



newsletter

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IN THIS ISSUE . . .

- 1** . . . From Your President

- 2** . . . WPSA/USA Branch
Secretary-Treasurer

- 2** . . . From Your
Newsletter Editor

- 3** . . . PSA '98: Welcome to
Pennsylvania

- 4** . . . PSA '98: Nominees for
PSA Offices

- 5** . . . PSA '98: Informal Nutrition
Symposium

- 8** . . . FASS Position: VP-
Scientific Liaison

- 12** . . . *Coming Events!*

From Your President

HANK CLASSEN
PSA President



The 1997-98 year has been a busy one and also one that has passed by very quickly. Our annual meeting at Penn State is rapidly approaching, and I am confident that it will be a success from both an academic and a personal standpoint. The Ancillary Scientists Symposium starts off the meeting with an impressive list of speakers on the topic of Muscle Growth and Development. Symposia during the meeting continue the focus on important current topics related to reproduction in modern strains of poultry, the environmental impact of poultry production, and a futuristic look at Poultry Science programming. I would encourage the membership to come to the opening session to hear our guest speaker, Dr. **Rustum Roy**, whose topic is "Applications Driven Science: Science's Future". **Herb Siegel** has told me that Dr. Roy's talks are both interesting and thought-provoking. So before you head off to the Elanco Ice Cream Social to socialize and enjoy the ice cream, please come and hear an interesting talk. The WPSA Lecture this year will be given by Dr. **William Stadelman**, and I am looking forward to

his talk on "The Incredible Functional Egg". The above highlights plus the nearly 400 papers that will be presented should provide our membership with a very good educational experience.

As usual, the annual PSA Business Meeting will be held on the final afternoon (Wednesday, August 5th). This is a good chance for members to find out more about the association and I would encourage everyone to attend and participate.

Many PSA members have been busy with the final work necessary to make this meeting a success. Those that come to mind, in particular, are the Host and Program Committees, chaired by **Bill Weaver** and **Bill Huff**, respectively. The Board is also busy getting ready for our annual meeting, which will be held on July 31 and August 1, 1998. One person on the Board that has to be singled out is the First Vice President, **Don Bell**. Don, with **Janet Brown's** help, has been proactive in asking for committee volunteers. The number of members volunteering has been exceptional! Thanks to Don and the volunteers. Don has also been carefully examining the PSA Constitution, By-Laws and Appendix with the aim of accuracy, clarity, and consistency. Two changes to the Constitution will be brought to the membership at the annual meeting.

An important contribution to the annual meeting, which members may sometimes either forget or take for granted, is that of the Business Office. Many hours of work by Chuck, Ann, Janet, Mary, and others in the Savoy office go into making the meeting run smoothly and success-

(continued pg 2)

NEWSLETTER
Glenn H. Carpenter, Editor
Vol. 22, No. 3 July 1998

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1111 N. Dunlap Avenue
Savoy, IL 61874

(President . . . from pg 1)
fully.

In a related matter, **Tony Pescatore** informs me that the quality and number of applications for the position of PSA Business Manager has been good. Tony and his committee are in the process of interviewing candidates and the Board hopes that the successful person will be picked soon.

Finally, if you need information about the annual meeting or would like to look at the entire program, please consult the PSA Website at <http://www.psa.uiuc.edu>.

Have a safe trip to Penn State, and I look forward to seeing you there.

USA Branch, WPSA Secretary- Treasurer

The USA Branch of the Worlds Poultry Science Association is in the process of replacing the current Secretary/Treasurer. Duties will be modified to reduce the time requirements of the position. If you are interested in serving the organization, in this capacity, contact President **Dan Fletcher** at the University of Georgia, or other Board members. Dr. Fletcher can be reached at (706) 542-2476, or write to him at the Poultry Science Department, University of Georgia, Athens, GA 30602-2772.

From Your Newsletter Editor

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GLENN H. CARPENTER
PSA Newsletter Editor

I received a message from **Bob Hogue**, former Poultry Specialist from Purdue University, not too long ago. Bob is one of the primary archivists with the American Poultry Historical Society. The message indicated that he had come across an announcement of the program for the 1928, twentieth annual meeting of the Poultry Science Association, which was held at Purdue University. Bob says that there were 372 in attendance at that meeting (no, Bob could not have been one of those).

Of those presenting, of special interest to me are papers given by **J. A. Hannah**, **H. S. Palmer**, and **Horace Atwood**. Atwood was the first poultry researcher at West Virginia, beginning in the early 1890s and continuing through the 1920s. H. S. Palmer was the first extension poultry specialist at Delaware; his son, my friend **Dan Palmer**, retired last year as poultry extension specialist (I hope not the last) from that same institution. J. A. Hannah was poultry extension specialist at Michigan State; he went on to become

the president of that institution who is credited with building the University into the world class institution that it is, today. Other names that jump out of the program include **M. A. Jull**, **J. E. Rice**, **A. L. Romanoff**, and **C. G. Card**. I am sure, looking at the list of presenters, that all of us could single out a few names that hold special interest for us.

In looking at the program, I notice about an equal amount of time needed for the presentation of Extension and Research papers, and only a slightly smaller amount of time needed for presentation of papers involving Teaching. Sessions were not concurrent, so members had an opportunity to listen to all papers, and maybe better understand each others' interests and efforts. I think this is a problem today. We are all so unfamiliar with what each other does, that we find little appreciation for the other's accomplishments. On the other hand, it would be very hard to present the amount of information that is presented at a modern Poultry Science Association meeting, and do it any way other than concurrently. As this summer's session of the Association draws nearer, it should be the challenge of each of us to attend as many papers in different areas as possible. Through this, we can stay abreast of happenings in each field, and also stay open to each other's ideas and accomplishments.

	<p>President Henry L. Classen Dept. of Animal/Poultry Science University of Saskatchewan 72 Campus Drive Saskatoon, SK, Canada S7N 5B5 306/966-6600 FAX 306/966-4560 e-mail: classen@abyss.usask.ca</p> <p>First Vice President Donald D. Bell Cooperative Extension University of California Highlander Hall Riverside, CA 92521 909/787-4555 FAX 909/787-7251 e-mail: don.bell@ucr.edu</p> <p>Second Vice President Edwin T. Moran, Jr. Dept. of Poultry Science Auburn University Auburn University, AL 36849 334-844-2617 FAX 334-844-2641 e-mail: emoran@acesag.auburn.edu</p>	<p>Secretary-Treasurer Louis C. Arrington University of Wisconsin 1675 Observatory Dr. #260 Madison, WI 53706-1284 608/262-1774 FAX 608/262-5157 e-mail: lcarring@facstaff.wisc.edu</p> <p>Past-President Henry M. Engster Perdue Farms, Inc. P.O. Box 1537 Salisbury, MD 21802-1537 410/543-3411 FAX 410/543-3965 e-mail: hme@shore.intercom.net</p> <p>Business Office 1111 N. Dunlap Ave. Savoy, IL 61874 217/356-3182 FAX 217/398-4119 e-mail: psa@assoqh.org</p>	<p>Directors Andrew F. Gieson Novus International Inc. 314/576/8446 FAX 314/576-4751 e-mail: afgies@novusint.com</p> <p>Sally L. Noll University of Minnesota 612/624-4928 FAX 612/625-5789 snoll@mes.umn.edu</p> <p>Anthony J. Pescatore University of Kentucky 606/257-7529 FAX 606/323-1027 e-mail: apescato@ca.uky.edu</p>	<p>John A. Proudman USDA/ARS/GGPL 301/503-8094 FAX: 301/504-8546 e-mail: johnp@ppgl.arsusda.gov</p> <p>Sheila E. Scheideler University of Nebraska 402/472-6451 FAX: 402/472-6362 e-mail: ansc310@unlvm.edu</p> <p>Robert F. Wideman University of Arkansas 501/575-4397 FAX 501/575-3026</p>
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Welcome to Pennsylvania for PSA '98

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BILL WEAVER
PSA '98 Program Chair

We at Penn State University have been diligently planning and preparing for your arrival this summer and are pleased to report that things are rapidly coming into place. All youth and spouse activities and tours have been organized, and details have been checked. (Please refer to the recently mailed registration booklet for descriptions of the various activities).

Also, plans for an old fashioned Pennsylvania-style pig roast, complete with live music, tours of the Pennsylvania Military Museum and a live Civil War encampment have been completed. This year's opening session will also be different, as we have invited Dr. **Rustum Roy**, the senior most member of the National Academy of Engineering and who has been described by *Newsweek* magazine as "the leading contrarian" among U.S. sci-

entists, to address the membership. The title of Dr. Roy's presentation is "Applications Driven Science: Science's Future".

Although Pennsylvania is considered a populous state with the large cities of Philadelphia in the east and Pittsburgh in the west, it contains many miles of beautiful open country with much productive farmland, along with a number of state parks and tourist attractions. Gettysburg Battlefield, Lancaster County and its Dutch County, The Amish areas in the southeastern and central parts of the state, and the Liberty Bell and Independence Hall in Philadelphia are but a few of the many attractions you may wish to visit while in Pennsylvania this summer.

Pennsylvania is not only about cities, and people, and manufacturing, and football. Pennsylvania is also about farming. Pennsylvania has over 50,000 farms with over \$4 billion in cash receipts annually, ranking it 17, and 18, respectively, in the U.S. Pennsylvania also has a large poultry industry, which is second only to dairy in terms of farm income. In 1997, poultry production in Pennsylvania accounted for almost \$675 million, which was about

evenly split between poultry meat and eggs. Although poultry growth in the state has kept pace with the national average (actually egg numbers and income have continued to grow while the national trend has been downward), possibly more so than in some other regions, environmental and governmental pressures have continued to haunt the industry. Pressures at the rural-urban interface with respect to flies, odors, and surface and ground water contamination are real and continue to plague the Pennsylvania industry as it has much of the industry throughout the country.

However, enough about the negatives. Let me close with again offering you an invitation to visit Pennsylvania this summer and attend the Poultry Science Association Annual meeting on August 2-5 at Penn State University. The faculty, staff and spouses in the Poultry Science Department are poised and ready to serve as your hosts during your stay, and therefore request your presence at the Penn Stater Conference Center for PSA '98 during the first week in August.

Free (fri) adv.

Without expense || without penalty

commonsaying

"There is no such thing as a free lunch"

opposite of saying

**PSA Free Graduate
Student Membership
Program.**

*t*hat's right, finally an offer where a free lunch really means a free lunch. As a PSA member, serve up this offer to graduate students who have never been PSA members before and who are interested in or studying poultry science or a related scientific area. All interested students needs to do for this ready-to-cook deal is complete a PSA membership form and mark "free graduate student membership" on the top of the form, obtain a signature from their advisors, and mail or fax to the PSA Office. It's a wholesome, hearty dish that they can be purchased every year after until it becomes free again! (retirement)

Nominees for PSA Offices

HANK ENGSTER

Immediate Past President and
Chair, PSA Nominating Committee

The following nominees for officers and directors are being presented by the PSA Nominating Committee. The other members of the committee are: **Jerry Cherry**, **Mary Ann Ottinger**, and **Chuck Wabeck**.

Position Nominee(s)

President

Donald D. Bell
University of California
Riverside, CA

First Vice President

Edwin T. Moran
Auburn University
Auburn, AL

Second Vice President

William Saylor
University of Delaware
Newark, DE

Robert Etches
University of Guelph
Guelph, ON, Canada

Director 1

Daniel Fletcher
University of Georgia
Athens, GA

Carl Parsons
University of Illinois
Urbana, IL

Director 2

Mamduh Sifri
ADM Animal Health and Nutrition
Des Moines, IA

Michael Hulet
Pennsylvania State University
University Park, PA

Additional candidates may be nominated from the floor during the business

meeting. It would be desirable to determine the person's willingness to run, and to serve if elected, prior to making nominations from the floor. As directed by the By-Laws, a new member of the nominating committee will be nominated from the floor and elected to replace Jerry Cherry, whose term will be completed this year.

The elections will be held during the business meeting on Wednesday, August 5, at the PSA meeting.

Biographical Sketches of the Candidates

William W. Saylor is Associate Dean for Research and Association Director of the Agricultural Experiment Station in the College of Agriculture and Natural Resources at the University of Delaware. Bill joined Delaware's Department of Animal and Food Sciences in 1978 after completing his Ph.D. degree in Poultry Nutrition at Penn State University. He also received a B.S. degree in Animal Science and M.S. in Animal Nutrition from Penn State. As Associate Dean, Bill is responsible for providing leadership to the research program and managing the research portfolio of the college. He has served in this position since 1992. In addition to his administrative responsibilities, Bill conducts research on mineral metabolism in broilers. He is currently collaborating in studies investigating reducing metabolism in broilers through the use of microbial phytase and low phytic acid corn in broiler diets. Bill also teaches an introductory undergraduate animal nutrition course, Live-stock Nutrition and Feeding, and a graduate course in nonruminant nutrition.

Bill joined the Poultry Science Association in 1979. He served on the Membership Committee for 3 yr, 2 yr as Chair, and two terms as Associate Editor of the Education and Production section of *Poultry Science*. He served as Secretary-Treasurer from 1988 to 1991 and on the Ad Hoc Committee for the Editor-in-Chief of *Poultry Science*. Bill is also a member of the Southern Poultry Science Society, World's Poultry Science Association, the American Poultry Historical Society, Gamma Sigma Delta, Phi Sigma, and Phi Kappa Phi.

Robert Etches is currently Professor,

Department of Animal and Poultry Science and Department of Zoology, University of Guelph. Bob joined the faculty at Guelph in 1975 after completing a Ph.D. in Physiology and Biochemistry from Reading University in the UK. Bob also holds a D.Sc. in Physiology and Biochemistry from Reading (1985), a M.Sc. in Genetics and Physiology from McGill University (1972) and a B.Sc. Agr. in Animal Breeding from the University of British Columbia (1970). Bob's research interests include reproduction in domestic birds, transgenic chickens via chimeric intermediates, parthenogenesis in turkeys, photoperiodism in birds, and endocrine control of ovulation in birds.

Bob has been a long-time member of the Poultry Science Association, and in 1980 was the recipient of the Poultry Science Research Award. He is currently Chair of the International Society for Avian Endocrinology and the Scientific Chair of the World's Poultry Congress 2000.

Daniel L. Fletcher is a Professor of Poultry Science and a Courtesy Professor of Food Science and Technology at the University of Georgia with teaching and research assignments in the area of poultry processing and products technology.

Dan has been an active member of the Poultry Science Association since 1977. Past service to the association has included Section Editor, Processing and Products Section of *Poultry Science*, 1986-1990; Associate Editor, 1983-1986 and 1990-1996; PSA Annual Meeting Processing and Products Section Chair, 1991; PSA Annual Meeting General Program Chair, 1993; and numerous committee assignments. Awards received from the Poultry Science Association include a Graduate Student Certificate of Excellence Award in 1977, the American Egg Board Research Award in 1980, the Broiler Research Award in 1990, and the Continental Grain Poultry Products Research Award in 1991.

Carl M. Parsons is Professor in Animal

Sciences at the University of Illinois, where he has been on the faculty since receiving his Ph.D. degree in Animal Nutrition from Virginia Tech in 1981. He also holds an M.S. in Poultry Science from Virginia Tech, and a B.S. in General Agriculture from the University of Maryland Eastern Shore. His research specialization is in poultry nutrition.

Carl is a member of the NRC committees for the nutrient requirements of poultry and for animal nutrition. He is a member of the Poultry Science Association, the World's Poultry Science Association, and the American Society for Nutritional Science. He has served on the editorial boards of *Nutrition Research* and the *Journal of Applied Poultry Research*, and has served as Section Editor for Metabolism and Nutrition for *Poultry Science*. He is the 1991 recipient of the AFIA Nutrition Research Award, presented at the PSA annual meeting.

Mamduh Sifri is Technical Service Direc-

tor of Poultry at ADM Animal Health & Nutrition, in Des Moines, Iowa. He received the Ph.D. in Poultry Nutrition with a minor in Biochemistry from North Dakota State University in 1974. His previous degrees are a M.S. in Poultry Nutrition and Management and B.S. in Agricultural Engineering from the American University in Beirut, Lebanon. Prior to his work with ADM, Mamduh served as a research scientist with NASA and the NIH at The University of California Davis, and the University of Wisconsin. He also worked with Cargill and Central Soya Companies.

Mamduh has been an active member of the PSA since 1971 and served on many PSA teams. He has worked closely and effectively with industry and university scientists to continue the annual PSA Informal Nutrition Symposium.

R. Michael Hulet is an Associate Profes-

sor in the Department of Poultry Science at Pennsylvania State University. He joined the faculty in 1993 after 13 yr on the faculty at Virginia Tech. He completed both his B.S. and M.S. degrees in Animal Science at Brigham Young University in 1975 and 1976, respectively. A Ph.D. degree in Poultry Science was received in 1981 from Texas A&M University. He currently has an extension and applied research appointment at Penn State working with both turkeys and broilers. Research and extension interests include turkey breeder, commercial broiler, and market turkey management. For the Poultry Science Association, he has served as an Associate Editor in the Environment and Health section of *Poultry Science* for 6 yr, 7 yr on the Nominations Committee, and 4 yr on the Extension Affairs Committee. He is a member of the World's Poultry Science Association and serves as an Associate Editor for the *Journal of Applied Poultry Research*.

★ A PSA '98 Exhibit Preview! ★

ADF
Alltech, Inc.
Alternative Design
BioSentry Inc.
The Brill Corp.
Carfax Publishing
Colorado Quality Research
Fats & Proteins Research Foundation
Genetic Resources Conservation Program
University of California
Griffin Industries
Heartland Animal Health, Inc.
IMV International Corp.

Insta-Pro International
L.B. White Co., Inc.
Oyster Shell Products
Positive Action Publications
Poultry Water Quality Consortium
PSA '99 - University of Arkansas
PSA On-Line Booth and Publications
Progeny Plus
Star-Labs
Watt Publishing Co.
Woodson-Tenent Labs, Inc.
Ziggity Systems

Visit the Exhibits at the PSA Annual Meeting!



Dean's Hall, Monday, Aug 3 8:00 am - 5:00 pm
Tuesday, Aug 4 8:00 am - noon.



PSA Informal Nutrition Symposium

Impact of Early Nutrition on Poultry

Chair: Mamduh Sifri, ADM Animal Health and Nutrition
Symposium Team: D. J. Castaldo, N. Dale, J. J. Dibner, W. Guenter, W. Robey, and J. L. Sell

Sunday, August 2, 1998
Pennsylvania State University
Penn Stater Conference Center
1:00pm - 5:00pm

- 1:00pm **Precision Early Nutrition Is a Serious Business**
Mamduh Sifri, ADM Animal Health and Nutrition
- 1:15pm **Are Metabolic Responses Affected by Early Nutrition?**
Y. Noy, Hebrew University and Miloubar Central Feed Mill, Israel
- 1:55pm **Is the Gastrointestinal Function Rate Limiting for Performance?**
W. James Croom, North Carolina State University
- 2:35pm Break
- 3:00pm **Early Nutrition and the Immune System**
Julia J. Dibner, Novus International
- 3:40pm **Practical Applications of Early Nutrition**
M. S. Lilburn, Ohio State University
- 4:20pm **Review of Presentations**
Zehava Uni, Hebrew University, Israel
- 4:30pm Open Discussion and Recommendations
- 5:00pm Adjourn with Plans to Improve Early Nutrition for Poultry



Point,



Click,



Smile!

You've found it! The PSA Meeting Program is Now On-Line at:

<http://www.psa.uiuc.edu/meet/psa98.html>

**Meeting programs will not be
mailed this year, so visit the PSA Web Site
to find:**

- Papers to be presented at the Scientific Sessions
 - Program Overview
 - PSA '98 Symposia
- and so much more!*

USDA Researcher Elected to the National Academy of Sciences

.....

U.S. Department of Agriculture scientist **Richard L. Witter** has been elected to membership in the National Academy of Sciences. Election to NAS is one of the highest honors that a scientist can receive.

Witter, a veterinary medical officer with USDA's Agricultural Research Service, for the past 34 yr, is one of 60 new NAS members and 15 foreign associates from 10 countries elected to the Academy for distinguished and continuing achievements in research.

From 1975 until this year, Witter was research leader at ARS' Avian Disease and Oncology Laboratory adjacent to the campus of Michigan State University. He recently returned to full-time work on two major chicken diseases, Marek's disease and avian leukosis.

Accomplishments of the lab's scientists over the years have made it among the most important resources of the poultry industry worldwide.

Witter was part of the team that developed the first U.S. vaccine against Marek's disease in 1969. He is credited with defining characteristics of Marek's

and other viruses, showing that they continually evolve greater virulence. He has had a role in all generations of Marek's vaccine now in widespread commercial use in the U.S. USDA has patents on three of these vaccines.

Under Witter's leadership, **Jagdev M. Sharma** and **Ben R. Burmester** developed an improved technique for administering these vaccines to chicks before they are hatched. Based on underlying ARS patents, this technology has been commercialized and is now used in over 80% of broiler chickens in the U.S.

In 1977, a team of scientists at the Avian Disease and Oncology Lab, working with industry, developed a quick test to detect avian leukosis. This led to a detect-and-eradication effort that was successful in egg-laying chickens. However, a different strain appeared in 1994 in broiler chickens. Infections reached epidemic proportions in 1996, and Witter and colleagues are now working on ways to eradicate this new strain.

Another Milestone at Witter's lab was a technique developed and patented by **Lyman B. Crittenden**, now retired, and colleagues for using a weak form of avian leukosis virus to introduce desirable genes into chickens.

Witter has studied another poultry virus disease, called reticuloendotheliosis for 25 yr. He developed procedures for its detection and studied its transmission,

which helped the poultry industry comply with regulations for export of breeding stock. Colleague **Aly M. Fadly** and Witter found it could be inadvertently present in poultry vaccines, and helped develop stricter regulations for vaccine quality control.

Last year, Witter received the Jozef Marek Commemorative Medal from the University of Budapest, Hungary, for his contributions to vaccines against Marek's disease.

Witter is a past president of the American Association of Avian Pathologists and a member of the American Veterinary Medical Association. His numerous awards include USDA's Distinguished Service Award and various awards from industry.

Witter was born and raised in Orono, Maine, and currently lives in Okemos, Michigan. He received his B.S. and D.V.M. degrees from Michigan State University in 1958 and 1960. He earned M.S. and Ph.D. degrees in veterinary virology in 1962 and 1964 from Cornell University at Ithaca, N.Y.

Send congratulations to Dr. Witter at the Avian Disease and Oncology Laboratory, Agricultural Research Service, USDA, East Lansing, MI 48823. Phone: (517)337-6828, ore-mail: witterr@pilot.msu.edu.

AAAS Award Call For Nominations

The deadline to submit nominations for the Scientific Freedom and Responsibility Award presented annually by the American Association for the Advancement of Science is August 1. This award recognizes scientists and engineers who have acted to protect the public's health, safety, or welfare; or focused public attention on important potential impacts of science and technology; or established important new precedents in carrying out the social responsibilities or in defending the professional freedom of scientists and engineers.

The annual award was established in 1980 and consists of a plaque and \$2,500. The Award will be presented at the 1998 AAAS Annual Meeting in Anaheim, California, January 26, 1999.


To submit an application send AAAS:

1. Your name, address, and phone number; and the name(s) and address(es) of the nominee.
2. A summary of the action(s) that form the basis for the nomination (about 250 words).
3. A longer statement (no more than three pages) providing additional details of the action(s) for which the candidate is nominated.
4. At least two letters of support, with address and phone numbers.
5. The candidate's vitae (no more than three pages).
6. Any documentation (books, articles, or other materials) that illuminates the significance of the nominee's achievement may also be submitted. All materials become property of the AAAS.

Submit all information to: Deborah Runkle, AAAS, 1200 New York Avenue, NW, Washington, DC 20005. Phone: 202-326-6794; FAX: 202-289-4950.

Reason #52 to Attend the PSA Annual Meeting

52. Pick up your copy of the FASS Membership Directory! 

Yes, that's right, you won't have to wait by the  for your own copy if you attend the PSA Annual Meeting. Membership Directories will be distributed (after proof of 1998 membership) in the registration area beginning Sunday afternoon through the end of the meeting. This 380+ page book will contain the joint alphabetical listings of ADSA, ASAS, and PSA members (over 10,000 names) and a geographical breakdown for each society. PSA members who do not attend the meeting will receive their copy in the mail.

Further Instructions: Make your plans now to attend the meeting and pick up your own copy!

FASS Position Announcement: Executive Vice President-Scientific Liaison

The Federation of Animal Science Societies (FASS) invites applications for the position of Executive Vice President-Scientific Liaison. The Federation consists of the American Dairy Science Association, American Society of Animal Science, and Poultry Science Association. Qualifications include a Ph.D. in a field of animal, dairy, poultry, or food science, and a proven record of contribution in research, education, or application of science. A demonstrated interest in public policy issues impacting animal agriculture is important. The position is located in the Washington, D.C. area, and the incumbent is responsible to the FASS Board of Directors. The FASS headquarters are located in Savoy, Illinois. The candidate will be expected to provide vision and leadership for FASS activities in the public affairs arena. This includes interacting with government organizations, monitoring legislative activities, administering the FASS congressional science fellow program, outreach to animal commodity organizations and to other scientific organizations, and liaison with the three member societies. Salary is commensurate with qualifications and experience. The position is available January 1, 1999, and applications will be accepted until September 1 or until a suitable candidate has been identified. Qualified persons should send a letter of application, resume, statement of interests and experiences relevant to the position description, and names of four references to:

Larry D. Satter, President
FASS Board of Directors
1925 Linden Drive West,
Madison, WI, 53706

A complete position description is available upon request.

New Members

The following individuals have become PSA members since June 18, 1998:

Tulip A. Abdel-Ghaffar
University of Tennessee

Emeka Amaechi
Amaechi Farms, Nigeria

Matthew R. Burnham
Mississippi State University

Suping Chen
Cornell University

Adolfo Ferraro
Farmer SPA, Porto Mantovano, Italy

Nancy J. Fiscus
University of Maryland

Francisco Flores
Avicola Salvadorena, Miami, Florida

Susan Gal
Alberta Egg Producers, Canada

Kenneth M. Hamilton
University of Maryland

Ping Jiang
University of Manitoba

Nancy S. Joseph
University of Alberta

Rosa Lazaro-Garcia
Universidad Politecnica de Madrid, Spain

Han-Ken Liu
Columbus, Ohio

Erin D. MacDougall
University of California, Davis

Deborah A. McWilliams
University of Guelph

Robert H. Nixon
London, Ontario, Canada

Orlando E. Oviedo Rondon
Parana, Brazil

Wendy J. Plocher
FMC Corp., Parma, Idaho

Meihua Qiao
University of Georgia

Ciro Abel Ruiz-Feria
University of Arkansas

Robert B. Shirley
University of Illinois

Adam A. Spies
University of Alberta

Saksit Srinonkote
University of Arkansas

Kunio Sugahara
Utsunomiya University

Jeannetta D. Tankson
Mississippi State University

Lucy A. Waldron
Finnfeeds International, UK

Scot Williams
Roche Vitamins, Paramus, NJ

Hang Xie
University of Arkansas

Zhou Xinyu
University of Manitoba

Sheng Chin Yang
Taiwan

Ziqun Zhang
University of Manitoba

Feng Zhao
University of Nebraska

It's Not To Late . . .

to participate in the 2nd Annual PSA Job Resource Center

Let PSA Launch Your Career by bringing ten copies of your resume to the PSA Annual Meeting. Be prepared as interview rooms will be available for companies throughout the meeting. If you cannot attend the meeting, send your resume to the PSA Office before July 24, and we will place your resume on the poster boards. Don't miss out on this free service being offered to PSA members!

Job Position Descriptions are still being accepted and can be sent to the PSA Office up until July 24. If you cannot attend the meeting, but want to receive a copy of the resumes, contact Janet Brown at the PSA Office (psa@assochq.org). Schedule your interview times now! All job positions will be placed on the PSA Web Site for a short time before and during the meeting, providing excellent exposure to your company. Use PSA to find your future employees!

New AOAC Training Course

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Analytical Supercritical Fluid Extraction (ASFE) is becoming a routine technique in many laboratories. Official methods already exist for environmental pollutants and the fat or oil content of food stuffs. Despite these initial successes, practical application of ASFE requires an appreciation of the unique properties of supercritical fluids and other factors, such as sample preparation prior to ASFE. AOAC INTERNATIONAL has developed a new training course, Practical SFE Methodology for the AOAC® Methods Program, which combines lecture material with demonstrations of performing and applying the technique to research, routine problem solving, repetitive analysis, and collaborative method certification.

The course will be offered in conjunction with the 112th AOAC INTERNATIONAL Annual Meeting and Exposition in 1998, to be held September 12-13 at the Queen Elizabeth Hotel, Montreal, Quebec, Canada. It is appropriate for a variety of personnel including analysts of varying backgrounds and training. Managers of analytical testing laboratories and method development sections of analytical R&D units will gain a greater appreciation of how ASFE can aid them daily. Individuals considering ASFE, a competitive technique, or purchasing instrumentation will also benefit.

The two-day program will cover: properties of supercritical fluids; characteristics of analytical SFE; optimizing extraction conditions and choosing the right fluid; fluid purity, methods delivery, and purification; use of cosolvents and mixed fluids; preparing the sample matrix for ASFE; interfacing with ASFE with analytical instrumentation—on and off-line; types of ASFE and instrumentation; sample cleanup protocols; trace analysis and exhaustive extraction; handling multiple samples; automation, increasing sample throughput; and process SFE.

For more information, contact the

Meetings and Education Department,
AOAC INTERNATIONAL, 481 North
Frederick Avenue, Suite 500,
Gaithersburg, MD 20877-2417. Or,
phone:(301)924-7077, FAX:(301)924-
7089, or e-mail: meetings@aoac.org.

Unorthodox New Scholarship

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Students are regularly told their education will pay off, and for students who successfully complete Cal Poly's (San Luis Obispo campus) class on poultry production management, the payoff is immediate, and in cash.

The new "**Frisbie Brown Scholarship**" is set up to pay the class tuition fee—about \$150—for all students who pass the course. Brown, a class of '38 Cal Poly graduate who majored in poultry, established the program to support students taking the poultry class.

Cal Poly eventually hopes to be able to fund all six of its poultry management classes, in this manner.

According to poultry specialist and animal science professor, **Robert Spiller**, "This is an unorthodox approach to get students interested in taking courses that could lead to a career in poultry management. The jobs are definitely there."

For more information on this scholarship, or for information on setting up similar scholarships, contact Robert Spiller at 805-756-5069.

Tom Newman Memorial Award 1998

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Nominations are being sought for the 1998 Tom Newman Memorial Award which is presented annually by the British Poultry Breeders and Hatcheries Association. The Award, which was instituted in 1949, comprises a bronze medal and £500. The presentation is made to the living author(s) who, in the opinion of the judges, has made the most significant research contribution, in any branch of science, which will benefit poultry husbandry. The submission, which should be in English or have an English summary, should comprise a copy of a published paper on a single research topic together with a supporting case from the nominator giving additional information about the nominee and setting the paper in context. The paper must have been published within the last five years. The supporting case should not exceed one page, and no self-nominations will be accepted.

Nominations should be sent to John Walker, BPBHA Ltd, 7th Floor, Imperial House, London, WC2B 6UA, United Kingdom. Tel: +44(0) 171-240-9889. Fax: +44(0) 171-240-9889. e-mail: bpmf@bpmf.co.uk.

The closing date is 9 October 1998, and the Award will be presented at the BPBHA Awards Ceremony in the Members' Dining Room in the House of Commons, Westminster, London on Tuesday 1 December 1998.

DEADLINE FOR ITEMS FOR *PSA NEWSLETTER*

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The deadline for items to be included in the OCTOBER 1998 issue of the *PSA Newsletter* is August 10, 1998. Send items to *PSA Newsletter*, 1111 N. Dunlap Ave., Savoy, IL 61874 (phone 217/356-3182; FAX 217/398-4119; e-mail: annm@assoqh.org); or to the editor: Glenn H. Carpenter, Chatham County Center, 108 South Street, P. O. Box 278, Pittsboro, NC 27312; (phone: 919/542-8202; FAX: 919/542-8246; e-mail: Glenn_Carpenter@ces.ncsu.edu

New Departmental Extension Leader

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The North Carolina State University Department of Poultry Science is happy to report that Dr. **Brian W. Sheldon** will join the Department on July 1, 1998 and will serve as the Department's Extension Leader. Dr. Sheldon comes to us from the NCSU Food Science Department where he has spent the past 18 years working primarily in the areas of microbiological safety of poultry products and on the enhancement of shelf life of poultry products. In addition to his administrative duties related to the coordination of the Department's extension programs, he will continue to work on poultry food safety with an emphasis on pre-processing and processing effects on product quality and safety. He will also provide microbiological expertise in other areas on collaborative projects with other faculty. He is a member of the Poultry Science Association, the Institute of Food Technologists, the American Chemical Society, the American Society of Microbiology, the International Association of Milk, Food and Environmental Sanitarians, Phi Kappa Phi, Gamma Sigma Delta, Phi Tau Sigma, Sigma Xi, and Phi Sigma. Dr. Sheldon has published extensively in his areas of expertise, and for several years has provided a literature review column for *Meat Processing Magazine*. He served for several years as the section editor for *Processing and Products* for the journal *Poultry Science*.

American Poultry Historical Society

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The purpose of the American Poultry Historical Society is to find, collect, and preserve records, pictures, materials and objects connected with the development of the Poultry Industry of America. The Society will also make available its great history to this and future generations, and honor or recognize persons for outstanding achievement or leadership in the industry. The Society funds a biennial American Poultry Historical Award through the Poultry Science Association, and funds and maintains the triennial selection of up to five new members for the American Poultry Hall of Fame. The Hall of Fame is maintained at the National Agricultural Library in Beltsville, Maryland, and members include such individuals as **E. M. Funk, L. E. Card, M. A. Jull, M. R. McClung, and F. Perdue** to name only a few.

In addition the Society encourages persons and organizations with valuable poultry artifacts and documents to preserve these items as a part of our agricultural heritage. The Society also works with museums and libraries throughout North America to preserve the correct image of poultry history. The Rice Library at Cornell University, the National Agricultural Library and the Smithsonian Institution are but a few of the places where the Society has placed material.

In 1974, the Society published the book *American Poultry History 1823-1973*. This 775 page volume was the most complete coverage of the history of any food animal species. In 1996 the *American Poultry History 1974-1993* was published, as a second volume to this work.

For information on becoming a member, or on ordering the historical book set write to the American Poultry Historical Society, 1675 Observatory Drive, Room 260 University of Wisconsin, Madison, WI 53706

SEND INFORMATION FOR THE NEWSLETTER!!!

We need information for the *PSA Newsletter*. If you know of a significant meeting being held, have new faculty (or employees) in your organization, or have achieved some significant milestone, please let us know so these items can be published in the newsletter. We all like to stay abreast of current information—so give us all a chance to share in your accomplishments, by sending the information to the *PSA Newsletter*.

Please send your information to Newsletter Editor Glenn Carpenter at: PO Box 279, Pittsboro, NC 27312, Fax them to: (919)542-8246, or E-mail: Glenn_Carpenter@ncsu.edu.

Coming Events!

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September 12-13, 1998

112TH AOAC International Annual Meeting and Exposition. Queen Elizabeth Hotel, Montreal, Quebec, Canada. Contact AOAC International, 481 North Frederick Avenue, Suite 500, Gaithersburg, MD 20877-2417, USA. Or phone +1-301-924-7077, FAX +1-301-924-7089 or e-mail: meetings@aoac.org

September 24-25, 1998

California Poultry Industry Federation Annual Conference. DoubleTree Hotel, Modesto, CA. For more information, contact the CPIF office (209) 576-6355

October 19-21, 1998

National Poultry Waste Management Symposium. Holiday Inn, Springdale, AR 72762; phone (501) 751-8300. For information about the conference contact Susan Watkins at the University of Arkansas at (501) 575-7902.

November 22-27, 1998

Fourth Asia-Pacific Poultry Health Conference. Melbourne, Australia. Sponsored by the Australian Veterinary Poultry Association. Contact Margaret Reid Pty Ltd., P.O. Box 341, Neutral Bay Junction, NSW 2089, Australia. FAX: +61 2 9909 3555; e-mail: mreidpl@intercoast.com.au. Conference web site: <http://www.avpa.cia.com/au>

December 7-10, 1998

3rd International Conference on Farm Animal Endocrinology: The Somatotropic Axis. Congress Center, Brussels, Belgium. Abstracts due July 1, 1998; pre-registration September 1, 1998. contact: secretariat, 3rd Conference on Farm Animal Endocrinology, University of Agronomy, Molecular Biology and Animal Physiology Dept. 13, Avenue Marechal Juin, B-5030 Gembloux, Belgium. Phone 32-(0)81-6232418; FAX 32-(0)81-613888; E-mail: GH.IGF\$FSAGX.AC.BE

February 9-10, 1999

1999 Australian Poultry Science Symposium. University of Sydney, Sydney, NSW, Australia. Contact D. J. Farrell, Queensland Poultry Research and Development Centre, Alexandra Hills, Queensland 4161, Australia. FAX: 61 7 3824 4316. When required, overseas participants should make application for a tourist visa at least 12 weeks prior to their proposed date of travel.

August 15-19, 1999

12th European Symposium on Poultry Nutrition. Veldhoven, The Netherlands. Organized by the WPSA Working Group No. 2, Secretariat WPSA 12th European Symposium on Poultry Nutrition, c/p Wageningen Agricultural University, Animal Nutrition Group, Dr. Rene P. Kwakkel, P.O. Box 338 6700 AH Wageningen, The Netherlands. Telephone: +31 317 482468 / 484082; FAX: +31 317 484260; e-mail: rene.kwakkel@alg.vv.wau.nl

September 19-24, 1999

20th International Congress of Refrigeration. Sydney Convention Centre, Darling Harbour, Sydney, Australia. For information contact: ICR99 Secretariat, 52 Roslyn Street, West Melbourne, vic, 3003 AUSTRALIA. Telephone: +61-3-9328-2399. FAX: +61-3-9328-4116. E-mail: icr99@airah.org.au.

October 3-8, 1999

10th World Congress of Food Science and Technology. Sydney, Australia. For information contact: AIFST Inc., PO box 1493, North Sydney, NSW 2059 AUSTRALIA. Telephone: +61-29-954-4499. Facsimile: +61-29-954-4327. E-mail: iufost10@foodaust.com.au.

Future PSA Meetings

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1998 — Pennsylvania State University — August 2–5
1999 — University of Arkansas — August 8–11
2000 — Preceding WPSA in Montreal, Canada — August 18–20
2001 — Indianapolis — July 24–28