Announcing the Seventh DISCOVER Conference on Food Animal Agriculture:
The Future of Antimicrobials in Animal Agriculture
April 27-30, 2003, Abe Martin Lodge, Brown County State Park, Nashville, Indiana
Sponsored by the American Dairy Science Association

Statement of Purpose: This DISCOVER Conference will explore issues associated with current levels of antibiotic usage in animal production, opportunities for reducing these levels, and the alternatives to antibiotic usage.

xDISCOVER Conference Series: The American Dairy Science Association launched the ADSA DISCOVER Conference series based on action of the ADSA Board at the Annual Meeting in June 1997. DISCOVER Conferences offer an environment and format that encourage exciting interactions among attendees focusing on topics of importance to the science of food animal agriculture. Sessions will be primarily mornings and evenings, with afternoons available for discussion or recreation.

Participant Involvement: All participants are encouraged to participate in conference discussions and the various forums provided. This conference is designed to provide a format and venue to encourage in-depth discussion of cutting-edge science. There will be no proceedings, and citations from the conference will not be allowed.

For More Information: Specific program topics, registration and housing information are in the process of being developed. For the latest conference information, visit the DISCOVER Web site at: http://www.adsa.org/discover/

2003 Annual Meeting

June 22-26, 2003 -- One Month Earlier

The plans for the 2003 ADSA-ASAS Joint Annual Meeting are well underway. The Program Planning Committees have developed over 25 symposia ranging from dairy foods research success stories to laminitis in dairy cattle to "the hidden costs of producing cheap food" to altering the lactation cycle in dairy cows to a special symposium on the impact of animal feeding operations on the environment. Another Town Hall Meeting is also planned for the members to meet with the ADSA Board.
The Auction is Back! Donate an Item to the Tenth Foundation Auction

Be a part of the tenth ADSA Foundation Auction during the joint ADSA-ASAS Annual Meeting in Phoenix in June 2003. Proceeds are used to fund activities such as the ADSA Foundation Scholar Awards, the Genevieve Christen Distinguished Undergraduate Student Award, the SAD Dairy Quiz Bowl, and high quality programs at the annual meetings.

To contribute an item to the auction, click here for the Item Donation Form. You will be notified later when and where to send the item. You may enjoy a tax deduction for your donation. Consult your tax advisor for specific details.

Among the items donated are dairy primitives and collectibles, industry memorabilia, antiques, handmade art, crafts, tickets to sporting events, and use of vacation timeshares.

2003 Annual Meeting Deadlines --

Special Events Requests: December 1, 2002 -- click here to submit your request
Abstracts Due: February 5, 2003 -- click here to submit your abstract
Accommodations: May 16, 2003 -- click here for housing information

New SAD Competition

SAD Centennial Celebration Competition -- In 2006, the American Dairy Science Association will celebrate its 100th anniversary. ADSA invites the members of the Student Affiliate Division to be a part of the planning process for the celebration by encouraging each club to submit a proposal for honoring our centennial. The proposals should include both a centennial logo and a centennial theme or motto. Additionally, the proposals may include proposed events and/or momento (a medallion, a publication/video, etc.)

The committee reserves the right to select more than one winner. The winning club(s) will receive $100 each and be recognized at the 2003 meeting. The logo and theme (or close renditions) will be used in publicity for the 2006 meeting for next several years.

Representatives from ADSA and the Centennial Oversight and Task Force will judge each entry on creativity, suitability and overall appearance. For reproduction purposes, the logo should be designed such that it may be effectively portrayed in both black and white and in color, and should be in the form of either a high quality sketch or a computer-generated printout. The theme should be short and concise. Completed proposals should be placed in a binder for judging.

Participating clubs should complete the Centennial Celebration Competition Entry Form which includes a brief (75 words or less) overview of your proposal and send it to ADSA Headquarters postmarked by April 1. Completed proposals will be collected at the first SAD business
meeting. Judging will be on the first day of the meeting. Please plan to have at least one representative from your club present for the judging.

UPDATE FROM HEADQUARTERS

ADSA Officer Nominations for 2003 -- It's time to nominate candidates to serve on the national ADSA Board. Every member has the opportunity to select officers for the Association. And, don't hesitate to place your name in the pool of candidates. We are now accepting nominations for Vice President. The nominee should be from the Production Division. The office of Vice President who then becomes President, alternates between the two Divisions. We are also soliciting nominations for a Director from each Division. The directors serve a three-year term on the ADSA Board. Nominations are due January 15, 2003 and should be emailed to Sharon Frick at sharonf@assochq.org or mailed to: Officer Nominations, ADSA, 1111 North Dunlap Avenue, Savoy, IL 61874-9604 or by fax to 217-398-4119.

HighWire -- ADSA continues to explore ways to improve service to members. Toward that end, ADSA is happy to announce that it has recently signed contracts with HighWire Press for an enhanced online version of the Journal of Dairy Science. This is being done in tandem with ASAS and the Journal of Animal Science. The new JDS and JAS sites will be available in early 2003. Among the features that will improve the online versions of the journals are html versions of text (with large size tables and figures available), an enhanced search engine, hyperlinking to abstracts and full text of references where available, related article links with each paper, posting of full text links directly from PubMed (and quicker posting of JDS and JAS abstracts to PubMed). The site will also offer pay per view access for nonmembers. Look for more information in the coming months.

2003 Membership Renewals : The first joint professional renewals have all been mailed and are returning for processing. We would appreciate any and all comments regarding the new renewal forms so that we can better prepare for next year's renewal process. Please forward your comments toadsa@assochq.org or by mail to: ADSA, 1111 North Dunlap Avenue, Savoy, IL 61874-9604.

How to Contact ADSA :

Phone : 217-356-5146 FAX : 217-398-4119 Email : adsa@assochq.org

2003 ADSA Award Nominations

Marschall Rhodia International Dairy Science Award : An annual research and development award entitled the "Marschall Rhodia International Dairy Science Award of the American Dairy Science Association" established in 1980 recognizes outstanding accomplishments in research and development outside the USA and Canada in chemistry, biochemistry, microbiology, technology, and engineering pertaining to the dairy foods industries. An ADSA Awards Selection Committee chooses the recipient of this award. Deadline for nominations and supportive
materials is **November 27, 2002**. Click here for the nomination form, requirements, and mailing instructions.

We are now accepting nominations for the 2003 ADSA awards. Deadline for award nominations is **December 2, 2002** with supporting award material due to the award chair by February 3, 2003. Click here to nominate online or, click here for printable nomination form.

![2002-2003 ADSA Board of Directors]

Seated from left to right: Joe O'Donnell, Director; Ron Richter, Treasurer; Dave Beede, President; and John Bruhn Past President. Standing from left to right, Brenda Carlson, Executive Director; Gary Hartnell, Director; Dave Henning, Director; Bill Aimutis, Director, Ellen Jordan, Director; Steve Nickerson, Director and Editor-in-Chief; and Kathryn Boor, Director.

**ADSA-ASAS MIDWEST**

The Midwest ADSA-ASAS Board is planning another excellent meeting scheduled for March 17-19, 2003 in Des Moines, Iowa. Click here to visit the Midwest Web page.

**2003 Congressional Science Fellowship Opportunity**
Who would be a likely candidate? This experience is valuable to a junior member of ADSA 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. An administrator in the Land-Grant system or an industry organization might find this sort of opportunity rewarding and useful.

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 year-long seminar program on issues involving science and public policy.

The application deadline for the 2004 FASS Congressional Science Fellowship will be February 15, 2003. For further information, contact the FASS Office of Scientific Liaison.

MISCELLANEOUS ITEMS

Recognition of ADSA Members --

Vikram V. Mistry is the new head of the Dairy Science Department at South Dakota State University. He obtained the B.S. degree in dairy technology from Gujarat Agricultural University and the M.S. and Ph.D. degrees from Cornell University in food science. Mistry has been a member of the faculty at SDSU since 1986, teaching and conducting research in dairy manufacturing areas. He is recognized nationally and internationally for his expertise in dairy processing. He has been a member of ADSA since 1980.

Norm Olson, professor emeritus of food science at the University of Wisconsin-Madison, received the Distinguished Services Award October 30 from the College of Agricultural and Life Sciences at the UW-Madison. The award is given annually to a CALS faculty or staff member for exceptionally meritorious contributions to the College, University, and people of Wisconsin. Olson has distinguished himself in teaching, outreach, research, and administration over a six-decade career at the College.

Robert L. Sellars (retired, Chr. Hansen's) and David Hettinga (Land O'Lakes) have been recognized by the Purdue University Food Science Department as Outstanding Graduates of Food Science.

Members at Meetings --

During the week of October 7-11, the Lactic Acid Bacteria Genome Consortium (LABGC) met at the Joint Genome (JGI) to curate and analyze the genome sequences of eleven bacteria recently sequenced at JGI. During the evening banquet, Bart Weimer (Utah State University), Todd Klaenhammer (North Carolina State University), and Larry McKay (University of Minnesota)
were honored for their contributions to the genome project and to the field of lactic acid bacteria in general. For additional information on JGI visit www.jgi.doe.gov.

**Journals Available --**

An almost complete set from 1937 to present of the *Journal of Dairy Science* is available to a good academic home. Please contact ADSA if interested.

**NOTE:** *If you or a member you know has been recognized for an award, achievement, etc. please forward the information to ADSA Headquarters for inclusion in a future issue of ADSA Today.*

**Dairy Issues in the News**

**DAIRY**

**Inspection and Grading of Manufactured or Processed Dairy Products- Recordkeeping Requirements** - The USDA Agricultural Marketing Services' (AMS) Seeks Public Comments by December 6 on Extension of an Existing Information Collection Request, Titled: "*Regulations Governing the Inspection and Grading of Manufactured or Processed Dairy Products-Record Keeping (Subpart B)*," OMB Number: 0581-0110, which expires on April 30, 2003 - In seeking public comments on the ICR, AMS states: "... The Agricultural Marketing Act (AMA) ... directs the Department to develop programs which will provide for and facilitate the marketing of agricultural products. One of these programs is the USDA voluntary inspection and grading program for dairy products (7 CFR part 58) where these dairy products are graded according to U.S. grade standards by a USDA grader. The dairy products under the dairy program may be identified with the USDA grade mark. Dairy processors, buyers, retailers, institutional users, and consumers have requested that such a program be developed to assure the uniform quality of dairy products purchased. In order for any service program to perform satisfactorily, there are regulations for the provider and user. For these reasons, the dairy inspection and grading program regulations were developed and issued under the authority of the Act. These regulations are essential to administer the program to meet the needs of the user and to carry out the purposes of the Act. The information collection requirements in this request are essential to carry out the intent of the AMA to ensure that dairy products are produced under sanitary conditions and that buyers are purchasing a quality product. In order for the Regulations Governing the Inspection and Grading of Manufactured or Processed Dairy Products to serve the government, industry, and the consumer, laboratory test results must be recorded. Respondents are not required to submit information to the agency. The records are to be evaluated by a USDA inspector at the time of an inspection. These records include quality tests of each producer, plant records of required tests and analysis, and starter and cheese make records. As an offsetting benefit, the records required by USDA are also records that are routinely used by the inspected facility for their own supervisory and quality control purposes ..." - USDA AMS Contact: Susan M. Sausville, Dairy Programs, Dairy Standardization Branch at 202 720 2643; fax: 202 720 2643; e-mail:Susan.Sausville@USDA.gov- USDA AMS October 7
BIOTECHNOLOGY

Ag Biotech Grains to be Milled by the South African Government, prior to being distributed to other African Nations, according to an October 7 Reuters Environmental News Report, which states: "... South Africa offered last week to mill 600,000 tonnes of genetically modified grains sitting at its ports while hunger-stricken countries in the region decide whether or not to accept the gene-altered foods. Regional leaders said in a communique at the end of a two-day annual summit of the Southern African Development Community (SADC) that they had allowed individual countries to make the choice of accepting or rejecting GM food aid. 'Summit welcomed with gratitude an offer of 100,000 tonnes of maize by South Africa to be distributed through the World Food Programme and the milling at its own cost of 600,000 tonnes of GMO maize currently stored at South African ports,' the communique said ..." - Reuters October 7, 2002

Reasons for the Lack of Acceptance of Ag Biotech Crops in Developing Countries - An October 2002 report, titled: "Explaining restricted approval and availability of GM crops in developing countries" is posted on the AgBiotechNet www site - The abstract of the report states: "... Agricultural food and feed crops improved through recombinant DNA are grown widely on farms in wealthy countries such as the USA and Canada, but are scarcely grown anywhere in the poor developing world ... The most powerful explanation proves to be a growing commercial fear of lost export sales to Europe and East Asia ... Consumer misgivings toward GM foods in these rich importing countries, coupled with restrictive or stigmatising import and labelling policies, are prompting food exporting countries in the developing world to remain GM-free. The long-term costs of these decisions for food security in poor countries could be substantial ..." - The complete report is posted at http://www.agbiotechnet.com/reviews/oct02/html/abn097.htm - Questions and reprint requests may be directed to one of the authors, Robert Paarlberg at Wellesley College in Wellesley, Massachusetts by e-mail at RPaarlberg@Wellesley.edu

A Report, titled: "Benefits and Risks of Food Biotechnology" was released in June by the California Council on Science and Technology - The report focuses on California Issues and Concerns, but addresses the topic broadly - The Full Report is posted at http://www.ccst.ucr.edu/gmf/FoodBiotech.pdf and the Executive Summary is posted at http://www.ccst.ucr.edu/gmf/FB_ExecSum.pdf - Information on how the report was funded and developed is posted at http://www.ccst.ucr.edu/gmf/gmf01.html- The report is composed of the following sections: Biotechnology Overview, Product Applications, Consumer Response, by Christine Bruhn, UCD; Safety of Foods Derived from Spliced- DNA Foods by George Bruening, UCD; Transgenic Crop Plants and the Environment: Benefits and Risks by Subray Hegde and Norman Ellstrand, UCR; Spliced-DNA Crops in California by George Bruening, UCD; Federal Regulation and Policy on Transgenic Plants by John Vanderveen, FDA, Retired; State Regulations
by Dave Luscher and John Steggall, CDFA; Science versus Presumption in Assessing Risk by Henry Miller and Gregory Conko, Stanford; Biotechnology and Intellectual Property by Brian Wright, UCB; A Guide to National and International Scientific Reports by Tamara Schiopu and Seymour Van Gundy, UCR; with several appendixes.

A Conference on the Topic, "When Media, Science and Public Policy Collide: The Case of Food and Biotechnology," sponsored by the Pew Initiative on Food and Biotechnology and a unit of Harvard University, will be held on November 21 in Cambridge, Massachusetts - The intent of the conference is to "... engage the stakeholders of this debate in a discussion of how media coverage has influenced and been influenced by science, industry, policymakers and advocacy groups on the topic of agriculture biotechnology and food and human health ..." - Details are posted athttp://pewagbiotech.org/events/1121/

AGRICULTURAL RESEARCH

The USDA 2003 Agricultural Outlook Forum will be held February 20 - 21 in Arlington, Virginia - The program will feature government and industry speakers, topical issues shaping the outlook for agriculture, and in-depth analysis of the farm and commodity outlook for the year ahead - To have your name added to the e-mail distribution list for program details, send an e-mail message toUSDA-AGFORUM@newsbox.usda.govor visit the following USDA www site:http://www.usda.gov/oce/waob/agforum.htm

Agricultural Research should be an important component of the overall US Science and Technology program, according to testimony presented on September 30, by the Coalition on Funding Agricultural Research Missions (CoFARM), before the President's Council of Advisors on Science and Technology (PCAST) - The Council has sent a report and letter to President Bush on issues regarding federal investments in science and technology in the formulation of the FY 2004 budget. CoFARM Chair, Karl M. Glasener, expressed concern that the heavy focus on the physical sciences and engineering in the PCAST letter would result in other disciplines that have not shared in NIH's wealth being unjustifiably ignored. He cited the National Research Initiative Competitive Grants Program (NRI) as an example of just such an oversight. From 1992 to 2002, the NRI has seen a 6% decrease in funding in constant dollars. Moreover, since the inception of the NRI in 1991, funding for this competitive grants program has reached barely one-fifth of its $500 million authorization. Glasener also recommended that PCAST "... Offer all disciplines including the plant and animal sciences, food technology, microbiology, nutrition, rural sociology, and economics the opportunity to provide input to the PCAST panel ..." the next time the Council seeks testimony from the public and private sector concerning funding needs for research and development..." - The complete CoFARM statement is posted athttp://groups.yahoo.com/group/cofarm/files/CoFARM%20Testimony/020930PCASTTestimony.doc- Information about CoFARM is posted athttp://www.asa-csssa-sssa.org/cofarm/- Information about PCAST is posted athttp://www.ostp.gov/PCAST/pcast.html- Glasener may be reached at the American Association of Agronomy at 202 408 5382; e-mail:KarlGlasener@cs.com
GLOBAL ISSUES

Ag Biotech Research in Developing Countries- The UN Food and Agriculture Organization will initiate in November a Four Week Electronic Forum, an e-mail conference, on: "What should be the role and focus of biotechnology in the agricultural research agendas of developing countries?" - The conference is organized by the FAO Working Group on Biotechnology and is the second to be held this year (the first was held in June on the theme of GMOs and gene flow) - FAO notes that the " ... outcome of the conference will be used for the upcoming FAO publication, The State of Food and Agriculture 2003. A Background Document will be provided to Forum Members before the conference. All messages posted during the conference will be placed on the Forum website at http://www.fao.org/biotech/forum.asp ... To join the Forum and to participate in the conference ... send an e-mail to mailserv@mailserv.fao.org leaving the subject blank and entering only the following two-line text message: subscribe biotech-room4 ..."). - Questions may be directed by e-mail to the moderator of the conference at biotech-mod4@fao.org

GRANTS, INTERNSHIPS, AND EMPLOYMENT NOTICES

GRANTS

USDA National Research Initiative Competitive Grants Program (NRICGP) -- Applications are invited for competitive grant awards in the agricultural sciences under the USDA National Research Initiative Competitive Grants Program.

**IMPORTANT PROPOSAL SUBMISSION DEADLINE CHANGES**

1. Submission deadline dates for NRICGP proposals have been advanced to earlier in the year (see below).

2. Proposals now must be RECEIVED BY 5:00 p.m. Eastern Time on the date listed below. Listed below are the five targeted research areas that involve animal systems along with the deadline for RECEIPT of submitted proposals:

   - Animal Reproduction - 41.0 (received by December 2, 2002)
   - Animal Health and Well-Being - 44.0 (received by December 2, 2002)
   - Animal Growth and Nutrient Utilization - 42.0 (January 15, 2003)
   - Animal Genome and Genetic Mechanisms - 43.0 (January 15, 2003)

   Eligibility requirements for the NRICGP are as follows: Except where otherwise prohibited by law, State agricultural experiment stations, all colleges and universities, other research institutions and organizations, Federal agencies, private organizations or corporations, and individuals within the United States are eligible to apply for and to receive a competitive grant. Applications may be submitted by individual investigators, co-investigators or multidisciplinary teams.
Types of proposals that can be submitted include:
1. Standard Research Proposals
2. Conference Proposals
3. Agricultural Research Enhancement Awards including:
   1. Postdoctoral Fellowships
   2. New Investigator Awards
   3. Strengthening Awards are available to faculty with appointments at USDA-EPSCoR state institutions or small and mid-sized institutions that are not among the top 100 universities and colleges that receive Federal funds for science and engineering research. Strengthening Awards include:
      i. Research Career Enhancement Awards (Sabbatical Awards)
      ii. Equipment Grants
      iii. Seed Grants
      iv. Strengthening Standard Research Project Awards
Applicants are encouraged to review the NRICGP RFA (Program Description) and other pertinent information for FY 2003 at http://www.reeusda.gov/nri/. Consultation with the appropriate Program Director (http://www.reeusda.gov/nri/directory/directory.htm) for eligibility requirements and project suitability is also encouraged. Additional information, including abstracts of previously funded research and a list of Frequently Asked Questions, is available on the USDA NRICGP web site at http://www.reeusda.gov/nri.

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USDA Biotechnology Risk Assessment Research Grants Program

Legislation in the 2002 Farm Bill (Section 7210) essentially doubled the available funding for the USDA Biotechnology Risk Assessment Research Grants Program for fiscal year 2003. Additional details will be available when Congress passes the Agricultural Appropriations Bill later this year; however, fiscal year 2003 program funds are expected to be in excess of $2 million.

The purpose of the USDA Biotechnology Risk Assessment Research Grants Program is to assist Federal regulatory agencies in making science-based decisions about the safety of introducing into the environment genetically modified organisms, including plants, microorganisms, fungi, bacteria, viruses, arthropods, fish, birds, mammals, and other animals.

The 2002 Farm Bill outlines the following research priorities:

(1) Research designed to identify and develop appropriate management practices to minimize physical and biological risks associated with genetically engineered animals, plants, and microorganisms.

(2) Research designed to develop methods to monitor the dispersal of genetically engineered animals, plants, and microorganisms.
(3) Research designed to further existing knowledge with respect to the characteristics, rates, and methods of gene transfer that may occur between genetically engineered animals, plants, and microorganisms and related wild and agricultural organisms.

(4) Environmental assessment research designed to provide analysis which compares the relative impacts of animals, plants, and microorganisms modified through genetic engineering to other types of production systems.

(5) Other areas of research designed to further the purposes of this section.

The fiscal year 2003 Request for Applications (RFA) and application information will be available later this year at: www.reeusda.gov/crgam/biotechrisk/biotech.htm. For additional information, please contact: Dr. Deb Hamernik, USDA-CSREES, dhamernik@reeusda.gov, phone: (202)401-4202

EMPLOYMENT

A Specialist in Environmental Science, Management and Policy is Sought by the US Congressional Research Service - To serve as a national expert for Congress on environmental policy issues. In particular, the specialist will prepare innovative analytical studies that integrate the scientific, management, regulatory, and economic aspects of environmental policy - Details are posted at http://www.loc.gov/crsinfo - Refer to Vacancy Number #020232 - CRS is the public policy research arm of the United States Congress. As a legislative branch agency within the Library of Congress, CRS works exclusively and directly for Members of Congress, their committees and staff on a confidential, nonpartisan basis.

A Policy Analyst in Agriculture, Natural Resources and Rural Development Policy is sought by the US Congressional Research Service for analysis of a range of agriculture, natural resources, and rural development policies and programs, including analysis of regulatory, legislative, economic, and technical issues and their interrelationships. In particular, the analyst will evaluate domestic and international farm policies and programs and their economic and social impacts on rural areas - Details are posted at http://www.loc.gov/crsinfo - Refer to Vacancy #020231 - CRS is the public policy research arm of the United States Congress. As a legislative branch agency within the Library of Congress, CRS works exclusively and directly for Members of Congress, their committees and staff on a confidential, nonpartisan basis.

Professional Meeting Calendar

Click here for complete list of ADSAFuture Annual Meetings

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.


Third NSF International Conference on Food Safety Customer Drive Risk Management: From Fork to Farm, November 10-13, 2002, Orlando, Florida, visit www.nsf.org/conference/food3 for more details


Pacific Regional Milk Seminar, November 19-21, 2002, Atlantis Casino, Reno, Nevada, jcbruhn@ucdavis.edu

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


The First International Conference on Food Systems, organized by College of Food Systems, United Arab Emirate University, April 20-22, 2003, Al-Ain City, United Arab Emirates, http://www.cfs.uaeu.ac.ae/conferences/foodsyst/ficfs.htm

17th Annual J. R. Brunner Protein Symposium, May 8-9, 2003, 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 at 517-355-7713, ext. 184; FAX 517-353-1676; by email: ustunol@msu.edu

AAALAC Conference on Quality Animal Care, May 19-20, 2003, Reston, Virginia. For more information visit www.aaalac.org/conference.htm

Horizons in Livestock Sciences, "The impact of new biology", 25 - 28 May 2003, Sea World Nara Resort, Gold Coast, Queensland, Australia, for additional information about the conference, visit www.livestockhorizons.com


American Association of Bovine Practitioners Annual Meeting, September 18-20, 2003 Columbus, Ohio, for more information visit www.aabp.org

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

International Conference on Automatic Milking, March 25-26, 2004; for more information, visit www.automaticmilking.nl/Symposium.asp