

ARPAS

American
Registry of
Professional
Animal
Scientists

December Newsletter

DECEMBER 21, 2005

DECEMBER 2005

News & Updates

2005-2006 ARPAS Governing Council

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Will Seymour

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Harold Radloff

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Dwain Bunting

Northeast Director:
Bill Price

Southern Director:
Darrell Johnson

Western Director:
Carl Hunt

CA Chapter Rep:
Nick Ohanesian

2006 ARPAS Governing Council Conference Call:

The Governing Council has set their 2006 Mid-Year conference call for Thursday, January 26, 2006 at 2 PM EST.

2006 ARPAS Governing Council Meeting:

The Governing Council has decided to meet on July 9, 2006 from 8-5 in conjunction with the ADSA/ ASAS Joint Meeting to be held July 9-13 in Minneapolis, MN. The date and time for the ARPAS Business Meeting will be announced later.

Dues & CEU Reminder:

2006 dues and 2005 CEU forms are due into the business office by December 31, 2005. Failure to send in your dues by the end of the year could result in suspension of your membership. Please contact Lisa Hamilton (lisah@assoqh.org) if you need assistance.

2005 Award Winners:

ARPAS would like to congratulate the following members who received awards at Affiliated Society meetings during 2005.

Equine Science Society:

- *Dr. Pete G. Gibbs, Outstanding Educator Award*
- *Dr. Robert J. Coleman, Distinguished Service Award in Equine Science*
- *Dr. William A. Schurg, Fellow of the Equine Science Society*

American Society of Animal Science:

- *Dr. Louis J. Boyd, Fellow – Administration Category*
- *Dr. John Thomas Johns, Fellow – Extension Category*
- *Dr. Dean E. Hodge, Fellow –Industry Category*
- *Dr. Donald C. Mahan, Fellow – at-Large Category*
- *Dr. Robert P. Wetteman, Animal Physiology and Endocrinology Award*
- *Dr. Joseph G. Sebranek, Meats Research Award*
- *Dr. N. Andy Cole, Animal Management Award*
- *Dr. John M. Bonner, Animal Industry Service Award*

American Dairy Science Association:

- *Dr. Randy Shaver, DeLaval Dairy Extension Award*
- *Dr. Lawrence Muller, ADSA Award of Honor*

ARPAS congratulates these and all members who were honored for their work in the animal sciences throughout the past year.

Membership Quote:

How can ARPAS contribute to your status as a professional in the animal sciences? Lawson Spicer recently posed this question to Dr. Al Kertz, a dairy consultant in St. Louis, MO.

Dr. Kertz's response: "ARPAS, by defining minimum professional standard, elevates the standards of all who participate and commits them to raising the standards in our profession by their active participation in ARPAS."

Message from the Publications Committee:

The Publications Committee, with the help of Lisa Hamilton and Dick Frahm, have put this newsletter together and hope it provides important and interesting information on ARPAS activities and the accomplishment of ARPAS members. We are continually looking for short articles on member accomplishments and activities ARPAS members should know about. If you would like to contribute, please contact Bill Price at bill.price@fda.hhs.gov, any of the committee members listed below, or Lisa Hamilton (lisah@assoqh.org). We are still looking for ARPAS members to serve on the Publications Committee, particularly from the Southeast and Midwest regions. If you are interested, please let Will Seymour or Bill Price know.

Publications Committee Members:

Bill Price, Dipl. ACAN, NE Director & Chair (bill.price@fda.hhs.gov)

Barbara Barton, Dipl. ACAN (barbara.barton@monsanto.com),

Karin Bump, PAS (kbump@cazenovia.edu),

Kris Johnson, PAS (johnsoka@wsu.edu)

Lawson Spicer, Dipl. ACAN (lsphd7940@aol.com).

Message from the ARPAS President: **Will Seymour, Dipl. ACAN**

November is a good month for reflection and gratitude. Please take time to reflect on the value of ARPAS membership and certification and its' potential value in the future if we are willing to work at growing and strengthening the ARPAS organization.

This past July the ARPAS Governing Council identified key issues and action items for the 2005-2006 year which I described in the last newsletter. These areas are being addressed by a number of ARPAS members, among them officers, council members, regional directors and PAS who are willing to give of their time to make ARPAS a better organization. It has been enjoyable for me to talk with fellow PAS at some of the conferences that I have been able to attend this fall. These include the Pet Food Institute annual meeting, the Cornell Nutrition Conference, the California ARPAS Continuing Education Conference and the Penn State Dairy Nutrition Conference. There are ARPAS members

active in all these industries and organizations. It has been gratifying to have ARPAS members approach me to discuss issues of concern and to volunteer their time to serve the organization. I truly appreciate it as do the members of the governing council. I also appreciate the support and hard work of my fellow ARPAS officers and governing council members, our EVP Dick Frahm and FASS support person Lisa Hamilton. I would also like to thank Dr. Lowell Wilson our PAS journal editor and Dr. Marit Arana our exam coordinator for truly excellent service.

Below are some thoughts and concerns on ARPAS activities and issues we face as an organization. Please excuse the brevity of comments or omission of details. Please contact me for further information.

1. ARPAS now has an ad-hoc environmental committee led by Dr. Luis Solorzano along with Dr. Andy Cole and Mike Dubois. The committee has assembled a data base of over 100 environmental experts that will eventually serve as a resource for ARPAS members dealing with environmental regulatory issues in the field. Details and logistics need to be worked out but the data base is foreseen as a member's only resource available on the ARPAS web site.

2. In a related development and thanks to Dr. Bill Sanchez of the Northwest chapter, ARPAS was invited to attend an organizational meeting for a new eight state environmental education project titled below:

Conservation Innovation Grant Summary Concept Briefing Paper

Title: Development and Implementation of a National Feed Management Education Program and On-Farm Assessment Tool

Project Team – National Team lead by Joe Harrison, WSU; Al Sutton, IN; Rick Koelsch, NE; and Robert Burns, IA.

This is an NRCS grant. The organizational meeting was attended by Dr. Ken Cummings and Dr. Luis Solorzano. Due to the involvement of NRCS and the TSP agreement between NRCS and ARPAS there was a lengthy discussion on how ARPAS can participate in the feed management aspects of the program. There is quite a bit more to be worked out and the feed management assessment is currently voluntary but could well be mandated by some states as part of their clean water legislation. Our representatives are continuing to work on this and we should thank them.

3. ARPAS will be the primary sponsor of a symposium at the 2006 ADSA/ASAS annual meetings addressing the topic of feedstuff variability in dairy rations. The program committee and ARPAS have worked out a list of speakers and topics for the symposium including Dave Mertens, Rick Kohn, Jim Fadel, Normand St. Pierre and Bill Weiss. In addition to being a current topic of interest to ARPAS members this symposium should also help to promote and enhance the national image of ARPAS among academics and companies serving the livestock industry.

4. The Northwest Chapter held its annual seminar at the Pacific Northwest Nutrition conference where Dwain Bunting, chair of the Ethics Committee made a presentation. Thank you to Dwain and to Bill Sanchez for organizing the meeting. It is noteworthy that this chapter holds a student paper competition and awards academic scholarships to participating graduate students, an excellent liaison with universities.

5. The California ARPAS conference was once again an excellent event. Dr. Carl Old organized and participated in a seminar series on modeling the ruminant system and there was an additional section on environmental issues facing the dairy industry in California (and soon other states if not already). This was well organized and thought provoking with top notch speakers. This chapter also supports graduate students by paper presentations at the conference and through scholarships.

6. In the Northeast a committee has formed to initiate regional CEU activities and hopefully leading to formation of a regional chapter. Dr. Tim Snyder was the originator of this idea and several ARPAS members have stepped up to help organize. Special thanks to Dana Harvatine, Mike Barry (a new member by the way), Dave Kirk, Mark Wagner and Penn State Animal Science Department head Dr. Terry Etherton. The committee is considering an ARPAS seminar to be held in conjunction with one of the existing nutrition conferences in the Northeast with an eye on a stand-alone, one-day seminar on topics of interest to be held each spring. This may involve holding two duplicate sessions in different locations to allow members to be within driving distance.

7. We in the livestock industry are becoming increasingly regulated on several fronts. Clean water legislation has now filtered down from the Federal Government into state law and regulations in many states. EPA air emission regulations are on the horizon. Animal welfare regulations are in the Code of Federal Regulations but currently not enforced for livestock with the exception of horses. However consumer and activist group pressure continues to push forward various animal welfare "reforms" or "commercial regulations" via the chain restaurant association and the grocery chain marketing association. For this and other reasons ARPAS chose to accept the invitation to be a founding member of PAACO, which seeks to certify animal welfare auditors based on scientific standards of animal welfare and accredited training programs. The PAACO board continues to work on the difficult issues involved in this process. A good summary article on this issue is found at: <http://www.foodsystemsinsider.com/articles/0411/0411consumerstalk.htm>

8. **Membership:** we must continue to promote the value of membership in ARPAS and of the PAS professional accreditation. Please take the time to speak with other ARPAS members about the organization and find out if they are keeping up their membership. Of course we also ask that you actively recruit new ARPAS members and mention ARPAS in conversations with university faculty or staff. Complimentary subscriptions to the PAS journal are available to colleges and universities so ask whether they are taking advantage of this. More companies are promoting ARPAS membership and PAS accreditation for their employees that work directly with livestock. We have also had positive responses from Cooperative Extension thanks to Dick Farm's efforts. Please keep in mind that ARPAS CEU credits are potentially available for extension outreach meetings such as feed dealer meetings or animal health seminars. Just request a copy of the agenda and submit it to the ARPAS office before the meeting or seminar in order for CEU credits to be established. Let's continue to support and strengthen ARPAS both for our own benefit and for the benefit of future animal scientists who deserve the chance to work freely as professionals in the livestock industry.

From the Executive Vice President:
Richard R. Frahm, PhD, PAS, Dipl Animal Genetics

ARPAS is its members. In order for ARPAS to be sustained as a dynamic and relevant organization, continuing effort needs to be directed toward increasing the number of highly competent professionals who qualify for membership. In July there were 1,523 members. However, there were 160 of those who had not yet paid their 2005 dues and submit their required CEUs. The Membership Committee has been working diligently to encourage as many of these 160 members to take the necessary steps to continue their membership in ARPAS. Unfortunately, despite these efforts, there will be some number that will not send in their dues and CEUs by December 31. According to the ARPAS Bylaws, these will be dropped from the Registry. This illustrates that each year we need to recruit new members in order to keep ARPAS membership numbers from being reduced. It is important that every effort be made to minimize the annual attrition rate and to recruit sufficient new members to have a net growth of new members each year.

When I became the Executive Vice President, it was made clear that a major part of my responsibility was to promote ARPAS and recruit new members. I take that responsibility very seriously. I personally believe that the long term success of ARPAS will be dependent on recruiting new, young Animal Scientists. Thus, I have directed considerable effort to recruiting new members from the young professionals as they complete their academic degrees. I have been working with Department Heads about this. In February I made a presentation in San Antonio, TX at the National Meeting of Department Heads in the Animal Sciences. In October I made a presentation in San Marco, TX at the annual meeting of the American Association of State Colleges of Agriculture and Renewable Resources. This organization consists of 64 Non-Land Grant Institutions that offer academic degrees in agriculture. We currently have 37 Departments that are receiving a complimentary copy of the Professional Animal Scientist Journal to display for student use. I believe this will prove to be an excellent way to expose students to the opportunities provided by ARPAS. I would encourage all members to be alert to opportunities to promote ARPAS to students. I would encourage ARPAS members living in close geographic proximity to colleges and universities offering Animal Science Programs to contact the Department Head or a Faculty Member and offer to make a presentation to a class or student club about the importance of professionalism and the opportunities available through membership in ARPAS. As a minimum you can provide an ARPAS brochure to be posted on a student bulletin board.

Another group of professionals that I have targeted for recruiting efforts is County and Regional Extension Educators. I made a presentation at the National Association of County Agricultural Agents Conference this past July in Buffalo, NY on "Professionalism and ARPAS". At this Conference 13 people applied for ARPAS membership. Impressively, all 13 passed the exam and qualified for membership. There would appear to be much potential for ARPAS membership within this group of professionals. ARPAS members can be very helpful by visiting with those County Agricultural Agents that they know who have an Animal Science background and interest. Remember, any ARPAS member may administer an ARPAS exam.

On an ongoing basis we continue to promote ARPAS with a display and offer the opportunity to take exams at National and Regional professional

meetings in the Animal Sciences. During 2005 this included: ASAS/ADSA Annual Convention, Southern Section ASAS, Midwest Section ASAS/ADSA, Western Section ASAS, Equine Science Society, and PSA. In addition, similar efforts were made for several prominent industry conferences, I covered the Tri-State Dairy Nutrition Conference, and ARPAS members covered the Cornell Nutrition Conference, the California Chapter Annual Symposium, the 4-State Professional Dairy Management Seminar, and the Mid-Atlantic Nutrition Conference. I would encourage ARPAS members that participate in appropriate conferences in Animal Agriculture to take the lead in promoting ARPAS membership and providing an opportunity to take exams at that meeting. Let the ARPAS Headquarters Office and I know of your efforts so we can list it on the ARPAS web site and provide you with appropriate materials.

Membership in ARPAS is an increasingly important professional credential. I hope all ARPAS members are proud to be "Professional Animal Scientists" and will respond to opportunities to recruit outstanding professionals to become ARPAS members.

THE "VALUE ADDED" BY ARPAS MEMBERSHIP **By Kenneth R. Cummings, Dipl. ACAN**

One unit of a commodity is indistinguishable from another unit and has no more value. To become distinguishable we must add value and cease to be a commodity. Lest you forget, when you became a member of the American Registry of Professional Animal Scientists (ARPAS) you added personal value and rose from the commodity ranks of animal scientists.

Much of the following commentary has been taken directly from our ARPAS website, constitution, bylaws and existing ARPAS literature. Very little new has been added because the original foundation was very strong. Plagiarism may not be the correct term for my liberal borrowing since I am acknowledging my sources upfront. What ever new I have added is certainly strengthened by the collective wisdom of those who drafted the original words. I would suggest that you review the sources of this information also.

The need for this organization was framed by this statement, "Modern animal agriculture, and society in general, are becoming more complex, with more governmental regulations and controls, more litigation, and more need for accountability and certified credibility. In this climate the registration, certification, and professional stature provided by ARPAS will become increasingly important".

Our founder's vision is stated in the preamble to our constitution: "To meet the need for a national registry of Animal Scientists qualified to provide technical service and to provide evidence of this professional competence to the public, to members of other professions and to the profession of the Animal Sciences (meat and fiber producing animals, dairy, poultry, equine, and companion animals) itself, the American Registry of Professional Animal Scientists (ARPAS) was established on August 7, 1984.

ARPAS is a professional society affiliated with the American Society of Animal Science, American Dairy Science Association, Poultry Science Association, Equine Science Society, American Meat Science Association, and other scientific associations with an interest in the purpose of the Registry, but is not accountable to and does not speak for those scientific associations. The Registry is responsible to its membership and Governing Council. The Registry is self-governing and self-supporting through dues

and fees assessed its members.

Our name: This organization shall be known as the American Registry of Professional Animal Scientists (ARPAS).

Our purpose: It shall be the purpose of this organization to provide registration of professional status for qualified members of the Registry, to strengthen the Animal Sciences among the professions and to promote the profession of the Animal Sciences. The Registry shall be open to all Animal Scientists who meet the requirements for professional registration as established by the Registry.

Our mission: ARPAS provides certification of animal scientists through examination, continuing education, and commitment to a code of ethics. ARPAS catalyzes continual improvement through publications (including the PAS journal) and by providing information on educational opportunities. The principal Core Competency of ARPAS is certification of professional animal scientists.

You are a member of ARPAS because:

1. You are fully qualified as a professional animal scientist by training and experience.
2. You take pride in your profession and you want others to recognize your feeling.
3. You believe that being designated a professional animal scientist will contribute to your success.
4. You believe that continuing education is essential to personal and professional development.
5. You believe in adding value so that your clients/customers get value added.

Who can benefit from ARPAS Membership? Anyone engaged in the practice of one of the Animal Sciences through research, education, extension, consulting, service, or production. Tell other "animal scientists" about the "added value" you have acquired from being an ARPAS member and give them a copy of this article. Also, make sure you add your PAS or Diplomate designation to your correspondence and business card.

News from the Equine Science Society (ESS):

Karin Bump, PAS

The members of the Equine Science Society (formerly the Equine Nutrition and Physiology Society) met for their Nineteenth Symposium this summer. Hosted by the University of Arizona, the meetings were conducted at the Omni Tucson National Golf Resort and Spa from June 1st to the 3rd. The Mission of the Equine Science society is to "promote quality research on equine nutrition and physiology and to establish effective communication among researchers, teachers, extension, and production personnel regarding equine nutrition and physiology. The Society also conducts periodic symposia and cooperates with other organizations having similar or related interests". Certainly ARPAS is an organization that the Equine Science Society considers an important partner in the mission to enhance and improve animal science and continues to enjoy its productive relationship with the organization. This year, 17 applicants were administered the ARPAS certification test during the ESS meetings and 8 of those applicants were successful in earning their ARPAS credentials. Each year the cross-over membership between ARPAS and ESS continues to grow, signifying the importance of

collaborative efforts between these organizations as well as the value of certification programs such as ARPAS for professionals in animal related fields of practice.

ARPAS CHAPTERS

Richard R. Frahm; Ph.D., PAS, Dipl. Animal Genetics

The ARPAS Bylaws provides for the establishment of ARPAS Chapters (see Bylaws Article XIV). Chapters are to be organized for a defined geographic area. The geographic area of a Chapter shall be limited so as to ensure maximum participation of all members in Chapter functions. Chapter members are required to be ARPAS members in good standing. A minimum of 15 members of the ARPAS Registry shall be required for the formation, chartering, and continuance in good standing of a Chapter.

It is a relatively simple process to establish an authorized ARPAS Chapter. To establish an ARPAS Chapter, the organizing committee submits a petition proposing the new ARPAS Chapter to the Governing Council for approval. The petition needs to define the territorial limits of the Chapter, include a set of Bylaws that sets forth that process of governance for the Chapter, and establish that an organized unit of at least 15 members of the ARPAS Registry already exists. Any ARPAS Chapter that has 50 or more members is entitled to have a representative to serve as a Director on the Governing Council. At the present time, the California Chapter is the only Chapter that qualifies for a Director's seat on the Governing Council.

At the present time there are five active ARPAS Chapters. Also, there are two potential new Chapters that are under discussion by organizing groups. A brief description of each of these Chapters is presented as follows:

Arkansas Chapter. Contact person: Dr. Zelpha Johnson, Secretary/Treasurer 479-575-2983, zelphaj@uark.edu).

The Arkansas Chapter of ARPAS was organized in 1989. Currently there are about 25 members from all areas of the state. The chapter has two meetings a year. For the past few years, the fall meeting has been in conjunction with the Arkansas Nutrition Conference where a short business meeting is held one afternoon. The spring meeting has been held in various locations throughout the state. At this meeting members usually meet for lunch, hold a short business meeting and then have an educational tour in the afternoon. Current officers are Jim Tollett, past-president; Bob Hill, president; Mike Looper, president-elect, and Zelpha Johnson, Secretary/Treasurer. A. Hayden Brown is the Chapter representative to the American Society of Animal Science and Phillip Smith is the Chapter representation to the Poultry Science Association.

California Chapter. Contact person: Dr. Marit Arana, Past-President (209- 847-1721, marit.arana@al gilbert.com)

The California Chapter of ARPAS started in 1986 and our first annual Continuing Education Conference (CEC) was held in the fall of that year. In addition to the many hours of continuing education during the annual CEC we hold the Chapter business meeting and award graduate student

scholarships. The current chapter membership is 91 paid members. To be eligible for CA Chapter membership, an individual must be a current member of National ARPAS and reside in California, Oregon, Nevada, or Arizona or conduct a majority of their business in California and have paid the current chapter dues of \$10/year. The majority of the Chapter members are from industry with only 10% from academia. Standing committees of the Chapter include; environmental stewardship, by-product feedstuffs and the Chapter's version of the National ARPAS standing committees. The environmental stewardship committee is responsible for keeping the Chapter members current on the ever changing state and national air and water regulations concerning animal agriculture. The by-product feedstuffs committee has published one study of the chemical variation of by-product feedstuffs commonly fed in California (PAS Journal, June 2000), and is in the process of completing the manuscript for Phase 2: Protein By-products. Communications with the Chapter's members is accomplished via the Chapter website (www.arpasca.org), quarterly Chapter newsletters and mass e-mail when needed. The California Chapter qualifies for and has a representative that serves as a Director on the ARPAS Governing Council.

Colorado/Wyoming/Western NE/Western KS Chapter. Contact persons: Dr. Jeff Heldt, President (970-491-6233, jsheldt@landolakes.com) or Dr. Jack Whittier (308- 783-5138, jack.whittier@colostate.edu)

The Chapter is made up of a combination of academia and industry professionals in the upper Great Plains Region. This group works very diligently to bring these two segments of agriculture together to support the livestock producers in the area. The main educational emphasis is the sponsorship of the Colorado Nutrition Roundtable. This event is always held the fourth Thursday of March and September. This event has a combination of scientific and practical solutions and approaches to improved livestock production with the main emphasis on beef cattle. The group continually tries to recruit new members and has an active membership of about 25 people.

Pacific Northwest Chapter. Contact person: Dr. Josh Szasz, President (208-301-5682, Josh.Szasz@cargill.com)

The Pacific Northwest Chapter of ARPAS is comprised mainly of feed industry professionals and university faculty from Washington, Oregon and Idaho. The Chapter meets once annually during the first evening of the Pacific Northwest Animal Nutrition Conference; this conference typically meets during the first or second week in October. The Chapter meeting consists of a business meeting and a guest presentation on a current animal nutrition topic. The Chapter occasionally hosts seminars with the proceeds used to fund a scholarship for junior or senior students interested in pursuing an advanced degree in animal nutrition.

Washington D. C. Chapter. Contact person: Dr. Vernon Pursel, Treasurer (301-854-9758, vpursel@comcast.net)

The Washington D.C. Chapter of ARPAS holds noon luncheons once a month during the fall and winter months. The President-Elect invites a guest speaker to make a 30-minute presentation on some aspect of

animal agriculture at these luncheons. Usually 20 to 30 members and guests attend each of these luncheons. In late April or early May the Chapter sponsors a half-day mini-symposium with five or six speakers on some topic that is currently of keen interest to animal agriculture. At the conclusion of the mini-symposium an annual Banquet is held at which four upper class Animal Science students from the University of Maryland are recognized for their academic achievements and the Chapter's Distinguished Service Award is presented to a worthy animal scientist.

Potential New Chapters. Interest has been expressed and discussions are in progress concerning the development of two new chapters. These are: (1) Texas, New Mexico, and Oklahoma Great Plains Area (contact person: Dr. Andy Cole, 806-356-5748, nacole@cprl.ars.usda.gov) and the Northeast Region (contact persons: Dr. William Seymour, 973-257-8371, william.m.seymour@dsm.com or Dr. Larry Chase, 607-255-2196, lec7@cornell.edu).

ARPAS members residing in any of these geographical areas, who are not already involved with the local Chapter, are encouraged to contact the appropriate person and join. There is a lot of enthusiasm and stimulating activities within the chapters. You will find that participating in a local ARPAS Chapter to be a professionally rewarding and satisfying experience. The ARPAS Chapters are making significant contributions to the ARPAS organization. The ARPAS Governing Council is highly supportive of expanding the number of ARPAS Chapters. The Executive Committee is available to assist any group that would have interest in forming an ARPAS Chapter.

CA ARPAS Chapter Meeting Review:
Harris Ranch, 10/27/2005

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

The annual Continuing Education Conference of the CA ARPAS Chapter was held on October 27 & 28, 2005 (the last Thursday and Friday of October) at the Inn at Harris Ranch in Coalinga, California. The following is a summary of the presentations and activities attended by the 130 participants.

The first day of the CA-ARAPS meeting was focused on modeling as related to feeding standards and animal performance. Dr. Carl Old, along with co-author Dr. Jim Oltjen, presented a review of feeding standards and models of animal performance. Their presentation set the basis for the Dr. Lee Baldwin (Professor Emeritus – University of California Davis) presentation entitled: "The Genesis of the Molly Model".

Dr Baldwin shared his insights that went into developing the Molly model and much of the reasoning behind the unique aspects of the model. Dr. Heidi Johnson then demonstrated the operation of Molly with hands on demonstrations of how the model can best be used test theories and predict production responses. Her presentation was co-authored by Drs. Peter Robinson and Lee Baldwin, Animal Sciences Department, UC Davis. The series of three papers highlighted the enormous contribution that Dr. Lee Baldwin and his many collaborators have made to our understanding of ruminant digestion and metabolism.

Dr. Tim Carpenter, School of Veterinary Medicine, Center for Animal Disease Monitoring and Surveillance, UC Davis talked about his research focus on Modeling the Spread and Control of Foot and Mouth Disease. He

talked about the current knowledge regarding Foot and Mouth Disease occurrence, causes, signs, transmission, and eradication. Next he demonstrated their efforts to develop a model, based on Foot and Mouth Disease, which will assist in providing critical information to regulatory decision makers regarding manpower needs, relative efficacies of control strategies, awareness and vulnerability of the system if there were an outbreak. He demonstrated the work that is being done to test and validate the model. The first day of the meeting ended with a lively social hour.

On Friday, the second day, the morning session started with University research updates. Dr. Alan Pettey from Cal Poly San Luis Obispo University updated the participants on research ranging from immunology to range science. Also, the plans for the relocation of the feed mill, meat processing plant, nutrition facility, feed lot and livestock evaluation center was presented.

The next two presentations focused on environmental regulations of the dairy industry as given by extension specialists from the University of California at Davis. Dr. Deanne Meyer, the livestock waste management specialist talked about "the nutritionists' role in regulatory compliance". She reviewed current water regulations, whole farm nutrient balance and how ARPAS members can help producers and the dairy permit advisory group to identify the best available control technology to reduce emissions for new and expanded facilities. Dr. Frank Mitlohner, the air quality specialist, presented current dairy air quality issues and regulations. He focused on completed and current research of volatile organic compounds as they relate to air quality standards concerning dairy cattle.

The CA ARPAS Chapter finished the morning session with presentations by three graduate students who all received \$1000 scholarships from this chapter. The Kutches Memorial Scholarship was given to Michael Ballou who presented his research on the acute phase response and immune competence of dairy calves. The two chapter memorial award presentations were by Ramesh Selvara on dietary lutein and fat interact to modify immune functions in chicks, and by Jesse Wanties on the effects of feeding fat on the lactation performance of dairy cows under summer heat.

The conference ended with a bag lunch and the CA ARPAS Chapter business meeting presided over by Bill Choppe, the current Chapter President. Highlights of the meeting were a National ARPAS presidents report by Will Seymour, a report by John Miller on the by-products and feedstuffs study, and a surplus financial status of the chapter changes to the scholarship program and 93 paid chapter members.

Information on obtaining a copy of the proceedings can be found at www.caarpas.org.

The Professional Animal Scientist Journal Board
Lowell L. Wilson, PAS, Editor-in-Chief

The Professional Animal Scientist Journal published two additional manuscripts and about the same number of pages in 2005 compared to 2004. We are receiving manuscripts electronically (llw@psu.edu), although we currently transmit the manuscripts to reviewers and to

authors as hard copies. The PASJ continues to be self-supporting, and in order to assure all cost recovery, a page charge increase of \$10 per page (to be \$105) as of January 2006 will be in effect. We continue to offer printed copies of the PASJ, and as in the past few years, the printed copy subscription rate must equal printing costs. We have found that some ARPAS members and others prefer printed copies of the PASJ, and we plan to continue to have an attractive publication for those who wish to have hard copy of the PASJ.

We are requesting volunteers for the Editorial Board --- if interested, please complete the attached form and send (US mail preferred) to me. We will make new as well as continuing 3-year appointments to the PASJ Editorial Board in January, 2006. Please note also the requests for suggested titles and authors of review, original research, case study or technical note manuscripts.

With regard to our request for volunteers or nominations for members of the editorial board, I'd like to relate the results of such a request a few years ago. We had 49 scientists – from industry and academia – respond. Naturally we could not place all on the editorial board, but I certainly appreciated the willingness of so many qualified persons to serve. That type of response surely made me feel that the PASJ was of true interest and concern to essentially all segments of animal agriculture and to many scientists. Thanks for all the cooperation we have received from the editorial board, authors and the ARPAS Governing Council. Thanks for listening.

Please send the attached form and any comments or suggestions to: Lowell Wilson, PhD, PAS, 862 Webster Drive, State College, PA 16801 (llw@psu.edu); (814-238-5888, phone; 814-238-7914, fax).

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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