A Word from Our President
by David J. Schingoethe, ADSA President

I am pleased to announce that the new Executive Director of the American Dairy Science Association is Brenda S. Carlson. Brenda is no stranger to ADSA because she was Administrative Assistant to the Executive Director of ADSA for many years. After formation of FASS, she has held several leadership roles in FASS and, since 1998, has also been Executive Director of the Professional Dairy Heifers Growers Association (PDHGA). More information about Brenda appears elsewhere in this issue of ADSA Today. We are pleased to have Brenda as our new ED and the transition period between her previous duties with PDHGA and her new responsibilities with ADSA should be relatively brief and smooth.

This is the time of the year for many regional meetings. We have several Branch Societies, Northeast, Southern, and Midwest that traditionally hold meetings. In addition, the Student Affiliate Divisions in each region either meets separately or with the parent organization.

The Southern Branch of ADSA met January 28-30 in Fort Worth, TX, in conjunction with the Southern Association of Agricultural Scientists. At that meeting, they decided to withdraw membership in the Southern Association of Agricultural Scientists but the Southern Branch is not disbanding; they decided to continue their activities by hosting a half-day symposia and a short business/awards meeting during national ADSA meetings.
The Northeast Branch of ADSA met February 24-25 at Penn State University. I am certain that it was a very good session and was energetic because the NE ADSA-SAD group of students was also meeting there.

I was unable to attend that NE Branch's meeting because I was at the University of Illinois attending the Midwest ADSA-SAD meeting on those same dates. More than 470 students plus faculty advisors from 13 universities attended this energetic, educational, and fun-filled event. It was gratifying to see so many students - the future of ADSA - actively participating in this event. Congratulations are in order to the students at the U of I for hosting this fine event, to the faculty for lending their support, to the officers of the Midwest ADSA-SAD for their fine leadership, and to the industry supporters who provided considerable amounts of money and/or products which allowed this function to occur at a reasonable cost to the students.

The Midwest ADSA/ASAS meeting will be held March 19-21 in Des Moines, IA. This is traditionally the largest of our Branch society meetings. Like all of our society meetings, this meeting provides a great opportunity for interaction among our professional scientists from both academia and industry, our graduate students, and our undergraduate students.

Plans continue for the national meeting in July. Earlier in February, many of you were submitting abstracts of research to be presented. At this time, the various subject area chairs are busy arranging the programs for this summer's meeting in Indianapolis. Additional information appears elsewhere in this issue of ADSA Today, and to stay up to date on meeting developments you can click here to go to the meeting website.

**A Note from Your New Executive Director**

*by Brenda S. Carlson*

Hello! As Dave Schingoethe noted in his message, I'm ADSA's new Executive Director. As many of you know, I worked as the Administrative Assistant to a past Executive Director, Carl Johnson, from 1986 to 1998. Since that time I have served as the Executive Assistant to the Federation of Animal Science Societies, the Director of Membership Services, and since July 1998, as the Executive Director of the Professional Dairy Heifer Growers Association. Prior to 1986, I worked with two other associations, giving me over 25 years of association experience.

I'm very excited about working with all of you again, maintaining existing traditions and developing new ones. I look forward to continuing the projects Kent Williamson and the ADSA Board have initiated and working to achieve the goals established in the strategic plan. I also look forward to working with the ADSA team, JoAnna Wisniewski, Jean Rice, and Crystal Rothganger in reaching those goals.

I look forward to seeing you in July at the 2001 Joint meeting of ADSA, AMSA, ASAS, and PSA in Indianapolis.
Plan Now to Attend the International Animal Agriculture and Food Science Conference (ADSA Annual Meeting) in Indianapolis!

Are you planning to attend the annual meeting this summer? It promises to be an historic meeting, with members of the American Meat Science Association, Poultry Science Association, and American Society for Animal Science joining ADSA members for a first-ever four-society scientific meeting. Here are a few reasons you may want to start planning for the meeting now...

**Registration fees increase by 50% after May 15!** To register now and save, click here for online registration. Please do not wait to receive your full program in the mail because it may not reach you before the early registration discount deadline has passed.

**The scientific program offers remarkable diversity and innovation.** For a preliminary look at program plans, click here. A more complete meeting schedule can be found by clicking here. And by mid-April you should be able to get a look at the full program online by clicking on the "program" line on the joint annual meeting website.

**Housing reservations can be submitted now.** You can reserve your rooms online now by clicking here. Rooms in the Indianapolis Marriott, the ADSA Headquarters hotel, are going fast so act now to reserve space in Indy's newest downtown hotel.

New Discover Conference Theme Announced

*Designer Milk Topic of Upcoming DISCOVER Conference...*

... *Milk for the New Decade!*

Recent advances in our knowledge of the nutritional and functional performance of milk and milk components as an ingredient in food and as a part of a healthy diet have sparked renewed interest in the science and technology of milk.

Consumers, producers, processors, regulatory agencies, dairy marketing organizations, and food industry executives have exciting and broad-reaching ideas on how science and technology will impact milk and milk components in the next decade. To help bring all these thoughts into focus, the DISCOVER Conference Series is pleased to present the DISCOVER Conference on Food Animal Agriculture: Milk, Dairy Ingredients and Dairy Foods for the New Decade - Developing New Composition, Nutritional and Functional Targets for Tomorrow's Consumer, December 9-12, 2001.

The program will bring together representatives from a variety of interests to address needs of end-users in the next decade; assess trends, practices and developments that can help guide the industry through the next decade; investigate pre- and post-harvest science and technology
needed to achieve our goals; and determine the most effective technology transfer to be implemented/continued to achieve successful application.

The conference is targeted for scientists involved with dairy cattle nutrition, suppliers of feeds and animal health products, and producers or feeders, as well as scientists working with milk composition, consultants for the dairy industry, companies involved in processing milk and dairy products, suppliers of milk products and regulators for the dairy industry. Participation is not restricted to ADSA members.

If you are interested in participating in this Conference, visit the ADSA DISCOVER Web site at http://www.adsa.org/discover for complete programming, registration and travel information. The registration fee is $375.00, which includes all sessions and most meals.

This conference will be held December 9-12, 2001 at Asilomar State Beach and Conference Grounds in Pacific Grove, California on 105 acres of forest, dune and beach at the tip of California's historic Monterey Peninsula. Overlooking the Pacific, meeting accommodations are set among Monterey pines and cypresses. The tide pools of the Asilomar State Beach are just a few minutes from the Conference Center.

The facility offers a variety of recreational opportunities including a heated swimming pool, horseshoe pits, volleyball courts, and an exercise trail. Off the grounds, the area offers some of the world's best golf, sport fishing and boating. It is just a few minutes from popular tourist destinations in Carmel and Monterey - 17 Mile Drive and surrounded by neighboring Carmel, Cannery Row (just 2 miles), Monterey Bay Aquarium and Fisherman's Wharf.

Phillip Tong, California Polytechnic State University, is chair for this DISCOVER Conference. The first DISCOVER Conference was held in June 1998. DISCOVER Conferences offer a retreat-type setting and an informal format that encourage exciting interactions among scientists focusing on topics of importance to the science of food animal agriculture. Sessions are held primarily mornings and evenings with afternoons available for discussion or recreation.

**ADSA Award Nominations Closed**

Thanks for your nominations.

**FASS Develops Farm Animal Worker Training Program**

The Federation of Animal Science Societies (FASS) has created a two-VHS cassette video package to accompany the first revised edition of *the Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching (Ag Guide)*, which was published in 1999. The package, available March 16, 2001, will be marketed as the Farm Animal Worker Training Program.
The FASS Committee on Animal Care, Use, and Standards produced the video training module as an enhancement to the *Ag Guide*. "The videotape is an accurate reflection of the FASS Ag Guide that farm animal researchers and investigators will find very useful," states Dr. John McGlone, Texas Tech University and member of the FASS Committee on Animal Care, Use, and Standards.

As part of a national training program, the introductory two-tape video product, *Introduction to the Ag Guide*, will be packaged with a copy of the *Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching*, a CD-ROM of the *Guide*, and a set of examination questions developed for testing viewers of the educational materials.

FASS and the American Registry of Professional Animal Scientists (ARPAS) plan to promote this program to agricultural animal users in research and teaching universities, government laboratories, and industry. The complete package will be priced at $500; certification exams will be scheduled by ARPAS.

The committee will also be developing species-specific educational materials for distribution throughout 2001 and 2002.

*The Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching* (FASS 1999) is recognized by AAALAC as an official "Reference Resource" and as such is used as a standard of quality animal care in its evaluations of animals in agricultural settings. Standards, such as the Ag Guide, developed by the scientific community, are invaluable aids to AAALAC in its mission to promote scientific validity and ensure animal well-being," states Kathryn Bane, associate director of the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC).

For more information, contact Barbara P. Glenn, Executive Vice President-Scientific Liaison, FASS, 9650 Rockville Pike, Bethesda, MD 20814; (301) 571-1875; fax (301) 571-1837; or access the FASS website at http://www.fass.org/.

**Dairy Issues in the News**

**Mad Cow Disease, Genetic Engineering and Food Safety** are subjects of articles in the March-April Issue of the *FDA Consumer* - The titles of the articles are: "Mad cow disease"--A review of what FDA and others are doing to keep this devastating illness out of the United States; Accutane--Though effective against acne, Accutane can cause birth defects and other serious adverse effects. Patient education can reduce the risk; Bioengineering proposals--Under a proposed rule, food producers would be required to consult with FDA before marketing bioengineered foods; Food safety highlights--Proposed rules for unpasteurized fruit juices and an advisory about fish with potentially damaging levels of mercury are part of a recent FDA food safety package; Recent product approvals--FDA OK’d 160 new products in 2000 that advance the prevention, diagnosis and treatment of cancer, diabetes, AIDS and other serious illnesses; Quality of life--A look at how FDA and the drug industry are going beyond disease
treatment and examining how to evaluate quality-of-life claims; Dr. Frances Kelsey--A profile of the FDA physician whose work has been influential in setting the course of modern drug regulation - The issue also has a commentary on the reemergence of thalidomide, a report on the shutdown of a distributor of laetrile products, and the "fda.gov" column, which reviews and previews health-related Websites - A copy of the complete issue of the FDA Consumer is posted at http://www.fda.gov/fdac/201_toc.html

**Washington State Dairy Fined almost $600,000 for Clean Water Act Violations in a Suit brought by a Citizen Group** - According to a story in the February 28 issue of the *Tri-City Herald*, the US District Court for the Eastern District of Washington ruled on February 27, in the Penalty Phase of a suit brought against two Zillah-area, Washington Dairies by the citizen legal action group, the Community Association for Restoration of the Environment, CARE - In a previous suit brought against the dairies by CARE, the court found that the company had violated the Clean Water Act by failing to prevent release of cow manure to the Yakima River and for failing to report violations of discharge limitations - In the penalty phase, according to the news report, the court ordered the dairies to "... pay $171,500 in penalties, $326,166 in attorney fees and $100,138 in court costs." - The article further notes that the judge in the case "... intended the penalties to send a message to the Yakima Valley's dairy industry, which produces about the same amount of waste as Seattle ..." that they should properly report violations of established discharge limitations - A copy of the Tri-City Herald article is posted at: http://www.tricityherald.com/news/2001/0228/Story3.html - Copies of the court's decisions are posted at: Findings of Fact and Conclusion of Law Phase at http://www.waed.uscourts.gov/opinions/98cy3011findings.pdf and the penalty phase at http://www.waed.uscourts.gov/opinions/98cy3011penalty.pdf - **FIEN Comment**: Citizen groups are stepping up their efforts to bring law suits against livestock producers and meat and poultry processors for alleged Clean Water Act violations (see the suit brought against Smithfield Foods by the consumer legal action group The Water Keeper Alliance athttp://www.boston.com/dailynews/060/economy/FARM_SCENE_Coalition_files_fed:.shtml and at http://www_keeper.org) - Companies should takes such suits seriously and seek experienced legal counsel to defend against citizen enforcement actions in which they may become involved.

**Bovine Spongiform Encephalopathy and Variant Creutzfeldt-Jakob Disease** - The January-February Issue of CDC's publication, titled: *Emerging Infectious Diseases* contains an article, titled: "Bovine Spongiform Encephalopathy and Variant Creutzfeldt-Jakob Disease: Background, Evolution, and Current Concerns" - The abstract of the article notes: "The epidemic of bovine spongiform encephalopathy in the United Kingdom, which began in 1986 and has affected nearly 200,000 cattle, is waning to a conclusion, but leaves in its wake an outbreak of human Creutzfeldt-Jakob disease, most probably resulting from the consumption of beef products contaminated by central nervous system tissue. Although averaging only 10-15 cases a year since its first appearance in 1994, its future magnitude and geographic distribution (in countries that have imported infected British cattle or cattle products, or have endogenous BSE) cannot yet be predicted. The possibility that large numbers of apparently healthy persons might be incubating the disease raises concerns about iatrogenic transmissions through instrumentation..."
(surgery and medical diagnostic procedures) and blood and organ donations. Government agencies in many countries continue to implement new measures to minimize this risk." - A copy of the article is posted at: http://www.cdc.gov/ncidod/EID/vol7no1/brown.htm

**Dairy Fun Facts**

**Sports Drinks in the Dairy Case**, *St. Louis District Dairy Council*. If you're looking for a really good sports drink, head for the dairy case. Nancy Clark, a registered dietitian and author of *Nancy’s Clark’s Sports Nutrition Guidebook*, says "Low-fat milk is a perfect beverage of choice to help fuel any physical activity or workout." Milk provides:

- calcium, which not only helps to build strong bones but also regulates muscles, including the heart,
- potassium, which regulates the balance of fluids in the body,
- protein, which helps keep muscles strong and the immune system working, and
- other vitamins and minerals, including riboflavin, vitamin B12, niacin, vitamin A, vitamin D, and phosphorus.

**New FASS Fact Sheets Available**

Seven fact sheets on topics in animal agriculture have been released by the FASS Washington DC office recently. Among the topics of interest to ADSA members are a sheet on "Genetically Modified Crops--Impact on Milk, Meat, and Eggs," one on "Feed and Animal Management for Dairy Cattle," and one on "Effects of Diet and Feeding Management on Nutrient Contents of Manure". To review the statements, please click here.

**Grant and Internship Notices**

**Food and Agricultural Sciences National Needs Graduate Fellowship Grants** - USDA Cooperative State Research, Education, and Extension Service Seeks by July 10 Requests for Proposals (RFP) for Food and Agricultural Sciences National Needs Graduate Fellowship Grants Program for Fiscal Years 2001 and 2002 and for 2001 Supplemental Grants for Special International Study or Thesis/Dissertation Research Travel Allowances from institutions or groups of institutions that confer a doctoral degree in a national need area - Proposals also may be submitted by a research foundation maintained by an eligible college or university - CSREES also is soliciting comments regarding this RFP from any interested party. Such comments will be considered in the development of any future requests for proposals for this program. Such comments will be used in meeting the requirements of section 103(c)(2) of the Agricultural Research, Extension, and Education Reform Act of 1998 (AREERA) - Supplemental Grant proposals to support special international study or thesis/dissertation research for current Fellows must be received by October 1 - CSREES Contact: Dr. Howard Sandberg, Higher Education Programs at (202) 720-2193; e-mail: hsandberg@reeusda.gov - USDA CSREES January 19 Federal Register: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2001_register&docid=01-1492-filed
Ag Biotech Risk Assessment Research Grant Proposals Sought by USDA ARS and CSREES from "... any United States public or private research or educational institution or organization." - In the January 16 Federal Register the ARS and CSREES Jointly announced the "Biotechnology Risk Assessment Research Grants Program (the 'Program') for fiscal year (FY) 2001. Proposals are hereby requested ... for competitive consideration of Biotechnology Risk Assessment Grant awards. .... CSREES also requests comments regarding this request for proposals (RFP) from any interested party. These comments will be considered in the development of the next RFP for this program ... All proposals must be received at USDA on or before March 15 ... User comments are requested within six months from the issuance of this notice" -

USDA notes that "... The purpose of the Program is to assist Federal regulatory agencies in making science-based decisions about the effects of introducing into the environment genetically modified organisms, including plants, microorganisms (including fungi, bacteria, and viruses), arthropods, fish, birds, mammals and other animals excluding humans. Investigations of effects on both managed and natural environments are relevant. ... the anticipated amount available for support of the Program in FY 2001 is $1.5 million. ... Proposals addressing the following topics are requested: 1. Research relevant to assessing the effects of the introduction into the environment of genetically engineered organisms. ... 2. Research on large-scale deployment of genetically engineered organisms, especially commercial uses of such organisms, with special reference to considerations that may not be revealed through small-scale evaluations and tests and may address cumulative effect concerns. ... 3. Research to assess the effects of transgenes in wild relatives of crop species. ... 4. Research to assess the effects of genetically engineered plants with 'stacked' resistance genes or genes that confer broad resistance to insects or diseases. ... 5. Research to develop statistical methodology and quantitative measures of risks associated with field testing of genetically modified organisms. ... 6. The Program will, subject to resource availability, provide partial funding to organize a conference that brings together scientists, regulators, and others to review the science-based data relevant to risk assessment of genetically modified organisms released into the environment. ..."

- USDA Contacts: Dr. Deborah Sheely, Cooperative State Research, Education, and Extension Service at 202 401 1924; e-mail:dsheely@reeusda.gov or Dr. Robert Faust, Agricultural Research Service at 301 504 6918; e-mail: rmf@ars.usda.gov - USDA January 16 Federal Register: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2001_register&docid=01-1018

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (AAAS), PROGRAM ON EUROPE AND CENTRAL ASIA, INTERNATIONAL DIVISION announces WOMEN'S INTERNATIONAL SCIENCE COLLABORATION (WISC) PROGRAM 2001 - 2002

OVERVIEW
The Women’s International Science Collaboration (WISC) Program is funded by the National Science Foundation (NSF) and administered by the Program on Europe and Central Asia of the American Association for the Advancement of Science (AAAS). Because the application rate of women scientists and engineers to the Central and Eastern Europe Program of the Division of International Programs has been disproportionately low, the goal of this Program is to increase the participation of women as PIs and co-PIs in international research projects. This program provides grants to individual US scientists who plan to establish new research partnerships with their colleagues in Central/Eastern Europe (CEE) and the Newly Independent States of the former Soviet Union (NIS).

The grant, up to $4,000, will provide travel and living support for the US woman scientist and, when appropriate, an additional grant of $4,000 to her American male or female co-PI. Each scientist will be responsible for arranging accommodations. The grant does not cover salary or institutional expenses (e.g. overhead). US scientists can spend up to four weeks in the partner country to develop a research program and design. Expenses can also be used to cover material and supplies needed during the stay. Where excess funds exist and with the approval of AAAS administrators, grants funds can also be used to support a second visit to the partner country or for a foreign partner to travel to the US when such a visit is deemed necessary. The grants are not to be used for the sole purpose of attending conferences or workshops or teaching or training. The program will be administered by AAAS. The grantee's home institution will be responsible for overseeing the grantee's adherence to NSF and federal guidelines regarding administration of the grant.

*For full grant details, click here*

**USDA Donation of Excess Research Equipment** - USDA Office of Procurement and Property Management Issues a Final Rule which takes effect on December 21 that amends the Agency's procedures for the donation of excess research equipment for technical and scientific education and research activities to educational institutions and nonprofit organizations - USDA notes that the amendment expands the list of entities eligible to receive such equipment, establishes a priority list for eligible entities seeking transfer of such equipment, and clarifies administrative rules regarding equipment transfer - USDA Contact: Kathy Fay at 202-720-9779 - USDA November 21 Federal Register: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2000_register&docid=00-29783-filed

**USDA Hosted Public Meetings**

**APHIS Meeting Announcement** USDA Animal and Plant Health Inspection Service Announces that the Agency will conduct a public meeting on Tuesday and Wednesday, April 10 and 11, 2001 at the Iowa State Center, Iowa State University in Ames, Iowa - The purpose of the meeting is to provide an opportunity for the exchange of information between APHIS representatives, producers and users of veterinary biological products, and other interested individuals - The Agency is in the process of planning the agenda for the tenth annual meeting and is seeking suggestions for additional meeting topics from the interested public. - Topics that
have been suggested include: (1) Labeling; (2) duration of immunity/efficacy; (3) delivery systems; (4) risk assessment; (5) target animal safety; (6) animal care; and (7) international harmonization - APHIS is inviting individuals to use this meeting to present their ideas and suggestions concerning the licensing, manufacturing, testing, and distribution of veterinary biologics - Meeting Contacts: Dr. Richard Hill, Center for Veterinary Biologics, Veterinary Services, APHIS in Ames, Iowa at (515) 232-5785; fax: (515) 232-7120; e-mail: CVB@usda.gov - For registration information, contact APHIS' Kathy Clark at (515) 232-5785 extension 128; e-mail: Kathryn.K.Clark@usda.gov - APHIS November 20 Federal Register: http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2000_register&docid=00-29614-filed

Professional Meeting Calendar

ADSA/ASAS/PSA/AMSA Joint Annual Meeting: July 24-28, 2001, Indianapolis, IN

Midwestern Branch: March 19-21, 2001, Des Moines, IA
Click here for complete list of ADSA Future Annual Meetings

Ice Cream Technology Conference, March 7 - 9, 2001 Doubletree la Posada Resort, Scottsdale, AZ; phone: 202-737-4332; web site:http://www.idfa.org

University of Maryland Ice Cream Course, March 17-20, 2001, College Park, Maryland; call Dr. Scott Rankin at 301-405-4568 or visit http://ansc.umd.edu/dairyfoods/ICSC1.htm

Dairy Manure Systems: Equipment and Technology Selection, A Conference for Producers and Their Advisors; March 20-22, 2001; Rochester Marriott Thruway Rochester, New York; See our web site WWW.NRAES.ORG for additional information. Or request a brochure by phone (607) 255-7654, fax (607) 254-8770, or E-mail NRAES@CORNELL.EDU

Farmstead Milk Processing Technical Program, March 24, 2001 at the Dutch's Daughter Conference Center in Frederick, Maryland; program will introduce farmers to processing of specialty dairy products; call Dr. Scott Rankin at 301-405-4568 or visit http://ansc.umd.edu/dairyfoods/index.html

National Mastitis Council/Professional Dairy Producers of Wisconsin Joint Conference on Milk Quality, April 9-10, 2001, Marriott-Madison West, Middleton, WI; for additional information, call 800-WIS-PDPW.

Food Safety Summit and Expo, April 17 - 18, 2001 Marriott Wardman Park, Washington, DC; 800-746-9646; web: http://www.foodsafetysummit.com

American Feed Industry Association Expo 2001, May 7-9, Indianapolis, Indiana, USA
http://www.afia.org/Events/Meeting_Programs.html

14th Annual J.R. Brunner Protein Symposium, May 24 - 25, 2001, Michigan State University, Kellogg Hotel and Conference Center, East Lansing, MI phone: Dr. Zeynep Ustunol at 517-355-0285; email: ustunol@pilot.msu.edu

NIZO Dairy Conference on Food Microbes 2001 13-15 June 2001 Ede, The Netherlands website: http://www.elsevier.nl/locate/nizodairy2001 Contact: Sarah Wilkinson, NIZO Dairy Conference Secretariat Elsevier Science, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK Tel: +44-1865-843691 Fax: +44-1865-843958 E-mail: sm.wilkinson@elsevier.co.uk

Yeast Summit, sponsored by Alltech, July 23, 2001, Indianapolis, Indiana. The Yeast Summit is recommended for nutritionists, feed manufacturers, livestock producers, formulators, purchasing agents, and university faculty involved in the production of feeds containing yeast. It will be particularly informative for those involved with high-producing dairy cows, horses, beef feedlot cattle, and pet food. For more information, contact your Alltech representative or Ms. Carol Johnson, Alltech Biotechnology Center, 3031 Catnip Hill Pike, Nicholasville, KY 40356; Tel: 859-887-3328; Fax: 859-887-3256; E-mail: cjohnson@alltech-bio.com.

11th International Conference on Production Diseases in Farm Animals (11th ICPD ), August 12-16, Copenhagen, Denmark http://www.11icpd.kvl.dk/

ADDRESSING ANIMAL PRODUCTION/ENVIRONMENTAL ISSUES: AN INTERNATIONAL SYMPOSIUM" October 3-5, 2001; Sheraton Imperial Hotel, Research Triangle Park, NC

This Symposium will involve several tracks as follows:

1. papers related to key issues being addressed by the National Center for Manure and Animal Waste Management;
2. papers related to issues of animal production and environmental issues not included in the Center program;
3. papers presenting the perspectives of the animal industries;
4. papers related specifically to issues of the Southeastern United States;
5. posters on all of the above in addition to presentations;
6. workshops and tours.

The official call for papers and/or posters will be sent very soon, but this is a prenotice. The information on format for papers, registration and other arrangements will be found on our website when posted: www.cals.ncsu.edu/waste.mgt/
Please direct any questions or submit potential paper topics to:
Dr. Leonard S. Bull, Program Chairperson
Associate Director
Animal and Poultry Waste Management Center
Box 7608
North Carolina State University
Raleigh, NC 27695-7608
919-515-6836/919-513-1762 (FAX)


**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.