2002 Annual Meeting

Meeting Highlights

Over 30 symposia are planned for the 2002 ADSA-ASAS-CSAS Joint Meeting. A preconference workshop on the "Biology of Lactation in Farm Animals" is scheduled for Saturday, July 20. The Canadian Society of Animal Science has scheduled two symposia for Sunday, July 21. The morning session will be on "Amino Acid" and the afternoon session on "Reproduction". A pre-meeting registration flyer will be mailed to you within the next couple weeks that highlights the symposia covered each day. To find the most current and up-to-date information on the 2002 Annual Meeting, visit www.fass.org/quebec02.

Over 1600 abstracts were submitted for the meeting--a record for joint ADSA-ASAS meetings. With all the great plans in progress, make your plans to join us in Quebec City, July 20-25, 2002! Click here to register.

Opening Session Speaker -- John Oliver, President of Maple Leaf Bio-Concepts, formerly with Eli Lilly will be the 2002 Opening Session Speaker on Sunday, July 21 to open the 2002 ADSA/ASAS/CSAS Annual Meeting in Quebec City. Oliver joined Eli Lilly in 1965 and became Director of Elanco Products in 1971 and vice president of Eli Lilly Canada in 1976. In 1989, Oliver became president of DowElanco Canada Inc., a joint venture between Dow Chemical and Eli Lilly. In 1997, Oliver combined his interest with biotechnology and government affairs into two consulting firms: Maple Leaf Bio-Concepts and Lojon Associates International. Make plans now to attend the Opening Session to hear Oliver and then join your colleagues at the Opening Reception that follows.

Reserve Room Now: To ensure your choice of hotel in Quebec City, book your room now. Click here for the housing form.

Southern ADSA and Northeast ADSA-ASAS -- The Southern ADSA Branch and the Northeast ADSA-ASAS will also meet in Quebec City in conjunction with the 2002 ADSA-ASAS-CSAS Joint Meeting.

The Southern ADSA Branch business meeting will be held Tuesday, July 23 followed by a Southern Branch Symposium on "Potential for Dairying in the Southeast." The Southern ADSA
Honors Award will be presented during the business meeting -- click here for the award nomination form. The winners of the Southern ADSA Graduate Competition Papers will also be recognized during the business meeting.

The Northeast ADSA-ASAS business meeting and awards luncheon is scheduled for Wednesday, July 24. The Distinguished Service Award and the two Young Scientist awards will be presented during the luncheon--click on the award name for award nomination information. This year the Northeast will present two Young Scientist awards, one for an educator and one for a researcher. The Young Scientist Award is sponsored by Church & Dwight. The Northeast ADSA-ASAS Graduate Competition Paper winners will also be recognized during the luncheon. Don't forget to purchase a ticket for the luncheon on the registration form -- click here to register.

Make Your Travel Arrangements Early

It has been brought to our attention that the World Youth Day, a conference organized by the Catholic Church, will take place in Toronto, Canada, July 18-28, 2002. Over 750,000 people, from the ages of 16-35, are expected to participate in this biannual event. Participants from around the world will arrive in different regions across Canada on the 18th before making their way to Toronto for the celebration on July 23rd.

Because this major influx of people will arrive throughout Canada at the same time of the 2002 ADSA/ASAS/CSAS Annual Meeting, we recommend that you make your travel arrangements early for our meeting in Quebec City!

SETTING THE RECORD STRAIGHT -- In the January ADSA Today, it stated that Quebec City is a one-hour drive from Montreal, but instead it is a three-hour drive. If you are considering flying into Montreal, but not sure about the three-hour drive, visit www.viarail.ca/en_index.html to travel by train from downtown Montreal to downtown Quebec City. The train ride will take three hours and is quite enjoyable.

UPDATE FROM HEADQUARTERS

ADSA/ASAS Midwest Annual Meeting -- Plan to attend the 2002 Midwest Annual Meeting of the Midwestern Sections of ADSA and ASAS on March 18-20 at the Polk County Convention Center in Des Moines, Iowa. The meeting headquarters is the Savery Hotel. For the most current information such as housing, registration, and program, click here to visit the Midwest ADSA-ASAS web site.

New Phone Number -- You can now dial directly to ADSA Headquarters at 217-356-5146. Our fax number remains the same (217-398-4119) as does our e-mail address: adsa@assochq.org. Click here to visit the ADSA Home Page if you wish to see the ADSA Headquarters Directory.

DASEES Now FASScience Summaries -- DASEES, the Dairy and Animal Science Electronic Executive Summaries is now FASScience Summaries (FSS). This FASS publication is a
collaboration between ADSA, ASAS, and PSA to promote timely useful information to knowledgeable professional working in industries related to animal agriculture. FSS is available to members for $50 a year, which entitles your to 24 issues. Click here for a subscription form.

**CD-ROM Library of Various Disciplines** -- Due to the popularity of our CD-ROM collections of the *Journal of Dairy Science* and the *Journal of Animal Science*, we have decided to collaborate on a series of CDs specific to certain disciplines on common interest. The material will be drawn from both journals (1995-2001) and arranged by scientific section. These include breeding and genetics, dairy foods, physiology, contemporary issues, teaching, environmental issues, and more! Each CD-ROM is available for only $25.00. We will also offer the complete 2001 volume (January-December) of *Journal of Dairy Science* and the *Journal of Animal Science* for just $25 each. The expected delivery date is mid-March 2002.

**Call for Committee Volunteers** -- Want to become more active in ADSA? Volunteer to serve on one of the ADSA Committees. Click here to see which committee best fits. Please contact ADSA Headquarters if you find a committee you wish to join. Thank you in advance for volunteering to participate with other ADSA members by serving on one of the ADSA Committees.

**2002-2003 FASS Congressional Science Fellowship** -- Who would be a likely candidate for 2002-2003? This experience is valuable to a junior member of our societies with relevant career objectives and interests. Perhaps an established faculty member would want to combine this program with a sabbatical leave to gain experience in public issues and governmental processes. A junior administrator in the Land-Grant system or an agri-business firm might find this sort of opportunity rewarding and useful.

The FASS Fellow from last year is Dr. Dana Hanson, who is currently on the permanent staff of Mr. Lee Terry, (R-2nd) of Nebraska in the House of Representatives. If you would like to talk with Dana about his experience, he can be reached at the district office in Omaha by phone, 402-397-9944. The Fellow selected will spend about one year working as a special legislative assistant on the staff of a Member of Congress or of a congressional committee, advising on a wide range of scientific issues as they pertain to public policy. The program includes an orientation on congressional and executive branch operations and a yearlong seminar program on issues involving science and public policy.

For further information and application materials, please call 217-356-3182, e-mail bglenn@faseb.org, or click here to visit the Web site. Application deadline is February 15, 2002.

**Sixth DISCOVER Conference on Food Animal Agriculture -- Nitrogen Losses to the Atmosphere from Livestock and Poultry Operations**

*Animal agriculture and agricultural engineering personnel are invited to share ideas on the impact of volatile nitrogen emissions from livestock and poultry operations on air quality at a three-day conference sponsored by the American Dairy Science Association (ADSA) Foundation.*
The conference, to be held April 28-May 1, 2002 in Nashville, Indiana, is the sixth in ADSA's DISCOVER Conference Series that was started in 1997 to offer a forum for the exchange of ideas important to the science of food animal agriculture. This conference is titled, "Nitrogen Losses to the Atmosphere from Livestock and Poultry Operations."

The objective of this DISCOVER Conference is to bring together a group of people with diverse talent and experience relevant to volatile nitrogen emissions from livestock and poultry so that we can better understand the nature of the problem, and identify measures that can be developed and implemented to mitigate problems where problems exist. The majority of conference participants will be from the research community, but some participants will come from the livestock industries, regulatory agencies, and other institutions responsible for education and development and implementation of policy. The conference will take place in a relaxed and informal setting, with abundant time in the program for discussion and exchange.

Sessions will be held each morning and evening with afternoons free for discussion or recreation. Nashville is located about one hour south of the Indianapolis airport and offers a variety of recreational activities amid a pleasant countryside and numerous artists' studios and galleries.

Advance registration is $375 and must be postmarked by March 26, 2002. Thereafter registration will cost $475.

For more information on the conference program, travel or accommodations, click here to visit the DISCOVER Conference Web site.

**FASS Biotechnology Web Site**

*New FASS Animal Biotechnology Web Site: Current Scientific Information!* -- Do you want the latest information on biotechnology related to livestock and poultry? A new web site, www.animalbiotechnology.org, has been developed by FASS to provide up-to-date information on both domestic and international scientific research, reviews, reference materials, and media reports on the impact of crop biotechnology on the production of meat, milk, and eggs. The site focuses on the effects of consumption of biotech crops on animal production, performance, and health. Information on transgenics research, regulatory issues, and safety assessment is also provided.

(Click here to visit the website)

**MISCELLANEOUS ITEMS**

*Appointment* -- Agriculture Secretary Ann M. Veneman announced the selection of Rodney J. Brown as Deputy Under Secretary for Research, Education, and Economics (REE). "Rodney Brown brings to USDA extensive knowledge in agriculture, research, and extension programs," said Secretary Veneman.
Recently Brown chaired the Board on Agriculture of the National Association of State Universities and Land Grant Colleges (NASULGC), during which he established formal links with the Interuniversity Council on Agriculture in Europe. For the past year he served as a senior program liaison between Earth Science Enterprise of the National Aeronautics and Space Administration and USDA's CSREES. Brown has served as professor and dean of agriculture at Utah State University for the last 8 years.

Brown has received many honors including: the American Dairy Science Association (ADSA) Pfizer Inc. Award; the Utah State University Leone Administration Leadership Award; the G. Malcolm Trout Visiting Scholar from the Department of Food Science and Human Nutrition, Michigan State University; and the Utah State University President's Diversity Award. Brown has been a member of ADSA for 27 years.

Dairy Issues in the News

DAIRY

FOOD LABELING

Labeling Requirements for FSIS-Regulated Products - The USDA Food Safety and Inspection Service, Office of Policy, Program Development and Evaluation. Labeling and Consumer Protection Staff has produced a "Labeling 101" PowerPoint presentation on labeling requirements for FSIS-Regulated Product. The Labeling and Consumer Protection Staff is using this presentation as a learning tool at food labeling workshops for industry in various location throughout the United States. The complete presentation is accessible at: http://www.fsis.usda.gov/OPPDE/larc/Label101/index.htm

FOOD SAFETY

USDA/HHS Food Safety Education Conference Set for September 18 - 20 in Orlando, Florida - The title is "Thinking Globally - Working Locally: A Conference on Food Safety Education - 2nd National Conference for Food Safety Educators" - To "... focus on the food safety education implications of the global nature of the food supply, while at the same time recognizing that worldwide food safety education is very much a local effort. Current trends will also be assessed to determine the future direction of food safety education ..." - Sponsors are the USDA Food Safety and Inspection Service and the Cooperative State Research, Education and Extension Service and HHS’s Food and Drug Administration and Centers for Disease Control and Prevention in cooperation with the Partnership for Food Safety Education - Questions may be directed to the USDA Graduate School at 202 314 3459; e-mail: fsis.outreach@usda.gov - Details are posted at: http://www.fsis.usda.gov/orlando2002/index.htm

Microbial Food Safety Issues are addressed in a new report issued by the Institute of Food Technologists (IFT), titled "Emerging Microbiological Food Safety Issues: Implications for Control in the 21st Century" - The text of the report was posted on February 26 on IFTs home
According to the IFT February 26 News Release on the report: "... current science providing the foundation for the safety of our food is not sufficient to protect everyone against all the emerging health issues associated with a diverse food supply. And with increasing populations of elderly consumers, individuals dependent upon immunosuppressant drugs, children and others, the likelihood of illness among susceptible groups is growing. 'Current technologies and production methods cannot provide a food supply that is completely free of pathogenic microorganisms,' according to report co-author Douglas A. Archer of the University of Florida ... The quest for control is not limited only to bacterial agents like E.coli O157:H7 and Salmonella. 'Parasites, viruses and biotoxins all present food safety challenges,' according to report co-author Lee-Ann Jaykus of North Carolina State University. 'These pathogens have properties that make them quite different from the common bacterial agents of foodborne disease.' The expert report notes that the ability to link food to human illness is improving, and stresses the need for increasing surveillance of foodborne diseases to help determine causes, improve controls and prevention. It states that increases in data-generation and -sharing in order to improve risk management systems would also prove beneficial at enhancing food safety. The report also notes that greater attention to preventing cross-contamination and undercooking at home and at food service outlets may have a more positive impact on the public's health than further reductions in the already small numbers of microorganisms occasionally present in the food supply could provide. Greater communication with consumers to improve food choices and handling practices will be essential for reductions in foodborne illness, according to the report. Among its seven sections, the report addresses: procedures from farm to table to significantly reduce illness due to mishandling, processes to recognize and respond to outbreaks and to reduce their scope, recommendations necessary for reducing pathogenic influence at every step-from production to consumption-and guidance to enhance monitoring, data generation, and risk assessment ..." - The report is posted at www.ift.org/govtrelations/microfs/

**AGRICULTURAL RESEARCH**

**Farm Bill Update - The full US Senate about 1 pm on Wednesday, February 13, approved its version of the HR 2646, the Farm Security Act** - According to a February 13 House Agriculture Committee News Release: "...House Agriculture Committee Chairman Larry Combest (R-Texas) said Wednesday's passage of a Senate farm bill should signal immediate work to begin on reconciling House and Senate versions with sights on the 2002 crop year. Combest has directed that working meetings begin immediately without waiting for the formal announcement of Members to the House-Senate Conference. The U.S. Senate must formally report S. 1731 to the U.S. House of Representatives before Members of the House and Senate can be named to the Conference Committee for HR 2646 'The Farm Security Act.' ... The House passed the "Farm Security Act" (HR 2646) on October 5, 2001 by a two-to one margin, 291 to 120. The Senate's 'Agriculture, Conservation, and Rural Enhancement Act' (S 1731) passed 58 to 40 shortly before 1p.m.Wednesday ..." - Additional information is posted on the House Ag Committee www site at: http://agriculture.house.gov and on the Senate Ag Committee site at: http://agriculture.senate.gov/ - Details should be in the February 13 issue of the Congressional Record, which will be available on February 14 on Congress' www site at http://thomas.loc.gov -
GLOBAL ISSUES

Regulation of Ag Biotech Crops and Foods in the European Union - The European Commission on February 22 issued a News Release, titled: "Responsible management of GMOs: Commission proposes EU implementation of Cartagena Protocol on Biosafety," which states: "... The European Commission has decided to propose a Regulation on the cross-border movements of Genetically Modified Organisms (GMOs). The aim is to establish safeguards at international level for transfer, handling and use of GMOs. The Commission believes that these measures are essential for protection of biodiversity at international level, with special focus on developing countries. The proposal will implement into EU legislation the provisions of the United Nations' Cartagena Protocol on Biosafety ... In parallel, the Commission is preparing a Proposal for a Council decision on the conclusion of the Biosafety Protocol, which aims at ensuring the ratification of the Protocol by the EU ... The Commission's proposal contains detailed rules for the implementation of the Protocol's provisions. It is an integrated part of the EU legal framework on Biotechnology. It complements existing EU legislation on biotechnology, mainly in the field of exporter obligations and information sharing at international level. It will not entail any modification of the existing legal framework on GMOs ... The main elements of the proposal are: It introduces a notification obligation for exports of GMOs intended for deliberate release into the environment. As an exporter, the EU must follow the exporter obligations contained in the Protocol's information procedure, which currently do not exist in EU legislation. Some limited additional requirements are also introduced to maintain coherence with EC legislation on biotechnology and ensure practical implementation. It introduces an information obligation at international level on EU practices, legislation and decisions on GMOs. It sets rules for identification of GMOs for exports in line with the latest EU developments (the Labelling and Tracability proposal). As an Importer of GMOs, the Protocol allows the European Union to utilise existing EU legislation on the basis that it is consistent with the requirements of the Protocol, which has been proven to be the case after careful assessment. To this extend, this Proposal does not cover imports and intra-EU movements of GMOs as such, but only refers to the relevant EU legislation. The only exception concerns unintentional transboundary movements of GMOs, where the Protocol's rules for information apply ...". - The complete EC February 22 News Release is posted at http://europa.eu.int/rapid/start/cgi/guesten.ksh?p_action.gettxt=gt&doc=IP/02/299|0|RAPID &lg=EN

International Discussion of the Need for Labeling of Ag Biotech Crops and Foods - The Food Labeling Committee of the Codex Alimentarius Commission is developing "Recommendations for the Labeling of Foods Obtained through Certain Techniques of Genetic Modification/Genetic Engineering" - The US Position on the a draft of the recommendations is that "... the text of the draft guidelines under discussion fails to address the practical implications that must be considered by countries before mandatory process-based labeling is implemented. More specifically, the text fails to address many technical matters that are yet unresolved and are
potentially problematic in the implementation of such labeling. The United States calls attention to Attachment A of CX/FL 01/7 which raises a number of significant issues of a practical nature. The United States believes CCFL should more carefully and more thoroughly explore and consider the numerous and potentially problematic implications of any process-based labeling before recommending such an approach for an international standard. Thus, the United States believes that it is premature for these draft guidelines to advance. In summary, the United States believes that the Committee could advance Draft guidelines relating to labeling for reasons of significant changes in composition, nutritional value and intended use of foods derived from modern biotechnology. However, the United States strongly believes that the Committee should hold in abeyance any further discussion on mandatory process-based labeling until more comprehensive information is available regarding the implications of such labeling, particularly information relating the costs and impact on international trade..."

- This position will be put forward by the U.S. Delegate at the Codex Committee on Food Labeling session meeting in Halifax, Canada, May 6-10, 2002 - The complete US Position statement is posted at http://www.fsis.usda.gov/oa/codex/biotech02.htm - Questions may be directed to the US Codex Office at 202 205 7760; fax: 202 720 3157; e-mail: uscodex@usda.gov

**Update on the new European Union Food Safety Authority (EFSA)** - The European Commission is seeking an Executive Director for the EFSA - In a February 27 News Release, the European Commission stated: "... The Authority is a major component of the wide ranging reform of EU food law launched by the Prodi Commission in its January 2000 White Paper on Food Safety. In taking these reforms forward, David Byrne, the Commissioner for Health and Consumer Protection, has demonstrated that food safety is his top priority. The Regulation forming the legal basis for the Authority was adopted in record time on 28th January 2002 and thus cleared the way for immediate action to get the Authority fully operational at its temporary Brussels' location this year. The launch of the procedure to find the Executive Director is the second major initiative of the past few weeks, the first being the procedure to identify suitable candidates for the Management Board of the Authority which was launched on 1st February ... The Regulation that will provide the legal basis for the new European Food Safety Authority was formally adopted by the Council of Ministers on the 28th January 2002 and entered into force last Thursday. This Regulation provides a framework of fundamental principles, definitions and requirements for food safety and establishes the structural and operational basis for the European Food Safety Authority ... Immediately following the adoption of the Regulation, the Commission published a call for expression of interests for the Management Board in the national press, the Official Journal of the European Communities and on the EFSA website(1st February). Today, the next phase has been launched, with a similar wide cast of the net to start the process to recruit an Executive Director ... The appointment of the Management Board, which is composed of 14 members and a representative of the Commission follows a procedure involving the Council and the European Parliament. The Commission will identify a list of suitable candidates from which the Council will choose after having heard the views of the European Parliament ... The Management Board will subsequently appoint the Executive Director on the basis of a list of suitable candidates following an open recruitment process. It is for the purposes of creating this list that today's action has been launched ... The Executive Director will be responsible for ensuring that the Authority becomes a major voice on food
safety matters ... The main task of the Authority is to provide scientific advice and support for Community legislation and policies in all fields having a direct or indirect impact on food and feed safety. One of the first tasks of the Executive Director will be to constitute the Authority's new Scientific Committee and Panels, and to recruit the necessary specialised staff for the administration and the scientific work of the agency. The Executive Director will also have to work closely with the national food safety authorities across Europe. He or she will be in charge of establishing the Advisory Forum comprising the heads of these national authorities, which will assist the EFSA in scientific and technical matters. Until the Authority's management is in place, the European Commission will continue the preparatory work to ensure that the Authority can become operational as soon as possible. The existing scientific committees will continue to function until the Authority's Scientific Committee and Panels are operational to avoid any disruption in scientific advice on food safety matters ..." - For more detail see: http://www.efsa.eu.int and http://europa.eu.int/comm/food/fs/efa/index_en.html and http://europa.eu.int/comm/dgs/health_consumer/library/press/press135_en.pdf - The EC February 27 News Release is posted at: http://europa.eu.int/rapid/start/cgi/guesten.ksh?p_action.gettxt=gt&doc=IP/02/328|0|RAPID &lg=EN&display=

GRANTS, INTERNSHIPS, AND EMPLOYMENT NOTICES

Global Carbon Cycle Program - Notices of Intent to Seek Grant Funding sought by NOAA, details of which are posted at http://www.ogp.noaa.gov/mpe/gcc/index/html - Full proposals due by March 29, except for repeat hydrography proposals to be jointly considered with the National Science Foundation (NSF), which must be received no later than March 5 - NOAA notes that " ... The notice describing the Program and funding area descriptions for FY 2002 was published on May 16, 2001 ... in a notice entitled NOAA Climate and Global Change Program. The program description, background and requirements, as well as guidelines for applications are included in that notice and are not repeated here ... The U.S. Interagency Carbon Cycle Science Program (CCSP) seeks to answer two overarching questions: (1) How large and variable are the dynamic reservoirs and fluxes of carbon within the Earth system, and how might carbon cycling change and be changed in future years, decades and centuries?, and (2) What are our options for managing carbon sources and sinks to achieve an appropriate balance of risk, costs, and benefits to society? For more detailed information on interagency priorities, science planning and agency roles, please consult the Internet at: http://www.carboncyclescience.gov - NOAA's participation in the CCSP focuses on three main goals: (1) Quantifying spatial patterns and variability of carbon sources and sinks at global to regional scales; (2) Documenting the fate of anthropogenic CO2 in the atmosphere and oceans; and (3) Improving future climate predictions by incorporating a dynamic understanding of the carbon cycle into models. To achieve these goals, the GCC program focuses on oceanic and atmospheric observations, process-oriented field studies and modeling ..." - NOAA Global Carbon Cycle Program Contact: Irma duPree at 301 427 2089 ext. 107; e-mail: Irma.duPree@noaa.gov or Lisa Dilling at 301 427 2089 ext. 106, e-mail: Dilling@gp.noaa.gov or Krisa Arzayus at 301 427 2089 ext. 183 e-mail: Krisa.Arzayus@noaa.gov - NOAA January 14 Federal Register:
EPA Seeks Research Grant Proposals on the Benefits and Costs of US Environmental Protection Programs - In the January 23 Federal Register, EPA announces that the Agency, in cooperation with the National Science Foundation, is seeking "... individual research proposals of up to 3 years duration, that will contribute to the development of practical approaches for estimating the benefits and costs of environmental policies and improving decision making about environmental issues. This document details the requirements for applications for research support that will be considered by the Federal research partnership. Grants will be awarded following peer review ..." Applications are due to EPA by May 15 - EPA Contacts: Technical Contacts: Susan Carrillo at 202 564 4664; e-mail: Carrillo.Susan@EPA.gov, Robert O'Connor at 703 292 7263; e-mail: ROConnor@NSF.gov, Cheryl Eavey at 703 292 7269; e-mail: CEavey@NSF.gov - Administrative contact: Susan Carrillo at 202 564 4664; e-mail: Carrillo.Susan@EPA.gov - The complete program announcement is posted at http://www.epa.gov/ncerqa, under 'announcements' - The required forms for applications with instructions are posted at http://es.epa.gov/ncerqa/ra/forms/downlf.html - EPA January 23 Federal Register: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2002_register&docid=02-1617-filed

Professional Meeting Calendar

Click here for complete list of ADSA Future Annual Meetings


March 20-22, 2002--First North American Conference on Robotic Milking, Regal Constellation Hotel, Toronto, Canada. For more information: Brian Lang, Ontario Ministry of Agriculture, Food and Rural Affairs, P.O. Box 666, Woodstock, Ontario, Canada N4S 7Z5; 519-537-8786; Fax 519-539-5351, email: rmilking@omafra.gov.on.ca; www.ontariodhi.com/robotics


Sustainable Livestock Systems -- A Focus on Emissions and Public Perceptions, March 22, 2002, Best Western Regency Inn & Conference Center, Greeley, Colorado, presented by R. H. Hergert & Hergert Nutritional Services, for more information, contact Rich Hergert at rrhergert@ctos.com

Food Bio-Security Regulators and Industry Working Together, March 27, 2002, Hampton Inn & Suites Convention Center, New Orleans, Louisiana; contact Association of Food and Drug Officials (AFDO) at 717-757-2888 or afdo@afdo.org for more details.
Second Annual Central Plains Dairy Expo, April 2-3, Ramkota Best Western Exhibit Hall, Sioux Falls, South Dakota, call Lon Tonneson at 800-252-2359 for more details.

Western Dairy Conference, April 3-5, 2002, Holiday Inn Plaza, Sacramento, California, contact John Bruhn jcbruhn@ucdavis.edu for more information.


Dairy Nutrition Conference, April 24-25, 2002, Hilton Arlington, DFW Airport in Arlington, Texas; for additional information contact Dr. Ellen Jordan, 972-952-9212 or by e-mail at ejordan2@tamu.edu.

California Cheese and Butter Association Annual Meeting, April 25-27, Temecula Creek Inn, Temecula, California; contact Lisa Waters, 1721 Indian Wells Way, Clayton, CA 94517; 925-672-8255, Fax: 925-673-0268; email lisa@cacheeseandbutter.org for more details.


16th Annual J. R. Brunner Protein Symposium, May 16-17, 2002, Michigan State University, Kellogg Hotel and Conference Center, East Lansing, Michigan. For additional information, contact Dr. Zeynep Ustunol, Department of Food Science and Human Nutrition, Michigan State University, East Lansing, MI 48824 or call 517-355-0285; fax 517-353-1676 or e-mail ustunol@msu.edu

Foods for Health, the annual conference of the National Agricultural Biotechnology Council (NABC), May 19-21, 2002, Minneapolis, Minnesota; visit www.coafes.umn.edu/nabc2002 for more details.


22nd Annual Meeting of the American Society of Reproductive Immunology, June 6-9, 2002, Westin River North, Chicago, Illinois; visit www.theasri.org for additional information.

Institute of Food Technologists Annual Meeting, June 17-19, 2002, Anaheim, California; contact Institute of Food Technologists, 221 N. LaSalle Street, Suite 300, Chicago, IL 60601, 312-782-8424; fax: 312-782-8348; e-mail: info@ift.org for more information.

International Association for Food Protection Annual Meeting, June 30-July 3, 2002, Hyatt Regency, San Diego; for more information, call 800-369-6337, fax: 515-276-8655; or e-mail: info@foodprotection.org.


International Exposition for Food Processors trade show will be held November 3-7, 2002 in Chicago, Illinois on Navy Pier. Any questions regarding this show can be directed to Nancy Janssen, Executive Director of the IEFP at 1-800-331-8816 or 703-684-1080.


2nd Panamerican Congress on Milk Quality and Mastitis Control, November 24-27, 2002, Ribeirao Preto, Sao Paulo, Brazil, visit www.milkpoint.com.br/mn/pc2002/ing.htm for more details.

Fifth International Dairy Housing Conference January 29-31, 2003, Radisson Plaza Hotel, Fort Worth, Texas held in conjunction with the National Mastitis Council 42nd Annual Meeting,
January 26-29, 2003. For additional information, contact Brian Holmes, Conference Chair, 608-262-0096, e-mail: bjholmes@facstaff.wisc.edu.

**IX World Conference on Animal Production**, October 26 - 31, 2003, Porto Allegre, Brazil; Information is available at conference web site:www.waap.it/9thworld.htm or by contacting Leonard S. Bull, Vice President of WAAP for North America at leonard_bull@ncsu.edu.