

2005 Joint Annual Meeting



American Dairy Science Association - Canadian Society of Animal Science - American Society of Animal Science

www.fass.org/2005

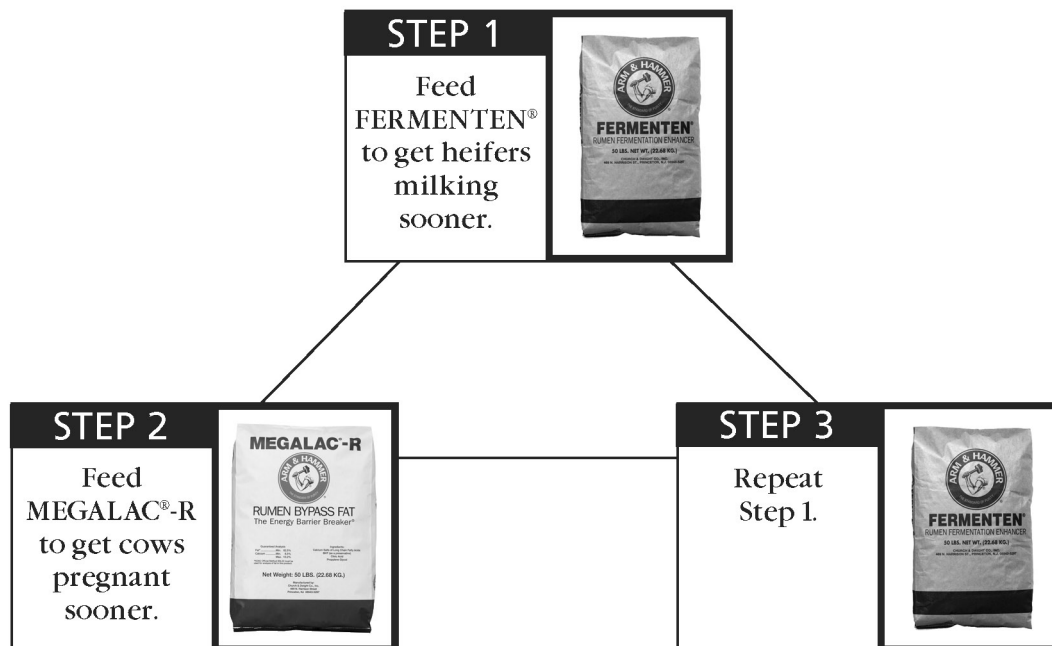
CONFERENCE INFORMATION and SCIENTIFIC PROGRAM

July 24-28, 2005
Cincinnati, Ohio
Cinergy Center

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NATIONAL PORK BOARD

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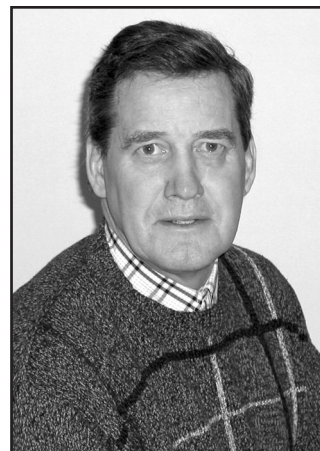
Welcome to the Joint Meeting of ADSA-ASAS-CSAS



Michael Hutjens
ADSA President



James Males
ASAS President



Duane McCartney
CSAS President

We're pleased you've joined us in Cincinnati to see old friends, make new ones, and exchange information with other scientists. This second joint meeting of the American Dairy Science Association, the American Society of Animal Science, and the Canadian Society of Animal Science will provide the very best in professional networking and educational opportunities.

We have an outstanding program this year that has something for everyone, including pre-meeting symposia entitled, "Udder Health Management: A Canadian Perspective," "Vitamin Nutrition of Livestock Animals," and "Using Functional Genomics for Animal Improvement." Dennis T. Avery, a Senior Fellow at the Hudson Institute and Director of the Center for Global Food Issues, will be the keynote speaker for the Opening Session.

In an attempt to make the meeting "attendee friendly," the structure of the meeting has changed for 2005. The poster presentations will be from 7:30 to 9:30 a.m. on Monday, Tuesday, and Wednesday mornings. Scientific Oral Sessions will be from 9:30 a.m. to 12:30 p.m. each morning and from 2:00 to 5:00 p.m. in the afternoon. The lunch break will be from 12:30 to 2:00 p.m. We hope you will find this schedule works well with your overall meeting goals.

The award ceremonies are certain to be on the list of highlights again this year. We have again staggered the ceremonies. The ASAS ceremony will be held on Monday, July 25; the ADSA ceremony will be held on Tuesday, July 26; and the CSAS awards banquet will be on Wednesday, July 27, which will allow you to attend one or all three. An old-fashioned ice cream social, open to all attendees, will be held Tuesday night after the ADSA award ceremony.

We invite all meeting attendees and families to attend the International/Closing Reception on Wednesday, July 27. The keynote speaker will be Hank Fitzhugh.

The agenda for this year's meeting is a testament to the program organizers who have invested an enormous amount of time and effort to bring distinguished scientists in animal agriculture and animal food products to one place. In addition to several invited speakers, this program includes 31 symposia and almost 1,500 presentations. Many thanks to the ADSA-ASAS-CSAS program committees and staff of ADSA, ASAS, and FASS for their hard work. Our program committee, Joe Ford (Chair), Rick Grant, and Jim Oltjen, along with FASS staff members, Jennifer Gavel, Keely Roy, Louise Audrieth, Ted Veatch, and Aaron Leppin (to name just a few), did a fantastic job. Special thanks go out to the Executive Directors of ASAS and ADSA-Jerry Baker, Paula Schultz, and Brenda Carlson-and to Mike Dugan, Vice President of CSAS, for keeping everything headed in the right direction.

Thank you for participating in the ADSA-ASAS-CSAS joint meeting and for making it a success.

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www.fass.org/2005

Important Message

In the event that protestors interrupt your meetings, please ignore them. Their goal is to attract attention. Any attention you give them will only help them. Please ignore them and continue your regular business. Convention staff has a plan in place to handle these situations, and they depend on your cooperation. If you are approached by the media for an interview, please politely refuse and direct them to the convention's media room where spokespersons are available. Keep your cool and walk the other way.

Thank you for your cooperation.

Survey of Meeting Attendees

The program committee has provided the meeting attendees an opportunity to help improve benefits to members and attendees. A survey will be available at the Cyber Cafe during the meeting. The survey should only take a few minutes to complete. When you use the Cyber Cafe to access the Internet or check emails, please take advantage of the opportunity to provide your input and complete the survey. Thank you!

General Meeting Information

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 32 of this program.

Program Format for 2005

Poster Sessions:	7:30 am - 9:30 am
Commercial Exhibits:	7:30 am - 5:00 pm
Scientific Oral Sessions:.....	9:30 am - 12:30 pm
Lunch Break:.....	12:30 pm - 2:00 pm
Scientific Oral Sessions:.....	2:00 pm - 5:00 pm

Registration Hours

Registration will be located in the Elm Street Lobby of the Convention Center. You will pick up your receipt, meeting badge, appropriate tickets, and other meeting materials at the registration desk. Registration hours for the 2005 ADSA-ASAS-CSAS Joint Meeting, including special symposia and other events, will be as follows:

Saturday, July 23 (pre-registered only)	12 pm - 5 pm
Sunday, July 24	7 am - 7 pm
Monday, July 25	6:30 am - 4 pm
Tuesday, July 26	7 am - 3:30 pm
Wednesday, July 27	7 am - 3 pm
Thursday, July 28	8 am - 10 am

Registration Desk Phone: 513-419-7225

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

Media Check-In

Please check-in at the Registration Desk at the Convention Center.

Business Center

There is a Kinko's located in the lobby of the Westin hotel.

Speaker Ready Room

The Speaker Ready Room is located in Coat Check Room on the 2nd Floor of the Convention Center. Please follow the signs. This room will be available from 7 am - 5 pm each day of the meeting.

Hospitality Lounge

This area, located in the Convention Center, Room 233, offers meeting attendees a place to relax, get acquainted, or catch up with old friends. It's also a convenient place when making plans with someone to meet at a specific location. Information on Cincinnati will be posted and/or available here.

Notice to Oral Presenter 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.

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 not begin until 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.

Locating the Correct Poster Board

Please look for the poster board number as noted in the program. Each poster board will have a number, which corresponds to the number in the program. Monday posters will have an "M", Tuesday a "T", and Wednesday a "W" preceding the board number.

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 Board to approve the joint meeting for continuing education credits for veterinarians.

AAVSB Registry of Approved Continuing Education (RACE)

Participation and attendance at the 2005 ADSA-ASAS-CSAS Joint Meeting has been approved for 12 hours of continuing education credit in jurisdictions which recognize American Association of Veterinary State Boards (AAVSB) Registry of Approved Continuing Education (RACE) approval; however, participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. The specific symposia that meet the requirements for CE credit are identified in this program where the RACE statement is found. The ASAS approved RACE provider number is 216 for CE programs. Visit <http://www.fass.org/2005> for more information. Certificates will be available at the meeting.

Placement Center

The Placement Center is located in Exhibit Hall A. The job center announcements and resumés will be organized into the following categories for posting and distribution: Animal Behavior & Well-being, Animal Health, Animal Breeding, Companion Animals, Extension, Food Safety, Food Science, Forages & Pastures, Genetics, Growth & Development, International Animal Agriculture, Lactation, Meat Science & Muscle Biology, Non-ruminant Nutrition, Nutrition, Pharmacology & Toxicology, Physiology & Endocrinology, Production & Management, Ruminant Nutrition, and Teaching.

Cyber Café and Internet Connections

Let technology keep you caught up with work and in touch with friends and family during the ADSA-ASAS-CSAS Annual Meeting. The Cyber Cafe, sponsored by Diamond V Mills, is located in Exhibit Hall A.

Wireless is available at a rate of \$10 per day, or can be purchased at a 5-day rate. To access, open your Internet browser to receive the Cinergy Convention Center's connection page. At this site, you will be prompted to enter payment information. There are two main "hot spots" where connection strength is the strongest: areas at the south side of the convention center, main entrance area off of 5th and Elm Streets and the north central area of the center on the second floor.

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 Kentucky International Airport boasts 540 daily flights to 110 cities non-stop with service by 14 airlines (Delta, COMAIR, American, American Eagle, Northwest, Northwest Airlink, United, TWA, U.S. Airways Express, Continental Express, Air France, Sabena, Swissair and Skyway).

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.

Special Events

Opening Session

Sunday, July 24 • 7 pm - 8:30 pm

Convention Center, Ballroom A-C, Third Floor

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 the Hudson Institute 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 of Food and Fiber, and, prior to joining Hudson, was the senior agricultural analyst for the US Department of State.

His 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, Third Floor

End the evening by joining us in the Ballroom Foyer after the Opening Session for socializing with colleagues and friends. Sponsored by SoyBest.

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.

ASAS/ADSA/CSAS Graduate Student Mixer
Monday, July 25 • 9 pm - 12 am
Barleycorn's American Tavern
124 East Sixth Street • Pre-registration is recommended

Join your fellow graduate students from ASAS, ADSA, and CSAS at a mixer at Barleycorn's American Tavern (<http://www.barleycorns.com/>)! Located in the heart of the entertainment district between Main and Walnut on Sixth Street, Barleycorn's American Tavern has been a mainstay in Cincinnati for 29 years. This event will an opportunity to catch up with old friends and make new ones, so don't miss it.

Undergraduate Dance Party
Monday, July 25 • 8:30 pm - 12:30 am
8:30 pm - 12:30 pm
Four Points, Colonnade
Pre-registration is required

Rock the night away with old and new friends. DJ will start taking your music requests at 8:30. Cash bar, soda bar and snacks will be available. Don't miss this one. It's always the highlight of the meeting! This event is open to all meeting attendees, including students, advisors and anyone else looking for a fun evening. *Hotel is at corner of Fifth and Elm Streets.*

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 Cincinnati 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 Required

This cooking class is way above the rest - 30 floors above Cincinnati that is! 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 Chaîne de Rotisserie, at 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.

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.

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.

Women & Minority Issues In Animal Agriculture Luncheon & Lecture
Wednesday, July 27 • 12:30 pm - 2 pm
Convention Center, Room 263
Pre-Registration is Required

The ASAS-ADSA Women and Minority Issues Program Committee have planned a luncheon and lecture for the 2005 Joint Meeting. Carolyn Meyers, Provost, North Carolina A&T State University, is the featured speaker and will speak on "Making It Happen: Career and Family".

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; visit the exhibit hall prior to the International Reception and locate your home on the map with a push pin. The map will be on display during the International 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.

ADSA-ASAS Award Donors

ADSA

Alltech, Inc.
ABS Global, Inc.
ADSA Foundation
American Dairy Science Association
American Feed Industry Association
Cargill Animal Nutrition
DMI Inc.
Danisco
DeLaval Inc.
DSM Food Specialties USA, Inc.
Elanco Animal Health
International Dairy Foods Association
Milk Industry Foundation
Land O'Lakes, Inc.
Land O'Lakes, Purina Feed LLC
Merial
National Milk Producers Federation
Nutrition Professionals, Inc.
Pfizer Animal Health, Inc.
Pioneer Hi-Bred International, Inc.
West Agro, Inc.

ASAS

ABS Global, Inc.
American Feed Industry Association
American Society of Animal Science
Bouffault Award Fund
DSM Nutritional Products, Inc.
Elanco Animal Health
Land O'Lakes, Purina Mills LLC
Merial
Monsanto Company
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Omega Protein Corporation
Pfizer Animal Health
The Iams Company

Thank you for your support!



Cincinnati Information

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. Listed below are some exciting tour options for you to consider while in Cincinnati.

FAMILY FUN

Cincinnati Flower Show www.cincyflowershow.com; Phone: 513-872-9555

Endorsed by the Royal Horticultural Society of Great Britain, nation's largest horticultural exhibition of its kind. Gardens, single genus displays, premier exhibitors, vendors from around the world.

Cincinnati Zoo & Botanical Garden www.cincinnatizoo.org; Phone: 513-281-4700

Opened in 1875, exhibits over 500 animal species; 3,000 types of plants on 75 acres. Full calendar of special events.

Coney Island www.coneyislandpark.com; Phone: 513-232-8230

Opened in 1875, exhibits over 500 animal species; 3,000 types of plants on 75 acres. Full calendar of special events.

Jungle Jim's International Market www.junglejims.com; Phone: 513-674-6000

International food lover's shopping adventure for the whole family! 8,500 wines, 1,600 cheeses, exotic produce; six acres of food from around the world!

Take a Closer Look

We're Milk Products, the premier manufacturer of private-labeled milk replacers. To ensure that our customers – and their customers – get the best quality and value, we've always kept our operations under the closest scrutiny.

Now we're ISO-9001:2000 certified. It's a tough standard to meet. But producers trust us to deliver products that ensure productivity in their herds and the future of their businesses.

Combine our commitment to quality assurance with our exclusive Instantizing Process and back it up with a half century of animal science. That's us, Milk Products, and that's why we're *The Milk Replacer Source™*.

If you want your customers to get the best, make sure the milk replacer you sell them comes from us. After all, it's not our name on the package, it's yours.

Milk Products
The Milk Replacer Source™

P.O. Box 150, Chilton, WI 53014
1-800-657-0793 www.milkproductsinc.com



Newport Aquarium www.newportaquarium.com; Phone: 859-261-7444

13 themed galleries and thousands of aquatic sea creatures; located on the banks of the Ohio River at Newport on the Levee in Newport, KY.

Newport On The Levee www.NewportOnTheLevee.com; Phone: 859-291-0550

Premier regional entertainment destination: live music, twelve fine restaurants, a comedy club, a cabaret, blues club, 20-screen cinema, the Newport Aquarium, street performers and unique shopping.

Paramount's Kings Island www.pki.com; Phone: 513-754-5700

Premier regional theme park with over 85 rides and attractions. Live and interactive entertainment and shows package featuring #1 Rated Kids Area and #2 Best Water Park in the U.S.

Robert D. Lindner Family OMNIMAX Theater - Cincinnati Museum Center

www.cincymuseum.org; Phone: 513-287-7000

Experience the thrill of films on the five-story wrap-around screen. World's largest motion-picture format and state-of-the-art sound. Showtimes vary.

WonderPark www.wonderparkusa.com; Phone: 513-671-0100

WonderPark is an indoor entertainment park that is fun for children ages 2-12. The facility is enlivened by the bright jungle theme providing a positive atmosphere for families to play.

RECREATION/SPORTS

Cincinnati Reds www.cincinnatireds.com; Phone: 513-765-7000

Experience America's pastime and cheer the Reds in the new Great American Ball Park. Tickets available at the Cincinnati Visitors Center at Fifth Third Center on Fountain Square.

Devou Park Golf & Tennis Club www.landrumgolf.com; Phone: 859-431-8030

18 hole golf facility. Perfect place to play golf, 5 minutes from downtown Cincinnati.

Kentucky Speedway www.kentuckyspeedway.com; Phone: 859-647-4309

The 66,000-seat Kentucky Speedway showcases stock car and open-wheel races on its 1.5 tri-oval and top country music artists during five event weekends. Visit www.kentuckyspeedway.com

River Downs Racetrack www.riverdowns.com; Phone: 513-232-8000

Thoroughbred afternoon racing mid April-Labor Day. Full card simulcasting year-round, daily. Clubhouse, casual dining.

Shaker Run Golf Club www.shakerrungolfclub.com; Phone: 800-721-0007

27 holes of championship golf, open to the public. Large clubhouse, ballroom, locker rooms and pro shop. Visit www.pgmi.net to see our sister properties in the area.

The Golf Ranch Burlington www.LandrumGolf.com; Phone: 859-282-1110

Northern Kentucky's premiere golf practice facility. Practice range and short game area. A staff of PGA professionals available for individual and group lessons.

The Golf Ranch Tri-County www.LandrumGolf.com; Phone: 513-771-6001

Greater Cincinnati's premiere golf practice facility and Par 3 golf course.

World of Sports www.LandrumGolf.com; Phone: 859-371-8255

A world of fun for the entire family. 18-hole executive golf course, practice range, miniature golf, billiard hall, fitness center, racquetball, basketball and more.

MUSEUMS

American Classical Music Hall of Fame www.americanclassicalmusic.org; Phone: 513-621-3263

Celebrates and honors the many facets of classical music in America through engaging exhibits, concerts and a library of international music recordings.

Cincinnati Art Museum www.cincinnatiartmuseum.org; Phone: 513-721-5204

Enjoy 6,000 years of fine art. Free general admission, special exhibits, the Cincinnati Wing, gift shop and Terrace Café. Open 11 am-5 pm Tue-Sun; 11-9 Wed.

Cincinnati Fire Museum www.cincyfiremuseum.com; Phone: 513-621-5553

200 years of Cincinnati history and the development of professional firefighting. Interactive fun and learning about fire prevention in a restored firehouse.

Cincinnati History Museum - Cincinnati Museum Center www.cincymuseum.org; Phone: 513-287-7000

Discover Cincinnati's rich heritage at the Cincinnati History Museum at the Cincinnati Museum Center, at Union Terminal, where you are invited to see, touch and hear Cincinnati's past.

Cincinnati Reds Hall of Fame and Museum www.cincinnatireds.com; Phone: 513-765-7576

With the Cincinnati Red Stockings of 1869, professional baseball and America's passion for the sport was born right here in Cincinnati! The Reds Hall of Fame and Museum offers a fun, interactive and fascinating look into the sport's heralded past.....and present!



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IMAGING**

Cinergy Children's Museum - Cincinnati Museum Center www.cincymuseum.org; Phone: 513-287-7000

Where learning and fun come together in nine world-class exhibits at the Cinergy Children's Museum at the Cincinnati Museum Center at Union Terminal.

Harriet Beecher Stowe House Phone: 513-632-5133

Displays artifacts from African American history and documents from the Beecher family at the Cincinnati home of Harriet Beecher Stowe, author of Uncle Tom's Cabin.

Heritage Village Museum www.heritagevillagecincinnati.org; Phone: 513-563-9484

Through entertaining, educational activities led by costumed interpreters, guests experience 19th century life!

Krohn Conservatory www.cinci-parks.org; Phone: 513-421-4086

Rainforest-under-glass; 5,000 varieties of exotic tropical, desert and orchid plants. One of the country's largest public greenhouses; beautiful seasonal floral shows. Free admission.

Museum of Natural History & Science - Cincinnati Museum Center

www.cincymuseum.org; Phone: 513-287-7000

Explore the creatures and features of the ancient Ohio River Valley and the sciences that shaped them in the Museum of History & Science at Cincinnati Museum Center at Union Terminal.

National Underground Railroad Freedom Center www.freedomcenter.org; Phone: 877-648-4838

Opened summer 2004 on the riverfront-uses exhibits and educational programs to inspire modern action by promoting a better understanding of freedom today from the lessons of the Underground Railroad.

Taft Museum of Art www.taftmuseum.org; Phone: 513-241-0343

Re-opening with breathtaking renovations in Spring 2004, this Federal-style home-turned-museum features Whistler, Rembrandt, Gainsborough; exceptional collections of Chinese ceramics; and French Renaissance Limoges enamels.

William Howard Taft National Historic Site www.nps.gov/wiho; Phone: 513-684-3262

Birthplace of U.S. President and Chief Justice, Supreme Court. Contains restored rooms and museum exhibits. Tours daily 8a.m.-4p.m. Admission free.

PERFORMING ARTS

Aronoff Center for the Arts www.cincinnatiarts.org; Phone: 513-721-3344

Managed by Cincinnati Arts Association, this state-of-the-art venue contains three stunning performance spaces: Procter & Gamble Hall, Jarson-Kaplan Theater and Fifth Third Bank Theater; and features the Weston Art Gallery.

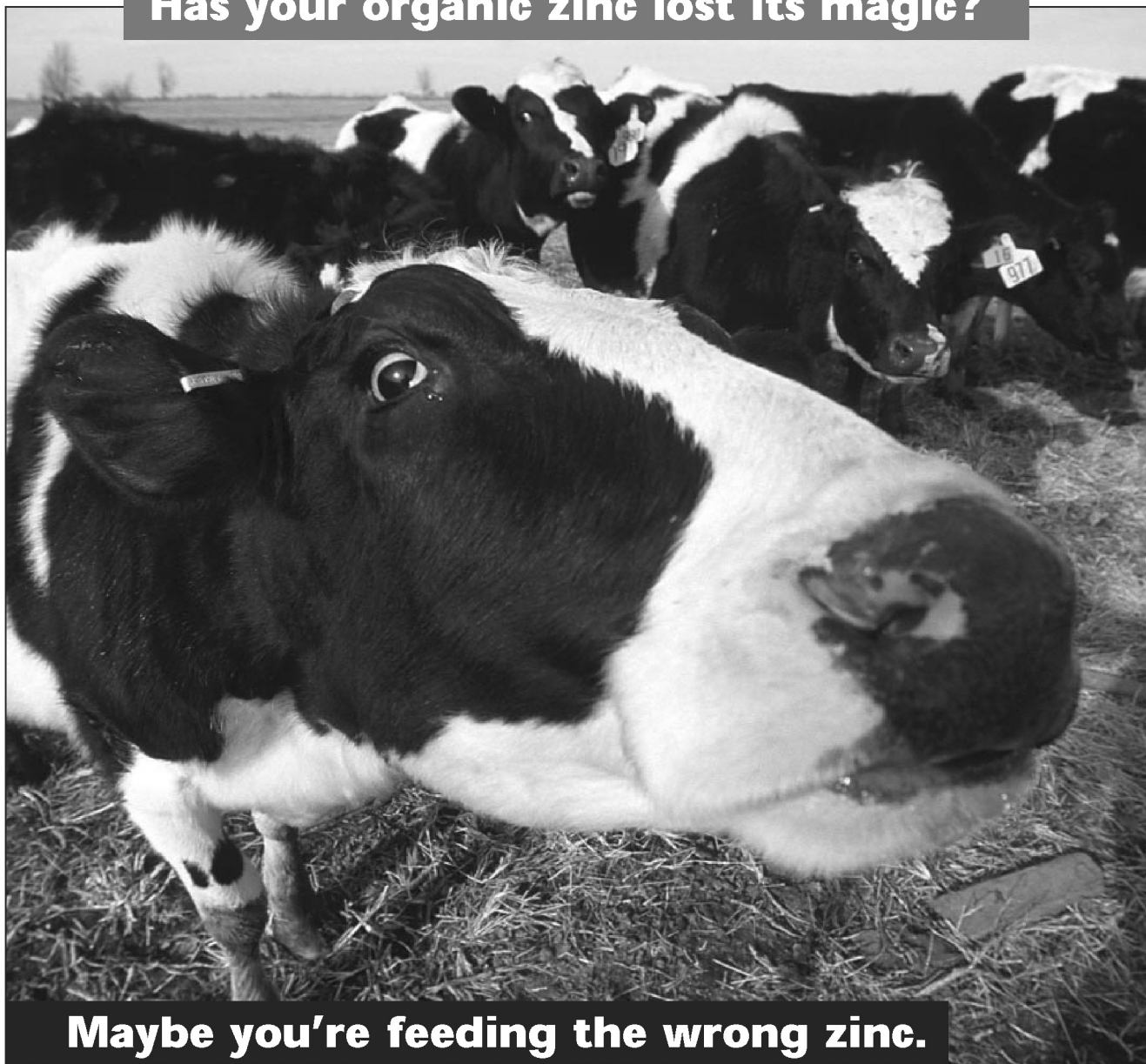
Cincinnati Ballet www.cincinnatiaballet.com; Phone: 513-621-5219

Bringing the magic of dance to the Aronoff Center more than 30 times annually, including the holiday favorite, The Nutcracker. Exciting repertoire of classic, neo-classic and contemporary ballet.

Cincinnati Opera www.cincinnatiopera.org; Phone: 513-241-2742

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Cincinnati Shakespeare Festival www.cincyshakes.com; Phone: 513-381-2273

A professional resident ensemble theatre bringing Shakespeare to the modern audience. With an interactive, relevant and exciting style, the classics are enjoyed by all!

Cincinnati Symphony Orchestra www.cincinnati-symphony.org; Phone: 513-381-3300

Cincinnati Symphony Orchestra, Paavo Jarvi, Music Director. Cincinnati Pops Orchestra, Erich Kunzel Conductor. Sept-May in historic, elegant Music Hall. Summer season at Riverbend Music Center.

Ensemble Theatre of Cincinnati www.cincyetc.com; Phone: 513-421-3555

A professional Equity theater dedicated to the production of new works and works new to this region. See new plays before they open in NY or LA.

Funny Bone Comedy Club and Restaurant www.funnyboneonthelevee.com; Phone: 859-957-2000

The Funny Bone offers the best in nationally recognized stand-up comedy. We also have a fully stocked bar and a full menu restaurant.

Music Hall www.cincinnatiarts.org; Phone: 513-744-3344

Managed by Cincinnati Arts Association (CAA), this historic Queen City jewel includes what is judged to be among the best concert theaters in the world.

Riverbend Music Center Phone: 513-232-5882

Top name entertainment in an intimate outdoor environment May through Sept. Call for complete listing.

U.S. Bank Arena www.usbankarena.com; Phone: 513-421-4111

Year-round, indoor arena seating more than 17,000; features family shows, sports, concerts, Cincinnati Cyclones professional ice hockey team and Cincinnati Swarm arena football team.

SIGHTSEEING

Carew Tower Phone: 513-241-3888

Built 1930, art-deco architecture, tallest building in downtown Cincinnati-panoramic view from observation deck. Visit Carew Tower Health & Fitness Club. Open daily.

Cathedral Basilica of Assumption www.covcathedral.com; Phone: 859-431-2060

Small scale Notre Dame with gargoyles & flying buttresses; world's largest handmade stained glass window; mural-sized oil paintings; Exquisite Venetian mosaics.

Celebrations Riverboats Inc. www.celebrationriverboats.com; Phone: 513-931-6752

Inclusive functions - cruising the Ohio River "Port of Cincinnati" with groups of 50- 400 passengers. Excellent food and beverage services.

Findlay Market www.findlaymarket.org; Phone: 513-352-6364

Open year-round: Wednesday, Friday & Saturday. Open-air marketplace in continuous operation since 1852. Famous for fresh produce and meats.

MainStrasse Village Association www.mainstrasse.org; Phone: 859-491-0458

Centered around Covington's historic German area, Mainstrasse Village is a collection of unique shops, restaurants and homes. A great place to live, eat, shop and enjoy life.

Meier's Wine Cellars Inc. www.meierswinecellars.com; Phone: 513-891-2900

Visit Ohio's oldest & largest winery. Tours of winemaking and barrel aging. Tasting room and wine shop. Garden area open June 1 to Labor Day, M-Sat. 9-4 p.m.

Old St. Mary's Church Phone: 513-721-2988

Oldest church in Cincinnati. Built 1842 by German immigrants in Over-the-Rhine. Bavarian-style stained glass windows illuminate old world charm, treasures. Free guided tours.

TOURS

Able Scotsman Tours Phone: 513-351-7673

Historic, entertaining Cincinnati tour. Allow 3 hours (includes stops); see sights from a six-passenger van. Also step-on guide.

Cincinnati Heritage Tours Phone: 513-287-7030

Cincinnati Historical Society guides offer the city's past with its present. Call for information about currently scheduled public tours.

Cincinnati Preservation Association www.cincinnati-preservation.org; Phone: 513-721-4506

Presents Architreks, walking tours of downtown; Sat-Sun, May-Oct, 2 pm, leaving from the Cincinnati Visitor Center at Fifth Third on Fountain Square.

JLG Tours Phone: 513-563-9380

Journey, Legacy, Gratitude Tours, offers "Secret Passage," Cincinnati's definitive Underground Railroad tour experience and the Cincinnati African-American Heritage Tour.

L.B. Van Travel Service Phone: 513-531-1411

2 hour "Tour of Cincinnati", over 50 attractions from modern mini-vans, motorcoaches; step-on tour guides; shuttles to casinos, race track, airport. Free pickup in convention area.

Paul Brown Stadium Phone: 513-621-3550

Come see the Home of the Cincinnati Bengals! Tours begin in May and run through mid-August and are offered on Tuesdays, Wednesdays and Thursdays. Tours are available by reservation.

Verdin Bell and Clock Museum www.verdin.com; Phone: 513-241-4010

Tour this architectural landmark. From the vaulted ceilings to the spectacular stained glass windows, this building is both historic and beautiful. Tours include neighborhood, St. Paul, and the history of Ohio's oldest family owned company, The Verdin Company. Also tour the World Peace Bell.

SHOPPING MALLS

Cincinnati Mills www.cincinnati-mills.com; Phone: 513-671-2929

Kenwood Towne Centre www.kenwoodtownecentre.com; Phone: 513-745-9100

Located exit 12 off I-71 at Kenwood & Montgomery Roads, is Cincinnati's premier fashion-oriented center featuring Lazarus, Dillards, Parisian and 180 specialty stores.

Rookwood Commons/Rookwood Pavilion www.ShopRookwood.com; Phone: 513-241-5800

Favorite retailers and restaurants in a unique outdoor community setting. Minutes from downtown, exit 6 off I-71.

Tower Place at the Carew Tower www.towerplace.com; Phone: 513-241-5888

Three levels of shopping and dining with more than 70 stores and restaurants. Please visit the Customer Concierge Center for more information. 10 am - 8 pm Mon-Sat, Noon-5 pm Sun.

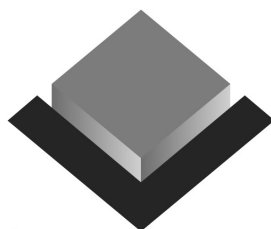
Tri-County Mall www.tricountymallcincinnati.com; Phone: 513-671-012

Conveniently located off I-275 at Exit 42A, Cincinnati's first mall features two levels of shopping and eateries with over 165 stores including Dillards, Lazarus-Macy's, JC Penney and Sears.

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Exhibit Schedule

Exhibit Hall A

Exhibit Hours

Monday, July 25..... 7:30 am - 5 pm
Tuesday, July 26..... 7:30 am - 5 pm
Wednesday, July 27..... 7:30 am - 5 pm

Exhibitor Setup

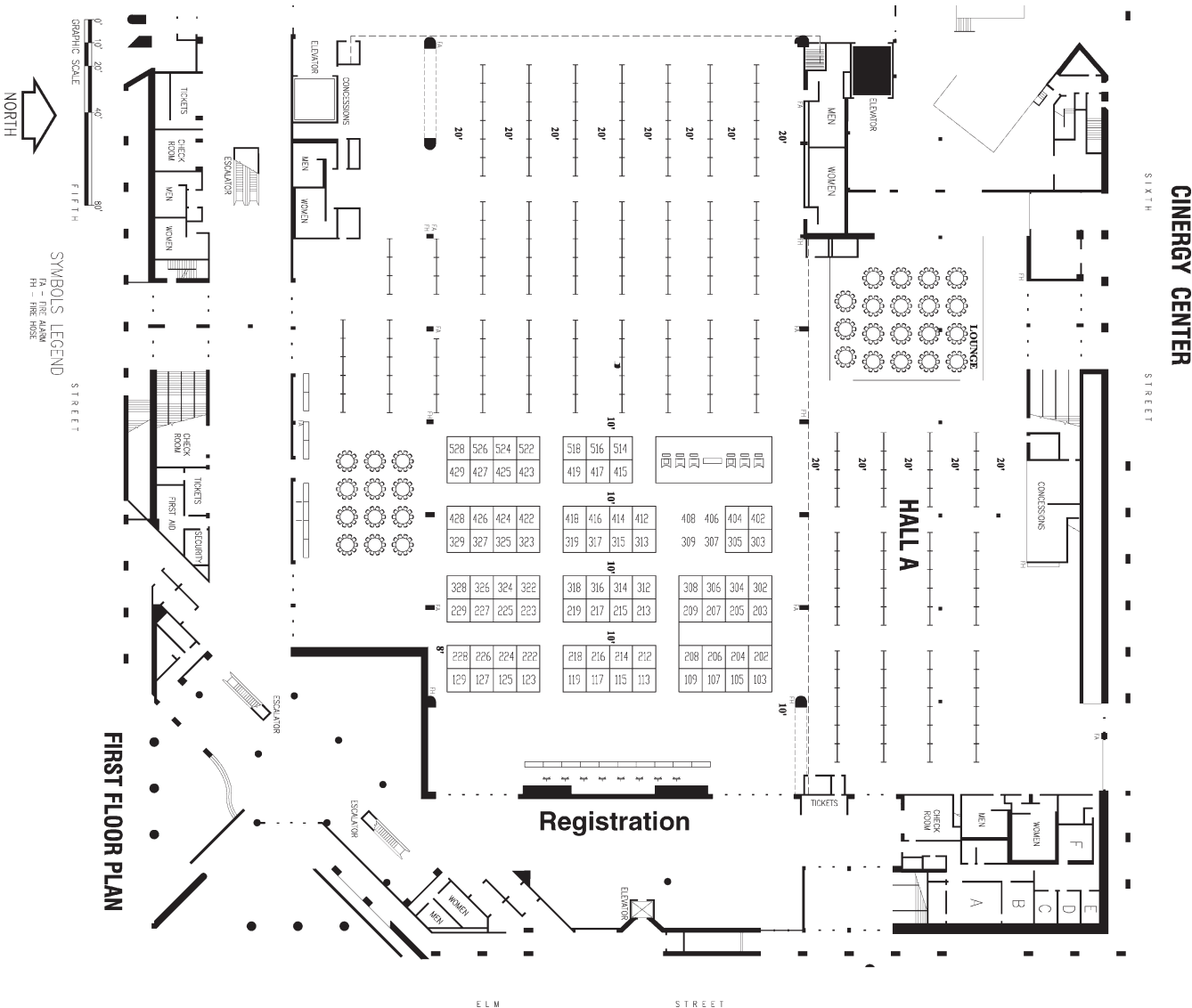
Sunday, July 24..... 8 am - 5 pm

Exhibitor Teardown

Wednesday, July 27..... 5:30 pm - 8 pm

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Exhibit Hall A



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**A special thank you to our
2005 ADSA-CSAS-ASAS
Joint Meeting Exhibitors!**

Exhibit Directory

AAALAC International

11300 Rockville Pike, Suite 1211

Rockville, MD 20852

Phone: (301) 231 5353; Fax: (301) 231 8282

Website: www.aaalac.org

Booth(s): 324

AAALAC International offers accreditation for agricultural animal research programs. Earning accreditation demonstrates your institution's dedication to responsible animal care and use, and good science. It also assures partners and the public of your commitment to quality research. More than 670 institutions in 25 countries have earned AAALAC accreditation. Visit www.aaalac.org.

Academia Book Exhibits

3512 Willow Green Court

Oakton, VA 22124

Phone: (703) 716 5537; Fax: (703) 620 3676

Website: www.acadbkex.com

Booth(s): 222

Academia exhibits professional books and journals from academic publishers in a multi publisher display. A free catalog of books and journals on display is available on request.

Acadian Agritech

30 Brown Avenue

Dartmouth, Nova Scotia B3B 1X8

Canada

Phone: (902) 468 2840; Fax: (902) 468 3474

Website: www.acadianagritech.com

Booth(s): 123

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Phone: (678) 339 1500; Fax: (678) 339 1600

Website: www.AdisseoNorthAmerica.com

Booth(s): 322

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3031 Catnip Hill Pike

Nicholasville, KY 40356

Phone: (859) 885 9613; Fax: (859) 885 6736

Website: www.alltech.com

Booth(s): 113, 115, 117, 119, 212, 214, 216, 218

For 25 years, Alltech has been researching and providing all natural nutritional solutions to the challenges of the animal production industry. With the proven success of cutting edge brands such as Yea Sacc®1026, Sel Plex®, Bio Mos®, Mycosorb®, Bioplex® and Sil All®, the company's product line is a unique example of how all natural technologies backed by constant research can move the industry forward.

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Wallingford, CT 06492

Phone: (203) 269 5088; Fax: (203) 269 6075

Website: www.aloka.com

Booth(s): 213

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Omaha, NE 68103

Phone: (402) 498 5559; Fax: (402) 496 6686

Website: www.amino plus.com

Booth(s): 207

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Phone: (315) 986 8090; Fax: (315) 986 8091

Website: www.ankom.com

Booth(s): 315, 317

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Ankeny, IA 50021
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Website: www.functionalproteins.com
Booth(s): 404

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Princeton, NJ 08543
Phone: (800) 526 3563
Website: www.ahdairy.com
Booth(s): 323, 325

ARM & HAMMER Animal Nutrition is a leading supplier of innovative dairy nutrition products designed to enhance the performance and profitability of cattle during key life cycle stages. Our product portfolio improves dairy producer profitability by enhancing nutrition programs to match specific life cycle needs. For more information, please visit www.ahdairy.com.

Balchem Corporation
PO Box 600
New Hampton, NY 10958
Phone: (877) 222 8811; Fax: (845) 326 5742
Website: www.balchem.com
Booth(s): 303, 305

Balchem is a leader in developing innovative animal nutrition and health solutions by leveraging its proprietary microencapsulation technology. This technology, widely used in food and pharmaceutical applications, allows for creating feed stable, rumen stable and controlled release versions of such important nutrients as choline and ascorbic acid. Balchem products include Reashure® choline, Nitroshure™ urea, Niashure™ niacin and Vitashure®C ascorbic acid.

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Parma, ID 83660
Phone: (208) 722 6761; Fax: (208) 722 6686
Website: www.bardiamond.com
Booth(s): 516

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Canadian Bovine Mastitis Research Network**C.P. 5000****St Hyacinthe, Quebec J2S 7C6****Canada****Phone: (450) 773 8521; Fax: (450) 778 8113****Website: www.medvet.umontreal.ca/****Booth(s): 327**

The Canadian Bovine Mastitis Research Network's mission is to promote and strengthen mastitis research at Canadian institutions and to optimize knowledge and technology transfer to Canadian dairy producers. The Network is an affiliation of scientists engaged in a coordinated research program in partnership with the dairy industry and governmental agencies.

Chelated Minerals Corporation**PO Box 27872****Salt Lake City, UT 84127****Phone: (801) 973 4500; Fax: (801) 972 4068****Website: www.chelatedmineralscorp.com****Booth(s): 329**

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Website: www.cottonflox.com
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4420 West Lincoln Way
Ames, IA 50014
Phone: (515) 292-2125; Fax: (515) 292-4512
Website: www.cast-science.org
Booth(s): 528

The Council for Agricultural Science and Technology (CAST) is a nonprofit organization composed of 36 scientific societies and many individual, student, company, nonprofit, and associate society members. The mission of CAST is to assemble, interpret, and communicate credible science-based information regionally, nationally, and internationally to legislators, regulators, policymakers, the media, the private sector, and the public.

Cumberland Valley Analytical Services, Inc.
PO Box 669
Maugansville, MD 21767
Phone: (301) 790 1980; (301) 790 1981
Website: www.foragelab.com
Booth(s): 217

Cumberland Valley Analytical Services, Inc. (CVAS) is a full service feed and forage testing laboratory specializing in chemistry evaluations including traditional in vitro and in situ analyses. CVAS specializes in custom analysis of sets of research samples for universities and industry.

Dairy Records Management Systems
313 Chapanoke Road, Ste. 100
Raleigh, NC 27603
Phone: (919) 661 3100; Fax: (919) 661 3145
Website: www.drms.org
Booth(s): 206

Dalex Computer Systems
240 Industrial Boulevard
Waconia, MN 55387
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Website: www.dalex.com
Booth(s): 316

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Booth(s): 522, 524, 526

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Distillers Grains Technology Council
University of Louisville, 435 Lutz Hall
Louisville, KY 40292
Phone: (800) 759 3448; Fax: (502) 852 1577
Website: www.distillersgrains.org
Booth(s): 205

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Website: www.nutraaccess.com
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Booth(s): 209

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26 Davis Drive
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Booth(s): 105

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Booth(s): 202

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Finland
Phone: 358 9 5841 2299; Fax: 358 9 5841 2200
Website: www.diagnostics.finnzymes.fi
Booth(s): 203

Finnzymes Diagnostics works at the leading edge of modern molecular biology and develops DNA based diagnostic services and reagent kits to the veterinary, forensic and food diagnostic communities. The PathoProof Mastitis PCR Assay is a breakthrough in sensitive, specific and fast bovine mastitis diagnostics. The test distinguishes all of the most important mastitis pathogens in a total of 5 hours.

Griffin Industries, Inc.
 4221 Alexandria Pike
 Cold Spring, KY 41076
 Phone: (859) 781 2010; Fax: (859) 572 2562
 Website: www.griffinind.com
 Booth(s): 319

Griffin Industries is a global agri business leader supplying quality fats and proteins to the animal feed industry. Griffin is the first rendering company to certify all plant operations through the American Feed Industry Association's Safe Feed/ Safe Food Program. Participation in this program ensures continuous improvement in the delivery of a safe and wholesome feed supply for the growth and care of animals.

GrowSafe Systems Ltd.
 RR #1 Suite #1 Box 19
 Airdrie, Alberta T4B 2A3
 Canada
 Phone: (403) 912 1879 x 224; Fax: (403) 398 1327
 Website: www.growsafe.com
 Booth(s): 419

H.J. Baker & Bro., Inc.
 228 Saugatuck Avenue
 Westport, CT 06880
 Phone: (203) 682 9200; Fax: (203) 227 8351
 Website: www.bakerbro.com
 Booth(s): 417

H.J. Baker & Bro., Inc. brings the experience and resources of over 50 years of manufacturing marine and animal protein supplements and 150 years in the feed, food and fertilizer business. In the late 80's H.J. Baker assembled a team of the best university minds in the field of dairy protein nutrition to develop and research PRO LAK for the dairy industry. Specifically formulated for today's high producing dairy cow, PRO LAK is a multi source marine and animal by pass protein designed to compliment the protein from rumen microbial activity. The desired nutrient balance is accomplished by 72% of the protein by passing rumen degradation and delivering the essential amino acid profile to support maximum milk production. University research has been conducted looking at milk production, digestibility and feed efficiency of PRO LAK. All of our research can be found at our website; www.bakerbro.com

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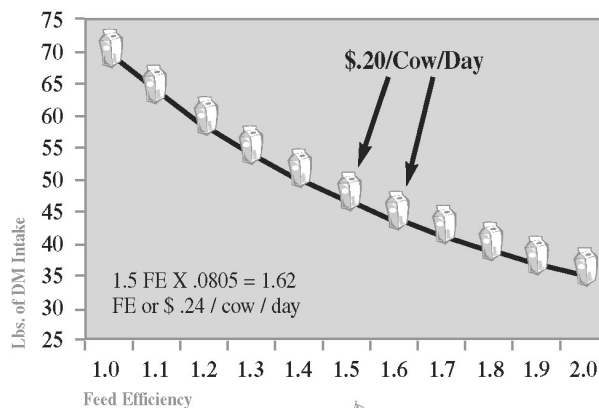


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Website: www.icerobotics.co.uk
Booth(s): 226

IceRobotics develops and manufactures advanced sensor systems for automatic data capture in dairy farming research and precision livestock management. These include the IceTag™ for continuous monitoring of cow activity and lying behavior, and IceScore™ for automatically analyzing and recording cow body condition score.

International Ingredient Corporation
4240 Utah Street, Box 22106
St. Louis, MO 63116
Phone: (314) 776 2701; Fax: (314) 776 3395
Website: www.iicag.com
Booth(s): 107

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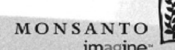
Monsanto
800 N. Lindbergh Boulevard
St. Louis, MO 63167
Phone: (314) 694 1000
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Phone: (847) 426 3411; Fax: (847) 426 3636
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Booth(s): 219

National Institute for Animal Agriculture
1910 Lyda Avenue
Bowling Green, KY 42104 5809
Phone: (270) 782 9798; Fax: (270) 782 0188
Website: www.animalagriculture.org
Booth(s): 306

The National Institute for Animal Agriculture (NIAA) is a forum for building consensus and advancing solutions for animal agriculture and to provide continuing education and communications linkages to animal agriculture professionals. This statement, our mission, truly reflects NIAA - where it's been, where it is and where it's going. NIAA is the only forum where producers/owners (cattle, equine, poultry, small ruminants and swine), scientists (corporate, academia and government), veterinarians (private practice, industrial and government), regulators (state and federal), and business executives (corporate and association) meet in a common effort to deal with shared issues and opportunities.

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Tucker, GA 30084
Phone: (770) 493 9401; Fax: (770) 493 9257
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Canada
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Website: www.probiotech.com
Booth(s): 302

Saf Agri/Lesaffre Feed Additives
433 East Michigan Street
Milwaukee, WI 53202
Phone: (414) 615 4046; Fax: (414) 615 4003
Website: www.safagri.com
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Saf Agri/Lesaffre Feed Additives, a member of the Lesaffre Group of companies, markets Lesaffre's agricultural products throughout North and South America. These products include Procreatin 7[®] active dry yeast, BIOSAF[®] heat resistant active yeast for pelleted feeds, SAFIZYM[®] enzymes (xylanase, beta glucanase, and cellulase), and Safmannan[®], a yeast derived source of mannan oligosaccharides. The Lesaffre Group is the world's largest yeast manufacturer and recently acquired Red Star Yeast and Products of Milwaukee, WI.

Soybean Meal Information Center
4554 NW 114th Street
Urbandale, IA 50322
Phone: (515) 251 8640; Fax: (515) 251 8657
Website: www.soymeal.org
Booth(s): 414

The Soybean Meal INFOcenter website www.soymeal.org provides technical information on soybean meal to nutritionist, feed formulators and livestock and poultry producers. Updated bimonthly, the website features technical information, nutritional reviews, new research articles appearing in the world literature, soybean production and marketing information, and other information of value to the feed formulator. Activities in free bimonthly newsletter, fact sheets, trade shows and access to technical experts. Contacts are www.soymeal.org and info@soymeal.org.

SoyBest
PO Box 157
West Point, NE 68788
Phone: (402) 372 2429; Fax: (402) 372 3305
Website: www.soybest.com
Booth(s): 415, 514

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Phone: (618) 654 2070; Fax: (618) 654 6700
Website: www.trouwnutritionusa.com
Booth(s): 225

Trouw Nutrition USA offers innovative nutrition solutions, specialty products and premixes for the livestock, poultry, and petfood industry, e.g. OPTiMIN[®] chelated minerals, ProtiMAX[®] specialized proteins, Progenos[™] 28 - supplement to increase litter size, CowDrink[™] - fresh cow supplement, Milkivit[®] milk replacers based on GreenlineTN technology, Orafit Inulin and FOS, AgriMOS[™], Novasil Plus. Innovation - That's how. That's Trouw.

USDA/Animal Welfare Information Center
10301 Baltimore Avenue, Room 410
Beltsville, MD 20705
Phone: (301) 504 6212; Fax: (301) 504 7125
Website: www.nal.usda.gov/awic
Booth(s): 125

The Animal Welfare Information Center, a unit of the United States Department of Agriculture, provides information for the improved care and use of animals used in research, testing, teaching, and exhibition. The staff also assists people and institutions in complying with information requirements of the Federal Animal Welfare Act. Services provided include free publications, workshops, and custom literature searches performed on a cost recovery basis.

Varied Industries Corporation
905 South Carolina Avenue
Mason City, IA 50401
Phone: (641) 423 1460; Fax: (641) 423 0832
Website: www.vicor.com
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Website: www.virtusnutrition.com
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Virtus Nutrition, formerly the Dairy Ingredient Group for Bio-products, manufactures and/or markets a line of innovative and scientifically validated products: Ener GII®, EnerII® Reproduction Formula, Ener GI Transition Formula and Levucell® Rumen Specific Yeast.

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Booth(s): 103

Western Yeast Company
305 West Ash Street
Chillicothe, IL 61523
Phone: (309) 274 3160; Fax: (309) 274 5393
Website: www.westernyeast.com
Booth(s): 304

Western Yeast Company was founded in 1932 and uses the Newhaven process for making yeast culture. Western Yeast Culture is an active, all natural feed supplement designed specifically to improve animal nutrition. It consists of live yeast cells, plus the media on which they were grown, carefully dried to maintain the fermentation activity of the cells.

Whatman
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Phone: (973) 245 8300; Fax: (973) 245 8329
Website: www.whatman.com
Booth(s): 418

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Zinpro Corporation
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ASAS

(as of 6-10-2005)

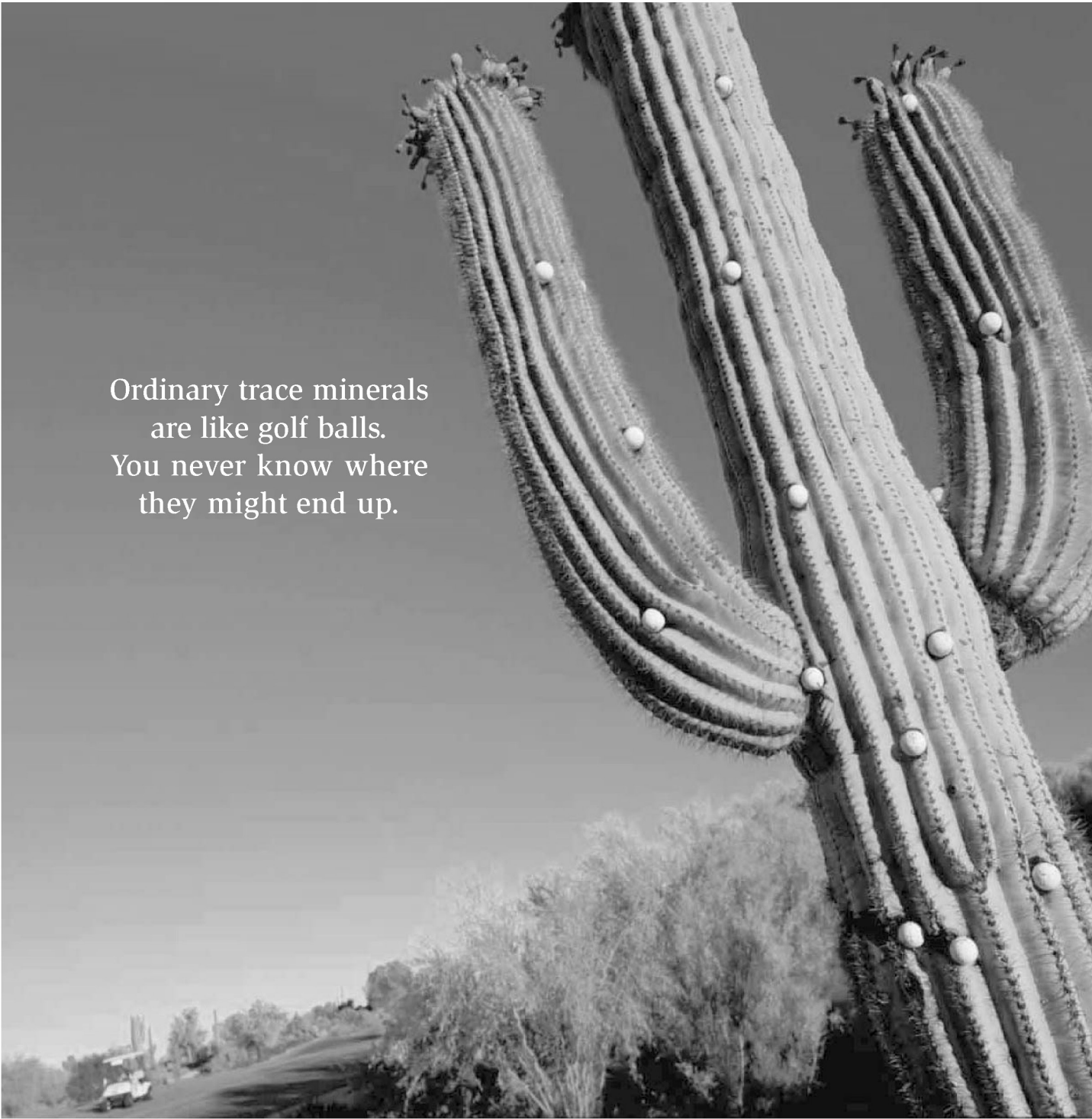
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(as of 6-10-2005)

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The Leader in Trace Mineral Nutrition

Schedule of Events

Friday, July 22

12 pm	FASS Board of Directors Meeting	Hilton, Salon HI
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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 on the Ohio River	Board at Covington Landing 30 min. prior
7 pm	SAD Block at Cincinnati Red's Great American Ball Park	Reds vs. Milwaukee 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 - 10am	ADSA New Board Orientation	Hilton, Salon HI
8 am - 12 pm	ASAS Board of Directors Meeting	Four Points, Colonnade Room 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	ADSA JDS Editors and Journal Management Committee Luncheon	Hilton, Mayflower 1&2
1 pm - 3 pm	ASAS Foundation Board of Trustees Meeting	Four Points, Atrium
1 pm - 5 pm	CSAS Symposia: Vitamin Nutrition of Livestock Animals	Convention Center, Room 206
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 260 & 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 207
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
4:30 pm - 6:30 pm	NAGP Policy Coordinating Committee	Convention Center, Room 210
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 - 8 am	Michigan State University Breakfast	Four Points, Colonnade B
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 - 8:30 am	ADSA 2006 Centennial Planning Committee Meeting	Convention Center, Room 210
8 am - 9:30 am	NAGP Beef Species	Convention Center, Office B
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 - 5 pm	Scientific Oral 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
5:15 - 6:30 pm	Don Palmquist Reception	Four Points, Atrium
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 and Photo Session	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	Barleycorn's American Tavern

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
6:30 am - 8 am	University of Illinois Breakfast	Four Points, Pavilion
6:30 am - 8 am	Virginia Tech Breakfast	Hilton, Rookwood
7:30 am - 9 am	ASAS New Board Orientation Breakfast	Four Points, Atrium
7 am - 3:30 pm	Registration Open	Convention Center, Elm Street Lobby
7 am - 8 am	ADSA Foundation Estate Planning Breakfast	Hilton, Rosewood
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
8 am - 5 pm	Hospitality Lounge	Convention Center, Room 233
8:30 am - 9:30 am	ADSA-SAD Business Meeting - Election of Officers	Convention Center, Room 261
9:30 am - 5 pm	Scientific Oral Sessions	Convention Center
9:30 am - 10:30 am	ADSA-SAD Student Careers Symposium: Leaders in Training	Convention Center, Room 260
11:30 am - 12:30 pm	ADSA Production Division Business Meeting	Convention Center, Room 236
11:30 am - 12:30 pm	ADSA Dairy Foods Division Business Meeting	Convention Center, Room 240
11:30 am - 1:30 pm	2005 Spouses' Luncheon	The Bankers Club
12:30 pm - 2 pm	ARPAS Business Meeting	Convention Center, Room 211
12:30 pm - 2 pm	ADSA Dairy Foods Division Program Planning Lunch	Hilton, Salon HI
12:30 pm - 2 pm	ASAS Division/Associate Editors Luncheon	Four Points, Pavilion B
12:30 pm - 2 pm	ASAS Membership Committee Luncheon	Four Points, Atrium
12:30 pm - 2:30 pm	ADSA-SAD Awards Luncheon	Convention Center, Room 262 & 263
12:30 pm - 1:30 pm	CSAS Annual General Meeting	Convention Center, Room 301 & 302
2 pm - 4 pm	ARPAS Exam	Convention Center, Room 210
2 pm - 5:30 pm	Southern Branch ADSA Symposium & Business Meeting	Convention Center, Room 242

2:30 pm - 3:30 pm	ADSA-SAD Award Photos	Convention Center, Room 262 & 263
3 pm - 4:30 pm	ADSA-SAD Committee Meeting - Old and New Officers & Advisors	Convention Center, Room 261
3:30 pm - 5:30 pm	ASAS JAS Forum (Division/Associate Editors and Authors)	Convention Center, Room 240
5 pm - 6:30 pm	ADSA Award Donor Dinner	Hilton, Continental
7 pm - 8 pm	ADSA Awards Program	Hilton, Pavilion Caprice
8:15 pm - 9:30 pm	2005 ADSA-ASAS-CSAS Ice Cream Social	Hilton, Pavilion Caprice
8:15 pm - 9:30 pm	ADSA Foundation Auction & Raffle	Hilton, Pavilion Caprice

Wednesday, July 27

6:30 am - 8 am	Purdue University Breakfast	Four Points, Pavilion
7 am - 3 pm	Registration Open	Convention Center, Elm Street Lobby
7:30 am - 9:30 am	Poster Presentations	Convention Center, Exhibit Hall A
7:30 am - 5 pm	Job Resource Center	Convention Center, Exhibit Hall A
7:30 am - 5 pm	Commercial Exhibits Open	Convention Center, Exhibit Hall A
8 am - 5 pm	Hospitality Lounge	Convention Center, Room 233
9:30 am - 10 am	Joint ADSA-ASAS Business Meeting	Convention Center, Room 236
10 am - 10:30 am	ADSA Business Meeting	Convention Center, Room 241
10 am - 10:30 am	ASAS Business Meeting	Convention Center, Room 234
10:30 am - 12:30 pm	CAST Rollout of "Metabolic Modifiers"	Convention Center, Room 205
10:30 am - 5 pm	Scientific Oral Sessions	Convention Center
10:30 am - 12:30 pm	CAST Rollout of "Metabolic Modifiers"	Convention Center, Room 205
11 am - 1 pm	ADSA Board of Directors Meeting	Hilton, Salon HI
11:30 am - 1 pm	ADSA DF Division Milk Proteins & Enzyme Committee	Hilton, Salon A
12:30 pm - 2 pm	Block & Bridle Club Advisors Meeting	Four Points, Colonnade A
12:30 pm - 2 pm	ASAS Board of Directors Meeting	Four Points, Colonnade B
12:30 pm - 2 pm	Women & Minority Issues in Animal Agriculture Luncheon & Lecture	Convention Center, Room 263
12:30 pm - 2 pm	RFAC Business Meeting	Convention Center, Room 234
2 pm - 4 pm	ARPAS Exam	Convention Center, Room 210
2:30 pm - 3:30 pm	2005 Retirees Social	Convention Center, Room 262
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 Oral Sessions	Convention Center

ADSA Student Affiliate Division Program

SAD Special Events

Saturday, July 23

SAD Tour: Harbor Sightseeing Cruise on the Ohio River

1:00 pm - 3:00 pm (please arrive 30 minutes prior to boarding)

Departs from Covington Landing, Covington, KY (directly across the river from downtown Cincinnati)

Pre-Registration Required

Sit back, relax and enjoy the view on a 2-hour private chartered riverboat cruise on the Ohio River. Mix and mingle with other undergraduates from universities across the country. Listen as the Captain guides your adventure with interesting commentary pointing out places of interest and historical landmarks. Cash bar on board.

From hotel, take Race Street South. Turn left onto Theodore Berry Way and across the Roebling Suspension Bridge into Kentucky. After bridge, turn left onto Park Place, left onto Greenup, then left again onto Second. Turn right onto Madison and follow to Covington Landing at end of street.

SAD Undergraduate Evening Mixer: Student Block at Reds vs. Brewers Ballgame

7:00 pm

Great American Ballpark (Cincinnati Riverfront)

Pre-Registration Required

The Cincinnati Reds will be taking on the Milwaukee Brewers. Student block is limited to undergraduates and advisors, please.

Sunday, July 24

SAD Midday Mixer and Pizza Party

12:00 pm

Convention Center, Room 262 & 263

Plan to join us for the first official event of the SAD Meetings. The mixer is a great way to get some free lunch and get acquainted with other clubs who will be participating in the meetings. Registration is free, but required.

Dairy Quiz Bowl

1:00 pm

Convention Center, Room 260 & 261

The Dairy Quiz Bowl invites teams from all universities to participate in this year's event. Seating test will be held immediately following the Midday Mixer and Pizza Party. Once teams are placed, competition will begin and continue throughout the afternoon. The top teams will move onto the final round, which will be held on Sunday evening at 6:30 pm.

SAD Informal Mixer

8:30 pm

Gameworks, Newport on the Levee, 1 Levee Way, Suite 2130, Newport, KY

(directly across the river from downtown Cincinnati)

The ultimate destination for a total entertainment experience where you can eat, drink, party and play. GameWorks provides all the best elements of a great night out in one location, including a full service restaurant with a fantastic menu and casual décor; a cool, high-energy bar; and the most entertaining interactive games and attractions in the world. It's state-of-the-art fun. Must be over 18 after 9:00 pm.

From downtown Cincinnati: Take I-471 south across the River, then exit #5 towards Bellevue/Newport. Turn right on Park Avenue, then left on KY-8. Gameworks will be at the Levee, on the right.

Monday, July 25

SAD Dance Party

8:30 pm - 12:30 am

Four Points, Colonnade

Pre-Registration Required

Rock the night away with old and new friends. DJ will start taking your music requests at 8:30. Cash bar, soda bar and snacks will be available. Don't miss this one. It's always the highlight of the meeting! This event is open to all meeting attendees, including students, advisors and anyone else looking for a fun evening. From ADSA Headquarter Hotel, go west one block to Elm Street. Hotel is at corner of Fifth and Elm Streets.

Tuesday, July 26

SAD Career Symposium: Professional Roundtables

9:30 am - 10:30 am

Convention Center, Room 260

A variety of professionals are being assembled to talk with you about careers and internships in the dairy industry. Eight professionals representing academia, industry, governmental agencies, and extension, as well as two students currently interning with dairy-related companies, will share with you their experiences and insights into landing the job of your dreams. Each speaker will be at a table, and you will have the opportunity to move from table to table to hear their presentations, and to ask questions and get advice.

SAD Awards Luncheon

12:30 pm

Convention Center, Room 262 & 263

Pre-Registration Required

Plan to attend this year's SAD Awards Luncheon. This year, you'll be entertained as the students go head to head with ADSA Board Members in a mini-dairy quiz bowl. See who really knows more about the history of ADSA and the dairy industry! There are sure to be a few surprises and plenty of laughs along the way. 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.

SAD Schedule of Events

Saturday, July 23

1 - 3 pm

SAD Tour: Harbor Sightseeing Cruise on the Ohio River. Board at Covington Landing in Covington, KY via Roebling Suspension Bridge. Arrive 30 minutes prior to boarding

7 pm

SAD Block at Cincinnati Red's Great American Ball Park. Reds vs. Milwaukee Brewers

Sunday, July 24

8 am - 5 pm

Student Dairy Clubs Set Up Exhibits. Convention Center, Exhibit Hall A

11 am - 12 pm

SAD Officers and Advisor Meeting. Convention Center, Room 264

12 pm - 1 pm

SAD Midday Mixer & Pizza Party. Convention Center, Room 262 & 263

1 pm - 5 pm

Dairy Quiz Bowl Seating/Preliminary Rounds. Convention Center, Room 260 & 261

6:30 pm - 7 pm

Dairy Quiz Bowl Final Round. Convention Center, Room 261

7 pm

ADSA Opening Session & Reception. Convention Center, Ballroom A-C

8:30 pm - ?

SAD Informal Mixer: Gameworks at Newport on the Levee. Newport, KY directly across the river from downtown Cincinnati via Taylor Southgate Bridge.

Monday, July 25

7:30 am - 8:15 am

Student Dairy Clubs Set Up Exhibits. Convention Center, Exhibit Hall A

8:30 am - 9:15 am

SAD Business Meeting. Convention Center, Room 261

9:30 am - 10:30 am	SAD Judging of Yearbooks, Scrapbooks, Annual Reports. Convention Center, Room 262
9:30 am - 10:30 am	Interviews for Outstanding Student and Advisor Awards. Convention Center, Room 263
9:30 am - 10:30 am	SAD Activities Symposium. Convention Center, Room 261
11 am - 4:15 pm	SAD Undergraduate Paper Presentations. Convention Center, Room 261
8:30 pm - 12:30 am	Dance Party. Four Points, Colonnade. Fifth and Elm Streets (across from Convention Center)

Tuesday, July 26

8:30 am - 9:30 am	SAD Business Meeting - Election of Officers. Convention Center, Room 261
9:30 am - 10:30 am	SAD Career Symposium: Leaders in Training. Convention Center, Room 260
12:30 pm - 2:30 pm	SAD Awards Luncheon. Convention Center, Room 262 & 263
2:30 pm - 3:30 pm	SAD Award & Club Photos. Convention Center, Room 262 & 263
3:00 pm - 4:30 pm	SAD Committee Meeting - Old and New Officers & Advisors. Convention Center, Room 261
3:30 pm - 5 pm	Open to Attend Scientific Sessions
3:30 pm - 5 pm	Tear-down SAD Exhibits. Convention Center, Exhibit Hall A
7 pm - 10 pm	ADSA Awards Ceremony, Ice Cream Social and Fun Auction/Raffle. Hilton, Pavilion Caprice

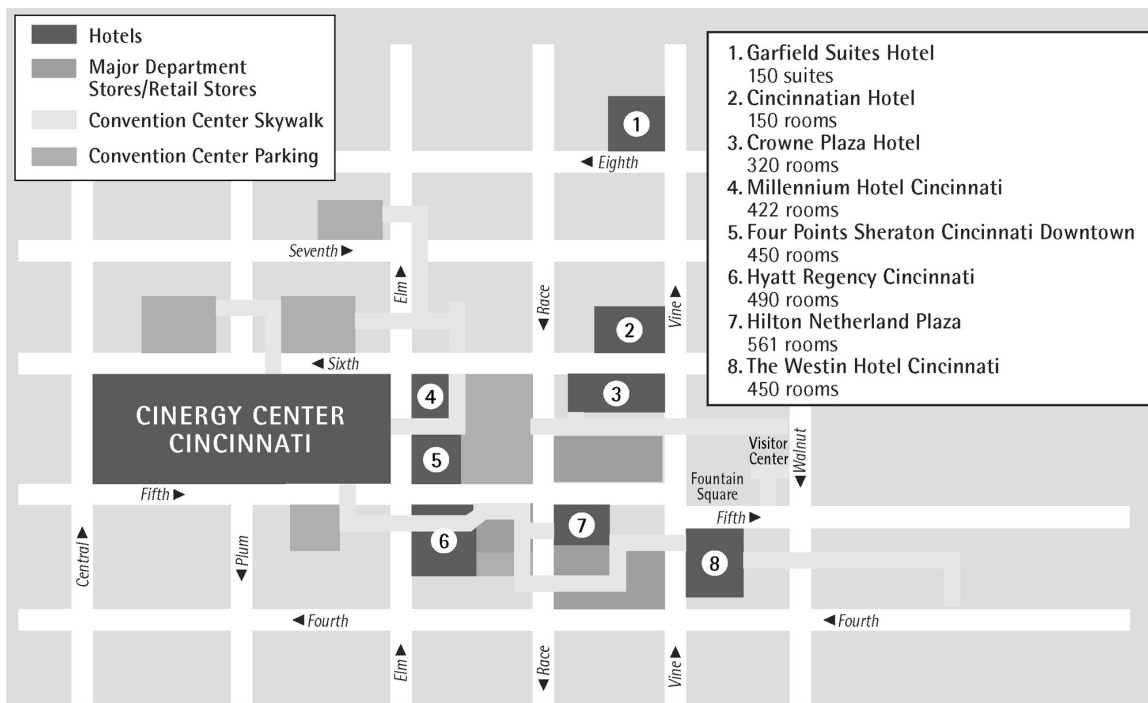
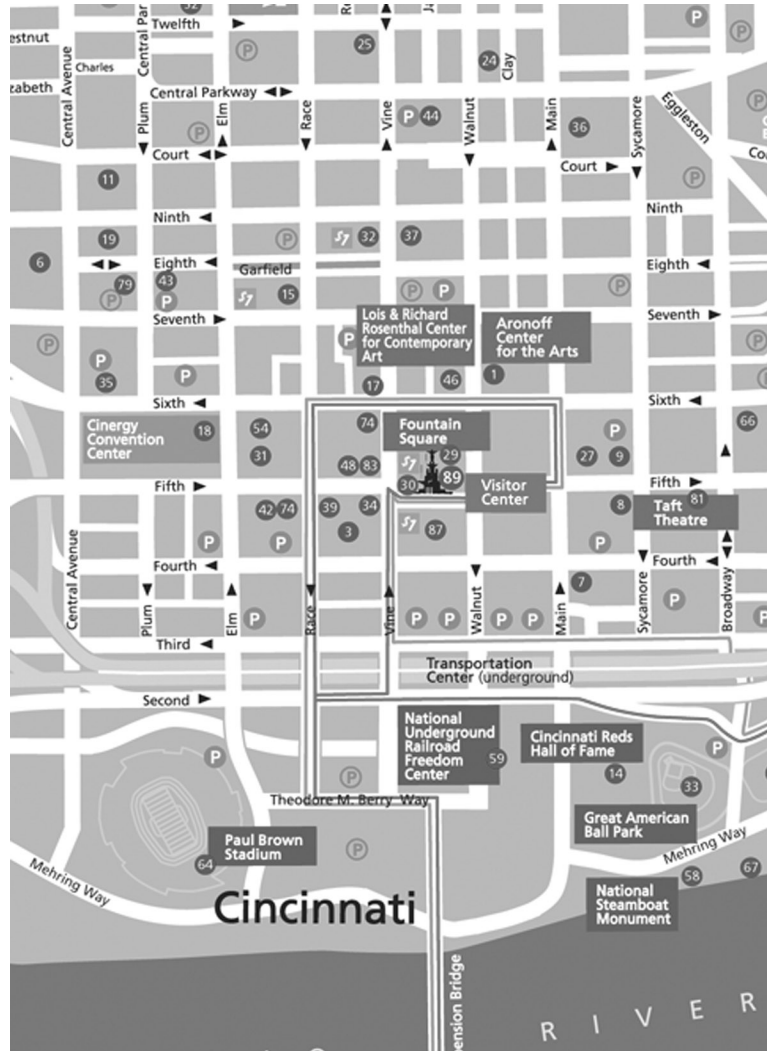
Wednesday, July 27

7:30 am - 5 pm	Scientific Posters, Sessions and Exhibits
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Thursday, July 28

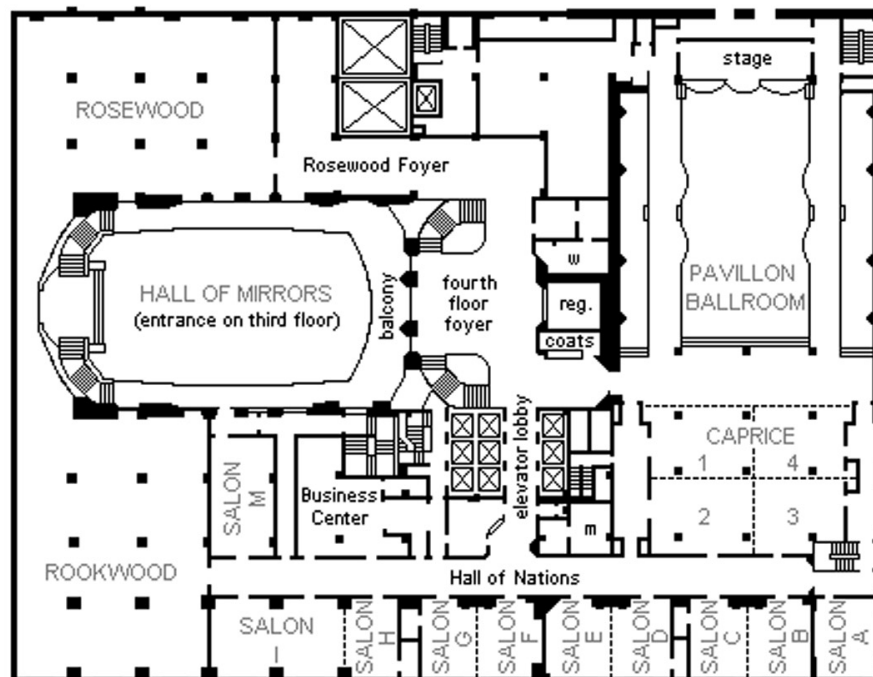
8:00 am - 12 pm	Scientific Sessions
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Downtown Cincinnati



Cincinnati Hotels

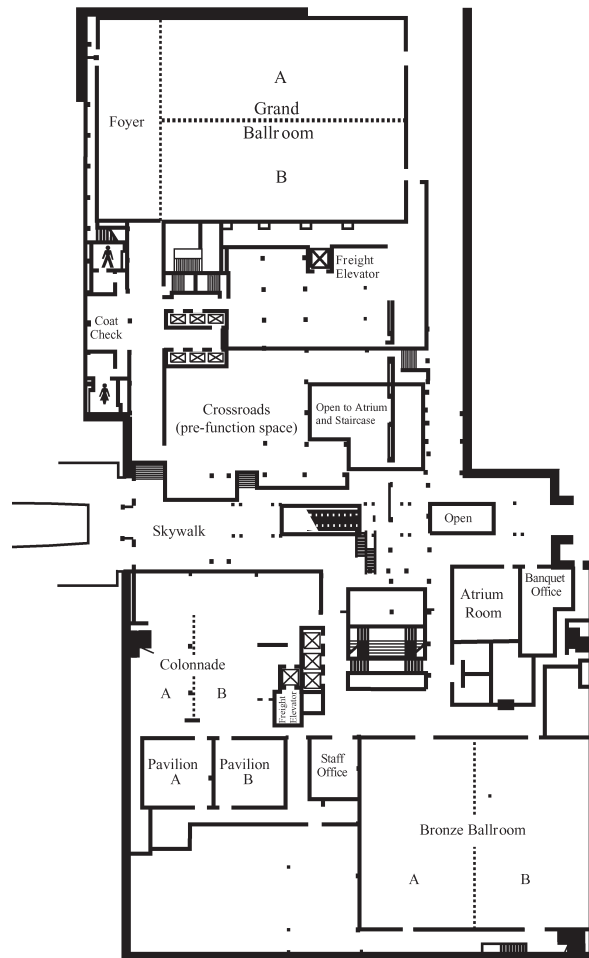
HILTON CINCINNATI NETHERLAND PLAZA - FOURTH FLOOR



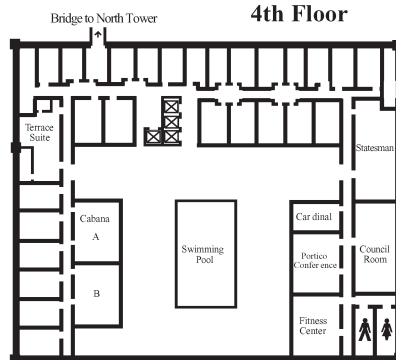
Hilton

Cincinnati Hotels

2nd Floor



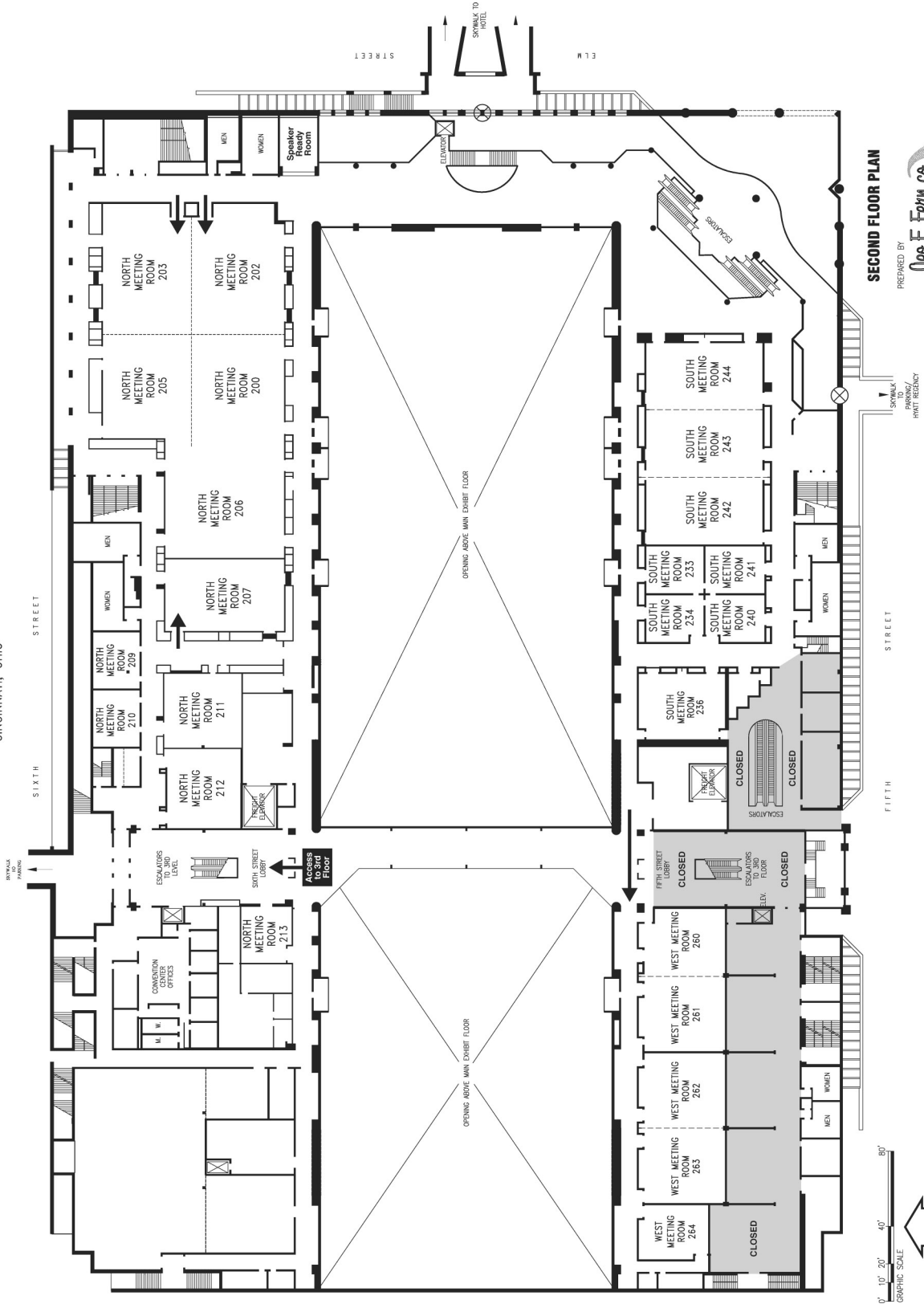
4th Floor



4 Points Millenium

Cinergy Center Level 2 Floor Plan

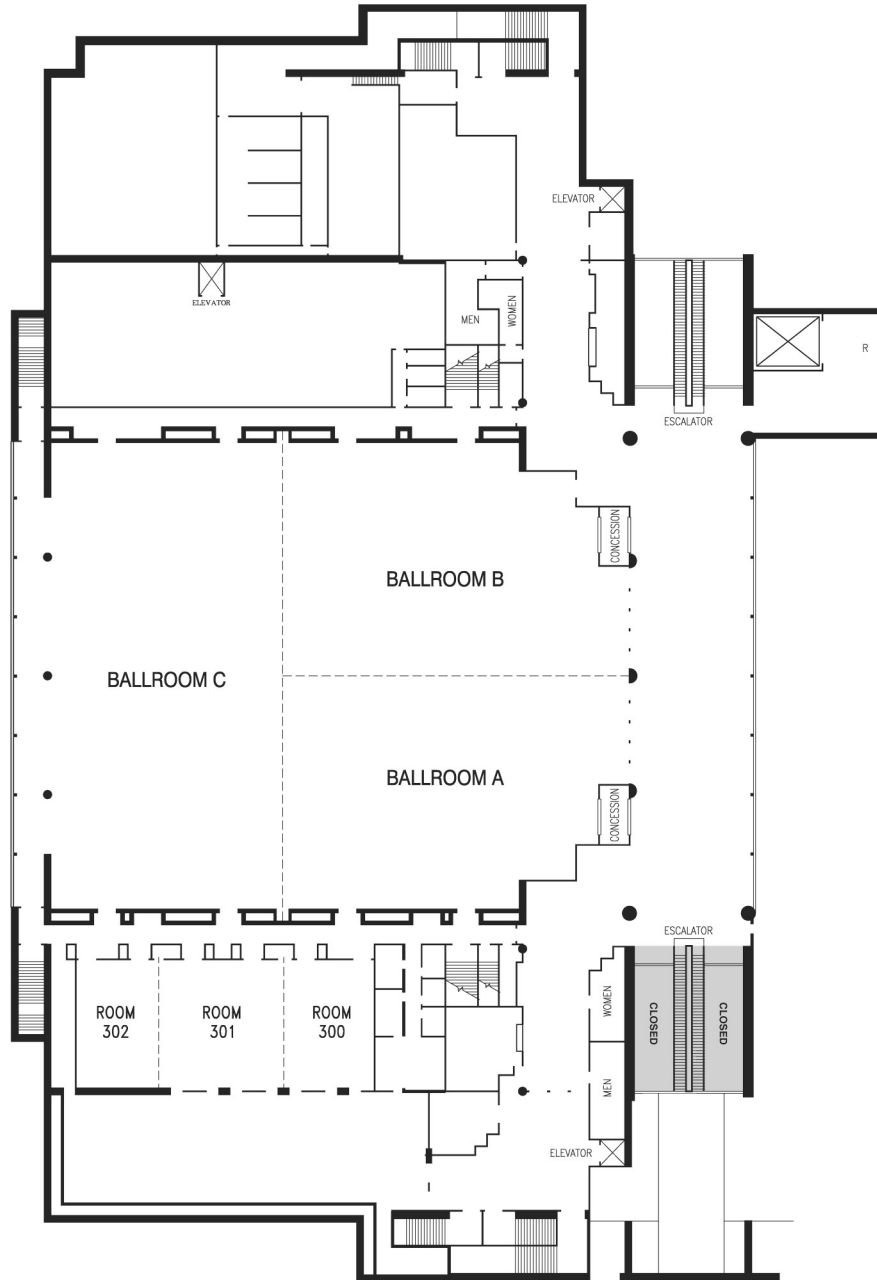
CINERGY CENTER CINCINNATI, OHIO



SECOND FLOOR PLAN
PREPARED BY
Geo. E. Farn Co.
1100 WEST STREET
CINCINNATI, OHIO 45203
TELEPHONE 513-621-6111

Cinergy Center Level 3 Floor Plan

CINCINNATI CONVENTION - EXPOSITION CENTER



0' 10' 20' 40' 80'
GRAPHIC SCALE



FIFTH

STREET

THIRD FLOOR PLAN

Geo. E. Fern co.
1100 CEST STREET
CINCINNATI, OHIO 45203
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