**MINUTES OF THE AWARDS AND JOINT BUSINESS MEETING**

**MIDWESTERN SECTION ASAS**

**MIDWEST BRANCH ADSA**

**March 17, 2015**

**Call to order:** The meeting was called to orderat 6:02 p.m. by Alan Mathew, Midwest ASAS President.

**Introductions:** Alan Mathew introduced the Midwest ASAS and Midwest ADSA board members, the ADSA and ASAS presidents, and the Executive Directors of ASAS and ADSA. National ASAS and ADSA officers, past Presidents of Midwest ASAS and ADSA, and ASAS staff were also acknowledged.

**Minutes of the Awards and Business Meeting:** Alan Mathew, Midwest ASAS President, directed members to review copies of the minutes that were available on the tables. Kim Vonnahme moved and Don Orr seconded to accept the minutes as written. Motion passed.

**Financial Report:** Meghan Wulster-Radcliffe, ASAS Executive Director, provided an overview of the financial report. The end of 2014 balance was $166,603. Greg Lardy moved and Gretchen Hill seconded to accept the financial report. Motion passed.

**Sponsor Recognition:** Alan Mathew recognized the many sponsors of the Midwest meetings. The sponsors were asked to stand to be recognized by members.

**Midwest Board Report:** David Carlson, Midwest ADSA President, summarized changes to the meeting this year, including moving the poster competitions to Monday, using electronic poster boards, and making abstracts available on CD rather than printed format. He reported that the current facility has been secured for the 2016 meeting. David reiterated that the board always welcomes ideas and feedback to help improve the meeting.

**Program Committee Chair Recognition:** David Carlson, Midwest ADSA President, recognized Aimee Wertz-Lutz for her service and hard work developing the scientific program for the meetings.

Aimee Wertz-Lutz recognized the ASAS staff for all of their efforts organizing the meetings. The Midwest committee members were also recognized for their hard work and time.

**Program Report:** Aimee Wertz Lutz directed members to review the program report on the tables. Attendance remained strong this year. The current progrm is outstanding and there were many students in the competitions this year. Comments on the program were solicited for future years.

There were 435 abstracts accepted this year, 266 orals and 169 posters.

**AWARDS:**

**Young Animal Scientist Extension Award** (presented by Susanna Peterson, Land O’Lakes Purina Feed LLC) – Matt Spangler, University of Nebraska

**Young Animal Scientist Research Award** (presented by Jon Bergstrom, DSM Nutritional Products, Inc.) – Nicholas Gabler, Iowa State University

**Young Animal Scientist Teaching Award** (presented by Alan Matthew, Midwest ASAS/ADSA Board) – Brian Whitaker, University of Findlay

**Early Career Agribusiness Award** (presented by Josh Jendza, BASF) – Matthew Wolfe, Cargill

**National Pork Board Awards for Innovation** (presented by Chris Hostetler, National Pork Board)

**Research** – “Essential nature of fatty acids for the modern lactating sow”

D.S. Rosero, J. Odle, R.D. Boyd, and E. van Heugten.

“Mixing strategies for group-housed gestating sows: effects on production”

J.A. Brown, Y.M. Seddon, Y.Li, and M.M. Bouvier

**Education** – “Development of a mobile phone application to predict live body weight in Ugandan village pigs without the use of a scale using various body measurements”

M. Walugembe, Y. Liu, V. Sukhwal, D.M. Weiss, K.J. Stalder, and M.F. Rothschild

**Innovation in Dairy Research Award** (presented by David Carlson, Midwest ADSA President)

“Receiver Operator Curve (ROC) characteristics for a pregnancy test based on milk progesterone (mP4) concentration before or one week after timed AI”

L.J. Wilsdorf, S.E. Poock, and M.C. Lucy

**Competitive Paper Awards:**

**Undergraduate Oral Competition** (presented by Jim Sartin)

1st place -
Abstract # 407- Effect of Vitamin E injection pre-farrowing on antioxidant enzymes and

performance of nursery pigs following a PEDV outbreak.

J. T. Gebhardt\*1, G. M. Hill1, J. E. Link1, R. Becerra1, and R.

L. Stuart2, 1Michigan State University, East Lansing, 2Stuart Products Inc, Bedford, TX

2nd place -
Abstract #408- Survival and mitigation strategies of porcine epidemic diarrhea virus (PEDV) in complete feed.

M. P. Trudeau\*1, H. Verma2, F. Sampedro2, P. E. Urriola1,

G. C. Shurson1, and S. M. Goyal2, 1Department of Animal Science, University of Minnesota, St. Paul, 2Veterinary Population Medicine, University of Minnesota, St. Paul

3rd place -
Abstract # 404- Immune system stimulation by repeated lipopolysaccharide injection alters liver cytoplasmic protein profile in pigs.

A. C. Outhouse\*1, J. K. Grubbs1, C. K. Tuggle2, N. K. Gabler1,

A. Rakhshandeh3, and S. M. Lonergan1, 1Iowa State Univer- sity, Ames, 2Bioinformatics and Computational Biology Pro- gram, Department of Animal Science, Iowa State University, Ames, 3Texas Tech University, Lubbock

**Graduate M.S. Oral Competition** (presented Gary Cromwell and Gretchen Hill)

***Section 1:***

1st place –
Abstract # 371 - Effects of in utero heat stress on subsequent lactational performance of gilts and transgenerational effects on offspring.

J. G. Wiegert\*1, R. H. Preisser1, M. C. Lucy2, T. J. Safranski2, R. P. Rhoads1, J. W. Ross3, L. H. Baumgard3, M. J. Estienne4, and M. L. Rhoads1, 1Virginia Tech, Blacksburg, 2University of Missouri, Columbia, 3Iowa State University, Ames, 4Virginia Tech, Suffolk

2nd Place –
Abstract #363 -Influence of dietary fat source and feeding duration on pig growth

performance, carcass composition, and fat quality.

E. W. Stephenson\*, M. A. Vaughn, D. D. Burnett, C. B. Paulk, M. D. Tokach, S. S. Dritz, J. M. DeRouchey, R. D. Goodband, J. M. Gonzalez, and J. C. Woodworth, Kansas State University, Manhattan

3rd Place –
Abstract #366 - Evaluation of NE prediction equations for corn distillers dried grains with solubles (DDGS) for growing-finishing pigs.

F. Wu\*1, L. J. Johnston2, P. E. Urriola3, and G. C. Shurson3, 1Department of Animal Science, University of Minnesota, St. Paul, 2West Central Research and Outreach Center, University of Minnesota, Morris, 3Department of Animal Science, University of Minnesota, St. Paul

***Section 2:***

1st place –

Abstract #382 - Effects of feeding stockpiled tall fescue versus tall fescue hay during late gestation on pre-weaning calf performance.

K. N. Niederecker\*1, B. L. Vander Ley2, M. C. Heller3, and A. M. Meyer1, 1Division of Animal Sciences, University of Missouri, Columbia, 2Department of Veterinary Medicine and Surgery, University of Missouri, Columbia, 3Department of Veterinary Medicine and Epidemiology, University of California, Davis

2nd place –

Abstract #376 - Effects of corn dried distiller’s grains plus solubles supplementation to gestating cows fed low-quality forage on cow performance and feeding behavior.

V. C. Kennedy\*, M. L. Bauer, K. C. Swanson, and K. A.Vonnahme, North Dakota State University, Fargo

3rd place -
Abstract # 379 - Effects of corn treated with foliar fungicide at various times of applications on corn silage quality and aerobic stability.

K. J. Haerr\*1, N. M. Lopes2, J. Weems3, C. A. Bradley3, M. N. Pereira2, G. M. Fellows4, and F. C. Cardoso1, 1University of Illinois at Urbana-Champaign, 2Federal University of Lavras, Lavras, Brazil, 3Department of Crop Sciences, University of Illinois at Urbana-Champaign, 4BASF Corporation, Research Triangle Park, NC

**Graduate Ph.D. Oral Competition** (presented by Justin Rickard)

1st place -
Abstract #393 - Influence of feed efficiency ranking on diet digestibility

and performance of beef steers.

J. R. Russell\*1, N. O. Minton2, W. J. Sexten2, M. S. Kerley3, and S. L. Hansen1, 1Iowa State University, Ames, 2Division of Animal Sciences, University of Missouri, Columbia, 3University of Missouri, Columbia

2nd place -
Abstract #389- Effects of heat stress on adipose tissue fatty acid composition and

moisture content in pigs.

J. T. Seibert\*1, M. Abuajamieh1, M. V. Sans-Fernandez1, J.S. Johnson1, S. M. Lei1, S. K. Stoakes1, J. F. Patience1, J. W. Ross1, R. P. Rhoads2, S. M. Lonergan1, L. H. Baumgard1, and

R. C. Johnson3, 1Iowa State University, Ames, 2Virginia Tech, Blacksburg, 3Smithfield Farmland, Denison, IA

3rd place -
Abstract #386 - Evaluating strategic pellet feeding regimens on finishing pig performance, stomach morphology, and carcass characteristics.

J. A. De Jong\*1, J. M. DeRouchey1, M. D. Tokach1, R. D. Goodband1, S. S. Dritz1, and M. Allerson2, 1Kansas State University, Manhattan, 2Holden Farms Inc., Northfield, MN

**Undergraduate Poster Competition** (presented by Aimee Wertz-Lutz)

1st place -
Abstract # 441 - Evaluation of bovine plasma source and whole dried milk in nursery pig diets on growth performance.

C. D. Evans\*1, H. L. Frobose1, D. W. Dean2, M. D. Tokach1, R. D. Goodband1, S. S. Dritz1, J. C. Woodworth1, and J. M. DeRouchey1, 1Kansas State University, Manhattan, 2International Ingredient Corp, Fenton, MO

2nd place -
Abstract # 438 - Are porcine epidemic diarrhea virus (PEDv) exposed gilts and sows farrowing problems improved by vitamin E?

R. Becerra\*1, J. E. Link1, K. C. Turner2, J. T. Gebhardt1, R. L. Stuart3, and G. M. Hill1, 1Michigan State University, East Lansing, 2Michigan State University, Okemos, 3Stuart Products Inc, Bedford, TX

3rd place -

Abstract # 442 - Effect of amount and profile of AA supply on mammary AA metabolism.
B. M. Dado\*1, M. A. C. Danes1, G. A. Broderick2, and M. A.Wattiaux1, 1University of Wisconsin-Madison, 2Broderick Nutrition & Research, LLC, Madison, WI

**Graduate M.S. Poster Competition** (presented by Aimee Wertz-Lutz)

1st place –
Abstract #418 - Influence of algae meal as a replacement of corn in feedlot lamb diets on nutrient digestibility.

R. S. Stokes\*, D. D. Loy, M. L. Van Emon, and S. L. Hansen, Iowa State University, Ames

2nd place –
Abstract #413 - Seasonal and cryopreservation impacts on semen quality in boars.

M. M. Krautkramer\*1, J. J. Parrish1, T. M. Loether1, J. R. Miles2, and L. A. Rempel2, 1University of Wisconsin-Madison, 2USDA, ARS, U.S. Meat Animal Research Center, Clay Center, NE

3rd place –
Abstract #421 - Effects of amino acid supplementation of reduced crude protein (RCP) diets formulated on a NE basis on the fatty acid composition of the LM and jowl subcutaneous fat.

D. G. Cook\*, J. K. Apple, C. V. Maxwell, A. N. Young, D. L. Galloway, H. J. Kim, and T. C. Tsai, Department of Animal Science, University of Arkansas Division of Agriculture, Fayetteville

**Graduate Ph.D. Poster Competition** (presented by Aimee Wertz-Lutz)

1st place -

Abstract #424 - Effects of standardized ileal digestible lysine and added tribasic copper chloride on growth performance and carcass characteristics of finishing pigs.

K. F. Coble\*1, S. S. Dritz1, J. L. Usry2, M. D. Tokach1, J. M. DeRouchey1, R. D. Goodband1, and J. C. Woodworth1, 1Kansas State University, Manhattan, 2Micronutrients, Social Circle, GA

2nd place -
Abstract #427 - Oral administration of amino acids as energy sources for newborn piglets.

N. E. Manzke\*1,2, G. C. Hoch3, B. Gomes1, M. Kutschenko4, E. G. Xavier5, G. J. M. M. De Lima6, and E. Nogueira4, 1Universidade Federal de Pelotas, Pelotas, Brazil, 2NorthCarolina State University, Raleigh, 3Universidade Federal do Pampa, Uruguaiana, Brazil, 4Ajinomoto do Brasil/Ajinomoto Animal Nutrition, São Paulo, Brazil, 5Universidade Federal de Pelotas (UFPEL) - Brazil, Pelotas, Brazil, 6Embrapa, Concordia, Brazil

3rd place -
Abstract #445 - Effects of detoxifying agents on growth performance of nursery pigs fed deoxynivalenol-contaminated wheat.

H. L. Frobose\*1, E. W. Stephenson1, M. D. Tokach1, J. M. DeRouchey1, R. E. Musser2, S. S. Dritz1, R. D. Goodband1, J. C. Woodworth1, and J. L. Nelssen1, 1Kansas State University, Manhattan, 2NUTRIQUEST, Mason City, IA

**Young Dairy Scholars**

David Carlson, Midwest ADSA President, acknowledged 4 Young Dairy Scholars recipients who received their awards Monday evening.

**Animal Science Young Scholars**

Alan Mathew, Midwest ASAS President, acknowledged 12 Young Animal Scholars recipients who received their awards Monday evening.

**Stahly/Peo Outstanding Swine Nutrition Midwest Graduate Student Award** (presented by Don Orr, ASAS Foundation Trustee Chair) – Nestor Gutierrez, Iowa State University

**Academic Quadrathlon Recognition:** Alan Mathew recognized Tim Safranski and thanked Iowa State and the various volunteers for their contributions. Tim Safranski, Quadrathlon Committee, gave an overview of the AQ competition and thanked the many volunteers. This year, 14 teams competed at the AQ. The Overall AQ Winner was The University of Minnesota.

**Report from National ADSA President:** Al Kertz, ADSA President, reported on behalf of the National ADSA board. The Journal of Dairy Science continues to be a top-ranked journal, with 780 manuscripts published in 2014. Important symposia and programs sponsored by ADSA were highlighted, including a symposium on the scarcity of Dairy Science PhD candidates, the MILK symposium at JAM, and the upcoming revision of the Dairy NRC. Total membership of the ADSA is 4,131. Graduate programming is moving forward with a recent seminar series from ADSA retirees. Undergraduate programming is also strong with regional programs and the Dairy Challenge Program. S-PAC, an electronic database of conference proceedings continues to grow. Two highly successful Discover Conferences were held in 2014. Financially, ADSA is doing well. Last year, total net assets grew by approximately 10%.

**Report from National ASAS President:** Debra Aaron, ASAS President, provided highlights of the National ASAS board. Membership is over 6,200, the highest in history. Important programs of ASAS were highlighted, including the ASAS Resource Center, The Animal Scientist database, the ASAS Learning Center. Graduate student programming is strong with an electronic journal club to be launched in the near future. International programming with sister institutions around the world is active. Communication efforts from the ASAS include the Taking Stock newsletter, ASAS Press Room, Living History Videos, and Graduate BULLetin, along with numerous social media communications. The Journal of Animal Science continues to be a strong publication. Dr. Jim Sartin has taken over as the new editor-in-chief. Plans are in place to further decrease the time to publication for the journal. Future National ASAS meetings will be held in Orlando, FL (2015), Salt Lake City, UT (2016), Baltimore, MD (2017), and Vancouver, BC (2018). INNOVATE 2015 will be held later this spring, with a focus on Innovations in Education; Animal Science Curriculum for the 21st Century. A Fight Hunger Campaign is being launched with the JAM meeting this summer, with a goal of raising $40,000 to provide 100,000 meals for a Northern Florida food desert. Meals will be packaged this summer at JAM.

**Report from ARPAS:** Joanne Knapp reported that ARPAS is an organization that provides certification of National Animal Scientists. The Midwest chapter was founded in 2011. The organizations encourage certification and continued learning, and sponsor speakers and events at various conferences.

**Additional Business:** Alan Mathew asked for any additional business. No additional business was brought forth.

**Sea World - Drawing**

**Transfer of Gavel:**

David Carlson transferred the gavel to Tamilee Nennich, Midwest ADSA President for 2015-2016. Alan Mathew transferred the gavel to Jason Apple, Midwest ASAS President for 2015-2016.

**Recognition of Retiring ASAS Board** (Jason Apple):

Bryon Wiegand was recognized as retiring Past-President of Midwest ASAS.

Kelly Sotak was recognized as the retiring Graduate Student Director of Midwest ASAS.

**Introduction of Newly Elected ASAS Officers** (Jason Apple):

Aimee Wertz-Lutz was recognized as the incoming Vice President of Midwest ASAS.

Trey Kellner was recognized as the incoming Graduate Student Director of Midwest ASAS.

Outgoing Midwest ASAS officers were thanked for their service.

**Recognition of Retiring ADSA Board** (Tamilee Nennich)**:**

Michael Brouk was recognized as retiring Past-President of Midwest ADSA.

Dan Illg was recognized as the retiring Director of the Midwest ADSA.

**Introduction of Newly Elected ADSA Officers** (Tamilee Nennich)**:**

Phil Cardoso was recognized as the incoming Secretary of Midwest ADSA.

Jeff DeFrain was recognized as the incoming Director of the Midwest ADSA.

Outgoing Midwest ADSA officers were thanked for their service.

**Motion to Adjourn** (Tamilee Nennich)**:**

Kim Vonnahme moved and Joe Cassady seconded a motion to adjourn. Motion carried. The meeting was adjourned at 7:12 p.m.