



JAM News

Sunday, July 12

Welcome to JAM 2015

Welcome to the 2015 ADSA®-ASAS Joint Annual Meeting and the Rosen Shingle Creek Resort! This meeting continues to be the premier venue for exploring discoveries and ideas that will lead to innovation in the animal and dairy sciences. A significant strength of our societies is our diverse expertise across many disciplines. This diversity is reflected in the JAM scientific program, which includes 43 symposia and workshops, 95 oral sessions, and 70 poster sessions. More than 2,400 abstracts will be presented, including 867 oral and invited presentations and more than 1,500 posters that will be on display in the exhibit hall. The late-breaking original research session continues this year at the Joint Annual Meeting. Eight cutting-edge original research abstracts will be presented in the late-breaking original research session from 3:00 to 5:00 pm today in Panzacola F-1/2 (see page 2). If you miss the session, the posters will be on display through Wednesday, July 15. The overall program committee for this year's meeting includes Filippo Miglior (Interbull vice-chair), Mark McGuire (ADSA vice chair), Connie Larson (ASAS vice chair) and Shawn Archibeque (ASAS vice chair). Please take a moment to thank the committee chairs and their members for their significant service to ADSA and ASAS. The committee also appreciates the many contributions of Peter Studney (ADSA Executive Director), Meghan Wulster-Radcliffe (ASAS CEO), and Jeremy Holzner (Scientific Program Coordinator) in assisting with program organization and fundraising! This year's meeting has a great deal to offer in the many disciplines that involve animal and dairy scientists. On behalf of the overall program committee, thank you for your contributions to this important and exciting meeting. We hope you have a successful and enjoyable week in Orlando!

Geoff Dahl
Overall Program Chair

Opening Session

7:00 pm, Panzacola G/H

Reception follows at 8:15 pm in the Gatlin Foyer

Please join us to celebrate the opening of the 2015 Joint Annual Meeting. The FASS-AFIA award will be presented to John Patience. The session will also include a presentation by Michele Payn-Knoper, principal of Cause Matters Corp. Michele connects the people and science of food and farming. She is known for being a community catalyst and a passionate advocate for the global agrifood system. 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.

Reception generously sponsored by



Follow @JtMtgTweets for late-breaking JAM news and short announcements: #JAM2015

Registration Hours:

Today: 7:00 am–7:00 pm
Tomorrow: 6:30 am–5:15 pm

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Joint Interbull/JAM Sessions—Open to all Interbull and JAM attendees
Sebastian I-1/2/3

9:00 am to 12:00 pm **Milk spectral data—Cost-effective information to improve expensive and limited traits in dairy cattle breeding**

Chairs: John B. Cole, Animal Improvement and Genomics Laboratory, USDA-ARS, and Filippo Miglior, University of Guelph.

See program here: <http://m.jmtg.org/ses/6619>

2:00 to 5:00 pm **Use of genomics to improve limited and novel phenotypes in animal breeding**

Chairs: Alan G. Fahey, University College Dublin, and Hasan Khatib, University of Wisconsin.
Sponsored by Council on Dairy Cattle Breeding

See program here: <http://m.jmtg.org/ses/6620>

Late-Breaking Original Research Session

Chair: **Shawn Archibeque, Colorado State University**

Panzacola F-1/2, 3:00 to 5:00 PM

<http://m.jmtg.org/ses/7103>

- 3:00 PM LB1 **Fertility may depend on conceptus-derived signals in lactating dairy cows.** Bethany E. Liebig*¹, Milton G. Thomas², Kevin D. McSweeney³, Hana Van Campen¹, Jeanette Bishop¹, and Thomas R. Hansen¹, ¹*Department of Biomedical Sciences, Animal Reproduction and Biotechnology Laboratory, Colorado State University, Fort Collins, CO*, ²*Department of Animal Sciences, Colorado State University, Fort Collins, CO*, ³*Department of Clinical Sciences, Colorado State University, Fort Collins, CO*.
- 3:15 PM LB2 **Low fertility in postpartum dairy cows with subclinical endometritis (SCE) is not explained by failed ovarian response to a timed AI (TAI) protocol.** Roger Molina-Coto*¹, Tyler J. Stratman¹, Monica O. Caldeira¹, Scott E. Pooch², and Matthew C. Lucy¹, ¹*Division of Animal Science, University of Missouri, Columbia, MO*, ²*College of Veterinary Medicine, University of Missouri, Columbia, MO*.
- 3:30 PM LB3 **Comparison of standardization methods for real-time qPCR to account for heterogeneous cell types in differing fat depots.** Brandon M. Koch*, William C. Bridges, and Susan K. Duckett, *Clemson University, Clemson, SC*.
- 3:45 PM LB4 **Supplementation of choline increases very low density lipoprotein export from bovine primary hepatocytes.** Courtney L. McCourt¹, Tawny L. Chandler*¹, Sandra J. Bertics¹, Barbara A. Barton², and Heather M. White¹, ¹*University of Wisconsin-Madison, Madison, WI*, ²*Balchem Corporation, New Hampton, NY*.
- 4:00 PM LB5 **Time and dry acidulant addition substantially reduce *Salmonella* concentration in extruded dog food.** Andrea Jeffrey*¹, Gregory Aldrich¹, Carl Knueven², Anne Huss¹, and Cassandra Jones¹, ¹*Kansas State University, Manhattan, KS*, ²*Jones-Hamilton Co., Walbridge, OH*.
- 4:15 PM LB6 **A life cycle assessment framework combining nutritional and environmental health impacts of diet: A case study on milk.** Katerina Stylianou¹, Martin Heller², Victor Fulgoni III³, Ying Wang*⁴, Gregory Keoleian², and Olivier Jolliet¹, ¹*Environmental Health Sciences, School of Public Health, University of Michigan, Ann Arbor, MI*, ²*Center for Sustainable Systems, School of Natural Resources and Environment, University of Michigan, Ann Arbor, MI*, ³*Nutrition Impact LLC, Battle Creek, MI*, ⁴*Innovation Center for US Dairy, Rosemont, IL*.
- 4:30 PM LB7 **Effect of heat stress on mammary gland autophagy during the dry period.** Yenny Ramirez-Lee*¹, Bahroz M. S. Ahmed¹, Sha Tao², Geoffrey E. Dahl¹, and Stephanie E. Wohlgemuth¹, ¹*University of Florida, Gainesville, FL*, ²*University of Georgia, Tifton, GA*.
- 4:45 PM LB8 **Monitoring survivability and infectivity of porcine epidemic diarrhea virus within two different on-farm lagoons.** Hein M. Tun*¹, John P. Carney², Mark Fynn³, Lorne Grieger⁴, and Ehsan Khafipour^{1,5}, ¹*Department of Animal Science, University of Manitoba, Winnipeg, MB, Canada*, ²*Manitoba Livestock Manure Management Initiative Inc., Winnipeg, MB, Canada*, ³*Manitoba Pork Council, Winnipeg, MB, Canada*, ⁴*Prairie Agricultural Machinery Institute, Portage La Prairie, MB, Canada*, ⁵*Department of Medical Microbiology, University of Manitoba, Winnipeg, MB, Canada*.

Sunday Highlights

- ▶ **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.**

7:30 am to 5:00 pm Suwannee 13/14
<http://m.jtmtg.org/event/s/6941>

Sponsored by USDA National Institute of Food and Agriculture and Virtus Nutrition

- ▶ **Triennial Reproduction Symposium: Developmental programming of fertility**

8:00 am to 5:00 pm Gatlin A-3
<http://m.jtmtg.org/ses/6621>

Sponsored by ASAS Foundation James W. Lauderdale Appreciation Club and Bayer Animal Health

Sunday Room/Schedule/Speaker Changes

Triennial Reproduction Symposium
Dr. L. F. C. Brito's presentation (9:20 am on Sunday) has been cancelled. Dr. W. L. Flowers will speak in that time slot on "Neonatal management and lifetime productivity in sows and boars." (Updated program and abstract here: <http://m.jtmtg.org/ses/6621>)

S-PAC® Tenth Anniversary Special: Free 90-Day Subscription to S-PAC and Search Contest!

To add value to your JAM experience, the ADSA Foundation is providing all registered JAM attendees with a free 90-day subscription to S-PAC. To begin using S-PAC, go to <http://spac.adsa.org> and log in using the login and password that you used to register for JAM. If you don't remember your login and password, you may retrieve them at https://secure.fass.org/ULretrieve_login.asp.

Check the JAM Daily e-newsletter on Monday, Tuesday, and Wednesday mornings for the daily S-PAC database search challenge. Two winners will be picked randomly from those who respond correctly by 5:00 pm (Eastern time) on each contest day. You may enter as often as you like but you can only win once. All winners will be notified on Friday, July 17. Each winner will receive a complimentary registration to the 2017 ADSA Annual Conference.



Don't forget to download the free [Poster in My Pocket](#) app to help you navigate JAM 2015's posters. If you are a poster presenter, add your poster to the hundreds already in Poster in my Pocket.

Undergraduate/Graduate Events

- ▶ ASAS Undergraduate Academic Quadrathlon, University of Florida
- ▶ ADSA SAD Student Midday Mixer, 12:00 –1:00 pm Butler
- ▶ ADSA Graduate Student Division Workshop: Making Science Sexy: Communicating Your Relevance, 2:00–4:00 pm, Conway
- ▶ ADSA Graduate Student Division Business Meeting and Open Forum, 4:30–5:15 pm, Wekiwa 5
- ▶ ADSA SAD Student Dairy Quiz Bowl Final Round, 5:30–6:00 pm, St. John's 22/23

Participate in an Interest Group at the JAM

If you have questions about or an interest in S-PAC, MDA or the ADSA Issues Spokesperson program, we invite you to start your day at the JAM with a visit to an "Interest Group" discussion. Learn more about the issues, ask questions, and share your ideas with others:

S-PAC Interest Group

Monday, 8:00 to 9:00 am, Suwannee 17

Whether you are just hearing about S-PAC or are an experienced user, join us to learn more about what is available in S-PAC and discuss how it is being used in the field and in the classroom.

Mycobacterial Diseases of Animals (MDA) Interest Group

Tuesday, 8:00 to 9:00 am, Suwannee 15

Join us in continuing discussion from Monday's seminar as well as other current activities related to Johne's Disease and Bovine TB.

ADSA Issues Spokesperson

Wednesday, 8:00 to 9:00 am, St. John's 24

Join us to learn more about the ADSA Issues Spokesperson program and how you can speak out for dairy and dairy science.

ASAS Hunger Fight Food-Packing Event

Animal scientists work toward feeding the future every day—here is your chance to give back even more. Help ASAS pack 100,000 nutritional meals for the Florida-based Hunger Fight organization!

Tuesday, July 14, 4:30 to 7:00 pm
Panzacola G-2

Sponsored by ASAS and AMSA

JAM Hotel Shuttle Service

Route 1: Wyndham Orlando ► Avanti Resort ► Rosen Shingle Creek ► Wyndham Orlando ► Avanti Resort

Route 2: Westgate Lakes Resort ► Rosen Shingle Creek ► Westgate Lakes Resort

Pick-up/drop-off locations:

Wyndham Orlando (WO):	Bus stop – Convention Loop
Avanti Resort (AR):	Main Entrance/Lobby
Westgate Lakes Resort (WL):	Smokehouse Grill
Rosen Shingle Creek (RSC):	Transportation Lobby

Sunday, July 12

6:30 am to 11:30 am	Buses depart every 30 min to RSC
11:30 am to 5:30 pm	Buses on demand from RSC Transportation Lobby
5:30 to 10:00 pm	Buses depart every 30 min from RSC

Last bus departs RSC at 10:00 pm

Monday, July 13, and Tuesday, July 14

6:00 am to 11:00 am	Buses depart every 30 min to RSC
11:00 am to 4:00 pm	Buses on demand from RSC Transportation Lobby
4:30 pm to 10:00 pm	Buses depart every 30 min from RSC

Last bus departs RSC at 10:00 pm

Wednesday, July 15

6:00 am to 7:00 pm	Buses depart every 30 min to RSC
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Last bus departs RSC at 7:00 pm

Thursday, July 16

7:30 am to 2:00 pm	Buses depart every 30 min to RSC
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Last bus departs RSC at 2:00 pm

- Use of the shuttle is free for JAM attendees
- Allow approximately 30 minutes from pick-up to drop-off
- On-demand service: Buses will depart from RSC as needed/requested. No on-demand service from WO, AR, or WL to RSC.
- For faster service or outside the scheduled shuttle hours shown here, call Mears Orlando (407-422-2222) for a taxi to or from the Rosen Shingle Creek (at your own expense).

JAM Essentials

Preload room, Gatlin A-1

7:00 am to 5:00 pm

All presentation files must be uploaded by 5:00 pm on the day prior to presentation

Speaker-ready room, Gatlin A-2

7:00 am to 5:00 pm

Once your presentation is uploaded, review your slides and run through your presentation.

JAM Hospitality Lounge, Suwannee 18

12:00 to 5:00 pm

The JAM hospitality lounge will offer attendees an area to relax, network, and catch up with friends.

ASAS Hospitality Suite, Suwannee 20

Sunday: 12:00 to 5:00 pm

Monday–Wednesday: 8:00 am to 5:00 pm

Relax and catch up with friends and colleagues in the ASAS Hospitality Suite. While you are there, charge your mobile devices, support the ASAS Foundation Coffee Club, and buy an ASAS logo shirt!

Media room, Suwannee 21

8:00 am to 5:00 pm

The media room will be available throughout the meeting to provide a space for media representatives to work. Meeting press releases will also be available there.

Exhibit set-up, Gatlin Ballroom

10 am to 6:00 pm

Free Wi-Fi



Don't forget about the free Wi-Fi in all common areas and the Gatlin Ballroom (exhibit hall) in the convention center. Take full advantage of the all-new JAM [Mobile MyProgram](#) and log on today!

FASS

Lowell Randel and Walt Smith, FASS Science Policy Directors, will be in the FASS booth (#510, Gatlin Ballroom) on Monday morning from 8:00 to 10:00 am.

The 2014–2015 FASS Congressional Science Fellow, Cassie Welch, will be in the FASS booth on Monday from 2:00 to 4:00 pm.