The American Dairy Science Association (ADSA), American Society of Animal Science (ASAS), and Canadian Society of Animal Science (CSAS) will hold the 2005 annual meeting in Cincinnati, Ohio USA, July 24-28, 2005. This brochure will provide you meeting highlights, registration and housing information which can also be found on the meeting web site. The meeting program WILL NOT be mailed to members, but is posted online at www.fass.org/2005. The printed version of the meeting program will be available onsite.

**Location**

The Cincinnati convention center, Cinergy Center, is located in the heart of downtown Cincinnati, connected to all major hotels, shopping and restaurants by an enclosed skywalk. Participants will experience easy accessibility and a compact downtown with first-class hotels, major retail stores and many dining and nightlife options within easy walking distance of the Cinergy Center. The meeting rooms will be equipped for electronic presentations and pre-loaded sessions. The Cyber Café will again be available for attendees to keep up-to-date while at the meeting.

**Schedule of Events**

The meeting will kick off Sunday evening with the keynote speaker, Dennis T. Avery, and then continue with 3 ½ days of scientific sessions ending on Thursday at noon. The complete schedule of events may be found on page 5 of this brochure or online at http://www.fass.org/2005/. Watch the web site for updates.

**Registration Information**

See the registration form in this flyer or register online at http://www.fass.org/2005/. If you provide an email address on the registration form, a confirmation of your registration will be emailed to you. If you do not receive confirmation within 2 weeks after you register, contact the Business Office (217-356-3182). You will pick up your receipt, meeting badge, appropriate tickets, and other meeting materials at the registration area in the Cinergy Center.

**Program Format for 2005**

<table>
<thead>
<tr>
<th>Session Type</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poster Sessions</td>
<td>7:30 am - 9:30 am</td>
</tr>
<tr>
<td>Commercial Exhibits</td>
<td>7:30 am - 5:00 pm</td>
</tr>
<tr>
<td>Scientific Sessions</td>
<td>9:30 am - 12:30 pm</td>
</tr>
<tr>
<td>Lunch Break</td>
<td>12:30 pm - 2:00 pm</td>
</tr>
<tr>
<td>Scientific Sessions</td>
<td>2:00 pm - 5:00 pm</td>
</tr>
</tbody>
</table>

**Registration Hours**

Registration will be located in the Elm Street Lobby of the Convention Center. Registration hours for the 2005 ADSA-ASAS-CSAS Joint Meeting, including special symposia and other events, will be as follows:

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, July 23</td>
<td>12 pm - 5 pm</td>
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<tr>
<td>Sunday, July 24</td>
<td>7 am - 7 pm</td>
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<tr>
<td>Monday, July 25</td>
<td>6:30 am - 4 pm</td>
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<tr>
<td>Tuesday, July 26</td>
<td>7 am - 3:30 pm</td>
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<tr>
<td>Wednesday, July 27</td>
<td>7 am - 3 pm</td>
</tr>
<tr>
<td>Thursday, July 28</td>
<td>8 am - 10 am</td>
</tr>
</tbody>
</table>

**Notice to Oral Presenters and Invited Speakers**

Please note all session rooms will be equipped with a computer and LCD Projector. All oral presentations and invited speaker presentations will be pre-loaded prior to the meeting. You will find complete pre-loading instructions and deadlines online at http://www.fass.org/2005/.

**Poster Presentations**

We have dedicated a two-hour block each morning for poster presentations only. The “open posters” will be from 7:30 am - 9:30 am Monday, Tuesday, and Wednesday in the Convention Center, Exhibit Hall A. Oral sessions will begin at 9:30 am Monday and Tuesday, and 10:30 am on Wednesday.

Each poster presentation will be scheduled for public viewing for the entire day, with the presenting authors available during the “open posters” time (7:30 am - 9:30 am). All posters should be mounted on the board one-half hour prior to the beginning of the day’s session (posters open at 7:30 am). The exhibit hall will open at 6:15 am on Monday, July 25 - Wednesday, July 27. Posters must be removed by 5:30 pm each day.

The poster board surface area is 48” high and 96” wide. The top of the poster space should include the abstract number, title, authors, and affiliations. The lettering for this section should be at least 1” high. Presenters must furnish their own tacks or push pins.

**ARPAS Continuing Education Units**

The ADSA-ASAS-CSAS Joint Annual Meeting has been approved for up to 28 continuing education units (CEUs) for the American Registry of Professional Animal Scientists certification requirements. Check the schedule of events for the times and location of the exams.

**Continuing Education Credits for Veterinarians**

The ADSA-ASAS-CSAS Joint Annual Meeting has been approved for continuing education credits by the Ohio Veterinary Medical Board; one credit for each hour in attendance. An application has also been sent to the American Association of Veterinary State Boards to approve the joint meeting for continuing education credits for veterinarians.

**Accommodations**

Housing reservations must be made through the Cincinnati CVB Housing Bureau. Reservations may be made online by visiting http://www.fass.org/2005/, by completing a housing form located on line or on page 11 of this brochure.

**Headquarter Hotels**

- **Four Points/Millennium - ASAS HQ**
  141 West 6th Street
  Cincinnati, Ohio 45202
  Phone: (513) 352-2100; Fax: (513) 352-2148

- **Hilton - ADSA HQ**
  35 West Fifth Street
  Cincinnati, Ohio 45202
  Phone: (513) 421-9100; Fax: (513) 421-4291

- **Hyatt**
  151 West Fifth Street
  Cincinnati, Ohio 45202
  Phone: (513) 579-1234; Fax: (513) 579-0107

- **Westin - CSAS HQ**
  21 E. 5th Street
  Cincinnati, Ohio 45202
  Phone: (513) 621-7700; Fax (513) 852-5670

**Transportation**

**Accessibility**

Cincinnati is accessible from three major highways: I-71, I-75 and I-74, while I-275 circles the area. The Greater Cincinnati/Northern
Transportation in Cincinnati
Shuttle service from the airport to downtown Cincinnati is available for $14 one-way and $24 round-trip through Airport Executive Shuttle (1-800-990-8841).
Cab fare from the airport to downtown Cincinnati is $24 (no charge for extra passengers). Hailing a cab in Cincinnati is not permitted, however visitors may get a cab from any hotel in the city. Buses also run throughout the city -- visit Metro at http://www.sorta.com/ and TANK at http://www.tankbus.org/ for schedules and fares.
If driving on your own, traffic and construction updates are available from ARTIMIS at www.artimis.org.

Cincinnati Tour Options
With the abundance of things to do in Cincinnati, there will be no formal tours offered during the 2005 ADSA-ASAS-CSAS Annual Meeting. The web site: http://www.fass.org/2005 will provide numerous choices of activities.

MEETING HIGHLIGHTS

Sunday Pre-Meeting
• CSAS Symposium: Udder Health Management: A Canadian Perspective
• CSAS Symposium: Vitamin Nutrition of Livestock Animals
• Genomics Symposium: Using Functional Genomics for Animal Improvement
• ADSA-ASAS 2005 and 2006 Chairs & Vice Chairs Meeting

Sunday Evening
• Opening Session - Keynote Speaker: Dennis Avery
• Opening Reception

Monday Morning
• ALPHARMA Beef Cattle Nutrition: Challenging the Limits of Caloric Intake in Feedlot Cattle
• Dairy Foods: Extending Shelf Life of Fluid Milk
• Horse Species: Emerging Equestrian Varsity Competition
• Lactation Biology: Lactation Persistency
• Swine Species: Effects of Maternal Nutrition on Offspring Performance

Monday Afternoon
• Dairy Foods: Forum on Cheese Ripening
• Meat Science: Novel Technologies in Muscle Biology/ Fresh Meat Research
• Production, Management and the Environment: Impact of Culling Rate on Dairy Profitability
• Ruminant Nutrition: Exploring the Boundaries of Efficiency in Lactation: Metabolic Relationships in Supply of Nutrients in Lactating Cows
• Sheep: Management of Gastrointestinal Nematodes in Sheep

Monday Evening
• ADSA Town Hall meeting
• ASAS Awards Program
• NE ASAS-ADSA Business Meeting & Awards
• Informal Calf Gathering

Tuesday Morning continued
• ADSA Foundation Scholar Award Lecture - Dairy Foods
• ADSA Production Division Business Meeting

Tuesday Afternoon
• ADSA Southern Branch Symposium: Innovative Approaches to Address the Changing Needs of Our Dairy Industry and Business Meeting
• Extension Education: Cow Comfort on Commercial Dairy Operations
• Forages & Pastures: Emerging Techniques for Predicting Forage Quality
• Milk Protein and Enzymes: Milk Protein Interactions
• Nonruminant Nutrition: Stable Isotope Tracer Techniques for Nonruminant Nutrition Research and Their Practical Applications
• ARPAS Business Meeting
• CSAS Annual General Meeting

Tuesday Evening
• ADSA Awards Program
• ADSA-ASAS-CSAS Ice Cream Social
• ADSA Foundation Auction & Raffle

Wednesday Morning
• ADSA Foundation Scholar Award Lecture - Dairy Production
• Danisco International Dairy Science Award Lecture
• FASS Symposium: Toxic Levels of Minerals in Animal Feeds and Water
• Joint ADSA & ASAS Business Meeting
• ADSA Business Meeting
• ASAS Business Meeting

Wednesday Afternoon
• ADSA Production Division Symposium: Forage Analysis: Concept to Application
• Food Safety: The Future of Food Safety: An Issue of National Importance
• Goat Species: Educational Resources and Field Experiences to Enhance and Promote Goat Production and Management
• Physiology and Endocrinology: Effects of Maternal Nutrient Supply on Embryonic and Fetal Development and Postnatal Performance
• Women & Minority Issues in Animal Agriculture Luncheon
• Companion Animals: New Advances in Pet Health, Nutrition and Reproductive Management

Continued on next page
MEETING HIGHLIGHTS CONTINUED

**Wednesday Evening**
- International/Closing Reception - Keynote Speaker: Hank Fitzhugh
- CSAS Awards Banquet

**Thursday Morning**
- Animal Behavior and Well-being: Attitudes Toward Animal Welfare and Human Animal-Interactions

**Thursday Morning continued**
- Animal Health: Acidosis in Dairy Cattle
- Extension Education: Current Topics in Dairy Management: Transition Cows
- FASS Antibiotic Resistance

**SPECIAL EVENTS**

**Opening Session • Sunday, July 24**
7 pm - 8:30 pm • Convention Center, Ballroom A-C

Dennis T. Avery will be the keynote speaker for the 2005 ADSA-ASAS-CSAS Opening Session. Avery’s presentation is entitled, “The Biggest-Ever Surge in Livestock Demand: Scientific and Ecological Challenges.” Avery is a Senior Fellow at Hudson and is Director of the Center for Global Food Issues. A food policy analyst for the past 30 years, Avery began his career with the US Department of Agriculture, served on the staff of President Lyndon Johnson’s National Advisory Commission on Food and Fiber, and, prior to joining Hudson, was the senior agricultural analyst for the US Department of State.

Avery’s analyses of the foreign policy implications of global trends and events in food and agriculture at the US Department of State won him the National Intelligence Medal of Achievement in 1983.

Avery is an outspoken advocate of free trade in farm products and of the environmental importance of well-managed, high-yield farming. He has testified numerous times to both Senate and House Congressional committees on agricultural and conservation issues and has presented papers at the annual meetings of the American Association of the Advancement of Science and many other forums.

Avery is the author of two books, *Global Food Progress and Saving the Planet With Pesticides and Plastic: The Environmental Triumph of High-Yield Farming.* Avery also writes a weekly, syndicated column for *Bridge News* and has been published in numerous newspapers, magazines, and scholarly journals including *The Wall Street Journal, Washington Times, Des Moines Register, Science, Readers Digest, Feedstuffs,* and *Farm Journal.*

**Opening Reception • Sunday, July 24**
8:30 pm - 10 pm • Convention Center, Ballroom Foyer
End the evening by joining us in the Ballroom Foyer after the Opening Session for socializing with colleagues and friends.

**ADSA Town Hall Meeting • Monday, July 25**
5 pm - 6 pm • Convention Center, Room 243
The ADSA Board of Directors invites you to a Town Hall Meeting on Monday, July 25 from 5:00 pm to 6:00 pm in the Convention Center, Room 243. This is your opportunity to express concerns and praises of the Association. The ADSA Board also seeks your vision of ADSA’s future needs and directions. This is an informal event and all registrants interested in ADSA are welcome.

**ASAS Awards Program • Monday, July 25**
7 pm - 8:30 pm • Four Points, Grand Ballroom
All meeting participants, families, and friends are welcome to attend the 2005 ASAS Awards Program. Please join us at this special event congratulating the 2005 ASAS award winners at the Four Points on Monday, July 25.

**5K Fun Run • Tuesday, July 26**
6:30 am • Meet at the Convention Center, Elm Street Lobby
Join in the fun on Tuesday, July 26 at 6:30 am. Enjoy some Cincinnatian sites as you travel this approximate 3 mile course: Start at the Steamboat Park (corner of E. Mehring Way/Broadway). Run east along the Railroad tracks to the entrance of Yeatman’s Cove Park. Continue east along the top of the Serpentine Wall (overlooks the river). Maintain this path through the bridge archway (closest to the river). This will take you into Sawyer Point Park (stay on the path closest to the river). Continue east toward Montgomery Inn Restaurant, stay on the sidewalk next to the parking lot. At the end of the parking lot, Friendship Park begins. Stay on the path to the right and take it until it turns you around then return the same route. T-shirts and refreshments will be provided and medals will be awarded.

**Spouses Luncheon • Tuesday, July 26**
11:30 am - 1:30 pm • The Bankers Club
(located on the 30th floor of the Fifth Third Bank Tower, at Fifth and Walnut located on Fountain Square)

Pre-registration is required and is limited to 75 attendees. This cooking class is way above the rest - 30 floors above Cincinnati! Executive Chef Christopher Ropp towers over Fountain Square in The Bankers Club for this culinary cooking experience. Chef Ropp is one of Cincinnati’s best-kept secrets, but not for long as he will be the featured Chef of ClubCorp Private Magazine in an upcoming issue. Chef Ropp was recently invited to become part of the Chaine de Rotisserie, which he was the starting chef for their annual new member orientation dinner. Chef Ropp offers cooking classes to the members of The Bankers Club every month with new and exciting menus.

For the ADSA-ASAS-CSAS Spouses’ Luncheon, Chef Ropp will be preparing, demonstrating, and serving: Summer Greens with Honey Walnut Vinaigrette Dressing, Pork Tenderloin with Caramelized Georgia Peaches and Light Rum Butter, and Sour Cherry Walnut Crisp.

**CSAS Annual General Meeting • Tuesday, July 26**
12:30 pm - 1:30 pm • Convention Center Room 301 & 302
The 2005 CSAS Annual General Meeting will begin at 12:30 pm. Box lunches are available, but pre-registration is required. See the joint meeting registration form to order your box lunch.

**ADSA Awards Program • Tuesday, July 26**
7 pm - 8 pm • Hilton, Pavilion Caprice
All meeting participants, families, and friends are welcome to attend the 2005 ADSA Awards Program. Please join us at this special event in congratulating all of our award winners on Tuesday, July 26 at the Hilton.
SPECIAL EVENTS

2005 ADSA-ASAS-CSAS Ice Cream Social • Tuesday, July 26
8:15 pm - 9:30 pm • Hilton, Pavilion Caprice
The ADSA-ASAS-CSAS Ice Cream Social will be held from 8:15 pm - 9:30 pm at the Hilton. All meeting participants, families, friends, and award donors are invited to join us for the joint Ice Cream Social.

ADSA Foundation Auction & Raffle • Tuesday, July 26
8:15 pm - 9:30 pm • Hilton, Pavilion Caprice
Also while enjoying your ice cream, take one more look at the silent auction items and place your last bid. The 2005 auction promises to be more exciting than ever, with more opportunity to get your hands on some fantastic items while catching up with old friends and making new acquaintances. More than 40 items have been donated to this year’s event. Items include an array of milk bottles, framed art, dairy collectibles and much more.

INTERNATIONAL/CLOSING RECEPTION • Wednesday, July 27
4:30 pm - 6 pm • Convention Center/Ballroom C
All meeting participants, families and friends are welcome to attend the International/Closing Reception. A Welcome will be provided by the ASAS President Jim Males and the ADSA President Mike Hutjens. Hank Fitzhugh is the keynote speaker. Also again this year, you will have the opportunity to indicate your home affiliate on a world map; check the exhibit for the poster board before this reception.

CSAS AWARDS BANQUET • Wednesday, July 27
7 pm - 9:30 pm • Hilton, Continental
All meeting participants, families, and friends are welcome to attend the 2005 CSAS Awards Banquet. Pre-registration is required.

TENTATIVE SCHEDULE OF EVENTS
(as of May 20, 2005)

Friday, July 22
12 pm
FASS Board of Directors Meeting ........................................... Hilton, Salon HI

Saturday, July 23
7 am - 5 pm
PAACO Board Meeting ............................................................. Four Points, Pavilion
7:30 am - 5 pm
ADSA Board of Directors Meeting........................................ Hilton, Salon HI
8 am - 5 pm
ASAS Board of Directors Meeting ........................................... Four Points, Colonnade B
12 pm - 5 pm
Registration Open
(pre-registered, badge & material pick up only)........................ Convention Center, Elm Street Lobby
1 pm - 3 pm
SAD Tour: Harbor Sightseeing Cruise
Board at Covington Landing 30 min. prior ......................... on the Ohio River
7 pm
SAD Block at Cincinnati Red’s Great.................................. American Ball Park - Reds vs. Brewers
7:30 pm - 9 pm
ARPAS Executive Committee Meeting .............................. Four Points, Atrium

Sunday, July 24
7 am - 7 pm
Registration Open ............................................................... Convention Center, Elm Street Lobby
7:30 am - 10 am
ADSA New Board Orientation ........................................ Hilton, Salon HI
8 am - 12 pm
ASAS Board of Directors Meeting ...................................... Four Points, Colonnade B
8 am - 12 pm
CSAS Symposia: Udder Health Management .................. Convention Center, Room 206
8 am - 5 pm
Exhibit Set Up ................................................................. Convention Center, Exhibit Hall A
8 am - 5 pm
Student Dairy Clubs Set Up Exhibits ................................. Convention Center, Exhibit Hall A
8 am - 5 pm
ARPAS Governing Board Meeting ..................................... Four Points, Pavilion B
8 am - 5 pm
Hospitality Lounge ......................................................... Convention Center, Room 233
11 am - 12 pm
SAD Officers and Advisor Meeting ..................................... Convention Center, Room 264
12 pm - 1 pm
ADSA-SAD Midday Mixer & Pizza Party .......................... Convention Center, Room 262 & 263
12 pm - 1 pm
ARPAS JDS Editors and Journal Management Committee Luncheon.......................... Hilton, Mayflower 1&2
1 pm - 5 pm
CSAS Symposia: Vitamin Nutrition of Livestock Animals ........................................ Convention Center, Room 206
1 pm - 3:00 pm
ASAS Foundation Board of Trustees Meeting .............. Four Points, Atrium
1 pm - 5 pm
ADSA Journal Management Committee Meeting .......... Hilton, Mayflower 1&2
1 pm - 5 pm
ADSA-SAD Quiz Bowl Seating/Preliminary Rounds ................................................ Convention Center, Room 261
2 pm - 3 pm
ADSA Production Division Council Meeting .................. Convention Center, Room 236
2 pm - 3:30 pm
ADSA Foundation Board of Trustees Meeting............... Hilton, Salon A
2 pm - 5 pm
Genomics Symposium: Using Functional Genomics for Animal Improvement ......................... Convention Center, Room 224
Sunday, July 24 continued

3 pm - 4 pm  ADSA Production Division Nominating Committee........Convention Center, Room 236
3 pm - 4 pm  ADSA Production Division Resolutions Committee......Convention Center, Room 234
3 pm - 5 pm  ADSA-ASAS 2005 Program Chairs & Vice Chairs Meeting.............................Convention Center, Room 211
3 pm - 5 pm  ADSA-ASAS 2006 Program Chairs & Vice Chairs Meeting.............................Convention Center, Room 211
5 pm - 6 pm  ADSA Dairy Foods Division Council Meeting................Convention Center, Room 234
6:30 pm - 7 pm  ADSA-SAD Quiz Bowl Final Round.........................Convention Center, Room 261
7 pm - 8:30 pm  2005 ADSA-ASAS-CSAS Opening Session..............Convention Center, Ballrooms A-C
8:30 pm - 10 pm  2005 ADSA-ASAS-CSAS Opening Reception..............Convention Center, Ballroom Foyer
8:30 pm  SAD Informal Mixer................................................Gameworks at Newport on the Levee

Monday, July 25

6:30 am - 8 am  ADSA Production Division Extension Breakfast ..........Hilton, Rookwood
6:30 am - 8 am  ADSA Journal Editorial Board Breakfast/Meeting .........Hilton, Rosewood
6:30 am - 4 pm  Registration Open...........................................Convention Center, Elm Street Lobby
7:30 am - 8:15 am  ADSA-SAD Exhibit Set up ........................................Convention Center, Exhibit Hall A
7:30 am - 9:30 am  Poster Presentations .........................................Convention Center, Exhibit Hall A
7:30 am - 5 pm  Commercial Exhibits & ADSA-SAD Exhibits Open........Convention Center, Exhibit Hall A
7:30 am - 5 pm  Job Resource Center..............................................Convention Center, Exhibit Hall A
7:30 am - 9:30 am  ADSA 2006 Centennial Planning Committee Meeting.....Convention Center, Room 210
8 am - 5 pm  Hospitality Lounge ................................................Convention Center, Room 233
8:30 am - 9:15 am  ADSA-SAD Business Meeting.............................Convention Center, Room 261
8:30 am - 9:30 am  ADSA 2006 Centennial Publications Committee Meeting.....Convention Center, Room 210
9:30 am - 10:30 am  ADSA-SAD Judging of Yearbooks, Scrapbooks Annual Reports............................Convention Center, Room 262
9:30 am - 10:30 am  ADSA-SAD Interviews for Outstanding Student and Advisor Awards.............................Convention Center, Room 263
9:30 am - 10:30 am  ADSA-SAD Activities Symposium ............................Convention Center, Room 261
9:30 am - 10:30 am  Scientific Sessions...........................................Convention Center
10:30 am - 12:30 pm  ARPAS Exam.............................................Convention Center, Room 210
11 am - 4:15 pm  ADSA-SAD Undergraduate Paper Presentations ........Convention Center, Room 261
12 pm - 2 pm  ASAS Past President’s Luncheon....................................Four Points, Atrium
12:30 pm - 2 pm  ADSA Past President’s Luncheon ..........................Hilton, Rookwood
12:30 pm - 2 pm  ACAN Annual Meeting........................................Convention Center, Room 210
12:30 pm - 2 pm  Jersey Research Focus Group ...............................Convention Center, Room 301
12:30 pm - 2:30 pm  ASAS Publications Committee Luncheon ............Four Points, Pavilion B
2 pm - 4 pm  ARPAS Exam.........................................................Convention Center, Room 210
5 pm - 6 pm  NE ASAS/ADSA Business Meeting & Awards................Convention Center, Room 241
5 pm - 7 pm  Informal Calf Gathering ............................................Hilton, Rookwood
5 pm - 8 pm  CSAS Executive Board Meeting..................................TBA
5 pm - 6 pm  ADSA Town Hall Meeting...........................................Convention Center, Room 243
5:30 pm - 7 pm  ASAS Award Winners Reception .............................Four Points, Pavilion and Colonnade
7 pm - 8:30 pm  ASAS Awards Program............................................Four Points, Grand Ballroom
8:30 pm - 11 pm  Iowa State Social................................................Four Points, Bronze A
8:30 pm - 12:30 am  Undergraduate Student Dance Party .......................Four Points, Colonnade
9 pm - 12 am  ASAS/ADSA Graduate Student Mixer ........................Off Site

Tuesday, July 26

6:30 am  Fun Run................................................................................Off Site, Meet in Elm Street Lobby
6:30 am - 8 am  ADSA Dairy Foods Division Extension Breakfast ........Hilton, Salon HI
6:30 am - 8 am  Kentucky Breakfast................................................Four Points, Colonnade B
6:30 am - 8 am  PSU Breakfast.........................................................Four Points, Colonnade A
### TENTATIVE SCHEDULE OF EVENTS

#### Tuesday, July 26 continued

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>6:30 am - 8 am</td>
<td>University of Illinois Breakfast</td>
<td>Four Points, Pavilion</td>
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<tr>
<td>6:30 am - 8 am</td>
<td>Virginia Tech Breakfast</td>
<td>Hilton, Rookwood</td>
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<tr>
<td>7:30 am - 9 am</td>
<td>ASAS New Board Orientation Breakfast</td>
<td>Four Points, Atrium</td>
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<tr>
<td>7 am - 3:30 pm</td>
<td>Registration Open</td>
<td>Convention Center, Elm Street Lobby</td>
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<tr>
<td>7 am - 8 am</td>
<td>ADSA Foundation Estate Planning Breakfast</td>
<td>Hilton, Rosewood</td>
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<td>7:30 am - 9:30 am</td>
<td>Poster Presentations</td>
<td>Convention Center, Exhibit Hall A</td>
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<tr>
<td>7:30 am - 5 pm</td>
<td>Commercial Exhibits &amp; ADSA-SAD Exhibits Open</td>
<td>Convention Center, Exhibit Hall A</td>
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<tr>
<td>7:30 am - 5 pm</td>
<td>Job Resource Center</td>
<td>Convention Center, Exhibit Hall A</td>
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<tr>
<td>8 am - 5 pm</td>
<td>Hospitality Lounge</td>
<td>Convention Center, Room 233</td>
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<tr>
<td>8:30 am - 9:30 am</td>
<td>ADSA-SAD Business Meeting - Election of Officers</td>
<td>Convention Center, Room 261</td>
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<tr>
<td>9:30 am - 5 pm</td>
<td>Scientific Sessions</td>
<td>Convention Center</td>
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<tr>
<td>9:30 am - 10:30 am</td>
<td>ADSA-SAD Student Careers Symposium: Leaders in Training</td>
<td>Convention Center, Room 261</td>
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<td>11:30 am - 12:30 pm</td>
<td>ADSA Production Division Business Meeting</td>
<td>Convention Center, Room 236</td>
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<tr>
<td>11:30 am - 12:30 pm</td>
<td>ADSA Dairy Foods Division Business Meeting</td>
<td>Convention Center, Room 240</td>
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<tr>
<td>11:30 am - 1:30 pm</td>
<td>2005 Spouses’ Luncheon</td>
<td>The Bankers Club</td>
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<td>12:30 pm - 2 pm</td>
<td>ARPSAS Business Meeting</td>
<td>Convention Center, Room 211</td>
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<tr>
<td>12:30 pm - 2 pm</td>
<td>ADSA Dairy Foods Division Program Planning Lunch</td>
<td>Hilton, Salon HI</td>
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<td>12:30 pm - 2 pm</td>
<td>ASAS Division/Associate Editors Luncheon</td>
<td>Four Points, Pavilion B</td>
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<tr>
<td>12:30 pm - 2 pm</td>
<td>ASAS Membership Committee Luncheon</td>
<td>Four Points, Atrium</td>
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<tr>
<td>12:30 pm - 2:30 pm</td>
<td>ADSA-SAD Awards Luncheon</td>
<td>Convention Center, Room 262 &amp; 263</td>
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<tr>
<td>12:30 pm - 1:30 pm</td>
<td>CSAS Annual General Meeting</td>
<td>Convention Center, Room 301 &amp; 302</td>
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<tr>
<td>2 pm - 4 pm</td>
<td>ARPAS Exam</td>
<td>Convention Center, Room 210</td>
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<tr>
<td>2 pm - 5:30 pm</td>
<td>Southern Branch ADSA Symposium &amp; Business Meeting</td>
<td>Convention Center, Room 233</td>
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<td>2:30 pm - 3:30 pm</td>
<td>ADSA-SAD Award Photos</td>
<td>Convention Center, Room 262 &amp; 263</td>
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<tr>
<td>3 pm - 4:30 pm</td>
<td>ADSA-SAD Committee Meeting - Old and New Officers &amp; Advisors</td>
<td>Convention Center, Room 261</td>
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<tr>
<td>3:30 pm - 5:30 pm</td>
<td>ASAS JAS Forum (Division/Associate Editors and Authors)</td>
<td>Convention Center, Room 240</td>
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<tr>
<td>5 pm - 6:30 pm</td>
<td>ADSA Award Donor Dinner</td>
<td>Hilton, Continental</td>
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<tr>
<td>7 pm - 8 pm</td>
<td>ADSA Awards Program</td>
<td>Hilton, Pavilion Caprice</td>
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<tr>
<td>8:15 pm - 9:30 pm</td>
<td>2005 ADSA-ASAS-CSAS Ice Cream Social</td>
<td>Hilton, Pavilion Caprice</td>
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<tr>
<td>8:15 pm - 9:30 pm</td>
<td>ADSA Foundation Auction &amp; Raffle</td>
<td>Hilton, Pavilion Caprice</td>
</tr>
</tbody>
</table>

#### Wednesday, July 27

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am - 8 am</td>
<td>Purdue University Breakfast</td>
<td>Four Points, Pavilion</td>
</tr>
<tr>
<td>7 am - 3 pm</td>
<td>Registration Open</td>
<td>Convention Center, Elm Street Lobby</td>
</tr>
<tr>
<td>7:30 am - 9:30 am</td>
<td>Poster Presentations</td>
<td>Convention Center, Exhibit Hall A</td>
</tr>
<tr>
<td>7:30 am - 5 pm</td>
<td>Job Resource Center</td>
<td>Convention Center, Exhibit Hall A</td>
</tr>
<tr>
<td>7:30 am - 5 pm</td>
<td>Commercial Exhibits Open</td>
<td>Convention Center, Exhibit Hall A</td>
</tr>
<tr>
<td>8 am - 5 pm</td>
<td>Hospitality Lounge</td>
<td>Convention Center, Room 233</td>
</tr>
<tr>
<td>9:30 am - 10 am</td>
<td>Joint ADSA-ASAS Business Meeting</td>
<td>Convention Center, Room 236</td>
</tr>
<tr>
<td>9:30 am - 5 pm</td>
<td>Scientific Sessions</td>
<td>Convention Center, Room 242</td>
</tr>
<tr>
<td>10 am - 10:30 am</td>
<td>ADSA Business Meeting</td>
<td>Convention Center, Room 233</td>
</tr>
<tr>
<td>10 am - 10:30 am</td>
<td>ASAS Business Meeting</td>
<td>Convention Center, Room 234</td>
</tr>
<tr>
<td>11 am - 1 pm</td>
<td>ADSA Board of Directors Meeting</td>
<td>Hilton, Salon HI</td>
</tr>
<tr>
<td>11:30 am - 1 pm</td>
<td>ADSA DF Division Milk Proteins &amp; Enzyme Committee</td>
<td>Hilton, Salon A</td>
</tr>
<tr>
<td>12:30 pm - 2 pm</td>
<td>Block &amp; Bridle Club Advisors Meeting</td>
<td>Four Points, Colonnade A</td>
</tr>
<tr>
<td>12:30 pm - 2 pm</td>
<td>ASAS Board of Directors Meeting</td>
<td>Four Points, Colonnade B</td>
</tr>
<tr>
<td>12:30 pm - 2 pm</td>
<td>Women &amp; Minority Issues in Animal</td>
<td>Convention Center, Room 263</td>
</tr>
<tr>
<td>2 pm - 4 pm</td>
<td>Agriculture Luncheon &amp; Lecture</td>
<td>Convention Center, Room 263</td>
</tr>
<tr>
<td>2:30 pm - 3:30 pm</td>
<td>2005 Retirees Social</td>
<td>Convention Center, Room 262</td>
</tr>
</tbody>
</table>
Wednesday, July 27 continued

4:30 pm - 6 pm  2005 International/Closing Reception..............................Convention Center, Ballroom C
5 pm - 8 pm  Commercial Exhibits Dismantle...........................................Convention Center, Exhibit Hall A
6:30 pm - 10 pm  CSAS Awards Banquet..............................................................Hilton, Continental

Thursday, July 28

7:30 am - 9:30 am  ADSA-ASAS Joint Executive Committee Breakfast......Four Points, Colonnade B
8 am - 10 am  Registration Open.................................................................Convention Center, Elm Street Lobby
8 am - 12 pm  Scientific Sessions.................................................................Convention Center

MEETING SPONSORS
(as of May 19, 2005)

Platinum
Elanco Animal Health
Pfizer Animal Health

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SoyBest
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A SPECIAL THANK YOU TO OUR 2005 MEETING SPONSORS

A SPECIAL THANK YOU TO OUR CANADIAN SOCIETY OF ANIMAL SCIENCE SPONSORS

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2005 JOINT ANNUAL MEETING EXHIBITOR LIST

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Academia Book Exhibits
Acadian Agritech
Adisseo
Alltech
ALOKA Ultrasound
Amino Plus/Ag Processing
ANKOM Technology
APC, Inc.
ARM & HAMMER Animal Nutrition
Balchem Corporation
Biomin
BioZyme Incorporated
Blackwell Publishing
CABI Publishing
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Griffin Industries, Inc.
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Monsanto

MS Specialty Nutrition
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Novus International, Inc.
Omega Protein Inc.
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Poultry Protein & Fat Council
Probiotech International Inc.
Saf Agri/Lesaffre Feed Additives
Soybean Meal Information Center
SoyBest
Trouw Nutrition USA
Varied Industries Corporation
Veterinary Sales & Service, Inc.
Wageningen Academic Publishers
West Central
Western Yeast Company
Whatman
Zinpro Corporation
2005 JOINT ANNUAL MEETING REGISTRATION FORM

Member ID#_________________  □ ADSA  □ ASAS  □ CSAS  □ First-Time Attendee

Name______________________________________________________________

                      Last                      First                      Middle Initial

Preferred First Name on Badge________________________________________ E-mail____________________________

Institution/Company__________________________________________________

Business Address____________________________________________________

City________________________________ State/Province_____________________

Country________________________________ Zip/Postal Code_________________

Phone________________________________ Fax____________________________

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

REGISTRATION FEES

<table>
<thead>
<tr>
<th>Membership Type</th>
<th>By June 21</th>
<th>After June 21</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADSA-ASAS-CSAS Member</td>
<td>$300</td>
<td>$450</td>
</tr>
<tr>
<td>Nonmember</td>
<td>$400</td>
<td>$550</td>
</tr>
<tr>
<td>Retiree/Fellow/Emeritus</td>
<td>$75</td>
<td>$100</td>
</tr>
<tr>
<td>Post Doc Member</td>
<td>$75</td>
<td>$100</td>
</tr>
<tr>
<td>Post Doc Nonmember*</td>
<td>$175</td>
<td>$225</td>
</tr>
<tr>
<td>Graduate Student Member</td>
<td>$75</td>
<td>$100</td>
</tr>
<tr>
<td>Graduate Student Nonmember*</td>
<td>$175</td>
<td>$225</td>
</tr>
<tr>
<td>Undergraduate Student Member</td>
<td>$0</td>
<td>$25</td>
</tr>
<tr>
<td>Undergraduate Student Nonmember*</td>
<td>$175</td>
<td>$225</td>
</tr>
<tr>
<td>Wednesday/Thursday Only</td>
<td>$150</td>
<td>$250</td>
</tr>
</tbody>
</table>

ABSTRACTS

You will receive one abstract book or CD per registration. Please indicate your format choice.

□ Book  □ CD

□ Additional Book Copies $25 ______

□ Additional CD Copies $25 ______

*Attention Nonmember Students and Post Docs - Become a member of ADSA or ASAS and save on meeting registration fees. Simply mark the society that you would like to join. Then, in a single payment, include the “Student Membership Fee” with the appropriate “Student Member Registration Fee” for the 2005 Joint Annual Meeting. Membership will be valid thru 12/31/06. Visit www.CSAS.net for CSAS membership information.

<table>
<thead>
<tr>
<th>Membership Dues</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADSA Undergraduate Student Membership Dues</td>
<td>$5</td>
<td>ASAS Undergraduate Student Membership Dues</td>
</tr>
<tr>
<td>ADSA Graduate Student Membership Dues</td>
<td>$10</td>
<td>ASAS Graduate Student Membership Dues</td>
</tr>
<tr>
<td>ADSA Post Doc Membership Dues</td>
<td>$55</td>
<td>ASAS Post Doc Membership Dues</td>
</tr>
</tbody>
</table>

CERTIFICATE OF ATTENDANCE OR PRESENTATION

Pre-registered certificates of attendance/presentation will be available for pick up onsite with your name badge packet. Please indicate if you need either of these documents so they may be available for pick up onsite.

□ Certificate of Attendance
□ Certificate of Presentation, Abstract #(s)_____________________

REGISTER ONLINE WWW.FASS.ORG/2005
### ADDITIONAL EVENTS

<table>
<thead>
<tr>
<th>Saturday, July 23</th>
<th>Fee</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAD Undergraduate Tour:</td>
<td>$17</td>
<td>1</td>
</tr>
<tr>
<td>Chartered Riverboat Tour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAD Undergraduate Evening Social</td>
<td>$12</td>
<td>1</td>
</tr>
</tbody>
</table>

| Sunday, July 24 |
|------------------|-----|----------|
| CSAS Symposium | | |
| Professional - AM session only | $50 | 1 |
| Professional - PM session only | $50 | 1 |
| Professional - Both sessions | $80 | 1 |
| Student - AM session only | $35 | 1 |
| Student - PM session only | $35 | 1 |
| Student - Both sessions | $50 | 1 |
| Opening Session & Reception | $0 | 1 |

| Monday, July 25 |
|------------------|-----|----------|
| ADSA Production Division | $17 | 1 |
| Extension Specialists Breakfast | | |
| Michigan State University Breakfast | $24 | 1 |
| ASAS Awards Program | $0 | 1 |
| Graduate Student Mixer | $5 | 1 |
| SAD Undergraduate Student Mixer | $8 | 1 |

| Tuesday, July 26 |
|------------------|-----|----------|
| 5K Fun Run (t-shirt: M L XL) | $15 | 1 |
| University of Illinois Breakfast | $17 | 1 |
| Virginia Tech Breakfast | $17 | 1 |
| Kentucky Breakfast | $20 | 1 |
| PSU Breakfast | $17 | 1 |
| ADSA Dairy Foods Division | $17 | 1 |
| Extension Specialists Breakfast | | |
| ADSA SAD Awards Luncheon | | |
| Professional | $30 | 1 |
| Student | $22 | 1 |
| Spouses Luncheon/Cooking Class | $40 | 1 |
| CSAS Annual General Meeting | | |
| No Lunch | $0 | 1 |
| Boxed Lunch | $18 | 1 |
| ADSA Awards Program and Auction | $0 | 1 |
| ADSA-ASAS-CSAS Ice Cream Social | $0 | 1 |
| ADSA Foundation Raffle Ticket | $25 | 1 |
| ADSA Foundation Raffle Tickets - 5 for $100 | | |

| Wednesday, July 27 |
|------------------|-----|----------|
| Purdue Breakfast | $15 | 1 |
| Women & Minority Issues Luncheon | $15 | 1 |
| International/Closing Reception | $0 | 1 |
| CSAS Awards Banquet | $40 | 1 |

### PAYMENT

**Total Amount Due $___________**

- Check Enclosed (drawn on US bank in US funds)
- Please charge $___________ to my credit card

- American Express
- MasterCard
- VISA

<table>
<thead>
<tr>
<th>Card Number</th>
<th>Expiration Date</th>
<th>Signature</th>
</tr>
</thead>
</table>

### CANCELLATION POLICY

To be eligible for a refund of meeting registration fees, requests must be received in writing before the following dates:

- On or Before June 21, 2005: 90% Refund
- After June 21, 2005: NO REFUND

The cancellation dates apply only to the meeting registration fees. Ticketed events may be cancelled due to minimum attendance requirements. Refunds will be issued for CANCELLED ticketed events. There will be NO REFUNDS for non-cancelled ticketed events. All approved refunds will be issued after the meeting.

**PLEASE NOTE**

Please be sure to pre-register for non-program ticketed events; they will not be available for purchase onsite.

### NOTICE TO ORAL PRESENTERS AND INVITED SPEAKERS

Please note that all session rooms will be equipped with a computer and LCD projector. All oral presentations and invited speaker presentations will be pre-loaded one week prior to the meeting. You will be contacted with the pre-loading instructions and deadlines which can also be found online at www.fass.org/2005.

### SUBMIT THIS REGISTRATION FORM

Complete and mail or fax this form with your check, money order, or credit card information to:

**2005 Joint Meeting**

1111 North Dunlap Avenue

Savoy, IL 61874

phone: 217.356.3182; fax: 217.398.4119

e-mail: adsa@assochq.org or asas@assochq.org

or register online at www.fass.org/2005
**FOR BEST AVAILABILITY AND IMMEDIATE CONFIRMATION, MAKE YOUR RESERVATION VIA INTERNET.**

**INTERNET:**
www.fass.org/2005

**Do not** mail and/or fax after submitting online.

**MAIL:**
Cincinnati Housing Bureau
300 West Sixth Street
Cincinnati, OH 45202

**Do not** mail after faxing.

- Photocopy this form if more than one room is required.
- Only one room may be requested under each name.
- Rooms are assigned on a first-come, first served basis.
- Allow up to two weeks for acknowledgment.
- After June 21, rooms and rates are based on availability.

**June 21: Deadline for Special Rates**

**ROOM PREFERENCE:**
- Single (1 guest)
- Double (1 bed/2 guests)
- Triple (2 beds/3 guests)
- Quad (2 beds/4 guests)
- Wheelchair accessible room

**PREFERENCE:**
- Non-smoking
- Other: Please list special needs:

*NOTE: ROOM TYPE PREFERENCES ARE REQUESTS ONLY AND CANNOT BE GUARANTEED.*

**RESERVATION GUARANTEE**
Reservations must be guaranteed. A deposit of $125 is required to make a reservation. Credit card deposits will be processed on or after June 21. Deposits by checks (US funds) must be received by June 21. Please fill out the credit card information entirely or mail a check made payable to GCCVB Housing Bureau. Credit Cards must be valid through July 2005 to be considered a proper guarantee.

- American Express
- MasterCard
- VISA
- Discover
- Diner’s Club

Card No.______________________ Exp.__________

Name:__________________________________________

Signature:_____________________________________

Check No._____________ Amount:______________

**CHANGES / CANCELLATIONS**
Reservations made with a credit card may be changed or canceled without penalty until June 15, 2005 (5 PM EST). Cancellations made on or after June 15, 2005 will be assessed a $25 cancellation fee. **If any reservation is canceled within 72 hours of your arrival date, your total deposit will be forfeited.** Continue to use ADSA/ASAS Housing Bureau for all changes/cancels through July 6 via Internet, fax, mail, or e-mail (Housing@CincyUSA.com). After July 6, all new reservations, changes, and cancellations must go through the hotel.

**Do not** contact the hotels directly until after July 6, 2005.
LOOK INSIDE

General Meeting Information
Program Highlights
Special Events
Tentative Schedule of Events
Registration Form
Housing Form

fass.org/2005