



American
Registry of
Professional
Animal
Scientists

August Newsletter

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AUGUST 2006

News & Updates

2006-2007 ARPAS Governing Council

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Exec Vice-President:

[Dick Frahm](#)

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[Bill Braman](#)

Northeast Director:

[Bill Price](#)

Southern Director:

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CA Chapter Rep:

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2006 Governing Council & Business Meetings:

The ARPAS Governing Council held its annual meeting in conjunction with the ADSA/ASAS Joint Meeting recently held in Minneapolis, MN. We had another strong turnout for exams again this year, with 15 exams given onsite. Thanks to all who helped to make this another successful meeting. Minutes from the Governing Council and Business Meetings are being finalized and will be posted on the website as soon as possible.

General CEU Information:

As we approach fall, we wanted to provide you with a few reminders and tips for meeting your CEU requirements for 2006.

- ❖ All Associate, Full and Board Certified members are required to obtain 16 CEUs per calendar year. Emeritus members, as well as members who joined in 2006, are exempt from this requirement.
- ❖ At any given time, you can have a maximum CEU balance of 32. You can carry over up to 16 CEUs for 2007. Anything over 32 cannot be applied toward your membership.
- ❖ Failure to meet the required 16 credits could result in suspension of your certification. If you feel you will have problems meeting the requirement, please contact the Business Office for assistance.
- ❖ ARPAS maintains a list of approved meetings on our website. This list is updated as new meetings are approved. Please check the list for any meetings you may have attended.
- ❖ If a meeting you have attended is not on this list, chances are we have not seen any information on it. We are happy to look at meeting agendas and schedules to determine the number of credits for which a meeting will qualify. Please forward the agenda to either Dick Frahm (rrfrahm@adelphia.net) or Lisa Hamilton (lisah@assoqh.org) for review.

2007 Dues Information:

Renewal forms for 2007 will be mailed out from our offices in the coming weeks. As a quick reminder, those members who are Board Certified pay a different dues rate than Associate or Full members. Only those members who have taken the additional college exam(s) may renew at the Board Certified rate. Please look carefully at the form you receive if you are not certain what rate you should be paying. If you still have questions, please contact the business officer **before** you pay your dues.

2006 Affiliated Society Award Winners:

ARPAS would like to congratulate David Hawkins on his recent award received from ASAS. Dr. Hawkins was awarded the **2006 ASAS Industry Award** at the meeting in Minneapolis. Congratulations to Dr. Hawkins and all the award winners this year.

Tribute to Dr. Lowell Wilson:



Dr. Lowell L. Wilson January 3, 1936 – July 26, 2006

Dr. Lowell L. Wilson, Professor Emeritus of Animal Science at Penn State, died suddenly, leaving a tremendous void in many hearts. Dr. Wilson was an accomplished and world renowned professional in Animal Science. Born January 3, 1936 in Egan, IL, he served in the U.S. Army from 1954 to 1957. He earned his BS in Agricultural Education from the University of Wisconsin-Platteville, followed by an MS and PhD from South Dakota State University. From 1964 to 1966, he worked at Purdue University as an Extension Animal Scientist, where he is credited with founding the Indiana Cattlemen's Association. He transferred to Penn State in 1966.

Over the course of his career, he authored or co-authored over 140 peer-reviewed journal articles, presented or co-authored over 160 scientific abstracts and 600 industry oriented articles. In addition, he served on the graduate committees of 45 MS and PhD candidates in Penn State's Department of Animal Science. Especially dear to his heart, was his 19 year involvement in the Pennsylvania Governor's School for the Agricultural Sciences. Dr. Wilson was instrumental in the formation and conduct of several organizations, including the Pennsylvania Cattlemen's Association, Pennsylvania Beef Council, Pennsylvanians for the Responsible Use of Animals and Students for the Responsible Use of Animals. His ability to identify and focus on significant problems and to effectively enlist the efforts of others is a testament to his curiosity, imagination, industriousness and dedication to animal agriculture. He was the editor of the Professional Animal Scientist Journal and the Keystone Cattlemen magazine. Farming remained his true passion, raising commercial beef cattle. He was awarded the Cattleman of the Year from both the Pennsylvania and Indiana Cattlemen's Associations. Dr. Wilson was preceded in death by his wife, Mary Wilson, brother, Elwyn Wilson, and sister Glenda Bolen. He is survived by his loving fiancé Gloria Schniepp, his three children, Joan Potter and husband Gary of State College, Jon Wilson and wife Debbie of Potomac Falls, VA, and Richard Wilson of State College, four grandchildren, Amanda Potter of Austin, TX and Tyler, Connor and Blake Wilson of Potomac Falls, VA, and a brother Keith Wilson of Rockford, IL. In lieu of flowers, donations can be sent to the PSU Stockman's Club Memorial Award for Students, designated in memory of Dr. Lowell L. Wilson, c/o PSU Office of Development, 232 Ag Admin, University Park, PA 16802. Services will be held at the Koch Funeral Home, 2401 S. Atherton St., State College. Friends will be received from 4 to 7 p.m. on Saturday, July 29, and a Memorial Service will be held on Sunday, July 30 at 1 p.m.

Published in the Centre Daily Times 07/29/2006

Message from Dick Frahm:

We were shocked and deeply saddened by the unexpected and untimely death of our colleague and friend. Lowell attended the ASAS/ADSA meeting in Minneapolis and participated fully in the ARPAS Governing Council meeting and Annual Business meeting. He seemed full of enthusiasm and was looking forward to continuing as the Editor, The Professional Animal Scientist. Many of us will long remember the recent conversations we had with him. Lowell was an extraordinary individual. He exhibited a high level of professionalism in all that he did and was totally dedicated to serving animal agriculture. The high esteem and respect that the animal industry and the profession of animal science held for Lowell is reflected by him being honored with the ASAS Animal Industry Service Award in 1999. Lowell assumed the duties as Editor of the Professional Animal Scientist in 1999 and served in that capacity longer than any previous Editor. He has done a superb job as Editor. During his tenure the stature of the Journal has increased substantially and the number of issues increased from four to six issues per year. Lowell was a unique, talented, and highly respected individual. Many of us were privileged to have him as a friend. He will be missed.

Introduction of Dr. Wayne Kellogg, PASJ Editor-In-Chief:

The American Registry of Professional Animal Scientists is pleased to announce that Dr. Wayne Kellogg has agreed to become the Editor-in-Chief of the *Professional Animal Scientist Journal*. We are fortunate to find an editor who has both a long history of service to ARPAS and extensive editorial experience with scientific journals.

Dr. Kellogg has been a member of ARPAS for many years. His keen interest and leadership in ARPAS is demonstrated by service on the Governing Board as ADSA Representative, President Elect, President, and Past President. Additionally, he chaired the Nominating Committee and was a member of the Publications Committee. He is a Charter Diplomate of the American College of Animal Nutrition.

Dr. Kellogg and his colleagues have published several research articles in the *Professional Animal Scientist*. His areas of research have included ruminant nutrition, dairy and beef cattle management, forage production and quality, and trace mineral supplementation.

His editorial experience includes two, 3-year terms as Editor of the Nutrition, Feeding, and Calves Section of the *Journal of Dairy Science*. Previously he served as a member of the Editorial Board of *JDS*.

Dr. Kellogg who is a Missouri native and received his B.S. in Agriculture and M.S. in Dairy Husbandry from the University of Missouri. He earned his Ph.D. from the University of Nebraska. Dr. Kellogg serves as Professor of Animal Science at the University of Arkansas, Fayetteville. Prior to rejoining the faculty in research and teaching, he held the position as Head of the Department of Animal and Poultry Sciences at the University of Arkansas and previously was a member of the faculty at New Mexico State University. He and his wife Sue have four children and five grandchildren and are active in their church and community.

An Active ARPAS Member

Mitch Etchebarne is a nutritional consultant active in ARPAS. He ran for President-Elect this year. Mitch was born and raised in California. Growing up, a vet in Chico encouraged and helped him. Mitch's education is a bachelor's degree from California State University, Chico. He also did his graduate work in nutrition at Colorado State University, culminating with a Ph.D.

How did he get started? Mitch started as a feed lot consultant with Cargill. His next position was as the dairy extension advisor in Stanislaus County in Central California. Now he works as a dairy nutrition consultant in the same area.

As a consultant Mitch became involved in ARPAS. Many other ARPAS members are in the private sector where Mitch can connect with them. ARPAS stresses education and communication, and with this Mitch's involvement in ARPAS is a benefit for him.

CAST Papers:

The Council for Agricultural Science & Technology (CAST) has recently released two new issue papers that may be of interest for ARPAS members to share with their colleagues and the local media. The papers are: Issue Paper Number 33: Animal Agriculture's Future through Biotechnology, Part 4 – Biotechnological Approaches to Manure Nutrient Management (Task Force Chair, Xigen Lei, Cornell U); Issue Paper Number 34: Animal Agriculture's Future through Biotechnology, Part 5 – Safety of Meat, Milk, and Eggs from Animals Fed Crops Derived from Modern Biotechnology (Task Force Chair, Richard Phipps, U. of Reading, UK). CAST's Executive Vice President, John Bonner is holding briefings on these papers for government and industry representatives in Washington D.C. on September 13. Please visit the CAST web site at www.cast-science.org to get copies or email John Bonner at jbonner@cast-science.org.

Message from the Publications Committee:

The Publications Committee continues to be active, with the help of Lisa Hamilton and Dick Frahm, putting newsletters together. We hope they provide important and interesting information on ARPAS actives and short interest stories. We are continually looking for news and short interest story about our members and encourage members to come forward either with articles or with ideas for the Committee to produce articles. If you would like to contribute, please contact Bill Price at bill.price@fda.hhs.gov, any of the committee members or Lisa Hamilton at lisah@assochq.org. We are looking for three new committee members, particularly from the Midwest and Southeast. Kris Johnson, whose term is to expire in 2007, has notified us that she is no longer able to serve, so we are looking for her replacement. If you are interested in serving on the committee, please contact Wayne Greene or Bill Price.

Message from the ARPAS President:

Wayne Greene, PAS

It is my honor to serve as your president of ARPAS this year and I look forward to a successful year. I am supported by an outstanding Executive Committee and Governing Council. Know that they are working hard for the continued success of the Registry and planning events/programs to support you throughout this year of service.

The financial status of our organization is sound. I am told that a few years ago there was concern about the future of ARPAS due to our limited financial status. At that time, your existing governing council began work along with the Executive President and created a miracle. Today, ARPAS has met its goal of having a year's operating budget in cash and investments. We are on solid financial ground. This did not occur by itself and required the work and contributions of many. I credit a significant amount of this success to our corporate donors. These donors are all listed on our web page and I encourage you to review these and when the opportunity exist, express your appreciation to these companies for their continued support of our programs.

Our membership continues to grow currently standing at 1,392 members. Thanks to our membership committee led by the Southern Director, new contacts are being made and examinations are given in all areas of certification. I challenge each ARPAS member to identify an associate at your location that should be an ARPAS member and encourage them to take the exam. We are working on the development of study guides for each area of certification to alleviate any potential exam anxiety potential members may have before taking the exam. Any ARPAS member is qualified to administer an exam by contacting the ARPAS office in Savoy.

ARPAS Chapters are important for our membership growth. Chapters with 50+ members have a voting seat on the Governing Board and you are encouraged to form a chapter in your part of the country. We currently have 5 chapters and looking to add some more this year. Chapter activities are valuable for our membership. They provide interaction of professionals at the local level and provide opportunities for members to gain required CEU's to maintain their certification. Many of us obtain an abundant number of CEU's annually by participating in scientific meetings at the national level. However, others may not have this opportunity. We will be working on ways to provide those not able to travel to national meetings opportunities to obtain the needed CEU's to maintain their certification. I encourage Registry members hosting local educational programs to obtain approval for ARPAS CEU credits to be given for the various programs you may administering around the country. This only requires a copy of your program to be sent to the Savoy office with a request for CEU approval.

To support membership activities, the Executive Committee will be making a recommendation to the Governing Council during our mid-year meeting pertaining to our examination committee. We have been discussing the formation of an

Examination Board headed by an Examination Board Chairman with specific responsibilities related to our certification process. Some responsibilities of this position might be to serve as Head of an Examination Board covering all certification categories. The Examination Board responsibilities would ensure that examinations are up-to-date and complete along with developing and maintaining study guides, reading materials, etc for test preparation. Our examination process is foundation of ARPAS certification and we must ensure that we are doing the best job possible in this area. You will be hearing more about this process in the future as we move forward with our discussions and planning.

An outstanding article 'Professionals have Ethics Obligation' was published in the February 20, 2006 issue of Feedstuffs by your ARPAS Ethics Committee led by Dr. Dwain Bunting. The paper highlighted the advantages of ARPAS membership for providing professional certification and demonstrating the member's ethical commitment. We have received positive feedback from this paper and if you did not read it, I encourage you to track down a copy of this edition of Feedstuffs and review the article. I believe you will find it worthwhile to read.

Your Executive Committee and Governing Council will be working for you this year. If you have any issues, concerns, or opportunities for ARPAS, please bring them forward. We are here to serve.

From the Executive Vice President:

Richard R. Frahm, PhD, PAS, Dipl Animal Genetics

The ARPAS Governing Council meeting and Annual Business meeting in Minneapolis July 9 and 11, respectively, signals the end of another successful year for ARPAS. The minutes of those meetings will be posted on the ARPAS web site. Much is happening in ARPAS and this has been described very well in the President's message.

We express a big thank you to Will Seymour for a job well done as President of ARPAS this past year. The officers and Governing Council continue to work very well together as they tend to ARPAS business. ARPAS has been blessed with outstanding leadership. Thus, ARPAS is a dynamic and growing organization. There are several groups considering the formation of new ARPAS chapters.

Fifteen ARPAS exams plus one Nutrition Board Certification exam were administered at the ADSA/ASAS Annual meeting in Minneapolis. We have continued success with County Agricultural Extension Agents. Eleven exams were administered at the recent meeting of the National Agriculture County Agents Association in Cincinnati. We express special thanks to Randy Mills, Livestock Agent, Pendleton, OR for administering these exams.

We welcome Wayne Greene as the new President of ARPAS. He is off to a good start with lots of new ideas. He already has most of the committee assignments for the coming year. These are on the web site.

Anyone with concerns and suggestions about ARPAS please contact me directly or any of the officers or members of the Governing Council. Our purpose is to serve ARPAS.

Treasurer's Report:

Keith Lusby, Dipl. ACAN

Presented to the annual business meeting Tuesday, July 11, 2006

The complete Treasurer's report is included in the minutes of the Governing Council Meeting held Sunday, July 9 in Minneapolis. However, to summarize in a single sentence, the financial health of ARPAS is excellent with the PAS Journal growing and paying its own costs and a reserve about to be fully funded.

For calendar year 2006, ARPAS is projecting revenues of \$216,000 from member dues, journal subscriptions and interest from the reserve. The budget projects a net change in assets of about \$27,000. During the previous fiscal year (2005),

expenses were less than projected and income was greater than projected resulting in a net change of assets of \$49,000.

Beginning about five years ago, a goal of ARPAS was to set aside funds each year until a reserve equaling one-year's operating costs was established. We project that this should be accomplished this calendar year. With that reserve established, ARPAS will be able to utilize more of the budget to increase services to our membership and the budget approved by the Governing Council for fiscal year 2007 reflects that goal. We are in the process of evaluating institutions that manage these types of accounts. Balancing security with reasonable growth and minimizing management costs are key priorities.

2006 ANNUAL REPORT – PROFESSIONAL ANIMAL SCIENTIST:

Lowell L. Wilson, PAS

1. Papers/pages printed in 2000 through 2005 and (to date) 2006:

A summary of the numbers of papers and pages dedicated to the paper section of the PASJ are presented in Table 1. **Please note that any other information (sponsor listing or ads, letters from officers, etc.) is not included in these totals.** We continue to encourage submission of review and symposia papers although we publish more original research and case study manuscripts than reviews or symposia. We have rejected nine (9) papers in past 8 (eight) issues (9/89 papers = 10% rejection rate).

2. **Page charges:** Currently \$105, which is less than most journals; suggest no increase unless more financing needed to offset increased/unknown costs. We would be receptive to differential page charges for non-ARPAS members, but all authors are members of PSA, ADSA, or ASAS and should probably not be charged extra even if not ARPAS members.
3. Author and subject indexes published in beginning of 2001 issues; **must continue.**
4. We need to continually increase abstracting services—currently on Agricola, CAB International and Pro Quest Information and Learning System. **Need to continue sending sample copies to abstracting services at least once each year; also need to continue attempting to gain assistance/guidance from FASS in this regard.**
5. Request that each director, officer and other ARPAS representatives encourage their colleagues to **consider publication in PASJ; symposia proceedings welcomed.**
6. Suggest printed, hard-copy PASJ version continue to be made available and priced to be **self-supporting.**
7. Need special effort to increase the **number of institutional subscribers; continue complimentary providing to animal science departments.**

**Thanks for the opportunity to serve ARPAS through the PASJ.
Lowell L. Wilson, Editor-in-Chief
Professional Animal Scientist**

California Animal Nutrition Conference – May 10–11, 2006

Lawson Spicer, Dipl. ACAN & Barbara Barton, Dipl. ACAN

The 2006 California Animal Nutrition Conference (CANC) was held May 10-11, 2006 in Fresno, CA. The meeting was coordinated by the CANC steering committee with assistance from The California Feed and Grain Association (CGFA). CANC is not an industry, university, or government entity, but a committee collectively working together for the good of agriculture in California. The CANC meeting includes ruminant and nonruminant sessions and a poster session of

research being accomplished in the industry through universities. The pre-conference and conference are ARPAS approved for 5 and 7 continuing education units, respectively.

Additional proceedings from 2006 CANS meeting can be obtained from CGFA. Please contact Ann Quinn, CGFA, 1521 I Street, Sacramento, CA, 95814. Her contact numbers are 916-441-2272 (phone) or 916-446-1063 (fax).

The first session of the California Animal Nutrition Conference (CANS) is traditionally a technical symposium sponsored by a specific company. This year, the technical conference was sponsored by Novus International, Inc. The first speaker of the technical conference was Dr. Gretchen Myers from Michigan State University. She addressed the topic: Organic and Inorganic Mineral Absorption. Dr. Myers discussed the concept of bioavailability in regards to organic and inorganic trace element nutrition. She emphasized that studies comparing inorganic and organic mineral utilization need to be well designed and use appropriate status biomarkers. She also stated that much work needs to be done to evaluate trace mineral sources in the various stages of production for most species. Dr. S. C. Schasteen of Novus International presented a talk entitled: "Assessing Feed Ingredient Variation". Feed ingredient variability is an important component of formulating cost effective diets that closely match the animals' nutritional requirements. He presented information on Novus's IDEA (Immobilized Digestive Enzyme Assay) as means of assessing lysine and its digestibility using the specific example of evaluating the quality and usefulness of DDG in monogastrics rations.

Dr. Lyle Rode, from Rosebud Nutrition, presented a talk on "The Role of Amino Acid Nutrition in Dairy Rations". Dr. Rode discussed recent information regarding formulating dairy rations for lysine and methionine and proposed evaluating them separately rather than as a ratio. Dr. Mercedes Vazquez-Anon, from Novus International, talked about "The Use of Dietary Antioxidants in Ruminants". She discussed oxidative stress in high producing dairy cows. Dr Julia Dibner from Novus International gave a presentation on "Digestive Tract Management: Role of Organic Acids". She reviewed the recent research on development and functions of the gastrointestinal system and demonstrated how this information impacted our understanding of the interaction between the host tissue and the luminal contents of the gut.

The CANS was started by Dennis Ervin, CANS Steering Committee Chair. He welcomed attendees and introduced the first speaker, Joel Karlin from Integrated Grain and Milling. Joel talked about the Outlook for Proteins. The second speaker, Doug Dickson, from Pacific Ethanol, gave an overview of the Outlook for Ethanol.

The evening events included a barbeque sponsored by The Animal Science department at Cal State Fresno and coordinated by Dr. Anne Rodiek. This popular event is held at the Cal State University - Fresno Ag campus and is greatly enjoyed by all that attend the event.

The CANS meeting continued on May 11th. Three sessions were presented, in the morning a joint or general session and in the afternoon at the same time a ruminant (dairy) and a non-ruminant (poultry and horse) session.

In the joint session, Dr. David Schingoethe talked on "Feeding Ethanol Byproducts to Dairy and Beef Cattle." Distillers, grains, and corn gluten feed are the major by products of ethanol production.

An interesting new area of research on dairy cattle was a talky by Dr. Marina Von Keyserlingk with the animal welfare program at the University of British Columbia. She gave a presentation on "Maximizing the Potential of Your Ration Through Increased Understanding of Dairy Cow Behaviour." Her key points were increases in herd size and group housing put increased pressure on intake patterns and thus animal performance.

Other talks in the joint session were by Dr. Matthew Waldron, who talked on "Linking the Incidence of Metabolic Disorders and Infectious Disease in

Periparturient Dairy Cattle." A presentation on "Antibiotic Growth Promoters and the Intestinal Immune Response," was given by Dr. Julia Dibner.

There were three talks during the afternoon session. Professor Patrick Hoffman talked about laboratory procedures to predict lactation performance of corn silage. Opportunities for consulting nutritionists on the relationship between feed management and whole farm nutrient balance was discussed by Dr. Joe Harrison. Why we should balance dairy diets for starch and sugar was presented by Dr. Stephen Emanuele.

There were three non ruminant talks. A revision on the nutrient requirements was presented by Dr. Laurie Lawrence. In regards to poultry Dr. Alex Corzo talked about "Dietary Protein Supply on Nutrition and Ammonia." Dr. Doug Korver presented a talk on "The Influence of Maternal Broiler Breeder Nutrition on Chick Immune Function." The CANC meeting was well attended and is in Fresno, California in May of each year.

S-PAC:

Barbara Barton, Dipl. ACAN

S-PAC – stands for - Searchable Proceedings of Animal Conferences. It is a subscribable, searchable electronic database of proceedings from major animal production and management conference proceedings database. A search engine allows you to query all of the proceedings in the data base for the specific information you need. There are basic and advanced search engine capabilities. New conferences and proceedings are being added as they become available. The annual subscription rate for professional members is \$75.00, Graduate Student rate is \$10.00, Undergraduate student rate is \$5.00, and non-member rate is \$150.00. There are also subscription opportunities for corporate and institutional subscribers at the web site

At this point in time there are 16 available conferences with 1140 proceedings available. There is also a calendar listing of current dates and locations for upcoming conferences. The calendar list provides a link to conference web pages, providing additional information about particular conferences, including registration and other meeting details.

The SPAC web site can be reached via the American Dairy Science Association web site (www.adsa.org). It is a featured item on the opening page when you access the website.

As always, we appreciate hearing from members, whether it be questions, concerns or suggestions. Please let us know if we can be of assistance to you.

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