MINUTES
Annual ARPAS Governing Council Meeting
Marriott Hotel, Kansas City, MO
Room: Julia Lee A/B
Sunday, July 20, 2014, 8:30 am - 4:00 pm

I. Call to order, roll call and introductions
President Mike Galyean
Those present were: Michael Galyean; Ellen Jordan; Carl Hunt; Bill Braman; Jamie Ritter; Kenneth Cummings; Wayne Kellogg; Joined at noon - Bill Price; Arrived ~1:30, Marit Arana; Joanne Knapp; Dwain Bunting, Dwain; Jud Heinrichs; Paul Beck; Jack Garrett; Carl Old; Joanne Knapp; Robert Wettemann; Terry Mader; Steve Schmidt; and Moe Bakke.

II. Approval of Agendas and Announcements
Mike Galyean
a. 2014 Governing Council Meeting
b. Annual Business Meeting Tuesday, July 22, 2014
c. Review of ARPAS activities during this meeting
d. Sign-up sheet for ARPAS Booth during the meeting – Passed around
e. ARPAS Exam Schedule during meeting – Exams 2214; Paper exams here since not sure of Wi-Fi and number of computers.
f. Reception for Dist. Prof. An. Scientist-Mon. 9 pm Conv. Ctr. Orange Ballroom area

III. Approval of Governing Council Minutes-2014 Mid-Year
Mike Galyean
Draft minutes were available for viewing at http://arpas.org/society.asp?view=minutes
Motion – Steve Schmidt moved and Jack Garrett seconded the motion to approve the minutes from the mid-year meeting. No further discussion. Motion passed.

IV. President’s Report
Mike Galyean
President Galyean submitted an electronic report. He recognized both Jeremy and Kenneth for providing outstanding support. Maintain membership base and make sure that we keep our focus on our function. Need to look to future and need to bring in the next generation. Working on undergraduate student participation has been beneficial, but need to consider greater emphasis on graduate students. During the last year a “Career Learning Center” was initiated with ASAS. ARPAS role in the center will be as the certifying body.

V. Secretary’s Report
Ellen Jordan
Minutes are available on our website.

VI. Treasurer’s Report
Carl Hunt
The proposed budget and year-to-date (May 31) budgets were used for discussion. Expenses seem to be consistent with budget. 57% of budget comes from dues. The $10 increase in dues has resulted in us being a little over budget in that category. Corporate sponsorship is $21,000 of our budget and currently we are at $16,500 so we have concerns over that $4500 shortfall that may result in changes in future budgeting. Excesses at end of year have been diverted into Foundation, which has nearly $110,000 currently. Treasurer Hunt suggested we may want to have a budgeted role for support of foundation in future budgets. 75% of our assets are required to be in fixed income investments, which may need to be addressed. Foundation uses the same investment strategy.
Motion: Motion to accept the treasurer’s report by Joanne Knapp and seconded by Dwain Bunting. Motion passed.
Action Item: President Galyean appointed the Foundation Board to consider the investment strategy and develop any changes that need to be made to report to Executive Committee at fall meeting (late September roughly).

VII. **Foundation Report**

Bill Braman

Foundation was to support educational programs of ARPAS. Last year they began to pay for exams for students and graduate students, with 75 taking exams and roughly 35 becoming members. Moe Bakke will present to SAD today regarding continuing this year and waiting to hear from ASAS as to when we can present to their participants the opportunity to take the exams at no charge. They want to do an educational program on the Food Modernization Program once it is finalized. Really need to work on fundraising for the foundation. They will work on that at the Foundation Board meeting later this week.

Cummings - Only earnings of investments can be used by Foundation. Braman may request to be replaced before long. Joanne asked about a goal for the foundation funding which hasn’t been set. She also mentioned the ADSA Graduate Student effort “Pioneers in Dairy Science”, may be something we want to support in some manner.

VIII. **Business Office Report**

Jamie Ritter/Jeremy Holzner

Jamie Ritter presented information regarding the Science Policy Committee and what there functions and goals will be. They will have a workshop in spring, 2015 similar to Fair 2012. FASS continues to do well and has taken on some new clients-Dairy Cattle Reproduction Council and a Nutrition and Education Behavior Journal. FASS wants to be part of future annual meetings of ARPAS. Galyean expressed appreciation for what Jeremy has done and to the rest of the FASS staff.

IX. **Executive Vice-President’s Report**

Kenneth Cummings

Cummings reiterated his appreciation for FASS, especially Jeremy. His report is attached. “Old guys won’t take tests.” Midwest Chapter is going to make a presentation at every university regarding ARPAS. Have brochure and there is a presentation on line as well. PAACO has grown as an organization since it was established. Terry Mader is President this year (one of our three representatives). The Nigerian’s haven’t been in touch this year, but that may be as a result of the turmoil in their country. NRCS still doesn’t make feed management a mandatory portion, although our MOU is still in effect. There are about 120 members that are trained, but don’t get many calls since not a mandatory requirement. The other affiliated program is the new ASAS program. Chapters are doing well.

Ken McGuffey arrived about 9:40, and indicated South African contingent has asked about ARPAS affiliation. Next year’s meeting will be in Orlando at Rosen Complex in July, and the 2016 meetings will be in Salt Lake City under ASAS direction. Pittsburg or Cincinnati will be the location in 2017 (June 25-29) and the alternative in 2018. ADSA is inviting ARPAS to join them. They will continue to try and make it a multi-society meeting, although it appears ASAS has taken another direction.

X. **PAS Journal Editor’s Report**

Wayne Kellogg
The journal is pretty stable and we are trying to work on getting the ISI impact factor after being turned down in 2012. We have been working on getting review articles. Some universities are requiring impact factor of journals for paper to be acceptable for P&T documents. Rumen Microbiome was very basic. Some reviews were turned down and others decided against once they determined a recent review had been made. ARPAS symposium would be considered. Number of dairy papers has declined, while swine has increased. The number of equine papers has remained low. Kellogg expressed appreciation to FASS and the editorial board. Kellogg asked whether we wanted to broaden our base beyond the FASS and ASAS membership for authorship.

Action Item and Appointment: President Galyean appointed a committee to consider the following items: impact factor, broader publishing group (member, non-member, international), case studies – Carl Old, Bob Wetteman, Jack Garrett, Susan, Stacy, Paul Beck, Wayne Kellogg-chair

XI. Examinining Committee

Steve Schmidt

Examining procedure has been summarized as changed during the course of this year. Most of other issues have been regarding the way a question has been asked. About the same percentage have been passing exam. Assessment trial run is being conducted with Penn State this fall. A set of questions is being developed over the basic animal science disciplines (genetics, nutrition, reproduction, physiology, introductory animal science course, etc.), but not on species specific in general to make it as a comprehensive exam for assessments. At this time membership would still require a species exam. This could be another piece to bringing students into ARPAS. Potential people for assessment committee might include Mike Day, Troy Ott, etc. and to develop a plan as to how we proceed including fee structure, etc.

Motion: Elimination of member signature on application –Terry Mader moved and Jud Heinrichs seconded the motion to remove the physical signature of a member when applying to take the exam. Discussion ensued with fact that proctor is still required. Motion passed.

XII. Historian’s Report

Bill Price

President Galyean read the report.

XIII ACAS Report

Randy Shaver/Marit Arana

Refer to the written report of the committee for a full report. We have five new Board Certified members with 8 in progress. There will be an election in the fall for President-elect and secretary-treasurer. Meeting is at 12:30 on Monday July 21 in room 2214.

XIV. Distinguished Professional Animal Scientist Award

Mike Galyean

Gary Potter and his wife Charlotte came to the meeting at approximately 11:30 a.m. and he was presented the Distinguished Professional Animal Scientist award by President Galyean.

XV. Visitors, Announcements, Comments

Various
12 noon - Lunch (box lunch pre-ordered and provided in the meeting room)

ARPAS Governing Council Meeting Continues

XVI. Standing Committee Reports begin at 1 pm

a. Ethics-referred item from Jan. GC meeting
   Joanne Knapp

Moved up to after Historian Report – Ethics committee has been augmented with additional six ad hoc members both geographical and species groups. Formation is taking longer than thought. Outcomes desired – increase awareness of code of ethics and value of membership. Progressive Dairyman published in June electronic version and probably will go into print copy. It has been revised for the equine publications and is being revised for National Pork’s publication. There will be a series of case study articles for Progressive Dairyman. Want to augment ethics website with Dwain Bunting’s 2005, 2011 articles from Feedstuffs and some other materials. Will be discussing a course of action if violation occurs when the committee is formed and meets.

Action Item: Make Code of Ethics as a separate primary button and perhaps change other website items such as highlighting three primary functions.

b. Membership
   Dwain Bunting

There was an increase of about 35 for the year. There were a lot of retirees that were on the list of non-renewals. Dwain reconstituted the committee with three new members that he will be trying to get a rotation going. On the New England list there were 3 or 4 of 15 members who had left their company and didn’t have forwarding information.

Action item: Check and see if there is a way to keep a personal email as well as the corporate email within the system.

c. Publications-Newsletter
   Jud Heinrichs

The written report is attached. Jud recognized Jeremy’s help in putting together the report and encouraged the other chapters to include a report at least annually if not more often as other chapters are looking to these for ideas.

d. Professional Relations-Sponsors
   Paul Beck

His goal was to have an active committee. He wanted to get back to $20,000 level, but fell back this year. We have a new sponsor in Alpha-green Supreme at the Platinum level. Would like to know why companies are or why not sponsoring. It has been easier to get sponsorship for symposium or paper costs. The committee has been very active.

Action Item: Provide additional thank you to sponsors of page charges this last year perhaps in newsletter or on webpage.
e. **Program-ARPAS Symposium**

The Ethics Symposium – Business, Academic, Veterinary Aspects, Regulatory Definitions and claims will be Tuesday from 9:30-12:30 in room 2102B. Next year reproduction and Food Modernization and Safety Act have been proposed for topics.

f. **Nominating Committee**

Mike Galyean read the written report.

**Action Item:** Investigate whether we can only send second and third notices to vote to those who haven’t voted.

**XVII. Reports from Affiliated Society Representatives**

a. **ADSA**

See written report. They have had growth.

b. **ASAS (no report submitted)**

Membership is stable. They have increased undergraduate membership by over 30% since 2012. Resource center has been increased. Career Learning Center, blue shirts are to be worn Tuesday at 5 p.m. for launch of program which has webinar access points. Electronic communications are increasing with interpretative summaries, image gallery from Ag Library is being transitioned to a more useable format, JAS published 6000 pages and is moving to an all-electronic format (Impact factor to be released next week), JAM – ASAS decided not to renew in February, Innovate 2014 will be in Minnesota with a focus on Global Food Security.

2016 Grazing Livestock Nutrition meeting as pre-conf in Salt Lake City
2017 Baltimore (back-to-back with SSR)
2018 – Perhaps Vancouver following WCAP (World Conference on Animal Production)

c. **ESS (no report submitted)**

**Action Item:** Need to submit a request for a new representative

d. **PSA (no report submitted)**

**Action Item:** Need to submit a request for a new representative

e. **AMSA (no report submitted)**

**Action Item:** Need to submit a request for a new representative
XVIII. Chapter/Section Reports

a. Arkansas/Okla/E. Texas Chapter (reorganized) Wayne Kellogg

Final report from Arkansas as it has become the South Central Chapter with 50 responses, 44 would join, 3 wouldn’t because member of another chapter.

Motion: Bill and Steve Schmidt moved to approve the dissolution of the Ark Chapter and approve the South Central Chapter of ARPAS. Passed

Action Item: Dwain Bunting and membership committee should discuss the exclusivity issue of membership in chapters.

b. California Chapter Carl Old

Trap shooting in late August. Sponsor undergraduate and graduate students through scholarships. Work with CA Dept. of Agriculture with almond hull quality issues and definitions. Chapter asked what is scope of ARPAS? Their regulatory scope is wider than in any other part of country. Lobbying focus is very limited. Food Safety and Modernization Act – what role does CA Chapter and National ARPAS have in this? Our 501 (c)3 classification prohibits us from lobbying. We are to have educational role. Could have an agricultural policy statement.

c. Colo/Wyo/Neb Chapter Kecey Swyers

d. Midwest Chapter Dwight Roseler

Joanne Knapp reported that they are going to have the dinner continuing with local meetings where they will do the presentation on ARPAS value. This year they did a ten minute presentation and showed the ARPAS video. Activities primarily run April through September. Executive council will meet at JAM on Weds. Dr. Jim Linn’s presentation will be sponsored by Midwest ARPAS – 75 years of nutrition. At Minnesota Conference they will present the “what is ARPAS” presentation. They will be having officer elections. (Reported after XVI.-Ethics report.)

e. Northeast Chapter (no report received) Mark Wagner

f. Pacific NW Chapter (no report received) Bill Sanchez

g. Southern Plains Chapter Justin Waggoner

Dwain Bunting discussed the fact that the chapter was having some traction after conducting a few good meetings.

h. Washington, D.C. Chapter Adam Orr

Presented by Bill Price. Traditionally had been heavily ARS related; however focus has switched from animal production to research in more basic sciences. Many no longer ARPAS members, but participate
in chapter meetings. University of Maryland has a few members and they give four $1000 scholarships to Univ. of MD students.

i. Midwestern Section (see Midwest Chapter report) Joanne R. Knapp

j. Western Section (no report submitted) Dwain Bunting

k. Northeast Section

Jud Heinrichs

See his written report.

l. Southern Section (no report submitted) Paul Beck

They have been discussing lack of training for graduate students and new faculty on proper design of grazing studies in conjunction with the Southern Section Meetings on Sunday Feb. 1.

XIX. PAAC Update

Terry Mader/Frank Owsley/Ted Friend

Report is attached. They are working on making sure that what is being done meets the definitions. They are getting on-farm audits in poultry, swine and now dairy, nothing on beef yet beyond packing plants. For Canadian program there are some changes since they have more regulations. On Brazilian program (driven by McDonald’s) it is taking hold. On the swine industry, packers have told swine industry that they are going to have PAACO involved so the industry has finally accepted that, but it will be a heavy workload. Transition from the current executive upon his retirement will be a new challenge. Currently they are doing transition planning.

Process is strictly dealing with audits, but don’t tell end user what needs to be accomplished to improve the situation.

Action Item: Carl Old moved to accept the Chapter, Standing Committee reports. Carl Hunt seconded. Motion passed.

XX. Standing Committee Assignments

Jack Garrett

Action Item: Jack Garrett will get with the committee chair and get two names from each.

XXI. Old Business

a. ASAS-certification program Jack Garrett

They are to begin to have on-line CEU opportunities for our membership and we will be the certification organization for this type of program. The program will be rolled out Tuesday.

b. ARPAS Logo’s- apparel from Land’s End Jeremy & Kenneth

XXII. New Business

Mike Galyean
a. ARPAS annual meeting 2017 and beyond

Mike Galyean

Had an invitation from ADSA via Ken McGuffey this morning.

Action Item: Need to negotiate with items such as ARPAS members receive member discount rate, publication rights. Conduct a survey of membership as to their thoughts on what to do with joint meetings. Obtain collective chapter input as well. Volunteers –Moe, Jack, Mike, Bob and Karl (Executive Committee)

b. ARPAS Video production discussion

Joanne Knapp

General video similar to the CA chapter to recruit members.

Action Item: Jeremy is to send everyone on GC an email to evaluate CA video and provide feedback on what needs to be done. President will then assign to Membership or Publicity committee.

c. Support for ADSA Grad Student Seminars

Joanne Knapp

Previously assigned to Foundation Board for discussion

d. Update/New ARPAS website discussion

Jeremy Holzner

Jamie Ritter indicated it would be probably a max of $5000. FASS has a web designer that would do it. JTMTG2015.com is the first site that had been done.

Action Item: All GC members go into website and send recommendations for change to Jeremy.

Motion: Jordan moved Hunt seconded the motion to redesign the website. Passed.

e. 2015 Governing Council Mid-year Meeting date

Jack Garrett

Mark your calendar: January 23 at 3 Eastern, 2 Central, 1Mountain, noon Pacific

f. 2015 ARPAS Symposia

Bob Wetteman

Current Status and New Technologies Affecting Reproductive Efficiency in Beef Cows
- Heat Stress
- Supplementation/Nutrition
- Technology and Advantages
- Genetic Markers for increasing genetic fertility

g. Preliminary Budget for 2015 (requires approval)

Carl Hunt

Motion: Carl Hunt moved and Bill Price seconded the motion to accept the preliminary budget. Passed.
Motion: Jordan moved and Old seconded motion to create a RAS-Student membership category. This category is for those undergraduate students who pass the exam which allows them to pay student dues, but they don’t have voting membership. Passed.

XXIII. Motion to Adjourn-Heinrichs moved and Old seconded. Motion passed. Adjourned at 3:55 by Mike Galyean
Reports to the ARPAS Governing Council

July 20, 2014
ARPAS has made several significant accomplishments this past year, but let me start by acknowledging that our success is largely attributable to the hard work and dedication of Executive Vice President, Kenneth Cummings. Kenneth keeps the “balls in the air” for ARPAS. I truly appreciate his faithful service, positive attitude, and common-sense approach to conducting business for our organization.

As a relatively small organization with a somewhat narrowly focused membership base, ARPAS needs to ensure that existing members renew in a timely manner and that we are doing an effective job of recruiting new members. Because we require continuing education to renew membership, ensuring timely renewals is sometimes a challenge. We seem to have a sizeable number of members each year who either are late in paying dues or have not met CEU requirements. These members are sent reminder e-mails, and the Executive Committee works to contact many of these people, particularly ones they know personally. Our overall membership numbers have been steady the past few years and are up slightly (about 20 members) in 2014 vs. 2013. We hope that in the future our relationships with other organizations will help to provide certified educational content (see more details below) that will make obtaining and tracking CEUs easier for our members, thereby facilitating the renewal process. Thanks to funding from the ARPAS Foundation, we are offering the ARPAS exam at no cost to undergraduate students at the JAM this summer (both ASAS and ADSA student groups are involved), and we hope to continue this effort in the future. As these students complete their education and move into careers, we also need to be sure to articulate the value ARPAS membership and certification of credentials, which will help keep them among our ranks for many years to come.

One accomplishment this year that should hold great potential for ARPAS is the memorandum of understanding that we signed with ASAS to pursue opportunities in online education and certification of educational materials. In the years to come, we hope to have similar agreements with other FASS-affiliated societies. By serving as the “certifying body” for educational content that ASAS currently has in the pipeline, as well as for webinar-type programming (workshops, seminars, etc.) that will become available in the future, we will be providing ARPAS members with greater opportunities for career development and for obtaining CEUs to maintain their certification.

Steve Smith and the Examining Board are to be congratulated for taking ARPAS to the next level in terms of our examination process. Thanks largely to Steve’s persistence and to the capable work of Jeremy Holzner in FASS, we now have all our current exams online. Indeed, when students and others attending JAM take an exam, it should be the online version (although we will have a few paper copies as backups just in case!). This is a great step forward for ARPAS, and we are doing it without an increase in cost and a much faster turnaround time on grading (the exam is scored as soon as the person finishes). Steve also has been working to meet requests from several animal/dairy science departments across the country to develop assessment exams for graduating seniors. He plans to have an exam ready for a trial run at one university this next academic year.
The *Professional Animal Scientist*, our excellent applied, peer-reviewed journal, continues to grow under the fine leadership of Editor-in-Chief, Dr. Wayne Kellogg. Dr. Stacey Gunter also is providing outstanding support as an Associate Editor, and we have a well-qualified Editorial Board in addition to numerous “at-large” reviewers. The journal is an essential part of the educational support we provide to our members, but it also serves an important role in the academic community by meeting the needs for a high-quality outlet for applied research in animal agriculture.

Finally, ARPAS chapters continue to do well. They provide terrific networking and educational opportunities to ARPAS members, and they are increasingly becoming grassroots organizations for drawing new members (especially graduate students) into ARPAS. As the chapters continue to grow, ARPAS and its influence on the professional animal science community will continue to grow.

It has been an honor and privilege to serve as President of ARPAS. Looking back on the past year, I regret that I have not done all I might have hoped to do, but I am confident that the organization is in good shape with a bright future. I know President Jack Garrett will do an outstanding job of leading the organization during 2014 and 2015, with President-Elect Bob Wettemann standing ready continue the move forward in 2015 and beyond. Along with this fine leadership and an outstanding Governing Council and Executive Vice President, ARPAS is in good hands!

Michael Galyean, PAS, Dipl. ACAS
The draft minutes of the 2014 Mid-Year ARPAS Governing Council are available on the ARPAS website at [http://arpas.org/society.asp?view=minutes](http://arpas.org/society.asp?view=minutes)
Treasurer’s Report – ARPAS Governing Council Meeting  
July 20, 2014  
Carl Hunt, PhD., PAS, Dipl. ACAN

It is my pleasure to provide this mid-year report of the financial status of ARPAS. This report reflects financial information which was available on May 31, 2014.

ARPAS is continuing on a very sound, stable financial course with all major categories of revenues and expenses to date being in line with what was budgeted for 2014. Most notably, revenues from membership dues is slightly over budget, while corporate sponsorships is under budget. The result of combined effect of these is that overall Membership Services (about 57 percent of our budgeted revenue) is right at what was projected for the year. The improved revenue picture for membership dues reflects a $10 per member increase in dues instituted for 2014. The other major revenue source for ARPAS, the Professional Animal Scientist journal, has revenues to-date which are outpacing its expenses which gives reasonable expectation that PAS will finish 2014 with revenues in balance with expenses. Lastly, at the end of the first 5 months of the fiscal year (41.7% of the year) our total expenses are at 32 percent of that budgeted for the year. These indicators all point to a balanced fiscal year for ARPAS.

Another important aspect of the financial picture for ARPAS is the net asset value of our various reserves. Reserves for ARPAS and the ARPAS Foundation are invested in accounts with Morgan Stanley, which continue to be managed with approximately 75 percent of assets in fixed income and 25 percent of assets in equity investments. Dividends and interest from fixed income holdings provide about $13,000 of income per year for the operating budget. Unrealized investment gains stood at $9,410 on May 31st but this gain is certainly subject to market volatility. Past years’ success provides us with a high level of confidence that ARPAS assets are secured in appropriate investment instruments. The table below shows the growth of reserves over the past five years. During this time period much of the revenue over expenses for ARPAS in any given year was diverted to the ARPAS Foundation investment account, thus the growth in asset value for the Foundation has been steeper than growth of asset value in the ARPAS investment account. ARPAS also maintains a savings account with FASS for more our more immediate needs for additional funds; the balance in the savings account routinely runs between $70,000 and $90,000.

<table>
<thead>
<tr>
<th>Item</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARPAS Investments</td>
<td>186,669</td>
<td>207,460</td>
<td>201,558</td>
<td>210,747</td>
<td>225,470</td>
</tr>
<tr>
<td>Foundation</td>
<td>--</td>
<td>41,987</td>
<td>58,592</td>
<td>87,490</td>
<td>109,638</td>
</tr>
<tr>
<td>Investments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Current Assets</td>
<td>311,802</td>
<td>322,934</td>
<td>340,247</td>
<td>384,144</td>
<td>455,558</td>
</tr>
</tbody>
</table>
In summary, ARPAS continues on a very sound financial course. The only concern at this time is what appears to be a loss of corporate sponsorship which could be becoming a long-term trend. It is suggested that the Governing Council discuss this situation.

Respectfully submitted,

Carl W. Hunt, Treasurer
The ARPAS Foundation was initiated in 2008 and the ARPAS bylaws in 2010 were ratified by the membership in 2010. Foundation Committee members include Andy Cole (2016), Moe Bakke (2014), Dale Hill (2015), Bill Braman (2014), Carl Hunt as a statutory member and Kenneth Cummings as ex-officio member.

The ARPAS Foundation as of May 31, 2014 had assets of $130,199.20 per the financial statement with targeted invested of 75% in fixed income securities and 25% in equities.

In an effort to support membership growth, the Foundation Board presented "Why you should be a member of ARPAS" to the Dairy Quiz Bowl contestants and ADSA Graduate Student Division during the 2013 Joint Annual Meeting of the Societies. This resulted in offering 70 students an ARPAS exam with a pass rate of 50% and most (51) taking the dairy cattle exam. The testing fee of $25 for each was paid with earnings from the Foundation Account ($1,750). The Committee passed a motion to continue to sponsor the same activity in 2014 for graduating seniors and graduate students and include ASAS and PSA. Representatives of the Committee are scheduled to make a brief ARPAS presentation to both ADSA Graduate Student Division and ADSA-SAD Quiz Bowl participants.

As part of the education commitment, The Foundation Committee will sponsor a speaker(s) for the Food Safety Section for the 2015 JAM. The presentation(s) focus on educating the ARPAS membership on the effect of the implementation of the Food Safety Modernization Act (FSMA) on member’s companies, customers, and clients. FDA has expressed concerns about products manufactured by a facility that may not contain essential nutrients or have too much of a nutrient. Thus, implementing FSMA may require FDA to regulate nutritionist’s activities in formulating manufactured feeds and client’s livestock/poultry rations. The AFIA has agreed to assist with the identifying a speaker and assisting with this activity.

Lastly, the Foundation Committee wants to increase awareness of the Foundation and become more aggressive in seeking donations to the Foundation. We seek ideas that can increase awareness and increase tax deductible financial contributions as calendar year 2014 comes to a close. The Foundation requests the addition of an option to donate to the Foundation on Societies member renewal form.
FASS Science Policy Program Update (submitted by FASS Science Policy Committee)

Overview
The FASS Science Policy Committee (SPC) has become the primary vehicle by which FASS and the Founding Societies use to engage policy makers, the public, and FASS members on science policy issues related to the animal sciences. The bulk of the day-to-day policy work, relationship building, and engagement in Washington, D.C. continue to be done by Lowell Randel and Walt Smith. In the judgment of the SPC, they have been, and remain, highly effective in representing FASS’ interests. The Committee also is actively engaged in communicating the views of FASS to decision-makers through a range of media, as detailed below.

Committee Membership (n=12)
Voting members
Matt Koci - North Carolina State University, Chair (PSA), year 3
Mike Kidd - University of Arkansas (PSA), year 1
Rod Hill - University of Idaho (ASAS), year 1
Ken Odde - Kansas State University (ASAS), year 1
Geoff Dahl - University of Florida (ADSA), year 2
Brandon Nelson - Daisy Brand (ADSA), year 1
Mike Brouk – Kansas State University (ADSA-ASAS Midwest), year 1
(Note: Kenneth Kalscheur started the year as SPC member for Midwest, but started sabbatical mid-year)
Jerry Weigel, Manitoba Starch Products, FASS Board Liaison

Non-voting members
Karen Plaut - Purdue University, Chair (ADSA), year 4
Lowell Randel – The Randel Group, FASS Science Policy Director
Jamie Ritter - FASS Managing Director
Walt Smith - FASS Science Policy Director

Mode of Work
The Committee met monthly by telephone for 90 minutes to conduct business. In addition to our monthly meetings, the SPC held one meeting in Washington DC that was attended by at least one member of each society (PSA, ASAS, ADSA, and Midwest) to engage program staff from various federal science agencies and develop plans for a workshop, to be held Spring of 2015, on interagency funding models similar to the Dual Use Dual Benefits program.

Special Projects
The FASS Board of Directors requested that the SPC continue its assessment of the Scientific Advisory Committees (SACs) activities and make recommendations to the Board regarding how best to maintain effective activities. After several discussions amongst the SPC membership recommendations were made to the FASS Board.

Communication to Decision-Makers
Policy Statements
The committee reviewed existing policy statements to determine those in need of updating, consistent with SPC practices. In addition a new policy statement on food labeling was developed and approved.

Labeling of Foods Made from Genetically-Engineered (GE) Organisms
Nutrition And Health Provided By Animal Products

Meeting in Washington
The FASS Science policy committee met in Washington DC on June 3-4, 2014. Meetings were held with:
1.) Steve Kappes, ARS
2.) Peter Johnson and Margo Holland, NIFA
3.) Steve Ellis, NSF
4.) Ravi Ravindranath, NIH
5.) Richard Sellers, AFIA

A full report is available by contacting Jamie Ritter at the FASS Office (jamier@assochq.org).

Formal Comments

<table>
<thead>
<tr>
<th>Forum</th>
<th>Type</th>
<th>Presenter</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>REE Action Plan</td>
<td>Written</td>
<td>Lowell Randel</td>
<td>October 2013</td>
</tr>
<tr>
<td>Senate Appropriations Committee Testimony</td>
<td>Written</td>
<td>Lowell Randel</td>
<td>April 2014</td>
</tr>
<tr>
<td>AAAS Report XXXIX: Research and Development FY 2015</td>
<td>Written</td>
<td>Lowell Randel</td>
<td>April 2014</td>
</tr>
<tr>
<td>FFAR nominations to NAS</td>
<td>Written</td>
<td>Lowell Randel</td>
<td>April 2014</td>
</tr>
<tr>
<td>FFAR nominations to USDA</td>
<td>Written</td>
<td>Lowell Randel</td>
<td>April 2014</td>
</tr>
</tbody>
</table>

Letters

FASS and the Founding Societies are often invited to sign letters prepared by a related organization and sent to decision-makers to advocate for an action, often support for research funding. This year we signed the following letters:

<table>
<thead>
<tr>
<th>Originating organization</th>
<th>Topic</th>
<th>To</th>
<th>Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Association for the Advancement of Animal Science</td>
<td>Animal Science Initiative in Farm Bill</td>
<td>Farm Bill conferees</td>
<td>August 2013</td>
</tr>
<tr>
<td>Various ag groups</td>
<td>Gratitude for Foundation for Food and Agriculture Research</td>
<td>Farm Bill conferees</td>
<td>February 2014</td>
</tr>
<tr>
<td>AFRI Coalition</td>
<td>Support for funding of the Agriculture and Food Research Initiative in FY 2015</td>
<td>Congressional leaders</td>
<td>March 2014</td>
</tr>
<tr>
<td>Animal Agriculture Coalition</td>
<td>Support for FY 2015 funding of agriculture research and related animal programs</td>
<td>Congressional leaders</td>
<td>March 2014</td>
</tr>
<tr>
<td>Animal Agriculture Coalition</td>
<td>Gratitude for the Committee’s actions during consideration of the Fiscal Year 2015 Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations bill.</td>
<td>Congressional leaders</td>
<td>June 2014</td>
</tr>
</tbody>
</table>
Monthly Reports
Lowell Randel provides a report of Washington activities at the end of each month, which is made available to members of the Founding Societies through various means.

Other Activities
The SPC worked to develop a policies and procedures document to govern and standardize the focus and function of SPC business.

The Committee monitored and addressed numerous issues as they arose during the year.

Lowell Randel and Walt Smith assisted in the promotion and dissemination of the FAIR 2012 report. Materials were shared with Congress, key agencies and partner organizations in Washington, DC. FAIR 2012 was referenced in the 2014 Farm Bill report and Congress has directed USDA to use the FAIR 2012 report as the basis for setting priorities for the newly expanded Sec. 1433 competitive grants program.

Lowell Randel and Walt Smith have participated in numerous agency, Congressional, industry and coalition meetings on behalf of FASS throughout the year including giving presentations regarding FASS science policy activities and issues impacting animal science.

Lowell Randel and Walt Smith have worked closely with the USDA and National Academies of Science regarding the study entitled Considerations for the Future of Animal Agriculture Science Research. Lowell and Walt met with USDA and NAS to develop the scope of the study and assisted in identifying and meeting with potential financial sponsors for the study. FASS also provided a list of nominees for the study committee and Mary Beck, FAIR 2012 Co-Chair, presented to the committee during its first meeting.
Executive Vice-President’s Report - ARPAS Governing Council Meeting
July 20, 2014

ARPAS as an organization had a great year in 2013-2014. Thanks to our dedicated volunteer leadership, our FASS administrative liaison Jeremy Holzner and the FASS support staff, our members have been provided with an outstanding level of service.

The ARPAS leadership has sought new opportunities to enhance organizational objectives of certification, continuing education and adherence to our code of ethics while living within our financial constraints.

The code of ethics is a very important component of ARPAS membership. The wording of the code has been “modernized” since the inception of ARPAS in 1984. The Ethics Committee, chaired by the Midwest Director Joanne Knapp, is currently reviewing the code and changes will soon be presented to the Governing Council for review and approval. The 2014 ARPAS symposium at this meeting will focus on ethics in the Animal Sciences and bring additional focus to this important aspect of ARPAS certification.

Our PAS Journal continues to grow in stature and recognition by the Animal Science community. We are thankful for the leadership provided by our editor Wayne Kellogg and his cadre of associate editors, reviewers and the FASS publication staff. The continuing choice of “PAS” as a publication venue by our membership and their colleagues is essential to the growth and success of ARPAS.

The route to membership in ARPAS is by examination. One activity to increase membership was supported by the ARPAS Foundation. It funded the ARPAS examination fee for over 60 dairy “quiz bowl” students and graduate students during “2013 JAM”. We anticipate this Foundation activity will grow as we intend to offer this same program to ASAS and PSA students and graduate students as well.

The ARPAS Foundation, chaired by Past-President Bill Braman is now in its fifth year and assets have grown to over $125,000. Only earnings from the foundation assets can be used for educational endeavors, and all ARPAS members are encouraged to make regular a contribution to the Foundation.

Testing is essential to attaining membership in ARPAS. The examination committee consisting of chairperson Steve Schmidt, Mike Galyean, Marit Arana and Kenneth Cummings and supported by FASS staff members, reviewed the use of ARPAS exams as assessment tools for graduating seniors and presented their findings to the Governing Council at the mid-year meeting. A test program was authorized and one University will initiate an exploratory program with graduating seniors in the fall of 2014.

ARPAS now has the capability to offer all species exams online. Our ARPAS administrator Jeremy Holzner and the FASS IT staff tested various programs and submitted one to the Examination Committee for evaluation. The examination committee proposed using this
software for online testing to the GC at our January 2014 meeting and it was approved. This was the first change in testing procedures implemented by ARPAS since our inception.

The American College of Animal Science (ACAS), the board certification entity of ARPAS, is slowly growing thanks to the leadership of President Randy Shaver (two years) and assisted by President-Elect Marit Arana and Secretary Dale Hill. Each of our six discipline areas is chaired by a board certified member of ARPAS and they encourage qualified ARPAS members to seek board certification. A change in the bylaws, approved by the GC and board certified members, will enhance the opportunity for those with a more diverse educational background to gain board certification.

ARPAS has not had a dues increase in a number of years. It became increasingly difficult to budget the activities of the organization from dues and sponsorship contributions without underspending on several budgeted item. Membership has not grown much and sponsors have been less generous or disappeared. To insure that our programs remain viable, a small increase in dues was approved at the GC meeting in July 2013. I am happy to report the increase created no adverse reaction from our membership. ARPAS is now on much firmer financial footing, thanks to our members and to the diligence of our treasurer, Carl Hunt.

The President-Elect of PAACO (Professional Animal Auditors Certification Organization) is Dr. Terry Mader, our senior representative to that organization. Ted Friend and Frank Owsley are our other representatives. We greatly appreciate their participation on behalf of ARPAS. PAACO has gained international stature as certification organization for animal welfare and ARPAS is proud to have been one of its founders.

ARPAS continues to foster a relationship with the Nigerian Institute of Animal Science. This organization was founded in 2012 with our input and cooperation. A delegation was in attendance at the 2013 JAM and reported on the progress made by their organization.

In January, 2014, ARPAS entered into a Memorandum of Understanding (MOU) with the American Society of Animal Science to certify and assign credit to about 400 hours of their education videos and programs. This venture will provide animal scientists an alternative route for continuing education and may provide a source of revenue to both organizations.

ARPAS Chapters continue to play an important role in membership growth and member interaction. The California, Midwest and Northeast chapters each have more than 100 members and a delegate to the Governing Council. The Arkansas Chapter is in the process of reorganization and will encompass members from surrounding states. Hopefully, it will also reach the 100 member milestone.

The ARPAS Distinguished Professional Animal Scientist Award program has been in existence since 2008. We will have honored 20 of our past leaders with the recognition of Drs. William Olson, Gary Potter and Art Raun as the 2014 honorees during this meeting.

The Executive committee handles the interim business of ARPAS (between GC meetings). This committee has been ably headed by ARPAS President Mike Galyean and the business activity
recorded by Secretary Ellen Jordan. Additional support was provided by Past-President Bill Sanchez, President-Elect Jack Garrett and Treasurer Carl Hunt. The Executive committee also has been supported by PAS Journal Editor Wayne Kellogg, Historian Bill Price and regional Directors Paul Beck, Joanne Knapp, Jud Heinrich and Dwain Bunting.

I wish to thank each and every one of these members for their outstanding service to ARPAS in 2013-2014.

Submitted

Kenneth Cummings, Dipl. ACAN
Exec. VP, ARPAS
Annual Report of the Journal

Professional Animal Scientist

July 20, 2014

D. Wayne Kellogg, Editor-in-Chief

The 29th volume of the Professional Animal Scientist was completed with 700 pages. That compares to 693 pages in the previous volume in 2012. The first three issues of volume 30 (2014) contained 374 pages compared with 320 pages in volume 29, due in large part to the 2013 Symposium, “Applied Nutrition of Ruminants—Current Status and Future Directions”, in the April issue. We did not experience the usual large influx of papers at the end of year, so the number of articles may be about the same as last year.

During 2013-2014 review articles were included on the following topics:
- The welfare of gestating sows kept in different housing systems
- Milk-replacer programs and effects on eventual performance of Holsteins
- Colostrum supplements and replacers for calves
- Life-cycle, total-industry genetic improvement of feed efficiency in beef cattle
- The rumen microbiome: Composition, abundance, diversity, and new investigative tools
- Adoption of mastitis-control technologies
- Applied nutrition of ruminants—Current status and future directions
- Fermentation and digestive physiology
- Carbohydrate and fat considerations
- Applied protein nutrition of ruminants
- Mineral and vitamin nutrition in ruminants
- Nutrient needs of goats while grazing
- System application of sexed semen in beef cattle

The articles provide members with excellent updates on topics and enhance the value of the Journal. I am hopeful that the reviews and the Symposium papers will generate citations in other journals and result in a successful request for inclusion in Citation Index during 2015.

In volume 29 there were 4 reviews, 75 research articles, 4 case studies, and 1 technical note. The number of papers with specific topics ranged from: 54 beef, 13 dairy, 10 swine, 2 horses, 2 goats, and 3 forages. The number of papers relating to the beef industry highlights the work of Dr. Stacey Gunter as Associate Editor. I really appreciate his editing most of the beef manuscripts.

Dr. Bob Goodband completed 3 years as ‘volunteer’ Associate Editor working with swine industry papers. His workload prevents him from continuing in that role, but he has agreed to serve on the Editorial Board for a 3-year term.
I really especially appreciate the work of reviewers including the Editorial Board members, and the FASS professional staff. Special thanks were expressed to Dr. A. Hayden Brown (deceased), Dr. Robert Coleman, Dr. Al Kertz, and Dr. Brian Nielson for completion of two terms on the Editorial Board.

Respectfully submitted
A lot has happened with respect to ARPAS exams since the 2013 annual meeting of the governing council. Last fall the examination chair, at the suggestion of Mike Galyean, formed an ad hoc committee for the purpose of providing feedback to the governing council on moving toward the use of online exams and whether ARPAS should get involved in administering assessment exams to seniors graduating from college at those universities needing an assessment instrument. For the online exams, we had an opportunity to work with eXtension and have exams administered through their website; ASAS is developing an online learning website and extended an offer to sponsor the ARPAS exams; and the FASS technology group developed an online testing package for us to test. All three sites would work for our online exams. At the mid-year GC conference call it was decided to use the FASS site, primarily because it would keep all testing and administrative oversight in the ARPAS administrative office. The examination chair proposed procedures for administering the online exams. After discussion and amendments, the following procedures and rules were approved by the Governing Council at its mid-year meeting in January, 2014:

1. The applicant must complete the application forms and pay the appropriate fees to the ARPAS Business Office. Transcripts may be submitted with or after application.
2. As with the current paper exams, the online exam must be proctored by an ARPAS member. The ARPAS business office will send the exam login code to the ARPAS member who will proctor the exam.
3. There will be a 70-minute time allocation to take an exam.
4. Upon completion of the exam and submitting the answers, the applicant will see whether he/she passed or failed. No references to the actual score nor the score needed to pass will be shown.
5. In the event that the individual does not pass, the applicant is allowed to retake the exam once between 30 and 90 days after the first exam at no additional charge. After 90 days, the applicant will have to file a new application and pay another fee.
6. The current 100-question exam with defined draw of questions from each topic category will be maintained.

By the end of February, 2014, exams were being administered online. In situations where Internet access is not available, paper exams continue to be used. The second table below shows the number of exams administered online or with paper between January and June 11, 2014. Jeremy says that although the upfront cost of offering the exam online is cheaper than paper, there still is the cost of setting them up and working with the proctor and the exam taker. Right now the $25.00 fee probably is break-even or possibly a slight loss, even with online exams.

The website has not yet been updated to reflect the availability of online/electronic exams, but all applicants are informed of online availability and that this is the preferred method. A complete review of the ARPAS website is underway, and the new information will be included soon.

Relative to assessment exams, the governing council approved a motion during the mid-year conference call to allow a trial run with Penn State this past spring (2014) including authorization to use our data bank of questions. However, Penn State decided to wait until fall 2014 to try the assessment exam because there would be fewer students graduating at that time making the entire process more manageable. Because various Animal Science departments across the country focus
on different topics or species, having one exam that fits all would be difficult. The exam chair plans to focus initially on questions covering core animal sciences subjects (nutrition, breeding, reproduction, meats, general production). We then can expand on the core subjects as the need arises. The chair will appoint a committee of individuals with expertise in the core subject areas to help develop a test bank of questions.

The tables below show the exam summary for 2013 and current recorded exams as of June 11, 2014. This same 2013 summary table also was in the mid-year report in January, 2014. The overall pass rates shown in the table are weighted means based on the total number of passed exams. Since 2010 the number of exams given per year have been fairly steady at 133 to 160 exams, and the overall pass rate has been between 63 and 69%. The increase in the number of exams given last year was in part because a co-op encouraged their sales force to achieve PAS status.

### Exam Summary for 2013

<table>
<thead>
<tr>
<th>Exam</th>
<th>Total Given</th>
<th>Passed</th>
<th>Failed</th>
<th>% Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef Cattle</td>
<td>34</td>
<td>23</td>
<td>11</td>
<td>67.6</td>
</tr>
<tr>
<td>Companion Animals</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Dairy Cattle</td>
<td>197</td>
<td>137</td>
<td>60</td>
<td>69.5</td>
</tr>
<tr>
<td>Dairy Product Sciences</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Goat</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Horse</td>
<td>36</td>
<td>14</td>
<td>22</td>
<td>38.9</td>
</tr>
<tr>
<td>Laboratory Animal</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>50.0</td>
</tr>
<tr>
<td>Meat Science</td>
<td>4</td>
<td>1</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Poultry</td>
<td>6</td>
<td>4</td>
<td>2</td>
<td>66.7</td>
</tr>
<tr>
<td>Sheep</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Swine</td>
<td>7</td>
<td>1</td>
<td>6</td>
<td>14.3</td>
</tr>
<tr>
<td>Totals</td>
<td>288</td>
<td>182</td>
<td>106</td>
<td>63.2</td>
</tr>
</tbody>
</table>

### Exams Given Up To June 11, 2014

<table>
<thead>
<tr>
<th>Exam Taken</th>
<th>Number Given (Paper)</th>
<th>Number Given (Online)</th>
<th>Passed (Paper)</th>
<th>Passed (Online)</th>
<th>% Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beef Cattle</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>66.7</td>
</tr>
<tr>
<td>Dairy Cattle</td>
<td>21</td>
<td>5</td>
<td>19</td>
<td>5</td>
<td>92.3</td>
</tr>
<tr>
<td>Horse</td>
<td>21</td>
<td>4</td>
<td>9</td>
<td>2</td>
<td>44.0</td>
</tr>
<tr>
<td>Poultry</td>
<td>3</td>
<td>-</td>
<td>3</td>
<td>-</td>
<td>100</td>
</tr>
<tr>
<td>Sheep</td>
<td>1</td>
<td>-</td>
<td>0</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>Swine</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Companion Animal</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>Totals</td>
<td>60</td>
<td>41</td>
<td></td>
<td></td>
<td>68.3</td>
</tr>
</tbody>
</table>
Activity since 2013 Annual Meeting: As reported at the mid-year telephone conference, pictures taken at the 2013 annual meeting were posted with the August Newsletter. Established a page on Wikipedia for ARPAS’ Worked with Ken in producing history of ACAS. Jeremy organized our history web site which is current thru 2010. Have drafted a ARPAS history update including 2011 thru 2013 activity. Also still interested in finding a company to manufacture official ARPAS polo shirts. Ken is working with Lands End on a proposal that we will discuss further at the annual meeting.
American College of Animal Sciences (ACAS) Report – ARPAS Governing Council Meeting

July 20, 2014

Randy Shaver, Ph.D., PAS, Dipl. ACAS - Nutrition, ACAS President

Current ACAS Officers and Board
Randy Shaver, President; Marit Arana, President-Elect; Randy, Past President; Dale Hill, Secretary-Treasurer; Kenneth Cummings Executive Vice President of ARPAS

Elections Results
No elections were held. Nominations solicited from the membership prior to and during Kansas City Meeting for President-Elect. The Nominating committee (Randy Shaver, Dale Hill, and Marit Arana) to then establish a ballot with two candidates and solicit votes in August from the membership by electronic ballot to have a new President-Elect by September 1, 2014.

Disciplines & Directors

**Discipline of Animal Nutrition**
Marit J. Arana, A.L. Gilbert Company

**Discipline of Animal Food Science**
Kenneth W. McMillin, Louisiana State University AgCenter

**Discipline of Animal Breeding and Genetics**
Allan P. Schinckel, Purdue University

**Discipline of Animal Physiology**
Jonathan Goodson, Evonik Degussa

**Discipline of Animal Welfare Science**
Geoffrey A.H. Cochrane, Russell Veterinary Services

**Discipline of Applied Animal Behavior Science**
Dr. Jeff S. Pendergraft, Pendergraft and Associates, LLC

New Board-Certified Members

Mike Galyean, Texas Tech Univ., Animal Nutrition
James Chapman, Prince Agri-Products, Animal Nutrition & Animal Physiology
Paul Beck, University of Arkansas, Animal Nutrition
Robin Rastani, Novus Intl., Animal Nutrition
Robert Corbett, Dairy Health Consultation, Animal Nutrition

Nearing completion of the approval process are 8 applicants for Animal Nutrition and 2 applicants for Animal Welfare Science.
Change to Article VI of ACAS Bylaws

This was ratified by vote of ACAS Membership via electronic ballot with 82% of those voting in favor of the change.

“M.S. or Ph.D. in animal nutrition, animal physiology, animal genetics, food animal science, applied animal behavior science, or animal welfare sciences (subject of thesis or dissertation) or any post-baccalaureate/post-secondary/professional degree (or equivalent as approved by the ACAS Board) from an approved institution;”

Minutes of 2013 ACAS Meeting in Indianapolis

American College of Animal Sciences
Annual Meeting held in conjunction with the Joint Annual Meeting of
American Society of Animal Science and American Dairy Science Association
Indianapolis Convention Center, Room 128, Indianapolis, Indiana

The annual meeting of ACAS was called to order by President Randy Shaver at 12:40 PM on Tuesday July 9, 2013 with 12 members present. Members present introduced themselves.

Randy Shaver read the agenda, motion was made and seconded to accept the agenda, and was approved by voice vote.

Minutes of the 2012 Annual Meeting and minutes of the Executive Committee conference calls between the 2012 and 2013 Annual Meetings were distributed to all present. Motion was made and seconded to approve the minutes, and approved by voice vote.

President’s report – Richard Reynells resigned as President-Elect due to expanded job responsibilities, and Randy Shaver will serve a second term as President as indicated in the minutes of the Executive Committee conference calls. Dale Hill was elected Secretary (unopposed), and Marit Arana has been elected as President-Elect. ByLaw changes have been proposed to allow veterinarians and animal related PhDs to join ACAS, but they must qualify and be members of ARPAS first.

Secretary’s Report – Dale Hill reported all minutes are up to date and have been sent to Jeremy Holzner at FASS Headquarters as soon as they have been completed, usually within 24 hours of the meeting or conference call.

Executive Vice-President’s Report – Kenneth Cummings reported that the ARPAS meeting is tomorrow afternoon (Wednesday July 10th), the ARPAS Symposium is also tomorrow (Wednesday July 10th). Kenneth discussed the proposed changes to the ACAS ByLaws at the ARPAS Governing Board meeting on Monday, and the Governing Board requested a more complete definition of ACAS requirements this proposed expansion of criteria for certification, so this proposal goes back to the committee working on the proposal. Kenneth also noted that
ARPAS provides funding for ACAS, and that the ACAS budget was a break-even as dues essentially cover FASS office expenses for ACAS. Jeremy Holzner at FASS covers administrative duties for ACAS. Future Executive Committee conference calls will be on an as-needed basis.

Committee Reports – Marit Arana reported that there are 3 candidates in progress for Nutrition Certification. Marit also mentioned that she will continue as Nutrition Exam Chair and President-Elect until the next National meeting, as which time she will step down as Exam Chair and assume responsibilities as ACAS President.

No other Discipline Committee reports.

Nominating Committee – Jack Garrett confirmed that Marit Arana had been elected as President-Elect and that Dale Hill was re-elected as Secretary.

No old business was discussed.

New Business – Kenneth Cummings lead a continued discussion of the ByLaws proposed changes, and emphasized that ACAS must comply with ARPAS Constitution and ByLaws. If the ACAS ByLaws are changed, it may also require a revision of the ARPAS ByLaws as the degree and experience requirements are re-defined for ACAS. Marit Arana also discussed the Highly Qualified Individual check list, and a good discussion followed.

Jack Garrett also mentioned that there will be a dues increase for ARPAS to $100/yr (a $10/yr increase). ACAS has not changed dues structure. ARPAS Board took this action to maintain current good standing of Treasury funds as recent expenses were more than income. There seems to be a renewed interest in ACAS and ARPAS, part of this is likely due to allowing graduate students and academic quadrathalon and quiz bowl under graduate participants to take the ARPAS exam at no cost to them (cost is covered by the ARPAS Foundation). It is hoped that this will generate enough interest and dues revenue for the Foundation to continue this in future years.

Kenneth Cummings brought up that this group had used the ARPAS membership list to recruit applicants for ACAS, who are educationally qualified for ACAS. He suggested that the members consider this initiative again.

There being no further business brought before the members, the meeting was adjourned at 1:20 PM.
Committee members this year were:
Mr. Steve Adsmond
Dr. Robert Coleman
Mr. Chris Dei
Dr. Joanne Knapp
Ms. Amber Moffett
Dr. Will Seymour

Old Business
1. Review and revision of the ARPAS Code of Ethics. Filling out the ad hoc members for this initiative in a manner that promotes a balance between species’ interests and academia vs. industry in the committee representation has taken longer than anticipated. The committee development process is nearly completed, and the plan is to begin the review process in September with the goal of having an initial decision on whether revision is necessary by Dec. 1, 2014. If the committee’s recommendation is to revise the Code, the goal would be to have that completed by May 1, 2015.

2. Expanding the awareness of the Code of Ethics and the value of ARPAS membership. The committee has undertaken writing and submission of a series of articles highlighting professional ethics and the value of ARPAS certification to industry magazines. The first article has been published by Progressive Dairyman in their e-newsletter:


The article is being revised for submission to beef, equine, and swine magazines in the next 6 weeks. A second article is being developed for Progressive Dairyman that will focus on how technical professionals with ARPAS certification bring value to dairy operations.

New Business
1. No ethics complaints or issues have been submitted in the past 6 months since the January GC conference call.

2. Augmenting the Ethics page on the ARPAS web site with articles, e.g. Dwain Bunting’s 2005 and 2011 Feedstuffs articles, and other relevant resources. GC Council and FASS input is needed on how best to achieve this.
Total paid membership beginning July 2014 (1,586) was slightly higher than years 2012 (1,557) and 2013 (1,556). Paid membership lagged significantly behind in January of 2014, suggested that more frequent e-mail reminders by Jeremy may have been effective in encouraging unpaid members to become current. As no new members had been added to the membership committee in recent years, three new members accepted three-year appointments (B, Jenny, D. Boyles, T. Allen).
This year’s committee consisted of

Chair Paul Beck, AR, Southern Director
Justin Waggoner, KS (2014); Jason Rowntree, MI (2014); Troy Wistuba, MO (2015); and Matt Cravey, TX (2015); Glenn Duff, MT (2016); and Brett Hess, WY (2016); Plus Joanne Knapp, OH, Midwest Director as an Ad hoc member

I appreciate all the work this committee put forth.

Although, over 35 current, former and potential sponsors were contacted, this year income from corporate sponsorship has decreased by over 20% ($4,500) to $16,500.

**Platinum $2,500 per year**
Diamond V
Arm & Hammer Animal Nutrition
Alfagreen Supreme
Zinpro

**Gold $1,500 per year**
Provim North America, Inc.
Feedstuffs
DuPont Pioneer

**Bronze $500 per year**
Biozyme, Inc.
Lallemand
Purina Animal Nutrition
Quality Liquid Feeds

In addition to the above sponsors, 4 companies sponsored the publication of the Review articles from last year’s ARPAS Symposium that were just published, these sponsors included: Arm & Hammer Animal Nutrition, BioZyme Inc., Novus International, and Perdue Farms Inc.

We are currently planning on contacting some of our past and potential sponsors at the JAM to see if we can boost sponsorship from the current level. We also need to see if any changes or value additions need to be instituted to increase corporate sponsorship.
ARPAS Symposium: Customer/Consumer Confidence In The Livestock Industry-Ethics

**Chair: Jack E. Garrett, QualiTech, Inc.**

**Sponsor: ARPAS**

2102B

9:30 AM 102 *Perspectives on business ethics in a new-age feed industry.*
L. D. Bunting*, ADM Alliance Nutrition, Lubbock, TX.

10:10 AM 103 *Customer/consumer confidence in the livestock industry – Ethics: University perspective.*
M. L. Galyean*, Texas Tech University, Lubbock.

10:50 AM 104 *Veterinary perspective.*
C. D. Ashworth*, Elanco Dairy Business, Fort Smith, AR.

11:30 AM 105 *Regulatory definitions, processes, and functionality assessment for animal food.*
M. G. Alewynse*, and S. A. Benz*. Center for Veterinary Medicine, Olney, MD. Center for Veterinary Medicine, FDA, Woodbine, MD.
ARPAS 2014 Nominating Committee Report – ARPAS Governing Council Meeting

July 20, 0014

We developed the slate of officers, executed the process to contact them and ask them to serve, got bios, put them on the ballot, and held an electronic vote. Two excellent candidates were selected for open positions. Bob Wetteman was voted in as President Elect and Moe Baake as Secretary.

Bill Sanchez, Ph.D., Dipl. ACAN
ADSA Report: 2013 – ARPAS Governing Council Meeting
July 20, 2014
Gerald Higginbotham, Ph.D
ADSA Representative to ARPAS

Highlights include:

The Journal of Dairy Science® (JDS) was ranked 3rd of 54 journals in Thomson Reuters’ Agriculture, Dairy, and Animal Science category for the 2012 Impact Factor and continues to be ranked 1st by the 5-Year Impact Factor. The JDS was also ranked 1st by Eigenfactor Score, which removes self-citations, and 1st by total citations.

In the Food Science and Technology category, JDS was ranked 21st of 124 journals by the 2012 Impact Factor and 19th of 124 journals by the 5-Year Impact Factor. The JDS was ranked 3rd by Eigenfactor Score in this category and 3rd by total citations.

The journal published 740 articles in 7,429 (science) pages in 2012, and 783 articles in 8,134 (science) pages in 2013.

ADSA Annual Meeting/2013 JAM was another very successful meeting, by abstracts submitted and accepted, attendance (both scientists, and total attendees), and by survey results. In the first year ADSA “owned” the JAM, a new 2-society attendance record was set; registration revenue exceeded the prior year 3-society meeting, as did cash sponsorship. Pre-audit JAM net income exceeded budget, as well as prior year (a three-society meeting).

Individual memberships increased in 2013 by +12.5%. Paid professional members increased by +3.7%.

The third ADSA professional member satisfaction survey was launched in December 2013. 88.7% of the professional members responding were either extremely satisfied. The first survey in this series was conducted in 2011, where 419 professional members responded. In 2012, 236 professional members responded, and in 2013, 208 professional members responded. From the verbatim questions, the ADSA members responding did not indicate unmet needs. This is a good report card from a key segment of the membership.

S-PAC continues to grow, with ever more contributing conferences (49) and proceedings (470). 9 academic libraries subscribe to S-PAC and total subscribers have surpassed 500 for the first time.

Discover conferences performed very well from a financial and all other conference evaluation perspectives. Thanks to Larry Miller for excellent leadership and highly effective program and business management, and to Molly Kelley for her excellent meeting planning and committee support, and for representing ADSA so well.

The preliminary/pre-audit financial statements show continued growth and greatly increased strength for ADSA. Total assets grew by 28.4% from last year at this time, and total net
assets, grew by even more, at **31.9%**. Total assets (and net assets) would have been higher, except for the contribution ADSA made to the NRC update ($204,000). Total revenue came in at **133%** of budget (each program exceed budgeted revenue) and total expense came in at **101%** of budget (for each program, both revenue and expense, out-performed budget).

Financial performance for the Foundation was very good, as well. The preliminary total change in Foundation net assets was slightly negative after paying out $204,000 to the NAS/NRC.

The JDS Endowment fund grew by **+$1,306,661** net of investment management fees, in 2013, reflective of the unexpected and dramatic rise in the US equity market. At December 31, 2013, the fund stood at **$5,812,391**, or **72.7%** of the $8 million dollar goal. Once the goal is reached, member page charges will be set at zero. To provide interim relief to core contributing member-authors, ADSA launched an member-author loyalty program in the fall of 2013. The ADSA Board will consider its next contribution to the JDS Endowment fund at the 2014 Annual Board meeting.

####
As reported earlier, the members of the Arkansas Chapter attending the meeting in Rogers approved expanding the area encompassed by the Chapter, or disbanding and re-organizing into a regional chapter. Thus a meeting was held before a regional meeting in Texarkana, AR, in December to assess the interest in a new chapter. Thirteen members (representing all four states) and three guests attended, and it was decided to accept an invitation to meet at Noble Foundation near Ardmore, OK. That meeting was scheduled for May 19th and 20th, but reservations were so limited that it was cancelled.

Dr. Philip Smith, Secretary, invited members to conduct the business by conference call, on June 6th, and he sent each potential member in the four-state area a draft copy of the proposed By-Laws that had been adapted from the Midwest Chapter. He and I met for the conference call at Tyson Foods in Springdale. President Bob Hill conducted the meeting, and the By-Laws were approved. After some discussion, the name of South Central Chapter was accepted. Several potential meeting sites were discussed. It was decided to e-mail a ballot to ARPAS members in Arkansas, Louisiana, Oklahoma and Texas.

The balloting was requested by Dr. Smith as follows: “I would like to thank all the ARPAS members who were able to be on the conference call last Friday, June 6, 2014. We went through the By-laws and came up with South Central as the name for the proposed chapter. Please find enclosed a word document containing a draft of the By-laws for the proposed South Central ARPAS Chapter. The purpose of this email is to get a Yes or No vote if you plan to join the South Central ARPAS Chapter. Basically, I need you to reply to my email with a Yes or No vote by July 5, 2014. Please respond and let me know your vote. Also, if you have any questions or comments, please let me know.”

A reminder was sent before the deadline. Fifty ballots were received with 44 Yes and 6 No. Three members who voted “No” explained that they would remain members of the Southern Great Plains Chapter. So, we have an initial membership of 44 to begin the South Central Chapter.

Therefore, we are requesting approval of the new South Central Chapter.

Respectfully submitted
SOUTH CENTRAL CHAPTER OF THE AMERICAN REGISTRY OF PROFESSIONAL ANIMAL SCIENTISTS

BYLAWS

ARTICLE I NAME: The name of this Chapter shall be the South Central Chapter. The states of Arkansas, Louisiana, Oklahoma, and Texas make up the primary geographic area of this chapter.

ARTICLE II PURPOSE: The purpose of this local Chapter shall be consistent with the purpose of Article II, Charter from the bylaws of The American Registry of Professional Animal Scientists (ARPAS).

The local Chapter is to support the national program as it relates to recruiting, education, membership recognition, and provides a framework for continuing education and social interaction in areas of interest to members of the local Chapter. All organizational functions and activities of this chapter shall be conducted on an annual basis, defined as beginning January 1 and ending December 31 of each year.

ARTICLE III MEMBERSHIP: Membership of the local Chapter shall be drawn from members of ARPAS residing in the above designated states or surrounding states who wish to affiliate with this ARPAS Chapter.

ARTICLE IV OFFICERS: The officers of South Central Chapter of ARPAS shall be: President, President-Elect, Past-President, and Secretary/Treasurer. A Chapter Representative to the National ARPAS Governing Council will be appointed by the President. Four (4) directors, representing different states and with staggered terms will be elected by the membership. One director will initially serve a one-year term, one will serve a two-year term and two will serve a three-year term.

A Governing Council (GC) shall consist of the officers, the chapter representative (if the chapter has 50 or more members) and the four directors. The directors shall be elected at large from the local membership. The directors shall assist the Officers with Chapter activities and each director may chair a standing committee as directed by the President.

Officers and Directors serve without monetary compensation except for the Chapter Representative to the National ARPAS Governing Council, whose travel expenses to the National Annual Meeting may be reimbursed, as determined by the Chapter Governing Council.

The President shall have authority to sign documents on behalf of the chapter.
ARTICLE V ELECTIONS: The officers and directors of the Chapter shall be elected at the annual meeting of the Chapter by a majority vote of those members in attendance or by electronic ballot (email). Nominations may be made by the Governing Council and from the membership. Nominees for offices must agree to serve. The length of term for the Secretary/Treasurer shall be two years. President-Elect and Directors shall each serve a three-year term (President-Elect will serve one year as President-Elect, one year as President and one year as Past-President). In the event of a vacancy that occurs between elections, a replacement will be appointed by the President with approval from the Governing Council.

ARTICLE VI STANDING COMMITTEES: Role of the Standing Committees

A. Communications Committee. The Communications committee will develop and disseminate information to the membership using written or electronic media.

B. Membership Committee. The Membership committee will encourage membership of the Chapter from ARPAS members in the area served by the chapter.

C. Scholarship Committee. The Scholarship Committee will establish criteria for scholarships and develop a plan for raising fund for scholarships. The scholarship committee shall make recommendations for scholarship awards to the governing council.

D. Continuing Education Committee. This Continuing Education Committee will source and develop continuing education opportunities for chapter members consistent with the CEU requirements of ARPAS. The Governing Council will serve as the Continuing Education Committee and will be chaired by the President.

Committee Chairpersons shall be directors of the chapter and assigned by the President to chair one of the standing committees. Committee chairpersons will select three additional members for their committee. Each committee member will serve a three-year term except for the initial committee members, one of which will serve a one-year term, one to serve a two-year term and one to serve a three-year term. If a vacancy occurs, the chairperson will select another chapter member to fill the unexpired term. The committee chairperson shall notify the President of their committee members and activities. The Governing Council shall provide direction to each committee chairperson.

ARTICLE VII DUES AND FEES: All dues and fees shall be collected and administered by either the Secretary/Treasurer of the Chapter or by National ARPAS. The chapter membership dues and fees amount and method of collection shall be established by the Chapter’s Governing Council. Fees for Continuing Education Courses, if any, will be established by the Continuing Education Course Committee and approved by the Governing Council.
ARTICLE VIII ACTIVITIES:

A. Meetings – The annual meeting will be scheduled so as to not conflict with other activities that may be of interest to the membership. Special meetings of the Chapter may be called by the President. Special groups within the chapter are encouraged to hold separate meetings in conjunction with other animal science meetings.

B. Publications – All communications will be published by the Chapter, the format to be determined by the Governing Council.

C. Miscellaneous – The Chapter shall carry out such other activities that are consistent with the purpose of the South Central Chapter of ARPAS as determined by the Governing Council and are not expressly prohibited by the charter or by-laws of ARPAS, or this Chapter. An annual report of the chapter activities shall be submitted to the ARPAS Governing Council.

ARTICLE IX SCHOLARSHIPS:

South Central Chapter of ARPAS Scholarship Program – The Governing Council, upon recommendation from the Scholarship Committee, may develop a scholarship program. This program will be administrated by the governing council with input from the scholarship committee. The governing council will determine the number and dollar amounts of scholarships to be awarded and approve the scholarship recipients recommended by the Scholarship Committee. The Governing Council will keep the membership informed of their actions.

ARTICLE X AMENDMENTS to the BYLAWS:

Changes in these Bylaws may be made by a two-thirds majority of members voting at a business session of the annual meeting or by a two-thirds majority of all votes cast in a mail or electronic ballot; provided, that notice of the proposed amendments shall have been sent to every member at least one month before the date of the meeting at which it is to be considered, or at least one month before the last date for return of ballots in the case of a mail or email ballot.

Adopted June 6, 2014
California ARPAS Chapter Report – ARPAS Governing Council Meeting
July 20, 2014

The California ARPAS chapter had 117 paid members as of our meeting in May. Our primary fundraiser, the Bang for Your Buck trapshoot, netted more than $13,000 last year; funds are used to support scholarships. The event this year will be on August 29 at the Kingsburg Gun Club. Our Continuing Education Meeting, held annually since 1986, will be October 29 and 30 at the Inn at Harris Ranch. Speakers this year are Ray Nebel, John McNamara, Troy Ott and Ronaldo Cerri who will be speaking on production and reproduction in cattle. Dale Woerner will be speaking on what happens when all else fails. Chapter finances remain strong.

The chapter has requested that we ask the organization if there is a reason or a need for ARPAS to be involved in national issues affecting animal agriculture. This question came from the proposed regulations for FSMA, legislation which will severely impact animal agriculture.

Respectfully submitted,

Carl Old PAS
Colorado/Wyoming/Nebraska ARPAS Chapter Activity Report – ARPAS Governing Council Meeting

July 20, 2014
Kelcey Swyers

- Colorado/Wyoming/Nebraska ARPAS Chapter Officer Names and Positions:
  - President: Kelcey Swyers, Ranch-Way Feeds
  - President Elect: Matt Luebbe, University of Nebraska
  - Poster Competition: Kelley Neuhold, ADM/Loomix
  - University Rep Elect: Scott Lake, UW
  - Treasurer: Bob Brown, Brown Ruminant Consulting

- Brief Overview of the Colorado/Wyoming/Nebraska ARPAS chapter activities for the year:
  - The Colorado/Wyoming/Nebraska ARPAS Chapter hosts an annual beef nutrition and management meeting. The last meeting was held on Sept. 19, 2013 at CSU’s ARDEC facility near Ft. Collins and the title of the meeting was “Linking University and Industry Efforts for the Benefit of the Beef Industry.” The speakers were: Drs. Tim Holt (CSU), Kris Wilson (Silver Spur), Jason Ahola (CSU), Mark Stayton (UW), Matt Luebbe (UNL), and Jenny Schutz (ADM/Loomix).
  - For 2014, we have decided to rotate the location of the meeting between the 3 different affiliate states: CO, NE, and WY. This year, the meeting will be held in Brule, NE and the name of the meeting has been changed to “High Plains Nutrition & Management Roundtable.” This year’s meeting will be held on Thursday, Aug. 2014 and will be titled “Focus on Increasing Cow Herd Size and Beef Production.” The speakers will be: Drs. Aaron Stalker (UNL), Dr. Karla Jenkins (UNL), Tom Brink (Brink Consulting), George Seidel (CSU), Steve Paisley (UW), Darrell Wilkes (Verified Beef), and Kent Anderson (Zoetis). The presenters will submit a copy of their presentation for a proceedings packet which is given to the attendees at the beginning of each meeting. Attendees can also earn ARPAS CEU’s for attending each Nutrition Roundtable: 5 credits.
  - Also, at each annual meeting, the chapter also hosts a graduate student poster competition in conjunction with the Roundtable. The graduate students are required to submit a copy of their poster prior to the meeting and the posters are evaluated by academic faculty and industry representatives via visual appraisal and interview. During the evaluation, the poster presenter is questioned about the research and the poster is evaluated by the evaluation panel. At the end of the Nutrition Roundtable prizes are presented to the 1st, 2nd, and 3rd place winners.
  - At the Chapter Business meeting last September (9/19/13), the chapter voted to start collecting annual chapter dues ($10 each) through the national membership renewal process. Also, we would cover the annual dues and ARPAS exam fees for any student that competed in the previous year’s graduate student poster competition.
  - A website was created to advertise our chapter and to facilitate communications about the meeting, registrations, etc: www.nutritionroundtable.org
  - An archive of each annual meeting is listed below:
<table>
<thead>
<tr>
<th>Date</th>
<th>Theme</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 16, 1997</td>
<td>Assessing Mineral Status of Livestock</td>
<td>Cheryl Nockels, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dan Gould, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bruce Johnson, Zinpro Corporation</td>
</tr>
<tr>
<td>September 25, 1997</td>
<td>Nutrition and the Immune System of Cattle</td>
<td>Frank Blecha, Kansas State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ken Odde, Pfizer Animal Health</td>
</tr>
<tr>
<td>March 26, 1998</td>
<td>The Metabolizable Protein System for Cattle</td>
<td>Jack Whittier, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Terry Klopfenstein, University of Nebraska</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Don Adams, University of Nebraska</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tim Stanton, Colorado State University</td>
</tr>
<tr>
<td>September 24, 1998</td>
<td>Applying the Revised Nutrient Requirements Of Beef Cattle</td>
<td>Danny Fox, Cornell University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Melody Grigsby, Brill Corporation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carl Alexander, Dalex Corporation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>David Lalman, Oklahoma State University</td>
</tr>
<tr>
<td>March 25, 1999</td>
<td>Specialized Grains in Feeding Livestock</td>
<td>David Ames, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mitch Anderson, Agland</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fred Owens, Optimum Quality Grains</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Steve Soderlund, Optimum Quality Grains</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Davy Brown Ruminant Nutritionian</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dave McClellen, Feedlot Consultant</td>
</tr>
<tr>
<td>September 23, 1999</td>
<td>Whole Farm Nutrient Management from a Nutritional Perspective</td>
<td>Tom Haren, Colorado Livestock Association</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jessica Davis, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mike Galyean, Texas Tech University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>John Wagner, Continental Beef Research</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lannis Smith - Panel, Midwest Feedlot Nutrition</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bill Wailes - Panel, Colorado State University</td>
</tr>
<tr>
<td>March 23, 2000</td>
<td>Supplementing Fats and Oils to Livestock</td>
<td>Dan Rule, University of Wyoming</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ken Allen, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bret Hess, University of Wyoming</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Patrick Burns, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Richard Zinn, University of California</td>
</tr>
<tr>
<td>September 28, 2000</td>
<td>What is and is not possible from Mineral Nutrition?</td>
<td>Burke Teichert, Deseret Ranches of WY and NE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Terry Engle, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jerry Spears, North Carolina State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>John Paterson, Montana State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Paul Siciliano, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bok Sowell, Montana State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bud Williams, Benkelman, NE</td>
</tr>
<tr>
<td>September 27, 2001</td>
<td>Issues and Standards for Having a Secure Food and Feed Supply in the United States</td>
<td>Richard Sellers, American Feed Ingredient Asso</td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
<td>Speakers</td>
</tr>
<tr>
<td>---------------</td>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>March 28, 2002</td>
<td>Nutrition, Growth Promotants and Antibiotics in Beef Production</td>
<td>Art Raun, Eagles Nest Ranch, Elbert, CO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dan Carter - WY Grad Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bill Platter - CO Grad Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bill Baumgardt, ARPAS Executive Vice Pres</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gary Sides, Intervet, Inc</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pat Mulvehill, Irish Poultry Processors Asso</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Galen Erickson, University of Nebraska</td>
</tr>
<tr>
<td>September 26, 2002</td>
<td>Components of Rumen Function and Dysfunction As they Relate to Beef Cattle Production</td>
<td>Clint Krehbiel, Oklahoma State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Larry Berger, University of Illinois</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fred Owens, Pioneer Hybrid International</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ivan Rush - Panel, University of Nebraska</td>
</tr>
<tr>
<td>March 27, 2003</td>
<td>Water as a Nutrient &amp; Its Requirements, Metabolism, Opportunities, Challenges, and How Livestock Impact its Quality</td>
<td>Michael Murphy, University of Illinois</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pablo Loza - CO Grad Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Trey Patterson, South Dakota State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kelly Lechtenburg, Midwest Feedlot Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Timothy DelCurto, Oregon State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rick Hoelsch, University of Nebraska</td>
</tr>
<tr>
<td>September 25, 2003</td>
<td>Nutritional Impacts on Marbling Deposition And the Implications of Early Weaning on Marbling and on Cow and Calf Performance</td>
<td>Dan Rule, University of Wyoming</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wade Small - WY Grad Student</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ivan Rush, University of Nebraska</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aaron Stalker, University of Nebraska</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Harlow Hill, Maddux Ranches, Wauneta, NE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bret Hess, University of Wyoming</td>
</tr>
<tr>
<td>March 25, 2004</td>
<td>Starch Metabolism in Ruminants: Utilization And Application</td>
<td>Dave Harmon, University of Kentucky</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Richard Zinn, University of California</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fred Owens, Pioneer Hybrid International</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sean Montgomery, Kansas State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Davy Brown - Panel, Agland</td>
</tr>
<tr>
<td>September 23, 2004</td>
<td>Supply Chain Management Systems</td>
<td>Kevin Murphy, Vance Publishing/Food Systems Insider</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mike Self, Swift and Company</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Larry Corah, Certified Angus Beef, LLC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reed Richardson, Texas Tech University</td>
</tr>
<tr>
<td>March 24, 2005</td>
<td>Intrauterine Nutrition: Implications for Livestock Production</td>
<td>Gary Tibbetts, Zinpro Corporation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Steve Ford, Dr. Bret Hess, University of Wyoming</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Joel Caton, North Dakota State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Don Adams, University of Nebraska</td>
</tr>
<tr>
<td></td>
<td></td>
<td>George Seidel, Colorado State University</td>
</tr>
<tr>
<td>September 22, 2005</td>
<td>Western Rangeland Management -- Implications for Livestock Production</td>
<td>Dick Diven, Agri-Concepts, Inc</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Burke Teichert, Deseret Ranches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>John Scanga, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jim Coakley, Coleman Natural Foods</td>
</tr>
<tr>
<td>March 23, 2006</td>
<td>Vitamins and Antioxidants in Beef Cattle Nutrition: Implications for Receiving Cattle</td>
<td>Paul Siciliano, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bruce Hoffman, Animal Profiling International, LLC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>John Wagner, Colorado State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nathan Elam, New Mexico State University</td>
</tr>
<tr>
<td>September 26, 2006</td>
<td>Managing through high roughage costs: Feedyard and cow-calf prospectives</td>
<td>Dan Faulkner, University of Illinois</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Monty Kerley, University of Missouri</td>
</tr>
</tbody>
</table>
March 22, 2007  
Managing through high corn costs: Cow-calf and feedyard prospectives

March 27, 2008  
Emerging Issues in the Feedyard Industry (Lamar, CO)

September 27, 2007  
Natural Beef: Perceptions vs Realities, Production vs. Problems and Possibilities; Science vs. Hype

September 25, 2008  
New Realities of Low Grain Animal Production Systems: Beef Production and Meat Quality Impacts

March 26, 2009  
Emerging Opportunities in Cattle Feeding (Scottsbluff, NE)

September 24, 2009  
Interactions of Nutrition and Reproduction In Beef Cattle

March 25, 2010  
Efficiency Opportunities in Producing Meat Products

September 16, 2010  
Carbon Balancing Acts: Green Cows And Carbon Footprints

September 9, 2011  
Applied Nutritional Management in A Changing Feed Environment
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization/University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Jerry Valesky</td>
<td>University of Nebraska</td>
</tr>
<tr>
<td>Mr. John Rakestraw</td>
<td>AgraHoldings, LP</td>
</tr>
<tr>
<td>Dr. Mary Beth Hall</td>
<td>USDA ARS</td>
</tr>
<tr>
<td>Dr. Tim Hold, DVM</td>
<td>CSU</td>
</tr>
<tr>
<td>Dr. Kris Wilson</td>
<td>Silver Spur Ranches</td>
</tr>
<tr>
<td>Dr. Jason Ahola</td>
<td>CSU</td>
</tr>
<tr>
<td>Dr. Mark Stayton</td>
<td>UW</td>
</tr>
<tr>
<td>Dr. Matt Luebke</td>
<td>UNL</td>
</tr>
<tr>
<td>Dr. Jenny Schutz</td>
<td>ADM/Loomix</td>
</tr>
</tbody>
</table>
Midwest Director's Report to the Governing Council – ARPAS Governing Council Meeting
July 20, 2014
Submitted by Joanne Knapp, Ph.D. PAS, Midwest Director

The Midwest ARPAS Chapter is continuing to grow and expand its activities in the region. There were 125 members as of April 2014. Current officers are:

Dr. Joanne Knapp, President-elect
Dr. Dwight Roseler, Past President
Dr. Ken Zanzalari, Secretary-Treasurer
Dr. James Coomer, Director
Ms. Amber Moffett, Director

Dr. Dale Hill, Director
Dr. Phil Kreuger, Director
Dr. Chad Risley, Director
Dr. Randy Walker, Director

Chapter activities during the past 6 months include:

1. Sponsoring a dinner in conjunction with the undergraduate and graduate student poster presentation competition at the Tri-State Dairy Nutrition Conference. The dinner was attended by 63 people. A 10-minute presentation was given by Dr. Joanne Knapp on “What is ARPAS and what’s the value of ARPAS membership” followed by a showing of the CA ARPAS Chapter video. The dinner was very well received by students, their professors, and industry professionals. The Tri-State Planning Committee would like to see the event continued, and Dr. Maurice Eastridge indicated that they would work with the Midwest ARPAS Chapter on sponsorships to pay for the event.

2. Upcoming activities:
   a. Executive Council Brainstorming & Planning Session during the JAM -- Wednesday, July 23, 2014
   b. Sponsoring Dr. Jim Linn’s presentation “75 Years of Nutrition Research” at the Minnesota Nutrition Conference on September 17, 2014
   c. Presentation “What is ARPAS” on Sept. 17, 2014 at the Minnesota Nutrition Conference, speaker TBD

3. Officer elections for 2014-2015. The slate will be finalized by Aug. 1 and elections held electronically by Sept. 1, 2014. Open offices are: President-elect, Secretary-Treasurer, and 2 Directors’ positions.
The Southern Great Plains Chapter met on the morning of Friday April 11, 2014 at the Riverwalk suites hotel in San Antonio Texas. The meeting was attended by 9 members.

Attendance:
Lionel Lane, Casey Maxwell, Clint Krehbiel, Britt Hicks, Andy Cole, Mike Galyean, Justin Waggoner, Steve Blezinger, Kim McCuistion

New Business:
A motion was made and passed to continue holding the fall SGP-ARPAS meeting in Lubbock. The meeting is tentatively scheduled for the first or second week of November.

A motion was made and passed to discontinue the breakfast meeting traditionally held at the Plains Nutrition Conference and to move the election and installation of new officers to the fall meeting. A meeting of the officers will be held during the Plains Nutrition Conference. Current officers will remain in their respective positions until the 2015 fall meeting.

Current Officers:
Justin Waggoner- President through 2015
Dwain Bunting - President Elect
Kim McCuistion- Sec/Treasurer through 2015
Steve Blezinger – Director
Casey Maxwell – Director
Britt Hicks - Past President
The Washington DC Area Chapter of ARPAS had a full slate of activities for the 2013/2014 year. Five monthly luncheon meetings were held and the dates, speakers, and titles of their presentations were as follows:

- **Tuesday, September 17, 2013** – Dr. Daniel Nelson, Assistant Professor, Institute for Bioscience and Biotechnology Research, Department of Veterinary Medicine, University of Maryland, Rockville, Maryland – “Evaluating Bacteriophage-based Strategies for Diagnosis and Treatment of Bacterial Infections”
- **Thursday, November 7, 2013** – Dr. Kasey Moyes, Assistant Professor, Department of Animal and Avian Sciences, University of Maryland, College Park, Maryland – “Potential Mechanisms Linking Mastitis to Risk of Subsequent Disease in Lactating Dairy Cows”
- **Tuesday, February 11, 2014** – Mr. Neil E. Hammerschmidt, Program Manager, USDA, APHIS, Veterinary Services, Animal Disease Traceability, Riverdale, Maryland – “National Animal Identification System”
- **Tuesday, March 25, 2014** – Ms. Jennifer Woodward-Greene, Program Analyst, USDA, ARS, Office of International Research Programs, Beltsville, Maryland – “Phenotype Measurements in Sub-Saharan African Goats”

On Wednesday, April 30, 2014, the Washington DC Area Chapter of ARPAS held their annual mini-symposium at the Henry A. Wallace Beltsville Agricultural Research Center with about 27 individuals in attendance. The title of the mini-symposium was “Probiotics and Antimicrobial Alternatives in Animal Agriculture”. The speakers discussed prebiotics, probiotics, and symbiotic materials and their possible modes of action. Some of these antibiotic alternatives are being commercialized and used in the poultry industry to improve gut health in broiler chickens. Others are being used to modify the microbiota composition in obesity models (swine) and study the relationship to gastro-intestinal function. Titles of the presentations and their presenters were as follows:

- **Opening Remarks** – Dr. Adam Orr, President-Elect - Washington DC Area Chapter of ARPAS
- **Introduction** – Dr. Gerald E. Poley, President – Technical and Nutrition Service, Inc., Columbia, Maryland
- **Alternatives to Antibiotics: Overview and Engineered Peptidoglycan Hydrolases that Reduce Resistance Development** – Dr. David M. Donovan, Research Molecular Biologist –
Animal Biosciences and Biotechnology Laboratory, Beltsville Agricultural Research Center, Beltsville, Maryland

- **Various Antibiotic Alternative Strategies to Reduce Pathogen-Induced Inflammation and to Maintain Gut Homeostasis in Broiler Chickens** - Dr. Hyun Lillehoj, Research Molecular Biologist – Animal Biosciences and Biotechnology Laboratory, Beltsville Agricultural Research Center, Beltsville, Maryland

- **Use of Bacteriophage and/or Probiotics to Control Pathogen Colonization in Farm Animals** – Dr. Debabrata Biswas, Assistant Professor - Department of Animal and Avian Sciences and Center for Food Safety and Security Systems, University of Maryland, College Park, Maryland

- **Effect/Function of Probiotics on Microbiota Composition in Obesity Models and Relationships with GI Function** – Dr. Gloria Solano-Aguilar, Microbiologist - Diet, Genomics, and Immunology Laboratory, Beltsville Human Nutrition Research Center, Beltsville, Maryland

Following the mini-symposium, the Washington DC Area Chapter of ARPAS held its annual awards banquet at the Holiday Inn in College Park, Maryland. About 30 individuals attended the banquet. Dr. Diane Wray-Cahen, Science Advisor, USDA, Foreign Agricultural Service in Washington, DC gave a key-note presentation entitled “Animal Biotechnology and the Foreign Agricultural Service”.

Academic Achievement Awards in the amount of $200.00 each were given to four undergraduate students in the Department of Animal and Avian Sciences at the University of Maryland. The recipients were: Anna D. Matz and Meghan C. Hahne, both Juniors and Meghan E. O’Donnell and Alicja I. Reczynska, both Seniors.

The Dr. Vernon G. Pursel Memorial Distinguished Service Award was presented to Dr. Sharon A. Benz, Director of the Division of Animal Feeds at the FDA-Center for Veterinary Medicine in Rockville, Maryland. Dr. Benz has been at the FDA-Center for Veterinary Medicine since 1990 and she currently manages a staff of 32 scientists, regulatory experts, and administrative personnel. The Division of Animal Feeds is directly responsible for the regulation of animal food that is marketed or utilized in the United States and Dr. Benz spearheads the regulatory activities pertaining to animal feed safety at the Federal level. Dr. Benz has been involved with the Washington DC Area Chapter of ARPAS for a number of years and he has served the Chapter as President-Elect, President, and Past-President.

The Chapter Officers for 2014/2015 are: Dr. Adam Orr, President; Dr. Jessica Meisinger, President-Elect; Dr. Robin Keyser, Secretary; Dr. William Price, Treasurer; and Dr. Padmakumar Pillai, Past-President.

Directors-at-Large for 2014/2015 are: Dr. Gerald Poley and Dr. Richard Reynnells
PAACO Executive Director: Mike Simpson
ARPAS representatives on PAACO board: Terry Mader, Ted Friend, and Frank Owsley.

PAACO is made up of a coalition of five professional animal industry organizations.

- American Association of Avian Pathologists
- American Association of Bovine Practitioners
- American Association of Swine Veterinarians
- American Registry of Professional Animal Scientists
- Federation of Animal Science Societies

PAACO’s mission is to promote the humane treatment of animals through education and certification of animal auditors, as well as the review and/or certification of animal audit instruments, assessments and programs.

Certified Audit Instruments

- PAACO maintains a list of 12 core minimum requirements for audit instrument certification. Those criteria are reviewed regularly and will be discussed at a July 2014 board meeting.
- Currently there are six species audits that have certified status – American Meat Institute Meat Plant Welfare, Validus Dairy Production, FACTA Swine Production, National Pork Board PQA Plus Swine Well-Being Verification, Perdue Foods Broiler Production, and FACTA Turkey Production.
- Two audit instruments underwent annual reviews for re-certification; four programs were newly certified in the past year. Additional audit tools covering swine (2), turkey (1) and broilers (2) are in the review/certification process.

Auditor Training

- In first six months of 2014, four Meat Plant trainings were held - 2 US, 1 Canadian; 72 trainees.
- In last half of 2014, both a Poultry auditor training (August) and a Meat Plant training (October) are scheduled.
- The Poultry training class has had high demand and we expanded the training from the typical 60 to 85 trainees and have filled the class.
- Contacts regarding other species and additional courses were received, responded to and continue to be pursued.
- Development and implementation began for a Brazilian based program for auditor training for cattle, swine and broiler slaughter. A successful cattle slaughter training was held in January and a broiler training is scheduled for September. Discussions and potential implementation of an Australian Meat Plant course also have been initiated.

Certified Auditors
• Auditors must maintain their certification status through 12 annual contact hours of continuing education and a $150 fee
• As facilities allow, certified auditors are allowed to attend the lecture portion of the trainings for continuing education credit
• Currently there are four categories of certified PAACO auditors or verifiers:
  • Meat Plant – 220 auditors
  • Poultry (layer, broiler & turkey) – 310 auditors
  • Dairy – 6 auditors
  • PQA+ -- 15 verifiers

**Other – Stakeholder Relations**

• PAACO has in place an Advisory Council who are financial supporters of our mission of quality audits and auditing. That Council consists of: National Pork Producers Council, US Poultry & Egg Council, and McDonalds Corporation.
• Poultry suppliers and allied industry companies have supported the annual poultry trainings through sponsorships. This year a record 20 companies are helping sponsor the training.
• Numerous major poultry companies and cattle and swine slaughter facilities continue to cooperate in the trainings by providing instructors and facility access at no cost.
• In 2014, regular contact was maintained with numerous retail and foodservice companies who utilize PAACO resources for training and welfare information.

**Leadership/Administration**

• PAACO is governed by a 15-member board made up of appointees from the five founding member organizations. Two new directors were seated in the past year. Current officers are:
  • Chairman: Terry Mader (ARPAS)
  • Vice Chairman: Jennifer Walker (AABP)
  • Secretary: David Pyle (AAAP)
  • Treasurer: Matt Anderson (AASV)
• PAACO’s approved 2014 budget is $238,000 (income) & $167,000 (expense).
• Through June, 2014, PAACO has a net worth of about $340,000.
• See included fact sheet for general information.
PAACO is the Professional Animal Auditor Certification Organization, Inc., made up of a coalition of five professional animal industry organizations. Those organizations are:

- American Association of Avian Pathologists
- American Association of Bovine Practitioners
- American Association of Swine Veterinarians
- American Registry of Professional Animal Scientists
- Federation of Animal Science Societies

PAACO’s mission is to promote the humane treatment of animals through education and certification of animal auditors, as well as the review and/or certification of animal audit instruments, assessments and programs.

PAACO has a full-time professional executive director charged with advancing our mission and maintaining our programs and policy system. Every director is active in volunteering their services beyond setting policy. Committees function to plan and develop activities to further the mission of PAACO and to serve the animal and food industries.

PAACO was formed in 2004 when leaders of the founding organizations identified a need to promote and advance sound animal auditing through standards for auditors in education, training and experience.
Why is the PAACO organization important?

**PAACO serves:**
Animal welfare issues affect multiple segments of our animal and food industry. We must rely on allied groups to support the comprehensive animal care areas we serve. Animal care is widely recognized to have an impact on the following areas:
- food retailing
- food service industry
- government food purchases
- meat/poultry manufacturers and processors
- meat/poultry packers
- meat animal marketing
- animal production facilities/farms
- pharmaceutical companies
- equipment manufacturers
- animal laboratories
- recreational interests associated with animals.

**PAACO provides:**
A. Uniform minimum standards for auditors:
   - Education and experience
   - Training that leads to uniform competency
   - Procedures based on best professional practices and science
   - Continuing education requirements to maintain certification
   - Professional training in audit protocol and education of criteria to be verified. PAACO auditors are trained to report findings to their clients in a quantifiable and unbiased manner.
   - Applicable code of conduct to maintain certification
B. Uniform minimum criteria for audits:
   - Animal science and veterinary professionals objectively assess the completeness of industry developed audits, develop conclusions, back them up and verify that an audit meets the required minimum criteria.
   - Required annual recertification during which updates are reviewed and new science relative to current welfare practices is approved

**PAACO meets needs:**
Audit and auditor evaluation, training and certification programs were initiated in 2006. Auditor training has been conducted for meat plant (cattle, swine, & sheep) and poultry (broiler, turkey & layer) production and slaughter areas. Auditor training programs have been based on professional and industry developed welfare criteria such as the American Meat Institute Foundation and the national poultry associations. Auditor training consists of 2 to 3 days of instruction by professionals, testing and successful completion of shadow audits to become certified. PAACO continues to develop audit and auditor welfare certification and training relationships in all livestock species.

**PAACO promotes collaboration:**
PAACO generates basic operational revenue from independent certification of audits and auditor training and certification fees. PAACO is supported by cash sponsorships from other parties interested in our mission including industry producer associations and allied food and animal industries.

**Council concept:**
Through its activities over the past 5 years and its interactions with all segments of the food chain — retail and food service to producers — PAACO has recognized an opportunity to continue to serve these segments and solve common problems related to quality auditing and audits. PAACO’s founding members provide a core of animal and poultry scientists and veterinarians who bring a level of expertise and excellent resources to the players in the food chain. PAACO has established a council that is open to associations, companies and other interested parties for a $5,000 annual membership. The purpose of the council is to advance, address and solve common issues in the animal care and verification areas through quality audits and auditing.

**Council member benefits include:**
- Participation in food chain industry sessions that are targeted to address specific identified issues in animal care, training and auditing
- Provide advice to PAACO’s board of directors
- Provide direction and input on programs and activities
- Receive regular communications on organization activities and industry-related happenings
- Identification as a company or organization that supports professional training, auditors and auditing as well as animal care
- Company/organization logo and link to your website from the PAACO website
Since last year’s Annual Meeting, three (3) ARPAS Newsletters have been produced and emailed. The August newsletter recapped the 2013 Annual Meeting and contained many of the various reports presented. It contained the 2013 President’s Report, Executive Vice-President’s Report, Treasurers Report, 2013 ARPAS ‘Distinguished Professional Animal Scientist’ Report, and reports from the Washington DC and Northeast Chapters. In addition there were a collection of distinguished photos from the 2013 Annual Meeting. The December 2013 newsletter had similar officer reports; Presidents, Executive Vice-Presidents, Treasurers, an update on the Professional Animal Scientist Journal. Chapter updates were received from California, Northeast and Washington DC. An update was also included from the Am Dairy Science Association including a link to the complete ADSA newsletter. Finally, an April edition was sent that included the Presidents’ letter, a note about 2014 elections, 2014 Symposium at JAM, an overview of the evolution of services provided by ARPAS, update on the PAS Journal, and reports from the Ethics committee, ARPAS Foundation, Professional Relations committee. Chapter reports were included from Arkansas, California, Midwest, and Washington DC chapters. A huge thank you goes to Jeremy Holzner for reminders, assembling, and publishing the documents

Respectfully submitted,

Jud Heinrichs
Northeast Section Report

The Northeast ARPAS Chapter will hold its annual meeting on November 12 during the Penn State Dairy Nutrition Workshop. Dr. Jim Fergusen will be the speaker on the topic of *Chromuim and potential benefits to reproduction*. This talk is Jim’s only one during the 2 day conference, and only ARPAS members can attend his talk. Our way of perhaps of showing the ARPAS folks that their membership makes them special! Last year we had 132 ARPAS members attend the Penn State Dairy Nutrition Workshop and we will continue to attempt to attract as many as possible to the annual meeting over the lunch hour on the first day of the conference. We also maintain annual dues at $5 to attract as many people as possible to join the NE Chapter.

Respectfully submitted,

Jud Heinrichs
The third meeting of the Northeast Chapter of the American Registry of Professional Animal Scientists was held on Tuesday, November 12, 2013. This was held in conjunction with the Penn State Dairy Cattle Nutrition Workshop at Grantville, PA. There were 51 ARPAS members in attendance.

Kenneth Cummings, Executive VP, ARPAS discussed the membership requirements, standard code of ethics, annual CEU requirements & dues, exams and a new national ARPAS program to attract student membership. Ken stated that the NE Chapter has $1050 in their account.

The new NE ARPAS Section Director-Dr. A. Jud Heinrichs was introduced. He will be responsible for the national ARPAS quarterly newsletter.

A mini-symposium has held after the short meeting and the presenter was Dr. Limin Kung, University of Delaware discussing the topic “Unlocking the Potential of Starch Availability in Corn Silage and High Moisture. This was the first year to hold a mini-symposium with our annual meeting. The sponsors of the symposia were; Arm & Hammer Animal Nutrition, Zinpro Corporation, and Akey Nutrition.

On Wednesday, November 12, 2014 the fourth meeting of the Northeast Chapter will be held again in conjunction with the Penn State Workshop. The mini-symposium will be presented by Dr. Jim Ferguson, U of PA on “Chromium and Potential Benefits to Reproduction.” Sponsors have been secured for the symposium.

Submitted by Mark S. Wagner, Pres NE ARPAS Chapter