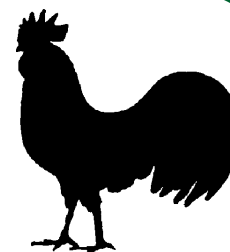


# PSA Newsletter



Volume 28

Number 3

July 2004

## From Your President

**ANTHONY PESCATORE**  
PSA President



As you receive this newsletter, it will be time for the annual meeting of the Poultry Science Association (PSA). The annual meeting and

our 2 journals are the cornerstone of our organization. PSA is in the business of information dissemination. Our legacy and our future are the timely distribution of information generated by our members and peer reviewed by our editorial boards and program chairs. PSA is not a static organization; it has evolved over the years to meet the needs of our members and the science of poultry.

There are many challenges facing our organization and our membership. This coming year the PSA Board will begin a process of strategic planning for our future. By now a cold shiver has gone down your spine; unlike many of your own experiences in your department or company, strategic planning can work for PSA because our members are empowered with decision-making authority. The success of this strategic planning process lies with our membership. In the very near future, the PSA Board will be soliciting information from you. A survey of our membership will be conducted during the annual meeting. For those of you who will not be attending the meeting the survey will be distributed through other means. The PSA Board needs to know what you value in the organization and what the future needs of our membership are.

During the annual meeting, a very important constitutional amendment will be discussed and voted on by our membership: the merger of the

WPSA-USA and PSA. I encourage you to attend the PSA Business Meeting on Tuesday afternoon. The WPSA-USA membership voted overwhelmingly in favor of the merger, and I hope that our membership votes in a similar fashion. The merger has many benefits, including an increased international presence of PSA and greater operational efficiencies for both organizations.

This will be the second joint meeting with the American Society of Animal Scientists and the American Dairy Science Association. The joint program is strong. Although it is important that PSA maintains a separate identity and annual meeting, the occasional joint meeting gives a new opportunity to address challenges facing agriculture. I would like to thank **John Carey** and **Scotti Hester** for their efforts as program co-chairs and representing PSA interests in this joint program. The section chairs and symposium organizers did an outstanding job in developing the program. I am encouraged by the number of student presentations

*(continued pg 2)*

## Inside this Issue

<b>From Your President .....</b>	<b>1</b>
<b>From Your Executive Director .....</b>	<b>2</b>
<b>Nominating Committee Report .....</b>	<b>3</b>
<b>WPSA News .....</b>	<b>7</b>
<b>News &amp; Notes .....</b>	<b>8</b>
<b>Coming Events .....</b>	<b>12</b>

### NEWSLETTER

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(continued from pg 1)

that will be presented at this meeting. This base of students will be the foundation on which the future of PSA is built.

The PSA Foundation was created last year, and under the leadership of a strong Foundation Board it will continue to grow. This Foundation gives PSA increased latitude in addressing its future needs. I encourage you to visit the Foundation's website ([www.poultryscience.org/foundation.asp](http://www.poultryscience.org/foundation.asp)) and to communicate your ideas to the Foundation Board.

Historically, the strength of PSA has been its members and their willingness to volunteer for the tasks at hand. The future of PSA will also depend on its members, and I encourage all members to take an active role in shaping the future of this organization.

## Future PSA Annual Meeting Locations

- 2004 ..... St. Louis, Missouri  
(joint with ASAS and ADSA)
- 2005 (July 31–Aug 3) ... Auburn University
- 2006 ..... Edmonton, Canada

## From Your Executive Director

**JAMES KESSLER**  
PSA Executive Director



Dear PSA Members,  
A few items for your information:

The survey from last year's meeting has been reviewed with the staff, and some

changes have been implemented as suggested. A PSA open reception for all PSA members and guests will be held as a social gathering from 5:30 to 6:30 PM immediately prior to the opening session, and a PSA hospitality suite will be open to members and their registered guests for the duration of the meeting. Registration costs were not increased, and an early registration fee was offered to all society members. Details will be forthcoming.

**John Carey** and **Scotti Hester** have worked diligently to assure that the program and meeting room assignments will also follow some of the recommendations noted in the survey. They deserve a tremendous "Thank You" from all of us for their concerted effort on behalf of PSA this year. The symposia and awards chairs and their respective committees as well deserve

a resounding "Thank You" for their efforts in making this meeting a success. For details on the PSA symposia and oral and poster presentations please visit the joint meeting website ([www.fass.org/2004/](http://www.fass.org/2004/)). And for those of you who want to plan your schedule ahead of arriving in St. Louis visit the "My Program" option on the meeting site website.

I have been working with the PSA Finance Committee to review the PSA investment portfolio after visiting with the Morgan Stanley and Stifel Nicolaus investment groups last December and again in March. Since that initial meeting, we have made some changes in the way in which the investment funds are maintained, and the distribution of those investments is based on the recommendations of the financial account managers and the PSA Finance Committee. The secretary-treasurer will provide an overview at the PSA business meeting, and so I urge and invite you all to attend.

The PSA Foundation Board is scheduled to convene in St. Louis to review the progress made by the group to date. Documents received from **Melda H. Bassett** (Development Officer with the University of Florida Foundation Office, who visited with the board in January) will provide a template for generating Board of Director Job Descriptions, Policies and Procedures, etc. So the Foundation Board will have a number of issues to address while convening during the Annual Meeting.

(continued pg 3)

	<p><b>President</b> Anthony J. Pescatore University of Kentucky 604 W. P. Garrigus Bldg. Lexington, KY 40546 859/257-7529 FAX 859/323-1027 apescato@uky.edu</p>	<p><b>Secretary-Treasurer</b> Michael Wineland North Carolina State University Dept. of Poultry Science 240 Scott Hall Raleigh, NC 27695 919/515-5529 FAX 919/515-7070 mike_wineland@ncsu.edu</p>	<p><b>Executive Director</b> Jim Kessler 36004 Cortona Court Murrieta, CA 92562 909/677-0069 FAX 909/677-2420 jamesk@assoqch.org</p>			
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	<p><b>Second Vice President</b> S. F. Bilgili Auburn University Dept. of Poultry Science 252 Upchurch Hall Auburn, AL 36849 334/844-2612 FAX 334/844-2641 sfbilgili@acesag.auburn.edu</p>	<p><b>Business Office</b> 1111 N. Dunlap Ave. Savoy, IL 61874 217/356-3182 FAX 217/398-4119</p>	<p>Ann Donoghue USDA Center of Excellence for Poultry Science POSC O-303 Fayetteville, AR 72701 479/575-2413 FAX 479/575-4202 donoghue@uark.edu</p>	<p>Billy M. Hargis University of Arkansas Dept. of Poultry Science POSC O-308, 1260 Maple Fayetteville, AR 72701 501/575-4390 FAX 501/575-8490 bhargis@uark.edu</p>	<p>Michael O. Smith University of Tennessee Dept. of Animal Science Box 1071 Knoxville, TN 37901 865/974-7254 FAX 865/974-9043 mosmith@utk.edu</p>	

(continued from pg 2)

I would also like to take this opportunity to thank our industry meeting and award sponsors for their continued support of PSA and to encourage you to let them know how much we appreciate it! There will be a general meeting banner that denotes all joint meeting sponsors, and those companies that pledged funds specifically to PSA will be noted on a banner displayed during the PSA banquet.

Have a safe trip to St. Louis in July—looking forward to seeing you!  
Jwk

## Nominating Committee Report

SUBMITTED BY MARY M. BECK, CHAIR

The PSA Nominating Committee met by conference call on April 9, 2004, to select a slate of candidates from among the names suggested by members of PSA as well as by members of the Committee. The Committee thanks those of you—and there were many—who took the time to submit names of colleagues for us to consider. The following slate was approved by the Board of Directors and will be voted on at the Business Meeting in St. Louis in July:

President: Scotti Hester, Purdue University

1st Vice President: Sarge Bilgili, Auburn University

2nd Vice President: Drew Giesen, Novus International

2nd Vice President: Wayne Kuenzel, University of Arkansas

Secretary-Treasurer: Mike Wineland, NC State University

Director #1: Frank Robinson, University of Alberta

Director #1: Fred Silversides, Agriculture and Agri-Food Canada

Director #2: Robert Taylor, Jr., University of New Hampshire

Director #2: Jeanna Wilson, University of Georgia

The candidate bios follow this report. Again, we thank you for your continued interest and involvement in this important process!

## Candidate Bios

### President: Patricia "Scotti" Hester, Purdue University

Patricia (Scotti) Hester, Professor of Animal Sciences, has been a member of the Purdue University faculty since December 1976. Her 80% research appointment has centered on leg abnormalities with a recent interest in osteoporosis. She currently teaches avian physiology to upperclassmen and graduate students and also assists with the avian physiology course taught at the Midwest Poultry Consortium at the University of Wisconsin. Her B.S. in poultry science and Ph.D. in poultry physiology are from North Carolina State University. She has been a member of the PSA since 1977.

As a recipient of a Nicholas Fellowship sponsored by Cuddy Farms, she spent a 6-month sabbatical in Strathroy, Ontario, in 1987. Additional professional memberships include the World's Poultry Science Association (current director on the Board), CAST, Gamma Sigma Delta, and Phi Kappa Phi.

Previous services to the PSA include the Membership (4 years), Constitution (3 years), Resolution (2 years), Careers (2 years), Finance (5 years), Poultry Welfare Research Award (2 years), Merck Achievement Award (1 year), and Student Research Manuscript Award (2 years) Committees, serving as chair to 5 of these committees. She has served 3 terms as associate editor of *Poultry Science*, and served on the review board of *Journal of Applied Poultry Research*. She helped organize the scientific sessions of the 1980 PSA meetings while hosting the meeting on Purdue's campus as well as the physiology section of the 1983 PSA meeting. She is program co-chair of the scientific sessions of PSA for 2004 in St. Louis. She has judged graduate student competition at several meetings. Hester served as secretary-treasurer of PSA for 3 years (1991-1994) and board director of PSA for 2 years (1994-1996). She served as second vice president in 2003 and is currently first vice president of PSA.

### 1st Vice President: Sarge "Sarge" Bilgili, Auburn University

Sarge Bilgili received a D.V.M. degree in 1977 from Ankara University, Turkey. He completed an M.S. degree in 1981 at Oregon State University and a Ph.D. degree in 1984 at Auburn University, Alabama. Bilgili joined the Department of Poultry Science at Auburn University in 1985 as an assistant professor and extension poultry processing specialist in 1985, later attaining the ranks of associate professor and professor in 1991 and 1996, respectively. Bilgili's academic work on poultry product quality and wholesomeness has received much recognition, including the Sigma Xi Research Award (1985) from Auburn University, Distinguished Service Award (1992), a Plaque of Appreciation (1995) from the Alabama Poultry and Egg Association, Broiler Research Award (1996) and Extension Award (2000) from PSA, and Education Award (2000) from the World's Poultry Science Association.

Bilgili has been a member of PSA since 1980 and has served PSA as follows: *Poultry Science* editorial board (1992-1998), graduate student research presentation evaluator, session chair for posters (1988) and processing and products (1991 and 1994), and general program chair (1996). He also served as a member and chair of the Continental Grain Company Poultry

(continued pg 4)

### Thank You to Our Foundation Donors

George H. Arscott  
James A. Arthur  
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J. Sing  
David C. Snetsinger  
Ralph H. Stonerock

(continued from pg 3)

Products Award (1991-1995) and Broiler Research Award (1999-2002). He has been active with the USA-Branch of the WPSA since 1984, serving on the Youth Committee (1995) and Travel Awards Committee (2001). He has been an active member of the Southern Poultry Science Society, serving in many capacities, including as president in 2002. Bilgili has also served as a member of the PSA Board of Directors (1997-2001) and the editorial board (1990-2000) of the *Journal of Applied Poultry Research* (JAPR; 1990-2000). He was the subject editor for the meat bird processing and products section of JAPR (2001-2002), member of the Scientific Committee, 2004 World's Poultry Congress; and chair of the National Chicken Council Animal Welfare Scientific Advisory Committee.

### **2nd Vice President: Andrew F. Giesen, Novus International**

A Louisiana native, Drew Giesen was raised in the Florida panhandle and earned a B.S. in animal and dairy science from Auburn University in 1975. Enlightened to the innumerable advantages of avian vs. bovine species as a reproductive research model, he commenced his poultry career in 1976, earning an M.S. in 1979 and a Ph.D. in 1982, both at Auburn. After a cooperative USDA appointment with the Beltsville Avian Physiology Laboratory, Giesen joined the Nutrition Chemicals Division of Monsanto Company and is now employed by its successor, Novus International, Inc. Giesen has enjoyed challenging assignments in research, product development, technical service, and sales and marketing, where his current charge is defining species-specific new business opportunities. A member of PSA since 1977, he has served on the Publications, Long-Range Planning, AFIA Research Award, and Industry Committees; as a member of the Board of Directors; as associate editor of *Poultry Science*; and on the review board of *Journal of Applied Poultry Research*. Currently finishing a term as vice president of

the World's Poultry Science Association-USA Branch, he has actively supported consolidation with the PSA. Giesen is also a member of ARPAS, an ACAN Charter Diplomate, and past president of the Southern Poultry Science Society.

### **2nd Vice President: Wayne J. Kuenzel, University of Arkansas**

Wayne J. Kuenzel received his Ph.D. degree in 1969 from the University of Georgia. He then served in the military for 2 years in the Medical Service Corps, U.S. Army, Ft. Sam Houston, TX, where he was an instructor of human anatomy and physiology and Chief of the Basic Sciences Branch. He received a National Institutes of Health Postdoctoral Fellowship (1971-1973) and studied neuroendocrinology with Ari van Tienhoven at Cornell University. Kuenzel then spent a third year at Cornell as a research associate in poultry nutrition working with Malden Nesheim. Kuenzel's academic career began at the University of Maryland (UM) in 1974 as an Assistant Professor of Avian Physiology in the Department of Poultry Science. He later attained the ranks of Associate Professor and Professor in 1978 and 1984, respectively. He has made sabbaticals to Europe, first at the Roslin Institute in Edinburgh (1981-1982), then at Justus Liebig University Medical School in Giessen, Germany (1988-1989), and then at the Institute of Animal Science and Behavior in Celle, Germany (1996-97). Two of the sabbatical leaves were supported by Fulbright Senior Research Fellowships. In 2000 he joined the Department of Poultry Science at the University of Arkansas in Fayetteville as a Professor of Neuroscience. He has received a UM Alumni Association Award in Research (1983), PSA Purina Mills Teaching Award (1988), PSA Merck Research Award (1998), UM Chapter Gamma Sigma Delta Research Award (1999), and UM Sigma Xi Research Award (2000). Kuenzel has been a member of PSA since 1972 and has served the society as follows: *Poultry Science* editorial board (1978-1985), organized 2 symposia held at annual PSA meetings

(1984, 1988), member (1978-1980) and chair (1980-1981) Poultry Science Research Award Committee, judge of graduate student papers and posters at several PSA meetings, section chair for physiology at PSA annual meetings, member (1988-91) and chair (1991-92) of the Purina Award Committee, Animal Care and Use Committee (1997-2000), member (1999-2002) and chair (2002-2003) of the Merck Award Committee, and PSA Board of Directors (2000-2002).

### **Secretary-Treasurer: Michael J. Wineland, North Carolina State University**

A native of Wisconsin, Michael Wineland received his degrees from the University of Wisconsin-Madison (UW) (B.S., 1968; M.S., 1973; and Ph.D., 1980). He began his career as an instructor at UW (1974-1979). Wineland was the poultry extension specialist at West Virginia University (1980-1983) and is currently professor and extension specialist at North Carolina State University (1983 to present). He is trained as a physiologist with primary interests in the broiler breeder and hatchery industry, where he develops and organizes educational programs, and in the past has developed applied research programs in the area of lighting and mechanical nesting for broiler breeders. Wineland's emphasis for the past 7 years has been in the development of extension educational programs in hatchery management and in examining the effects of temperature, humidity, and gas partial pressures (oxygen and carbon dioxide) on the developing embryo and subsequent hatchling performance. Wineland is a member of the team teaching a breeder and hatchery management class hosted by the Midwest Consortium at UW every summer. He received the US Department of Energy Award for Energy Innovation in 1986 and the Charles Brickhouse Award (NCSU Alumni Association) for Career Development for Extension in 1997. His service to PSA has been as chair or member (1985-1988) of the Committee on Environmental Quality, member

(continued pg 5)

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(1992-1994); Long-Range Planning Committee, chair or member (1990-1993); Extension Committee, chair or member (1991-1994 and 1997-1998); Pfizer Extension Award Committee; and section chair for environment and management annual meeting, Montreal Canada.

### **Director #1: Frank Robinson, University of Alberta**

A native of Saskatchewan, Frank Robinson holds a B.S. (University of Saskatchewan, 1979), an M.S. (Virginia Tech, 1981), and a Ph.D. in animal reproduction (University of Guelph, 1986). He joined the faculty of the University of Alberta (UA) in 1986 and is professor of poultry production and physiology in the Department of Agricultural, Food and Nutritional Science. Since 2002 he has served as associate chair (Academic and Student Affairs), is the director of the Alberta poultry research centre, and has served on many university committees. Robinson's research interests are based on gaining better understanding of mechanisms of reproductive inefficiency in poultry, particularly meat-type chickens. He has made over 200 presentations to the poultry industry provincially, nationally, and internationally. He has a strong commitment to undergraduate teaching and has supervised 21 graduate students. He has served on the editorial boards of *Poultry Science* and *Canadian Journal of Animal Science* and the review board of *Journal of Applied Poultry Research*. He was a PSA director from 1995-1997, was program chair for the 2003 PSA meeting in Wisconsin, and has served on several PSA committees. Robinson was a key player in the 1995 PSA meeting held in Edmonton and will be active in the 2006 meeting there. He has been awarded the CSAS Young Scientist Award (1993), PSA Purina Mill Teaching Award (1995), NACTA Teaching Award (1996), UA Louis D. Hyndman Sr. Award for improving animal care in a research setting (1999), UA Rutherford Award for Excellence in Undergraduate Teaching, and 11 addi-

tional UA teaching awards. Along with the UA poultry group (coop of 7), he was awarded the UA Unit Teaching Award (2000), the Growing Alberta—Youth Leadership Award (2002), and the Ed and Peggy Tyrchniewicz Award for Innovation in Teaching (2002) and was nominated for the 2004 WPSA Education Award.

### **Director #1: Fred Silversides, Agriculture and Agri-Food Canada**

Fred Silversides holds an M.S. from the University of Massachusetts and a Ph.D. from the University of Saskatchewan. After a year working at INRA in France, he took a faculty position at Université Laval in Quebec City in 1990. In 1996, he left Laval to work as a consultant, and in 2000 began working for Agriculture and Agri-Food Canada (AAFC) stationed at the Nova Scotia Agricultural College (NSAC). He is currently at the Pacific Agri-Food Research Centre in Agassiz, British Columbia. He is the author or co-author of over 40 peer-reviewed scientific publications and over 70 other publications or presentations. Silversides has been the research director of 1 Ph.D. and 5 M.S. students and has served on 15 graduate committees. He has taught at the diploma, undergraduate, and graduate levels at the University of Massachusetts, University of Saskatchewan, Université Laval, University of Prince Edward Island, NSAC, and the University of British Columbia. Silversides has received research funding from the poultry industry and from provincial and federal governments. He has reviewed articles for 3 scientific journals, was an associate editor for *Poultry Science* for 6 years, and is currently an associate editor for the *Canadian Journal of Animal Science*. He has been a member of provincial research grant evaluation committees and has reviewed grant applications for several organizations. Silversides was a section chair at the 1996 and 2003 PSA meetings. He received the American Egg Board Research Award in 1995 and served on the American Egg Board Technical Committee for 5 years. He was a member of the Board of Directors of

the Atlantic Poultry Research Institute and served on the Comité Avicole of the Conseil de Production Animale de Québec. He is currently on the AIC Journals Policy Subcommittee, the Scientific Advisory Committee for the Canadian Poultry Research Council, the Expert Committee for Farm Animal Welfare and Behavior, and the Farm Animal Subcommittee of the Canadian Council of Animal Care. He was recently appointed to lead the new Livestock and Poultry Germplasm Centre to be established as a partnership between AAFC, Canada's universities, and the animal industries. He is a member of the World's Poultry Science Association (currently president of Canada Branch), PSA, and the Canadian Society of Animal Science.

### **Director #2: Robert Taylor, Jr., University of New Hampshire**

Robert L. Taylor, Jr. is a native of Virginia. He earned a B.A. from Carson-Newman College (1975), an M.S. from Auburn University (1978), and a Ph.D. from Mississippi State University (1981). Bob joined the University of New Hampshire in 1984 where he is a professor in animal and nutritional sciences as well as in the university genetics program. The major histocompatibility complex and other genetic effects on immune responses are his research focus. He teaches human genetics as well as immunology. He holds memberships in the PSA, American Association of Immunologists, Gamma Sigma Delta, Society for Experimental Biology and Medicine, Sigma Xi, and World's Poultry Science Association. His service to PSA has included the Research Committee (1985-1988), *Poultry Science* editorial board (1988-1995), Graduate Student Research Manuscript Award Committee (1989-1992), the Ad hoc Committee on *Poultry Science* (1990-1992), and the Ad hoc Committee on poultry genetic stocks (2004-present). Taylor has been active in the PSA annual meeting as chair of the avian immunology workshop (1986), immunology program chair (1988, 2004), co-chair of

(continued pg 6)

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the avian immunology mini-symposium (1992), eight-time graduate student evaluator, general program chair (1996), and co-chair of the Ancillary Scientists Symposium (2003). Interest in genetic resource preservation led to appointments as co-chair, Avian Genetic Resources Task Force (1995-1999), and the National Animal Germplasm Program Poultry Committee (2000-present) where he is the current chair. He directed the 3 successful 5-year revisions for the multistate project, Genetic Bases for Resistance and Immunity to Avian Diseases. At his university, he has been a graduate school faculty fellow (1993-1994) and serves currently on the Institutional Animal Care and Use Committee plus the NH Agricultural Experiment Station Project Review Committee. He was selected to participate in the National Association of State Universities and Land-Grant Colleges Leadership Conference (2002) and the

ESCOPE/ACOP National Leadership Development Program (2004).

### **Director #2: Jeanna L. Wilson, University of Georgia**

A native of southwestern Virginia, Jeanna Wilson received a B.S. in poultry science (1980) and M.S. in broiler management (1982) from Virginia Tech and a Ph.D. in avian physiology from Auburn University (1987). She has been at the University of Georgia since 1988 in primarily an extension position. Over the years her position has broadened to include 25% applied research and 6.4% teaching. In her extension program at the university, Jeanna has assisted broiler breeder managers with rooster management programs that have increased flock fertility while progeny breast meat yields have continued to increase making successful natural mating more difficult. Her applied research program has highlighted feed restriction methods to encourage good mating activity and semen quality of broiler

breeder roosters. Her teaching efforts include team teaching an advanced breeder and hatchery management course to seniors, advising undergraduate students, and mentoring graduate students.

Wilson has co-authored more than 140 peer-reviewed manuscripts and abstracts and has published more than 70 extension and trade journal articles. In addition her extension role has provided the opportunity to speak at more than 150 national, international, state, and regional meetings. She has been a member of PSA and World's Poultry Science since 1980. Wilson has served PSA as session chair and graduate student evaluator at many of the annual meetings. Her committee work includes member and chair of the PSA Membership Committee and member of the Helene Cecil Leadership Award Committee. She has served as a subject editor for *Journal of Applied Poultry Research* (1995-2001) and as an associate editor for *Poultry Science* (1999-2000).

## **PSA Informal Nutrition Conference**

### **Digestive Physiology, Metabolic Challenges and Nutritional Opportunities**

#### **"In Honor of our Great Academic Advisors and Life Mentors"**

Sunday, July 25, 2004

Chair: Mamduh Sifri, ADM Animal Health & Nutrition

Room: 131

Time	
1:00 PM	The Advisor and The Mentor - Their Long Term Impact on the Students. Mamduh Sifri, ADM Animal Health & Nutrition
1:15 PM	Comparative Digestive Systems, Metabolic Challenges and Potential Opportunities - An Overview. Kirk C. Klasing, University of California, U.S.A.
2:00 PM	Digestive, Functional and Adaptation of the Digestive Tract to Nutritional Changes. Zehava Uni, Hebrew University, Israel
2:25 PM	Development of Defense Mechanisms in the Gastrointestinal tract of the Chicken. David J. Sklan, Hebrew University, Israel
3:10 PM	Digestive Physiology and Metabolic Characteristics Unique to Dogs and Cats. George C. Fahey, University of Illinois, U.S.A.
3:45 PM	Comparative Gut Microflora, Metabolic Challenges and Potential Opportunities. Juha Apajalahti, Alimetrics, Helsinki, Finland
4:25 PM	Discussions, Conclusions, Messages and Recommendations. Walter G. Bottje, University of Arkansas, U.S.A. and Wilhelm Guenter, University of Manitoba, Canada
5:00 PM	Adjourn; Celebrate Those Who Guided Us During Our Journey



# WPSA: Your International Connection

## USA Branch Information

As I develop this article for the PSA Newsletter, the Istanbul World Poultry Congress is fast approaching. The USA Branch will be represented by about 20 of its members, 7 of whom will serve as Councilors, at the WPSA Council Meeting to be held on June 11. The Councilors will elect a new set of officers from among the candidate list provided to you in the April issue of the Newsletter. They will also approve the location and venue for the 2012 World's Poultry Congress.

As our USA Branch members are aware, the membership voted overwhelmingly (128 to 4) earlier this spring to pursue merging the USA Branch with PSA. A vote on that merger by the PSA membership will take place at the PSA Business Meeting in St. Louis, MO, on July 27.

Regardless of the fact that the above merger may take place, as was recently communicated to all USA Branch members, the USA Branch By-Laws required that we hold an election for president, vice president, and 4 new Board members during May-June of the year of the World Congress. Thus, a nominating committee headed by vice President **Drew Giesen** developed a list of candidates for the various offices, and ballots were sent out to all members on May 5, 2004. The results of the election are provided below.

President: **Nick Dale**, University of Georgia; Vice President: **Bob Buresh**, Tyson Foods; Director: **Paul Aho**, Poultry Perspectives; Director: **John Carey**, Texas A&M University; Director: **John Blake**, Auburn University; and Director: **Nick Zimmerman**, University of Maryland. Our sincere thanks go out to each of the above individuals and to **Mike Denbow**,

**Barry Kelly, Frank Edens, and Teresa Morishita** for allowing their names to be put forward for this election.

If for any reason the merger does not take place, then the above individuals will begin serving as the officers and incoming Board members as of January 1, 2005, along with current board members **Nick Dale, Paul Twining, Mamduh Sifri, and Bob Elkin**, whose terms run through 2006. If the merger does take place, as was pointed out in information sent out with the ballot, then the president and vice president you elected (Dale and Buresh) will serve in that capacity for the USA Branch for the next 4 years on the new standing committee of PSA for WPSA. The 2 individuals who received the most votes for election to the Board (Aho and Carey) will also serve on that committee for the next 4 years. Two of the continuing members of the Board will then be appointed by the president of PSA to fill the other 2 slots of the committee and serve through 2006.

## WPSA Lecturer for the Joint ASAS, ADSA and PSA Meeting that will be held in St. Louis, MO, July 27, 2004

The USA and Canadian Branches will again sponsor the annual WPSA lecture during the PSA Annual Meeting in St. Louis, MO. The lecture will be held at 1:00 p.m. just before the PSA Business Meeting and will feature **Michael Doyle**, Director of the Center for Food Safety at the University of Georgia. Doyle's topic will be "Reducing the carriage of foodborne pathogens by livestock and poultry."

## Message from The President of WPSA: WPSA Site Inspection Team visits Brazil

Brazil is the only country that submitted a firm bid to host the 2012 World's Poultry Congress. Having narrowly lost the vote for the 2008 Congress to Brisbane, Australia, Brazil submitted a revised bid to host in 2012. In May 2004, the site inspection team, consisting of WPSA President **Peter Hunton**, Secretary **Piet Simons**, and Vice President **Colin Fisher**, spent a week in Brazil and 4 days in the proposed host city, Salvador.

The Brazil Branch of WPSA has, in the past 4 years, undergone a significant renaissance. Under the guidance of Branch President **Edir N. Silva** and Secretary **Liuz Sesti**, membership has grown to over 200. The Branch is associated with FACTA, a not-for-profit foundation that organizes an annual technical symposium drawing an audience of almost 1,000 delegates.

The team attended the symposium, and Hunton and Fisher presented papers. This year's meeting was held in the port city of Santos, east of Sao Paulo. An impressive program was well attended, and the enthusiasm of the Brazilians for this type of meeting was easy to feel and gratifying for speakers and organizers alike.

The convention center is about 20 minutes by car from the downtown area, close to the beach, and has some hotels adjacent to it. The center itself provides ~17,000 m<sup>2</sup> of exhibition space and a range of meeting

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rooms (the largest with a capacity of 2,000 people) that can easily accommodate a World's Poultry Congress. The center is 20 years old and is well experienced with meetings of this type. A dedicated staff is available to organize room orientation, sizing, etc. Of equal importance is the existence of the WPSA Branch and FACTA, which have demonstrated great organizational and administrative skill and have a close relationship with Poultry Union of Brazil (UBA). Together these organizations have the skills and experience to plan and mount an excellent congress. Granting the 2012 Congress to Brazil is subject to ratification by the Council of WPSA, which meets in Istanbul in June.

### Membership

If you haven't already done so, please renew your WPSA membership for calendar year 2004. Those who had not renewed were purged from the membership role in mid-February. We would be happy to reinstate anyone who failed to pay their dues, or add new members to

the organization. We especially encourage new and continuing graduate students to join WPSA. Membership for graduate students is \$10 and for regular members is \$35. All members receive copies of the *World's Poultry Science Journal* and become eligible for USA Branch travel awards for international meetings. Inquiries about membership should be sent to the secretary-treasurer (Carm\_Parhurst@ncsu.edu) of the USA Branch.

### Website for WPSA

Be sure to visit the worldwide WPSA website (<http://www.wpsa.com/wpsa2/>). This site has information on the WPSA worldwide's membership, branches, a calendar of events, the federation of WPSA, the WPSA journal, and the WPSA newsletter. A page with links to other important websites related to education, science and the poultry industry is currently under construction. Branch news information and information about all WPSA sponsored symposia and other meetings can be sent to the webmaster (piebebv@xs4all.nl) for publication on the website.

## Thank you to our Individual Sustaining Members

### Gold (\$100)

Mary Beck  
J. James Bitgood  
Mark Cook  
Bruce Glick  
Harlan W. Hochstetler  
Eddie Loyd  
Walther H. Ott  
William Saylor  
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Michael S. Lilburn  
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## PSA Headquarters Directory

**Mary Swenson**, PSA Administrative Assistant (marys@assoqh.org): Board liaison; membership renewal and other accounts payable for PSA; address, e-mail, and phone changes; PSA annual awards program; annual meeting registration; membership directory; journal subscriptions and claims; and general PSA questions

**Susan Pollock**, Managing Editor of *Poultry Science*, *PSA Newsletter*, and *Journal of Applied Poultry Research* (susanp@assoqh.org): general journal questions, newsletter submissions

**Jeremy Holzner**, Editorial Administrative Assistant (jeremyh@assoqh.org): manuscript submission and status and reprint orders

**Lisa Sprinkle**, PSA Annual Meeting Coordinator (lisas@assoqh.org): annual meeting program, special events, food and beverage events, audio-visual, exhibiting opportunities, local information, housing, and general meeting questions

**Jim Kessler**, PSA Executive Director (jamesk@assoqh.org)

**Debi Seymour**, Liaison (debis@assoqh.org)

## News & Notes

### Arkansas

#### University of Arkansas Poultry Science Department Raises over \$20,000 with Golf Tournament

Twenty-eight teams enjoyed a day of golf and raised over \$20,000 for poultry science scholarships at the University of Arkansas during the Fifth Annual Poultry Science Scholarship Golf Tournament, held April 27 at the Valley View Golf and Country Club in Farmington, AR.

First place winners in the morning flight were **Ted Burnett, Larry**

(continued pg 9)

(continued from pg 8)

**Butler, Sean Davison, and Perry Webb** of Food Processing Equipment Company (FPEC), with a score of 57. Second place winners in flight one were **Gerald Barrett, Steve Bartlett, Wayne Britt, and Glenn Canup** of 4-State Poultry Supply, with a score of 60. Third place in flight one went to **Bill Brunner, Gerald Jones, Rob Wilson, and Windell Wood** of Jones Motorcars, with a score of 61. **Warren Carter** of the Farm Bureau took home a prize for closest to the pin on hole 16; **Windell Wood** won an award for having the longest drive on hole 9 and **Glenn Canup** took first place in the morning putting contest.

First place winners in the afternoon flight were **Mark Cook, Mark Cox, Steve Dixon, and Mark Meyers** of Aerotech, with a score of 59. Second place winners were **Jody Edwards, Butch Gladden, John Gladden, and Doug Quillen** of Twin Rivers Group, with a score of 60. Third place winners were **Vic Smith, Mark Sullivan, Syd Tatum, and Ben Thompson** of Alpha, also with a score of 60. (Ties were broken with a scorecard playoff.) Closest to the pin was **Syd Tatum**, longest drive winner was **Stan Barnhill** of Barnhill Poultry, and the afternoon putting contest winner was **Rick Barrows** of MultiCraft Contractors.

Major sponsors for the tournament were Alternative Design, FPEC, O.K. Industries, Safe Foods, Corp., and Zero Mountain. Jones Motorcars of Fayetteville provided the car for the hole-in-one prize, Harps Food Stores provided snacks and the Arkansas Farm Bureau donated the items in the goodie bags passed out to participants.

The following companies participated in the tournament: 4-State Poultry Supply, Aerotech, Ag Forte, Alpha (2 teams), Alternative Design (2 teams), Aviagen, Barnhill Poultry, Cobb-Vantress, Chorettime, CTB, Inc., Farm Credit of Western Arkansas, First Financial Bank, FPEC, Farm Bureau, General Chemical, Hubbard Farms, Intervet, Jones Motorcars, Multi Craft Contractors, POSC Emeritus Fac-

ulty, POSC Feedmill, RCDC, Saeplast, Safe Foods, Schering-Plough, and Twin Rivers Group. The following companies donated money, but did not send participants: Adisseo, O.K. Foods, United Feeds, and Zero Mountain.

Last year, the Poultry Science Department provided more than \$120,000 in scholarship money to their students.

UA Poultry Students Capture Third Place in the US Poultry Judging Contest

The University of Arkansas Department of Poultry Science judging team took third place at the 57th Annual U.S. Poultry and Egg Association National Poultry Judging Contest April 1–2 at Louisiana State University.

Team scores and individual scores were tabulated, and listed are the top 3 teams from the contest: North Carolina State University took first place; Texas A&M University ranked second; and the UA, captured third. Members of the UA team included **Dustin Biery**, a sophomore from Edmond, OK; **Drew Parker**, a senior from Lonoke; **Neda Tilley**, a freshman from Leslie; and **Cody Turner**, a freshman from Mountainburg. In the category of high-score individual, Tilley received seventh, Parker received ninth, and Biery received 14th place overall. As a whole, the UA students took first place in production, fourth place in breed selection, and fifth place in market products.

The judging coach for the UA team was **Jason Emmert**, associate professor in poultry science. Assistant coaches were **Britney Jackson** and **LeAnn Layman**, who are both members of previous judging teams and students in the poultry science department.

"I want to congratulate the team," said Emmert. "It was a tough competition and these students really worked hard and prepared themselves for the event. It's amazing that 3 of the 4 students on the UA team had no previous poultry judging experience."

The 10 teams participating in the contest were: Louisiana State Uni-

versity, Mississippi State University, North Carolina State University, The Ohio State University, Oklahoma State University, Pennsylvania State University, Texas A&M University, the University of Arkansas, the University of Wisconsin–River Falls, and West Virginia University.

### UA Poultry Department Launches Interactive CD Aimed at Recruiting Students

The Department of Poultry Science in the Bumpers College of Agricultural, Food, and Life Sciences at the University of Arkansas is pleased to announce the launch of an interactive CD targeted at recruiting high school and transfer students to its program.

One important aspect of the poultry science CD, which is available for PC users to load on their computer, is the ability to "surf" through the departmental information without hindrance from slow dial-up Internet providers.

The interactive poultry CDs can be obtained by e-mailing **Karen Eskew** at [keskew@uark.edu](mailto:keskew@uark.edu) or by calling 479-575-3192. If you would like further information about the Department of Poultry Science at the University of Arkansas, please contact Gary Davis by e-mailing [gddavis@uark.edu](mailto:gddavis@uark.edu) or calling 479-575-7526.

**Susan Watkins** gave invited presentations during the past few months at the 2004 Perry County Poultry Production Meeting; the Annual International Pheasant Management Seminar in Janesville, WI; the Midwest Poultry Federation Convention in Minneapolis; and the Louisiana Broiler Symposium in Shreveport. Watkins also coordinated the Turkey Enteritis Workshop in February at the Shewmaker Small Business Center in Rogers, AR. On hand were 65 attendees, and featured UA speakers were **Lisa Newberry, David Chapman, and Dayton Steelman**. The event was sponsored by Elanco, Jones-Hamilton, and WYNCO. Watkins attended the final part of the Extension Service First Leadership Training Class in Washington, DC, March 22–26.

She has also been named the director of The National Egg Quality School,

(continued pg 10)

(continued from pg 9)

which was held May 17–20, 2004, in Atlanta, GA.

## Iowa

**Susan J. Lamont** has been named a Charles F. Curtiss Distinguished Professor in Agriculture. Lamont, professor of animal science at Iowa State University, leads a world-class research program aimed at improving animal health and food safety. She has published more than 100 peer-reviewed papers in scientific journals (including over 50 papers in *Poultry Science*) plus numerous book chapters and invited reviews. She has been invited to speak around the world about her research program in poultry molecular genetics and immunogenetics. Lamont served as chair of the Iowa State Animal Science Department from 2001 to 2003. The title of Distinguished Professor, first awarded in 1956, is the highest academic honor bestowed by Iowa State University. It recognizes a faculty member for exemplary performance in at least 2 of the following areas: teaching and advising; research, scholarship, or artistic creativity; and extension, university service, or professional practice.

## North Carolina

**Kevin M. Keener** of North Carolina State University has been recognized with the 2004 International Association of Food Industry Suppliers (IAFIS) Foundation-Food and Process Engineering Institute (FPEI) Award as an "emerging food engineer." The award, which was presented at the recent IAFIS Annual Conference in Scottsdale, Arizona, is sponsored by the IAFIS Foundation and the FPEI, a unit of the American Society of Agricultural Engineers (ASAE).

Keener, an Ashland, OH, native who is now an associate professor in the NC State Food Science Department, provides technical support to the food industry through his extension, research, and teaching programs. His food engineering program has trained over 1,000 professionals in food safety and FDA and USDA processing require-

ments, and he has worked with various food processors on efforts to save money and jobs and prevent plant closings.

Keener consults with a number of international food companies and the U.S. government on HACCP, food safety, and food process development. His recent efforts with Praxair, Inc., aided in the design of its cryogenic egg cooling system, which won an AE 50 Design award in 2001. He developed an online food sanitation course that has trained over 30 QA/QC and plant managers in the food industry and is currently being used by Tyson Foods. Keener is also a consultant to one of the largest Russian-owned poultry processors on HACCP, food safety, and food process development issues. Last year, he worked with 3 other universities and the U.S. Poultry and Egg Export Council to develop radionuclide testing procedures for exported poultry.

Upon his arrival at North Carolina State in 1997, Keener developed the food safety training laboratory for environmental health specialist intern training (health inspectors), as well as a food service equipment laboratory. This program has been very successful in providing hands-on training to over 230 inspectors and is being replicated by other states.

Additionally, Keener has produced 56 technical meeting presentations, 16 refereed publications, a book chapter, 10 patents (2 U.S. patents pending and 8 international), 29 non-refereed publications and 13 extension publications. Over the past 6 years, his research program has received over \$1.4 million dollars in funding. Keener received a Ph.D. in food process engineering from Purdue University, and a B.S. and M.S. in agricultural engineering from The Ohio State University.

### NCSU Student Scholarships and Awards

The NCSU Poultry Science Department has awarded over \$50,000 in scholarships to 34 current and incoming students for the 2004–2005 academic year. Following are the recipients, their scholarships, and their hometowns.

**Erin Nicole Allgood**, Alltech, Inc., King, NC; **Katherine Elizabeth Hendrix**, T. T. Brown Memorial and Central Soya Dow & Carolina Turkeys, Rose Hill, NC; **Allison Adele Vestal**, Daniel Fromm Memorial, Clemmons, NC; **Kelly Elizabeth Brannan**, Freeman W. Cook, Jackson springs, NC; **Grant Daniel Hill**, Freeman W. Cook and Caldwell scholar, Kinston, NC; **Jennifer Leigh Nicely**, Freeman W. Cook, Concord, NC; **Jessica Lynn Read**, Freeman W. Cook, Raleigh, NC; **Nathan Avery Saunders**, Freeman W. Cook, Raleigh, NC; **Derek Jackie Beane**, Robert E. Cook, Seagrove, NC; **Devorah Ann Marks**, Frank Ranken Craig and Hubbard Farms, Greensboro, NC; **John Herbert Small**, Embrex Biotechnology, Greensboro, NC; **Sarah Christine Walters**, Embrex Biotechnology, Lexington, NC; **Cameron B. Wiggins, II**, MB "Dutch" Gardner, Manteo, NC; **Joshua Todd Brown**, MB "Dutch" Gardner, North Wilkesboro, NV; **John Davis Odell**, MB "Dutch" Gardner, Mt. Airy, NC; **Walter Graham Byrum, Jr.**, Tom Hester, Scotland Neck, NC; **Martin Christopher Andrews**, Holly Farms, Hamptonville, NC; **Lauren Margaret Boswell**, H.C. Kennett, Rocky Mount, NC; **Margie Ellen Houston**, Little, Pink Hill, NC; **Mark Edward Bramlett**, Don Mabe, Sanford, NC; **Rebecca Beatrice Goldman**, Don Mabe, Raleigh, NC; **Jason Kenneth Thorton**, Don Mabe, Goldsboro, NC; **Kathryn Leigh Price**, Don Mabe, Stoneville, NC; **Jessica Lauren Lemieux**, Tom and Louise Morris, Spruce Pine, NC; **Ashley Michelle Tyner**, Tom and Louise Morris, St. Pauls, NC; **Travis Edward Birdsell**, NC Poultry Federation, Raleigh, NC; **Jeffrey Edward Spivey**, J. B. Ward Memorial, Sanford, NC; **Jennifer Lynne Bowles**, Wilkes County Poultry, Hiddenite, NC; **Heather Renee Cutchin**, C. F. "Chick" Parrish, Raleigh, NC; **Felicia Dawn Riggs**, C. F. "Chick" Parrish, Newport, NC; and **Bryan Michael Redfern**, Pilgrim's Pride, Indian trail, NC.

Incoming NC State freshmen and transfer students received U.S. Poultry & Egg Recruitment Funds and the

(continued pg 11)

Embrex Poultry Biotechnology Freshman Scholarship. The recipients and their hometowns are listed below.

**Daniel Whitley**, U.S. Poultry & Egg Assoc., Goldsboro, NC; **Hannah Elizabeth Grantham**, U.S. Poultry & Egg Assoc., Goldsboro, NC; **Grady Howard McDonnell**, U.S. Poultry & Egg Assoc., Goldsboro, NC; **Brandon Scott Bumgarner**, U.S. Poultry & Egg Assoc., Stony Point, NC; and **Martha Ashton Williams**, U.S. Poultry & Egg Assoc. and Embrex Biotech Scholar, Williams, NC.

### M. B. "Dutch" Gardner Graduate Student Thesis Awards, Academic Year 2002–2003

**Marion T. Gardner** and her family established an endowment in 1981 in the NCSU Department of Poultry Science in memory of M. B. "Dutch" Gardner for his contributions to the North Carolina poultry industry. This endowment is used to honor both undergraduate and graduate achievement. Any graduate student doing his or her thesis work in some aspect of poultry science at NCSU can be nominated for the thesis awards

**Lavonda H. Hughes-Hollar** is this year's winner of the M. B. "Dutch" Gardner Ph.D. thesis award for her thesis entitled "In-package heat pasteurization combined with biocide-impregnated packaging films for inhibition of *Escherichia coli* 0157:H7 and *Campylobacter jejuni*." Hughes-Hollar worked under the direction of Dr. Brian Sheldon, NCSU Department of Poultry Science.

### Other Honors Received by NCSU Poultry Science Students

- **Kacie Schmidt**, a poultry science senior from Cumberland, MD, was one of the valedictorians for the May 15, 2004, NCSU commencement.
- Four poultry science seniors were admitted into the NCSU College of Veterinary Medicine to begin their studies toward the DVM degree in the fall of 2004. They were **Eric Cline**, China Grove, NC; **Jeff Broadaway**, Monroe, NC; **Kacie**

**Schmidt**, Cumberland, MD; and **Rebecca Robbins**, Aberdeen, NC.

- Four poultry science undergraduates will serve on the NCSU Student Senate for the 2004–2005 academic year. They include senior **John Small**, Greensboro, NC; junior **Travis Birdsell**, Raleigh, NC; and sophomores **Emily Weston**, Hillsborough, NC, and **Jason Thornton**, Goldsboro, NC.
- The NCSU Poultry Science Judging Team was recently the high place team at the U.S. Poultry & Egg Association contest in Baton Rouge, LA. Team members included **Brent Jennings**, Camden, NC; **Martin Andrews**, Hamptonville, NC; **John Small**, Greensboro, NC; and **Cameron Wiggins**, Manteo, NC.
- The following poultry science students were elected as the 2004–2005 officers for the NCSU Poultry Science Club. President—**Katherine "Katie" Hendricks**, Rose Hill, NC; vice president—**Martin "Marty" Andrews**, Hamptonville, NC; secretary—**John Small**, Greensboro, NC; and treasurer—**Cameron Wiggins**, Manteo, NC. Martin Andrews will also serve as the president and **Kathryn Price**, Stoneville, NC, will serve as the treasurer of the NCSU College of Agriculture and Life Sciences Agri-Life Council for the 2004–2005 academic year.

### The 3rd International Symposium on Egg Nutrition for Health Promotion

The 3rd International Egg Symposium was held in mid-April in Banff Canada. This highly successful symposium included prominent scientists from all parts of the world. Ovonutraceuticals and new processing technologies for egg functional foods were shown to have tremendous potential for the egg industry. Nutritionally enhanced eggs for treatment of degenerative diseases were emphasized, along with antibody-forming technology to fight food pathogens.

The proceedings of this symposium will be published as a book entitled *The Amazing Egg: Nature's Perfect Functional Food for Health*. The planned publication date is August 1, 2005. Prepublication price is CAN\$85 plus GST. Postpublication price is CAN\$120 plus GST. To order, please contact: Jeong Sim, 410 Agriculture/Forestry Centre, University of Alberta, Edmonton, Alberta Canada T6G2P5 (phone: 780-492-7687; fax: 780-492-7265; e-mail: jssim@ualberta.ca).

**Dan Donoghue** gave the invited presentation, "Therapeutic or prophylactic antibiotic administration in breeder hens and its potential effect on competitive exclusion cultures in chicks" at the ANECA XXVIII National Meeting in Vera Cruz, Mexico, and he gave the invited presentation "Competitive exclusion cultures consisting of lactic acid bacteria plus organic acid treatment may reduce *Campylobacter* colonization in turkeys" at the CHRO 2003 International Meeting on *Campylobacter*, in Arhus, Denmark.

### Deadline for Articles for the October 2004 Issue of the Poultry Science Newsletter

All submissions for the next issue of the PSA Newsletter are due at PSA Headquarters by August 15, 2004. Please submit articles, news, and announcements to [susanp@assoqhq.org](mailto:susanp@assoqhq.org).

# Coming Events!

**September 6–7, 2004**

**Incubation and Fertility Research Group, WPSA Working Group 6 (Reproduction)**

University of Lincoln, United Kingdom.  
Contact D. C. Deeming  
Phone: +44 1673 861710  
E-mail:  
Charlie@deemingdc.freewerve.co.uk  
Website: www.ifrg.org

**September 9, 2004**

**Principles and Applications of Cleaning and Sanitation Programs**, *Center of Excellence for Poultry Science and ECOLAB Food and Beverage Division, Fayetteville, AR.* For information <http://www.uark.edu/~extens/santdates.html>.

**October 15–17, 2004**

**11th Ostrich World Congress**, Hotel Neptun-Istra, Island Brijuni, Croatia.  
Contact: Margit Schmidt, European Ostrich Council, Springergasse 3, A0120 Vienna, Austria.  
Phone +43 1 333 87 98 – 22  
E-mail: oebisz@aon.at  
Website: www.european-ostrich-council.com

**November 9–12, 2004**

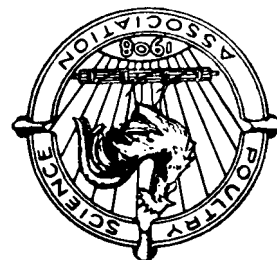
**EuroTier 2004**, Hanover, Germany. **Contact:** Deutsche Landwirtschafts-Gesellschaft e.V., Eschborner Landstrasse 122, D-60489 Frankfurt am Main Germany  
Phone: +49 69 24788-265  
Fax: +49 69 24788-133  
E-mail: eurotier@dlg-frankfurt.de  
Website: www.eurotier.de

**August 7–12, 2005**

**51st INTERNATIONAL CONGRESS OF MEAT SCIENCE AND TECHNOLOGY COMING TO BALTIMORE, MARYLAND**

For more information, contact the Congress Secretariat: Thomas Powell, Executive Director, American Meat Science Association, 1111 North Dunlap Avenue, Savoy, IL 61874

Poultry Science Association  
1111 N. Dunlap Avenue  
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