cow
- Beef Species Symposium: Keeping beef in the center of the plate—Meeting consumer demand in a period of reduced cattle numbers and increased prices
- Cell Biology Symposium: Regulation of growth through amino acid sensing
- Forages and Pastures Symposium: Implications of climate change on the resiliency of forage and pasture production systems
- Horse Species Symposium: Exercise physiology of the horse
Tuesday, July 14, continued

- Milk Protein and Enzymes Symposium: High milk protein foods—Challenges and opportunities in structures and digestion
- ADSA Production Division Symposium: The rumen and beyond—Nutritional physiology of the modern dairy cow
- Beef Cattle Nutrition Symposium: Feeding Holstein steers
- Companion Animals Symposium: Bioenergetics of pet food
- Contemporary and Emerging Issues and International Animal Agriculture Symposium: Ahead to 2050—Global livestock production challenges: Current status, future needs, production obstacles
- Dairy Foods Symposium: Recent developments in manufacturing and applications of lactose and lactose derivatives
- Teaching/Undergraduate and Graduate Education Symposium: Teaching graduate students to teach and be successful at teaching

Wednesday, July 15

- Mixed Models Workshop (all day Wednesday and Thursday morning; separate fee required)
- Dairy Foods Symposium: Advances in bacterial exopolysaccharides—From production to applications in dairy foods and health
- Growth and Development Symposium: The mitochondrion—A powerhouse for the cell or a key to animal productivity?
- Horse Species Symposium: Recent advances in the microbiome and physiology of the hindgut of the horse and dog
- Small Ruminant Symposium: Genetic improvement in small ruminants for the future
- ADSA-ASAS Northeast Section Symposium: Bridging the gap between animal protein production and consumers, current and future
- Animal Health Symposium: Maintaining animal health in organic dairy herds
- Companion Animals Symposium: Comparative nutrition—Protein and energy across species
- Dairy Foods Symposium: Processing and ingredient innovations to grow fluid milk sales
- Production, Management, and the Environment Symposium: Environmental footprint of livestock production—Greenhouse gas emissions and climate change
- Physiology and Endocrinology Symposium: Insulin revisited

Thursday, July 16

- Mixed Models Workshop (all day Wednesday and Thursday morning)

Workshops

**Teaching Workshop: Changing the animal science teaching and learning paradigm—An interactive workshop on how to use case study teaching to foster critical thinking and classroom discussion (separate fee required)**

The purpose of this workshop is to engage participants in different types of case study methods of instruction, demonstrate how to teach with case studies and how to write cases and teaching notes so that other individuals can use them. During this highly interactive workshop, participants will experience case study teaching from the student’s viewpoint and discuss how this teaching method can contribute to critical thinking and effective classroom discussions. In breakout sessions, participants will write their own cases or modify existing cases relevant to specific disciplines within the animal sciences undergraduate program (e.g., nutrition, genetics, management, physiology). This daylong workshop will be facilitated by Dr. Clyde (Kipp) Herreid, who is the founding director of the National Center for Case Study Teaching in Science (http://sciencecases.lib.buffalo.edu/cs/) and distinguished teaching professor of the State University of New York. Kipp has published over 150 articles and five books in the fields of ecology, behavior, and physiology of animals and has written extensively in the field of science education.

Instructor: Clyde (Kipp) Herreid

**Mixed Models Workshop (separate fee required)**

The Mixed Models 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.

Instructors: Nora Bello and Bruce Craig

---

**ADSA-SAD 2015 JAM Commemorative T-Shirts Available!**

Get your very own 2015 JAM Commemorative T-Shirt! Shirts are navy blue, unisex sizing, with ADSA-SAD on the front pocket area and a Florida sunset graphic image on the back. Shirts are $15 and can be ordered on the JAM Registration Form.
Coffee and pastries will be served in the exhibit hall on Monday, Tuesday, and Wednesday from 8:00 to 9:00 am. Please make time to talk with our exhibitors while you are enjoying complimentary coffee and pastries!

**ASAS Undergraduate Academic Quadrathlon**

**Sunday and Monday**

**Various Times and Locations Below**

ASAS is excited to offer four undergraduate regional championship teams the chance to compete for the National Academic Quadrathlon (AQ) title. The AQ has been an integral part of ASAS history and we are excited to use it as a platform to integrate more undergraduate involvement at our meetings. The competition will be hosted at the University of Florida.

- **Sunday, July 12:** Practicum and written exam (University of Florida)
- **Monday, July 13:** Oral reports and quiz bowl, including finals (University of Florida)

**ASAS Hospitality Suite**

**Sunday 12:00 – 5:00 pm**

**Monday – Wednesday, 8:00 am – 5:00 pm**

Join your colleagues in the ASAS Hospitality Suite to relax and catch up. While you are there, take advantage of the mobile charging station and the ASAS Foundation Coffee Club. Registration for the Coffee Club is open year round. Sign up now at asas.com/membership-services/foundation/asas-coffee-club.

**ASAS Undergraduate and Graduate Student Event: Animal Rescue and Rehabilitation Laboratory, SeaWorld Orlando**

**Saturday, July 11**

11:30 am – 5:00 pm

Departing from the lobby of the hotel, we will be shuttled by motor coach to nearby SeaWorld Orlando. Students will participate in a one-hour course taught by a SeaWorld instructor. Video presentations by each team to take place during ASAS Awards Program in the evening (at the Rosen Shingle Creek).

**ADSA Undergraduate Student Dairy Quiz Bowl Final Round**

**Sunday, July 12**

5:30 – 6:00 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 2015 Dairy Quiz Bowl Winning Team.

**ADSA Undergraduate Student Dairy Quiz Bowl**

**Saturday, July 11**

5:00 – 5:30 pm

Students will participate in a one-hour course taught by a SeaWorld instructor. Video presentations by each team to take place during ASAS Awards Program in the evening (at the Rosen Shingle Creek). Registration for the Coffee Club is open year round. Sign up now at asas.com/membership-services/foundation/asas-coffee-club.

**ADSA Undergraduate Student Midday Mixer**

**Sunday, July 12**

12:00 – 1:00 pm

Join your fellow dairy clubs for a fun hour of getting reacquainted and making new friends, and get to know your 2015–2016 Student Affiliate Division (SAD) Officer candidates. Ticket price includes lunch. Note: Registration is limited to ADSA undergraduate student members and advisors.

**ADSA Graduate Student Division Workshop:**

**Making Science Sexy: Communicating Your Relevance**

**Sunday, July 12**

2:00 – 4:00 pm

Join us for an exciting interactive workshop with the 2015 JAM keynote speaker, Michele Payn-Knoper. One of the greatest challenges the scientific community faces currently is how to demonstrate the importance of their research to gain the trust of the general public. Attend to learn how to “sell” science and influence the non-science world. A $10 registration fee is required, and space is limited, so sign up early! Attendees will receive a copy of Michele Payn-Knoper’s book titled “No More Food Fights!”

**ADSA Graduate Student Division Business Meeting and Open Forum**

**Sunday, July 12**

4:30 – 5:15 pm

In addition to meeting the incoming GSD officer team, be sure to attend this meeting to voice your ideas and opinions about ADSA GSD activities. Join us for a new, more interactive style of business meeting and great conversations with your fellow dairy science graduate students.

**ASAS Foundation Coffee Club**

Registration for the Coffee Club is open year round. Sign up now at asas.com/membership-services/foundation/asas-coffee-club.

**Graduate Student Professional Development Lunch: Your résumé may get you in the door but your APCs will separate you!**

**Monday, July 13**

12:30 – 2:00 pm

All graduate students are invited to listen to Dr. Mike Moseley, a Dale Carnegie Instructor for 25 years, speak about career development. Students will learn how their Attitude, Aptitude, Passion, Persistence, and Communication skills will separate them beyond their résumés. A $10 registration fee is required and a box lunch is included.

**ASAS Undergraduate Lunch and Learn**

**Monday, July 13**

12:00 – 2:00 pm

This interactive discussion will focus on preparing for a future in animal science with specific emphasis on navigating career choices in a challenging economic and societal environment.

**ASAS President’s Picks Posters**

**Monday, July 13**

6:00 – 9:00 pm

We will display 10 to 20 posters beginning 30 minutes before the ASAS awards. The posters will represent science that the current ASAS president finds innovative! Take a moment to walk through the posters and see what Dr. Aaron thinks is new and exciting at JAM this year.
Choose from the wide array of world-class restaurants, dazzling entertainment and unique shops that line the waterfront in the Downtown Disney area. Shop in the world's largest Disney store, dine amid life-size prehistoric creatures, bowl a game at the 30-lane alley and more. This fun-filled district includes Downtown Disney West Side, Downtown Disney Marketplace and Pleasure Island. At 8:30 pm, students can keep the Disney Magic going by meeting at the legendary House of Blues. Shuttle service will be provided between the Rosen Shingle Creek and Downtown Disney.

**ASAS Awards Program**
Monday, July 13
7:15 – 8:30 pm

All meeting participants, families, and friends are welcome to attend the ASAS Awards Program. Please join us at this special event to recognize and congratulate the 2015 ASAS National Award Winners. The 2015 Awards Celebration follows immediately after the awards ceremony. ASAS Academic Quadrathlon finals will take place at the University of Florida on Monday morning. There will be a special video presentation by each AQ team about their school and themselves during the Awards Program.

**ASAS Awards Celebration, Big Scoop Ice Cream Competition, and Battle of the Brats Competition**
Monday, July 13
8:30 – 10:30 pm

Come and join ASAS after our awards ceremony to celebrate and congratulate all of the 2015 ASAS National Award winners. ASAS and sponsors welcome you to this exciting reception. We will have food, cash bars, and designated areas where you can meet with award winners and colleagues. New this year is the Battle of the Brats Competition. Back by popular demand, the Big Scoop Competition will be held during the awards celebration with the winner being presented with the trophy at the business meeting on Wednesday morning.

**ASAS Graduate Student Mixer**
Monday, July 13
9:30 pm
Splitsville at Downtown Disney

Join your fellow graduate students from ASAS at a mixer for all to enjoy at Splitsville at Downtown Disney. This event will provide an opportunity to catch up with old friends and make new ones. Don’t miss it! Preregistration is highly recommended.

**ASAS Undergraduate Poster Contest**
Tuesday, July 14
7:15 – 9:15 am

Join us for the 2015 national undergraduate research poster competition. Please come out to support our undergraduate presenters.

**ASAS Undergraduate Student Career Roundtable**
Tuesday, July 14
9:30 – 11:00 am

This highly interactive event will give students the opportunity to meet with industry professionals representing various facets of the animal agriculture industry. They 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.

**Companion Event 1: Winter Park Cultural Tour**
Tuesday, July 14
10:00 am – 2:00 pm

Downtown Winter Park’s charm is magnified in its details: hidden gardens and side streets that are home to unique stores, a farmer’s market that attracts both locals and visitors alike each Saturday morning and festive parades that make the seasons. The Scenic Boat Tour cruises through three of the city’s lakes and border the area’s most prestigious homes. The relaxing, narrated, one-hour, 12-mile cruise through the lakes and canals is really the only way to see the true beauty of Winter Park. Lunch is included at Chez Vincent, which is located in the recently renovated artsy Hannibal Square of Winter Park and it’s one of “the” places to dine in the Winter Park and Orlando areas. Preregistration for this event is required. Register early—capacity is limited!

**ASAS Undergraduate Student Awards Luncheon**
Tuesday, July 14
11:45 am – 2:00 pm

Plan to attend this year’s SAD awards luncheon. The afternoon will be capped with 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.

**ASAS Graduate Student Lunch and Learn**
Tuesday, July 14
12:30 – 2:00 pm

This interactive discussion will focus on future career options and opportunities after graduation.

**ASAS Foundation Heritage Luncheon**
Tuesday, July 14
12:30 – 2:00 pm

Each year, the Foundation Heritage Lunch honors notable animal scientists for their achievements. Please join us at this Foundation fundraiser to honor pioneers of animal science.

**ASAS JAS Editorial and Open Forum Luncheon**
Tuesday, July 14
12:30 – 2:00 pm

Section editors are invited to the Journal of Animal Science Open Forum Luncheon to discuss the current status of the journal and future development opportunities.

**ASAS Student Three-Minute Thesis Challenge**
Tuesday, July 14
3:00 – 4:30 pm

Plan to take part in the new “Three-Minute Thesis” competition open to all ASAS student members! This event will test the competitors’ abilities to concisely convey their research in a way that is understandable to all. Entry will be limited to those students selected by a panel of judges based upon strength of CV and a 100-word abstract describing the presentation. Five graduate students and five undergraduate students will be invited to participate in this inaugural event and will compete for cash prizes to be awarded to the first- and second-place graduate and undergraduate students, as determined by a panel of judges. Please join us to make this event a success and to see these students present their research in a fun and challenging way.

**Hunger Fight Food Packing Event, sponsored by ASAS and AMSA**
Tuesday, July 14
4:30 – 7:00 pm

Animal scientists work toward feeding the future every day—here is a chance to give back even more. ASAS has partnered with Hunger Fight in 2015! Attendees are invited to help pack nutritional meals for the Florida-based Hunger Fight organization as well as make a monetary donation for World Hunger in recognition of the CANCER FREE 2020® campaign.
donation to help pay for the meal packages. These nutritional meals are distributed to individuals and families in Florida. With the help of great partners, Hunger Fight is able to supply four meals for $1! We need approximately 350 people to pack 100,000 meals. Come be part of the solution as we work to combat world hunger. Learn more about this event, sign up, or make a monetary donation at https://www.asas.org/meetings/hungerfightevent.

ADSA Awards Program
Tuesday, July 14
7:00 – 8:00 pm
All meeting participants, families, and friends are welcome to attend the 2015 ADSA awards program. Please join us at this special event to recognize and congratulate the 2015 award winners.

JAM Ice Cream Social, sponsored by ADSA
Tuesday, July 14
8:15 – 9:30 pm
All meeting participants, families, friends, and award donors are invited to join us for the always-popular ice cream social.

ADSA Graduate Student Division Mixer
Tuesday, July 14
9:00 pm – 12:00 am
Howl at the Moon, 8815 International Drive, Orlando
Enjoy a fun and entertaining night with your fellow ADSA graduate students. Howl at the Moon features dueling pianos playing the most popular hits from today and the past. Free drink ticket AND free admission for the first 100 at the door! After the first 100, there is a $5 admission fee. Howl at the Moon is located just a short cab ride away from the conference location and close to other restaurants and venues. Join your colleagues from around the world for a fun-filled night of entertainment!

Companion Event 2: Kennedy Space Center and Lunch with an Astronaut
Wednesday, July 15
8:30 am – 2:00 pm
Worlds apart from Orlando’s theme parks, but just a short drive away, Kennedy Space Center is NASA’s launch headquarters. Each year, millions of visitors make the trek to this hub of technology and discovery where many of mankind’s greatest accomplishments take place. Tour NASA’s launch and landing facilities, experience live shows and jaw-dropping encounters with massive rockets as well as have the opportunity to meet a real member of NASA’s Astronaut Corps. View 10-story-high rockets from all eras of space exploration in the Rocket Garden, walk through a full-size Space Shuttle mock-up, enjoy IMAX Theater space films on gigantic five-story screens and see an actual Gemini program capsule on display. Shopping and food concessions are also available here for your enjoyment. Guests will take a break from self-exploring the facility and have a one-of-a-kind experience for lunch. While guests enjoy their meal, they will be introduced to a real astronaut who will give a presentation and participate in a question and answer session. Guests will also have the opportunity to take pictures with the astronaut. Preregistration for this event is required. Register early—capacity is limited!

Global Networking Reception
Wednesday, July 15
4:30 – 6:00 pm
All meeting participants, families, and friends are welcome to attend the closing reception on Wednesday evening. Again this year, attendees will have the opportunity to indicate their home affiliation on a world map; check the exhibit hall for the poster board before the reception.

SeaWorld Reception and Park Access
Wednesday, July 15
6:00 – 10:00 pm (busing at 5:45 pm and 10:00 pm)
Join fellow attendees for an evening at SeaWorld. The evening will start with a reception with light hors d’oeuvres and drinks with special appearances by park animals as well as costumed characters for children and adults alike from 6:00 to 7:00 pm. Following the reception, you will have access to the SeaWorld park until 10:00 pm, including show and ride access. Busing will be provided between the Rosen Shingle Creek and Sea World. More details including sign-up information can be found online at www.asas.org/JAM_Events. Note, you must register on the ASAS site for this event!
### Saturday, July 11
- **7:00 am – 8:00 am**  
  ASAS New Board Orientation
- **7:30 am – 5:00 pm**  
  ADSA Board of Directors Meeting
- **9:30 am – 5:00 pm**  
  ADSA Board of Directors Meeting
- **11:30 am – 5:00 pm**  
  ADSA Student Tour: SeaWorld
- **3:00 pm – 5:00 pm**  
  Registration open
- **6:00 pm**  
  ARPAS Executive Committee Dinner
- **7:00 pm**  
  ADSA Undergraduate Student Informal Mixer: Poolside, Rosen Shingle Creek
- **7:30 pm**  
  ASAS Board and Academic Quadrathlon Picnic at University of Florida

### Sunday, July 12
- **All day**  
  ASAS Undergraduate Academic Quadrathlon at University of Florida
- **7:00 am – 7:00 pm**  
  Registration open
- **7:30 am – 10:00 am**  
  ADSA New Board Orientation
- **7:30 am – 5:00 pm**  
  Teaching Workshop
- **8:00 am – 5:00 pm**  
  Teaching Workshop
- **8:00 am – 5:00 pm**  
  ARPAS Governing Council Meeting
- **8:00 am – 5:00 pm**  
  Triennial Reproduction Symposium
- **8:30 am – 12:00 pm**  
  ASAS Board of Directors Meeting
- **8:30 am – 12:00 pm**  
  Joint Interbull/JAM Session: Milk spectral data—Cost-effective information to improve expensive and limited traits in dairy cattle breeding
- **10:00 am – 11:00 am**  
  ADSA Undergraduate Student Officers and Advisor Meeting
- **10:00 am – 6:00 pm**  
  Exhibit setup (exhibitors and student dairy clubs)
- **11:00 am – 12:00 pm**  
  ADSA Undergraduate Student Quiz Bowl Officials Meeting
- **11:30 am – 12:00 pm**  
  ADSA Undergraduate Student Quiz Bowl Seating Test
- **12:00 pm – 1:00 pm**  
  ADSA Undergraduate Student Midday Mixer and Pizza Party
- **12:00 pm – 5:00 pm**  
  JAM Hospitality Lounge open
- **12:00 pm – 5:00 pm**  
  ASAS Hospitality Suite open
- **12:00 pm – 5:00 pm**  
  ADSA JDS Editors and Journal Management Committee Lunch and Meeting
- **1:00 pm – 3:00 pm**  
  ASAS Foundation Board of Trustees Meeting
- **1:00 pm – 5:00 pm**  
  ADSA Undergraduate Student Quiz Bowl Seating/Preliminary Rounds
- **2:00 pm – 3:00 pm**  
  ADSA Production Division Council Meeting
- **2:00 pm – 3:30 pm**  
  ADSA Foundation Board of Trustees Meeting
- **2:00 pm – 4:00 pm**  
  ADSA GSD Workshop: Making Science Sexy: Communicating Your Relevance
- **2:00 pm – 5:00 pm**  
  Joint Interbull/JAM Session: Use of genomics to improve limited and novel phenotypes in animal breeding
- **3:00 pm – 4:00 pm**  
  ADSA Production Division Nominating Committee
- **3:00 pm – 5:00 pm**  
  Late-Breaking Original Research Session
- **4:30 pm – 5:15 pm**  
  ADSA GSD Business Meeting and Open Forum
- **5:00 pm – 6:00 pm**  
  ADSA Dairy Foods Division Council Meeting
- **5:00 pm – 6:30 pm**  
  2016 Program Committee Meeting
- **5:30 pm – 6:00 pm**  
  ADSA Undergraduate Student Quiz Bowl Final Round
- **7:00 pm – 10:00 pm**  
  JAM Opening Session and Reception

### Monday, July 13
- **Morning only**  
  ASAS Undergraduate Academic Quadrathlon at University of Florida
- **6:15 am – 7:00 am**  
  ADSA Undergraduate Student Posters setup
- **6:30 am – 8:00 am**  
  ADSA Production Division Extension Breakfast
- **6:30 am – 5:15 pm**  
  Registration open
- **7:15 am – 8:30 am**  
  Turn in yearbooks and scrapbooks at SAD exhibit
- **7:30 am – 9:30 am**  
  ADSA Undergraduate Student Poster Presentations
Schedule of Events continued

7:30 am – 9:30 am  Poster presentations; coffee and pastries in exhibit hall from 8:00 to 9:00 am
8:00 am – 9:00 am  S-PAC Interest Group
8:00 am – 5:00 pm  Commercial exhibits open
8:00 am – 5:00 pm  Job Resource Center open
8:00 am – 5:00 pm  JAM Hospitality Lounge open
8:00 am – 5:00 pm  ASAS Hospitality Suite open
8:30 am – 9:30 am  ADSA Undergraduate Student Judging of Yearbooks, Scrapbooks, Annual Reports
8:30 am – 9:30 am  ADSA Undergraduate Student Interviews for Outstanding Student and Advisor Awards
8:30 am – 9:45 am  ADSA Undergraduate Student Activities Symposium
9:30 am – 5:00 pm  Scientific Sessions
9:45 am – 10:45 am  ADSA Undergraduate Student Business Meeting
10:30 am – 12:30 pm  ARPAS Exam
11:00 am – 5:00 pm  ADSA Undergraduate Student Undergraduate Paper Presentations
12:30 pm – 2:00 pm  ASAS Undergraduate Lunch and Learn
12:30 pm – 2:00 pm  ASAS Past Presidents’ Luncheon
12:30 pm – 2:00 pm  Graduate Student Professional Development Lunch
12:30 pm – 2:00 pm  ADSA Past Presidents’ Luncheon
12:30 pm – 2:00 pm  ACAS Annual Meeting
12:30 pm – 2:00 pm  ASAS National and Sectional Graduate Directors Meeting
2:00 pm – 4:00 pm  ARPAS Exam
2:00 pm – 5:30 pm  Southern Branch ADSA Symposium and Business Meeting
5:00 pm – 7:00 pm  Informal Calf Gathering
5:15 pm – 6:45 pm  ASAS Award Winners’ Dinner
6:00 pm – 9:00 pm  ASAS President’s Picks Posters
6:30 pm – 11:00 pm  ADSA Undergraduate Student Mixer: Downtown Disney
7:15 pm – 8:30 pm  ASAS Awards Program
8:30 pm – 11:00 pm  Iowa State Alumni and Friends Reception
8:30 pm – 11:00 pm  Purdue University Reception
8:30 pm  ASAS Awards Celebration, Big Scoop Ice Cream Competition, and Battle of the Brats Competition
9:30 pm  ASAS Graduate Student Mixer

Tuesday, July 14

6:30 am – 8:00 am  University of Illinois Breakfast
6:30 am – 8:00 am  Kentucky Breakfast
6:30 am – 8:00 am  JDS Editorial Board Breakfast/Meeting
6:30 am – 8:00 am  ADSA DF Division Milk Proteins and Enzyme Committee Breakfast
7:00 am – 5:15 pm  Registration open
7:15 am – 9:15 am  ADSA Undergraduate Poster Competition
7:30 am – 9:30 am  Poster presentations; coffee and pastries in exhibit hall from 8:00 to 9:00 am
8:00 am – 9:00 am  Mycobacterial Diseases of Animals Interest Group
8:00 am – 5:00 pm  Commercial exhibits open
8:00 am – 5:00 pm  Job Resource Center open
8:00 am – 5:00 pm  JAM Hospitality Lounge open
8:00 am – 5:00 pm  ASAS Hospitality Suite open
8:30 am – 9:30 am  ADSA Undergraduate Student Business Meeting – Election of Officers
9:30 am – 11:00 am  ADSA Undergraduate Student Career Symposium
9:30 am – 12:30 pm  ARPAS Symposium
9:30 am – 5:00 pm  Scientific Sessions
10:00 am – 11:00 am  Discover Conference Steering Committee Meeting
10:00 am – 2:00 pm  Companion Tour 1 – Winter Garden Tour
Schedule of Events continued

10:30 am – 12:00 pm  ASAS Investment Committee Meeting
11:30 am – 12:30 pm  ADSA Production Division Business Meeting
11:30 am – 12:30 pm  ADSA Dairy Foods Division Business Meeting
11:45 am – 2:00 pm  ADSA Undergraduate Student Awards Luncheon
12:30 pm – 2:00 pm  ASAS Graduate Student Lunch and Learn
12:30 pm – 2:00 pm  ASAS Foundation Heritage Luncheon
12:30 pm – 2:00 pm  ASAS JAS Editorial Meeting and Open Forum Luncheon
12:30 pm – 2:00 pm  ARPAS Business Meeting
12:30 pm – 2:00 pm  ADSA DF Division Program Planning Lunch
2:00 pm – 3:00 pm  ADSA Undergraduate Student Award and Club Photos
2:00 pm – 4:00 pm  ARPAS Exam
2:00 pm – 5:00 pm  ADSA Undergraduate Student Exhibits – Pick up yearbooks and scrapbooks
2:30 pm – 3:30 pm  ADSA Undergraduate Student Committee Meeting – Old and New Officers and Advisors
3:00 pm – 4:30 pm  ADSA Student Three-Minute Thesis Challenge
4:30 pm – 7:00 pm  ASAS Hunger Fight Food Packing Event
5:00 pm – 6:30 pm  ADSA Award Donor Dinner
7:00 pm – 8:00 pm  ADSA Awards Program
8:15 pm – 9:30 pm  JAM Ice Cream Social, sponsored by ADSA
9:00 pm – 12:00 am  ADSA GSD Mixer: Howl at the Moon

Wednesday, July 15
7:00 am – 9:15 am  ASAS Sectional Leadership Meeting
7:00 am – 5:15 pm  Registration open
7:30 am – 9:30 am  Poster presentations; coffee and pastries in exhibit hall from 8:00 to 9:00 am
8:00 am – 9:00 am  ADSA Spokesperson Update
8:00 am – 2:00 pm  Commercial Exhibits open
8:00 am – 5:00 pm  Job Resource Center open
8:00 am – 5:00 pm  Mixed Models Workshop
8:00 am – 5:00 pm  JAM Hospitality Lounge open
8:00 am – 5:00 pm  ASAS Hospitality Suite open
8:30 am – 2:00 pm  Companion Tour 2 – Kennedy Space Center
9:30 am – 10:30 am  ADSA Business Meeting
9:30 am – 10:30 am  ASAS Business Meeting
10:30 am – 12:30 pm  ARPAS Exam
10:30 am – 5:00 pm  Scientific Sessions
11:30 am – 2:00 pm  ADSA-ASAS Northeast Branch/Section Business Meeting, Reception, and Awards
12:30 pm – 2:30 pm  ADSA Board of Directors Meeting
2:00 pm – 4:00 pm  ARPAS Exam
2:00 pm – 5:00 pm  ADSA-ASAS Northeast Branch/Section Symposium
2:00 pm – 5:00 pm  Commercial Exhibits Dismantle
4:30 pm – 6:00 pm  Global Networking Reception (all attendees and guests are welcome)
5:00 pm – 7:00 pm  ASAS Foundation George Fahey Appreciation—Companion Animal Reception
6:00 pm – 10:00 pm  ASAS SeaWorld Reception and Park Access

Thursday, July 16
8:00 am – 10:00 am  ASAS Board of Directors Meeting
8:00 am – 12:00 pm  Mixed Models Workshop
8:00 am – 1:00 pm  Registration open
8:30 am – 11:30 am  Scientific Sessions
1:00 pm – 5:00 pm  ADSA/DMI Media Training for Issues Spokespersons (by invitation)
2:00 pm – 4:00 pm  Animal Frontiers Editorial Board Meeting
Sponsorship Benefits

Sponsorship benefits for the 2015 JAM 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 and abstract CD/flash drive
• Signage at the meeting
• Post-meeting attendee list
• Company logo on the meeting website
• Link to company website from meeting website
• Listing in onsite newsletter
• Listing and recognition in Taking Stock and ADSA News

If you or your company would like to sponsor the 2015 JAM, please complete the Sponsorship Pledge Form available online: http://www.jtmtg.org/2015/sponsor_pledge_form.asp.

A SPECIAL THANK YOU TO OUR 2015 JAM SPONSORS

(as of January 28, 2015)

Platinum Level:
Elanco Animal Health

Gold Level:
American Dairy Science Association
American Society of Animal Science (ASAS) Foundation
Diamond V
DMI Dairy Research Institute/Innovation Center for US Dairy
European Association of Animal Production (EAAP)
Merck Animal Health
Pancosma

Bronze Level:
Agropur Cooperative
American Association of Mycobacterial Diseases
Bayer Animal Health
Biomin
Council on Dairy Cattle Breeding (CDCB)
King Techina Group
USDA-NIFA-HEC Grants Program

Donors:
Bruker Optics
Chr. Hansen
GrowSafe Systems Ltd.
Jefo Nutrition
Varied Industries Corp.
VetAgro Inc.
West Central: SOYPLUS & SoyChlor

Contributors:
JBS United
Virtus Nutrition
Zoetis

A SPECIAL THANK YOU TO OUR INTERBULL SPONSORS

Council on Dairy Cattle Breeding (CDCB)  World Wide Sires

A SPECIAL THANK YOU TO OUR ASAS EVENT SPONSORS

Alltech  University of Connecticut
ASAS Foundation  University of Florida
ASAS Past Presidents’ Club  Washington State University
Elanco Animal Health  Zoetis
National Block and Bridle

2015 JOINT ANNUAL MEETING EXHIBITORS

(as of January 28, 2015)

Adifo NV  Bruker Optics Inc.
Adisseo  CABIO Bookshop
ADM Animal Nutrition  Central Life Sciences
Ag Processing Inc.  Chris Hansen
Agri-King Inc.  Cumberland Valley Analytical Services
American Dairy Science Association  Dairy One Forage Lab
American Society of Animal Science  Dairy Records Management Systems
American Society of Animal Science Foundation  DASCOR Inc.
Ankom Technology  Diamond V Mills
Bar Diamond Inc.  DVM Systems LLC
Biomin USA Inc.  E.I. Medical Imaging

GrowSafe Systems  Feedstuffs
Hangzhou King Techina Feed Co. Ltd.
Kemin Industries
Lallemand Animal Nutrition
PetAg Inc.
Poultry Protein & Fat Council
Sable Systems International Inc.
SoyBest
University of Florida
Varied Industries Corporation

VENDOR-SPONSORED LUNCH PRESENTATIONS

Watch for your invitation later this spring from Biomin, Bruker Optics, and GrowSafe Systems
Nonmember Students and Postdocs:
Become a member of ADSA and save on meeting registration fees. Simply mark (below) the correct membership category and then, in a single payment, include the Student Membership dues with the appropriate student member registration fee for the 2015 Joint Annual Meeting. Membership will be valid through 12/31/2015.

ADSA Undergraduate Student Membership Dues $5
ADSA Graduate Student Membership Dues $10
ADSA Postdoc Membership Dues $55

Students who wish to join ASAS may visit www.asas.org.

REGISTER ONLINE: http://www.jtmtg.org/2015/Reg.asp

REGISTRATION FORM CONTINUED ▶
### TICKETED EVENTS

<table>
<thead>
<tr>
<th>Day</th>
<th>Event Description</th>
<th>Fee</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Saturday, July 11</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADSA Student Tour: SeaWorld</td>
<td>$35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAD Informal Mixer: Pizza/Pool Party</td>
<td>$23</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAD Shirt</td>
<td>$15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Circle size: S M L XL</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sunday, July 12</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Triennial Reproduction Symposium (full day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Professional</td>
<td>$115</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Student</td>
<td>$35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Teaching Workshop (full day)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Professional</td>
<td>$120</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Postdoc or PhD candidate</td>
<td>$80</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint Interbull/JAM Symposium (AM)</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joint Interbull/JAM Symposium (PM)</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADSA GSD Workshop</td>
<td>$10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAD Undergraduate Midday Mixer</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Opening Session and Reception</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td><strong>Monday, July 13</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADSA Production Division Extension Breakfast</td>
<td>$35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Graduate Student Professional Development Lunch</td>
<td>$10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ASAS Undergraduate Lunch and Learn</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ASAS Awards Program</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ASAS Awards Celebration</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Iowa State University Reception</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Purdue University Reception</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ASAS Graduate Student Mixer (money collected while boarding bus to event)</td>
<td>$10</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAD Mixer: Downtown Disney</td>
<td>$9</td>
<td></td>
</tr>
<tr>
<td><strong>Tuesday, July 14</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>University of Illinois Breakfast</td>
<td>$35</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kentucky Breakfast</td>
<td>$15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Companion Event 1: Winter Garden Tour (includes lunch)</td>
<td>$85</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADSA SAD Awards Lunch</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Professional</td>
<td>$45</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Student</td>
<td>$39</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ASAS Foundation Heritage Lunch (donations accepted at lunch)</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ASAS Graduate Student Lunch and Learn</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADSA Awards Program</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>JAM Ice Cream Social</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADSA GSD Mixer (first 100 free; then $5 at the door)</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td><strong>Wednesday, July 15</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Companion Event 2: Kennedy Space Center (includes lunch)</td>
<td>$120</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ADSA-ASAS NE Section Reception</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mixed Models Workshop (2 days)</td>
<td>$145</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Global Networking Reception (open to all)</td>
<td>$0</td>
<td></td>
</tr>
</tbody>
</table>

### PAYMENT

- Total Amount Due $_______________
- Check enclosed (drawn on US bank in US funds) -or-
- Please charge $_______________ to my credit card
  - American Express
  - MasterCard
  - Visa
  - Discover
- Card Number _______________________
- Expiration Date ____________________
- Signature _________________________

### CANCELLATION POLICY

Note: This cancellation policy does not apply to nonmember presenters. Abstract presenters must register by April 1, 2015; see pages 2 and 3 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 June 19, 2015, the registrant will receive a 90% refund. If the request is received after June 19, 2015, 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: March 3, 2015
- Nonmember Presenter Registration: April 1, 2015
- Early Bird Member Registration: April 1, 2015 ($50 off professional member rate)
- Early Registration: June 19, 2015
- Housing: June 19, 2015
- Advance Preload: July 8, 2015

### 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. All Interbull and JAM events take place at the Rosen Shingle Creek Resort unless otherwise noted.

### SUBMIT THIS REGISTRATION FORM

Register online at http://www.jtmtg.org/2015/Reg.asp or complete and mail or fax this form with your check, money order, or credit card information to:

2015 Joint Annual Meeting
1800 South Oak, Suite 100
Champaign, IL 61820
Fax: 217-398-4119

Contact us:
Phone: 217-356-3182
E-mail: adsa@assochq.org, asas@asas.org

### ADA COMPLIANCE

ADSA and ASAS choose facilities that are ADA compliant. If you have any questions or concerns, please contact our office.
ROSEN SHINGLE CREEK is pleased to host the ADSA®-ASAS Joint Annual Meeting. We have set aside a limited number of rooms for this group until Friday, June 19, 2015. To reserve your room(s), complete and send this form to:

ROSEN SHINGLE CREEK  
ATTN: Jeff Quezada  
9939 Universal Boulevard. Orlando, FL 32819  
(F) 407-996-3157 (toll-free) 1-866-996-6338  
groupreservations@rosenhotels.com

ROSEN SHINGLE CREEK must receive your form, complete rooming list with additional names, if any, and a form of payment on or before Friday, June 19, 2015, to guarantee room(s) availability. If you have reserved a block of rooms through a sub-block agreement, please abide by those deadlines.

Room rates

Floors 1 to 7:  
- Single/double  $129*  
- Triple  $144*  
- Quad  $159*

Floors 8 to 14:  
- Single/double  $139*  
- Triple  $154*  
- Quad  $169*

*Please add 6.5% state sales tax and 6% local hotel tax to all rates

PLEASE TYPE OR PRINT

Total number of rooms desired: ___________________________ (Note: Room types are not guaranteed)

1) Number of single rooms (1 person) ________ 3) Number of triple rooms (3 people) ___________

2) Number of double rooms (2 people) ________ 4) Number of quad rooms (4 people) ____________

Reservation name: ________________________________________________________________________________________

Arrival Date: ______________________________________ Departure Date: _____________________

Address: ______________________________________________________________________________________________

City, State, Zip: ________________________________________________________________________________________

Daytime Phone: _________________ Fax: ______________ E-mail: ____________________________________________

To guarantee your reservation(s), your credit card number is required:

Credit Card Number: _____________________________________________________________ Exp. Date: _______________

Is this a debit card?   Yes____ (Please see note below)   No ____

Cardholder Signature: _____________________________________________________________________________________

- Please note that the credit card provided will be not be charged. Payment will be collected upon arrival.
- Debit cards will automatically incur a charge for one night per room at time of authorization (check-in).
- Please note that there is a 5-day cancellation policy. If reservations are cancelled within the 5 days before the arrival date, a one night plus tax charge will be placed on the credit card on file.
- Self-Parking is complimentary for JAM attendees staying at the Rosen Shingle Creek.
- Early departure fee is $50.

Check-in time is 3:00 pm; Check-out time is 11:00 am.
I have read and understand the above information.

Signature: ___________________________ Date: ___________________________
JAM 2015 Keynote Speaker: Michele Payn-Knoper

Michele Payn-Knoper, CSP, connects the people and science of food and farming as principal of Cause Matters Corp. She is known for being a community catalyst and a passionate advocate for the global agrifood system—and for antagonizing people into action! Michele has worked with farmers in more than 25 countries, raised over $5 million in sponsorships for the National FFA Foundation, and founded the weekly Twitter conversation AgChat, which has involved more than 15,000 participants since April 2009. Payn-Knoper’s degrees are in agricultural communications and animal science from Michigan State University. She has earned the Certified Speaking Professional designation, awarded to fewer than 10% of professional speakers globally. She resides with her daughter on a small farm in central Indiana, where they enjoy Registered Holsteins, MSU Spartans, and cooking. Michele serves as a resource to connect conversations between the food and farm communities at http://causematters.com.

Join us at the Opening Session on Sunday, July 12, to hear Michele's keynote address.

For the latest meeting news and updates, visit http://www.jtmtg.org/2015