

## ***Curriculum Vitae***

**Joseph F. Connor, D.V.M., M.S.**

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### **Professional Experience:**

- Adjust Professor – University of Illinois College of Veterinary Medicine (Present)
- Veterinarian/President – Carthage Veterinary Service, Ltd. (1980 – 2018)
- President – Professional Swine Management, LLC (2001 – 2018)
- Director of Health Service – PIC (1995 – 1996)
- Director of Health – Carthage System (2015 – 2016)

### **Education:**

Executive Veterinary Program – Certificate in Swine Health Management  
University of Illinois

Masters of Science in Veterinary Medicine  
University of Minnesota

Doctor of Veterinary Medicine  
University of Illinois

Bachelor of Science in Veterinary Medicine  
University of Illinois

### **Professional Licenses:**

- Licensed to practice veterinary medicine in Illinois, Indiana, Iowa, Missouri, and Ohio
- Licensed to prescribe controlled substances in Illinois and by the U.S. Drug Enforcement Administration

### **Professional Organization Membership and Recognitions:**

- PIC Hall of Fame (2016)
- Pork Quality Assurance (PQA) Plus Advisor
- Alex Hogg Memorial Lecture Presenter, American Association of Swine Veterinarians, (2011)
- The National Hog Farmer Master's Award (2009)
- First Honorary Member of the Japanese Association of Swine (2008)
- Dr. Erwin Small Distinguished Alumni Award (2008)
- Allen D. Leman Science in Practice Award (2004)
- Former Representative, American Association of Swine Veterinarians on AVMA Environmental Committee (2001-2003)
- Swine Practitioner of the Year (1995)
- Howard Dunne Memorial Lecture Presenter (American Association of Swine Practitioners (1992)
- Past President (1988) American Association of Swine Practitioners
- Former Board Member (1982-1986) District V American Association of Swine

### Practitioners

- Former Representative, American Veterinary Medical Association National Board Examination Committee (1983-1986)
- Past President (1984) Mississippi Valley Veterinary Medical Association
- Advisor – AgriCapital Corporation
- Past President American Association of Swine Practitioners
- Member:
  - American Veterinary Medical Association
  - Illinois Veterinary Medical Association
  - Mississippi Valley Veterinary Medical
  - American Association of Swine Veterinarians

## Publications

### Book:

- *Pig Health*, with John Carr, Shih-Ping Chen, Roy Kirkwood, and Joaquim Segales. Boca Raton: CRC Press, 2018.

### Peer Reviewed Publications:

- Joseph F. Connor, Knox, R., J. Salak-Johnson, M. Hopgood, and L. Greiner. Effect of Day of Mixing Gestating Sows on Measures of Reproductive Performance and Animal Welfare. *J Anim Sci.* 2014, 92:1698-1707.
- Joseph F. Connor; Developing a PRV Eradication Program for Your Clients. *Veterinary Medicine*, 1993.
- Joseph F. Connor; Elimination of PRV. *Food Animal Compendium*, 1992.
- Joseph F. Connor; Managing the Dry Sow Herd. *Veterinary Clinics of North America*, 1992.
- Joseph F. Connor; Swine Production Medicine. *Howard's Current Veterinary Therapy*, 1992.

### Journal Articles:

- Greiner, L., Barrett, R., Graham, A., Connor J. The evaluation of narasin in grow-finish swine diets. *International Pig Veterinary Society (IPVS) Congress*. June 2014.
- Lowe J., Gauger P., Harmon K., Zhang J., Connor J., Yeske P., et al. Role of Transportation in Spread of Porcine Epidemic Diarrhea Virus Infection, United States. *Centers for Disease Control and Prevention- Emerging Infectious Diseases*. May 2014. (20)5.
- Patterson, J., A. Cameron, T. Smith, A. Kummer, R. Schott, L. Greiner, J. Connor, and G.R. Foxcroft. Responses to exogenous gonadotrophin treatment in contemporary weaned sows. *Soc Reprod Fertil Suppl.* 66-303-304.
- Connor, Joseph F, DVM, MSc; Jennifer L. Patterson, MSc; Audrey C. Cameron; Taylor A. Smith; Aline B. Kummer; Rydell L. Schott; Laura L. Greiner, MSc, PhD; George R. Foxcroft, PhD, The effect of gonadotrophin treatment at weaning on primiparous sow performance, *Journal of Swine Health and Production*, 2010, (18)4: 196-199.
- Connor, Joseph F., Laura L. Greiner, Jennifer L. Patterson, Audrey C. Cameron, Taylor A. Smith, Aline B. Kummer, Rydell L. Schott, and George R. Foxcroft, The Effect of PG600 at Weaning on Primiparous Sow Performance, *J. An. Sci.*, 2010.
- Connor, Joseph, Laura Greiner, James Lowe, Jennifer Reiman, Cassandra Folkerts, R.

White, Bacterial Infection of the Navel Cord Blood Clot in Neonatal Piglets: Prevalence and Clinical Outcomes, *AASV*, 2010, pp. 405-406.

- Connor, Joe, Kelly Greiner, Laura Greiner, Keith Erlandson, Stephen Wu, Joe Barban, Hsien-Jue Chu, Field Efficacy Comparison of Suvaxyn® PCV2 One Dose and Two Other Commercial PCV Vaccines: Carthage Trial Update, *AASV*, 2009.
- Connor, J. F., S. L. Rodriguez-Zas, C. B. Davis, P. N. Ellinger, G. D. Schmitkey, N. M. Romine, R. V. Knox, B. R. Southey, Impact of Biological and Economic Variables on Optimal Parity for Replacement in Swine Breed-to-Wean Herds, *Journal of Animal Science*, 2006.
- Connor, Joseph F., William L. Hollis, Keith R. Erlandson, Revisiting Weaning Age Trends, Dynamics, *National Hog Farmer Blueprint*, October 15, 2005.
- Connor, J. F. and J.F. Lowe, Options for Parity Segregation, *National Hog Farmer, Blue Print Series*, 2004, 28:24-26.
- Connor, J. F., S. L. Rodriguez-Zas, B. R. Southey, R. V. Knox, J. F. Lowe, B. J. Roskamp, Bioeconomic Evaluation of Sow Longevity and Profitability, *Journal of Animal Science*, 2003.

### Abstracts:

- L. Greiner<sup>1</sup>, D. Classen<sup>2</sup>, N. Eddy<sup>2</sup>, and J. Connor<sup>2</sup>. <sup>1</sup>Carthage Innovative Swine Solutions, LLC, Carthage, IL, <sup>2</sup>Carthage Veterinary Service, Ltd., Carthage, IL. *Abstract O163. Understanding PEDv timeline of exposure based on clinical findings.* International Pig Veterinary Society (IPVS) Congress. June 2014.
- L Greiner<sup>1</sup>, J. Remus<sup>2</sup>, D. D. Hall<sup>2</sup>, R. D. Boyd<sup>3</sup>, R. J. Harrell<sup>4</sup> and J. Connor<sup>5</sup>. <sup>1</sup>Innovative Swine Solutions, LLC, Carthage, <sup>2</sup>Dupont, St. Louis, MO, <sup>3</sup>The Hanor Company, Inc., Franklin, KY <sup>4</sup>Professional Swine Management, <sup>5</sup>Carthage Veterinary Service, Ltd., Carthage, IL. *Abstract 146 The impact of natural betaine to lactating sows during periods of heat stress.* 2014 Midwest ASAS meeting.
- L Greiner<sup>1</sup>, Z. Jiang<sup>2</sup>, C. Neill<sup>3</sup>, J. Connor<sup>1</sup>, and G. Allee<sup>4</sup>. <sup>1</sup>Innovative Swine Solutions, LLC, Carthage, <sup>2</sup>Ajinomoto Heartland, Chicago, <sup>3</sup>PIC, Hendersonville, <sup>4</sup>Porktech, LLC, Columbia. *Abstract O049 Evaluation of tryptophan to lysine ratio in sow lactation diets.* 2013 Midwest ASAS meeting.
- L Greiner<sup>1</sup>, Z. Jiang<sup>2</sup>, C. Neill<sup>3</sup>, J. Connor<sup>1</sup>, and G. Allee<sup>4</sup>. <sup>1</sup>Innovative Swine Solutions, LLC, Carthage, <sup>2</sup>Ajinomoto Heartland, Chicago, <sup>3</sup>PIC, Hendersonville, <sup>4</sup>Porktech, LLC, Columbia. *Abstract O077 Evaluation of various inclusion rates of dried distillers grain with solubles in sow lactation diets.* 2013 Midwest ASAS meeting.
- N.W. Shelton<sup>1</sup>, J.L. Nelssen<sup>1</sup>, M. D. Tokach<sup>1</sup>, S. S. Dritz<sup>1</sup>, R. D. Goodband<sup>1</sup>, J. M. DeRouchey<sup>1</sup>, L. L. Greiner<sup>2</sup>, J. Connor<sup>2</sup>, and J. C. Woodworth<sup>3</sup>. <sup>1</sup>Kansas State University, Manhattan, KS, <sup>2</sup>Innovative Swine Solutions, LLC, Carthage, IL, <sup>3</sup> Lonza, Allendale, NJ. *Abstract P090 Effects of dietary L-carnitine and chromium picolinate on sow reproductive performance.* 2013 Midwest ASAS meeting.
- Hopgood, M., L. Greiner, J. Connor, J. Salak-Johnson, R. Knox, *Abstract #656 Effect of Day of Mixing Gestating Sows on Measures of Reproduction and Animal Well-being*, National American Society of Animal Science Meetings, 2011.
- Connor J, L.L. Greiner, J. Usry, C. Neill, N. Williams, J. Soto, and G. Allee. 2011. *The evaluation of lysine requirements in third parity lactation sow diets.* Poster session presented at: 2011 Midwest American Society of Animal Science Annual Meeting; 2011

Mar 14-16; Des Moines, IA.

- Connor J, L.L. Greiner, J. Usry, C. Neill, N. Williams, J. Soto, and G. Allee *The use of crystalline amino acids in lactating sow diets*. Poster session presented at: 2011 Midwest American Society of Animal Science Annual Meeting; 2011 Mar 14-16; Des Moines, IA.
- Connor J., L.L. Greiner, J. Matthews, C. Neill, N. Williams, G. Allee, J. Connor, S. Jungst, and A. Sosnicki. *Determination of the SID lysine requirement of the 7 to 12 kilogram pig under commercial conditions*. 2011 Midwest American Society of Animal Science Annual Meeting; 2011 Mar 14-16; Des Moines, IA.
- Greiner, L.L., J.A. Soto, J.F. Connor, G.L. Allee, *Effect of increasing feeding levels in sows during late gestation on piglets birth weights*, Midwest American Society of Animal Science Annual Meeting, 2011, p. 86.
- Connor J, Crenshaw J, Campbell J, Russell L, Greiner L, Soto J, APC Inc, Innovative Swine Solutions, LLC *Effect of Spray-dried Plasma Fed During Gestation on Pig Performance at Weaning*, Allen D. Leman Swine Conference, 2010.
- Connor, J., L. Greiner, J. Soto, G.L. Allee, J.L. Usry, and Noel Williams *The Evaluation of Feeding Lactating Sows on Grams of Lysine Compared to Percent of Lysine in the Diet*, ASAS, 2009.
- Connor, J., J. Patterson, G. Foxcroft, A. Cameron, T. Smith, A. Kummer, R. Schott, L. L. Greiner, and C. Francisco *The Effect of PG600 at Weaning on Sow Performance*, International Conference On Pig Reproduction (ICPR), 2009.
- Connor, J., K. Greiner, L. Greiner, K. Erlandson, S. Wu, and J. Barban *Suvaxyn PCV2 One Dose Field Efficacy Comparison Carthage Studies 1 and 5*, Leman, 2009.
- Connor, J., L., Greiner, K. Greiner, and J. Soto *Evaluation of Standard Deviation Associated with Piglet Weaning Weights Between 18 and 21 Days of Age*, AASV, 2009.
- Connor, J., L. Greiner, J. Soto, G. L. Allee *Inclusion of Fat in Sow Lactation Diets Containing Dry Distillers Grain with Solubles*, ASAS, 2009.
- Connor, J., L. Greiner, J. Soto, G. L. Allee, J. L. Usry, and Noel Williams *The Evaluation of Feeding Lactating Sows on Grams of Lysine Compared to Percent of Lysine in the Diet*, ASAS Midwest Baker Symposium 2009.
- Connor, J., L. Greiner, X. Wang, and G. L. Allee *The Feeding of Dry Distillers Grain with Solubles to Lactating Sows*, AASV 2009, ASAS 2008, J. Anim. Sci. Vol. 86, E-Suppl. 3, 97.

### **Competitive Grants:**

- Gonyou, H, J. Connor, J. Lowe, L. Greiner, F. Lang, and J. Brown; *Effects of different parity groupings on feeding behavior, welfare and productivity of sows in ESF housing*. National Pork Board, 2011.
- Knox, R, J. Salak-Johnson, L. Greiner, and J. Connor; *Effect of day of mixing gestating sows on measures of reproduction and animal well-being*. NPB Project #C2-09-30, September 2009.
- Lowe, J, J. Connor, and L. Greiner; *The influence of maternal PCV2 immune response on piglet infection rates at weaning and the effect of PCV2 infection at weaning on lifetime performance and vaccine efficacy*. NPB Project #09-188, September 2009.

**Unpublished Articles:****Poster Sessions**

- Connor J, Ochoa L, Greiner L, Pacion T. Effects of PCV2-viremia level of piglets at birth on the efficacy of PCV2 vaccine against exposure to PCV2-b determined by viremia levels and growth rate of pigs. 2019 AASV Annual Meeting, San Diego, CA.
- Connor J, Ochoa L, Greiner L, Waddell J, Fano E. Short summary on the low prevalence of PCV2 on pigs at birth. 2018 AASV Annual Meeting, San Diego, CA.
- Connor J, Greiner L, Knopf B, Graham A, Ochoa L, Harrell R.J. Evaluation of nutrient availability when using feed disinfection in nursery diets. 2017 AASV Annual Meeting, Denver, CO.
- Connor J, Shen J, Greiner L, Knox R. Effect of timing of gilt relocation from group pens to individual stalls on measures of fertility and well-being. 2015 AASV Annual Meeting, Lake Buena Vista, FL.
- Connor J, Greiner L, Graham A, Mellor J, Lowe J. Evaluation of a PED Vaccine on Piglet Mortality and Sow Immunity. 2015 AASV Annual Meeting, Lake Buena Vista, FL.
- Connor J. Contemporary Review of *M. hyopneumoniae* Control Strategies Control Measures Vaccination; 2015.
- Connor J, O'Connor C, Classen D, Greiner L. The evaluation of PRRSv transfer via tattooing in the suckling piglet. 2014 AASV Annual Meeting, Dallas, TX.
- Connor J.F., Greiner L.L., Soto J.A., Allee G.L. Effect of increasing feeding levels in sows during late gestation on piglets birth weights. Poster session presented at: 2011 Midwest American Society of Animal Science Annual Meeting; 2011 Mar 14-16; Des Moines, IA.

**Proceedings:**

- Connor, JF; *50+ Years of U.S. Swine Disease Eradication*; AASV; 2019
- Connor, JF; *Health Information Management System to Analyze Diagnostic Data for Rapid, Precise Decision Making*; AASV; 2015
- Connor, JF; *Swine Enteric Coronavirus in the United States*; JASV; 2014
- Connor, JF; *Swine Health As A Driver for Productivity: Can All Pig Diseases Be Eradicated?*; IPVS- Bayer satellite symposium; 2014
- Connor, JF; *Charge to AASV*; 2014
- Connor, JF; *Update from the AASV Influenza Committee*; 2014
- Connor, JF; Classen, Dyneah; Lower, Aaron; *Coordinated Herd Closures for PRRSv Control and Elimination*; 2013
- Connor, JF; Classen, Dyneah; Lower, Aaron; *Management and Challenges of Dealing with Swine Influenza*; 2013
- Connor, JF; L Greiner, JF Lowe; *Comparison of Mycoplasma Hyopneumoniae Vaccination*; American Association of Swine Veterinarians; 2011
- Connor, Joseph F; *Science-based Medicine: What are the Application Barriers?*; American Association of Swine Veterinarians (Alex Hogg Memorial Lecture); 2011

**Educational Presentations and Programs:**

- Presenter to 2019 MSD Animal Health ReproCare Summit "Reproductive Challenges and Opportunities"

- Presenter to the 2019 Allen D. Leman Conference "Is it time to eliminate PEDv, PDCoV, TGE, and Mycoplasma from NA Swine – opportunities and challenges"
- Presenter to the 2019 CVS Swine Conference "African Swine Fever Impact on the Markets"
- Presenter to the 2019 AASV "50+ Years of U.S. Swine Disease Eradication"
- Presenter to 2019 NPIC Conference "Trends in Health and Veterinary Practices"
- Presenter to 24<sup>th</sup> Annual AMVECAJ Mexico 2018 "Trends in the control of the porcine respiratory complex"
- Presenter to Zoetis APAC Japan 2018 Swine and Poultry Symposium "PRRS and Mycoplasma hyopneumoniae elimination in US"
- Presenter to Zoetis APAC Japan 2018 Swine and Poultry Symposium "US Experience with Fostera PRRS"
- Presenter to Zoetis APAC Japan 2018 Swine and Poultry Symposium "Farm Management Updates: New and Upcoming Technologies to Improve Farm Performance"
- Presenter to Zoetis APAC Japan 2018 Swine and Poultry Symposium "US Update of PRRS Control through Vaccination in Piglets"
- Presenter to 2018 Carthage Annual Swine Health & Production Conference, "Gene Editing – Production Model Debate"
- Presenter to National Pork Producers' Council 2018 "A Veterinarian Perspective on African Swine Fever"
- Presenter to Zoetis Animal Health China 2017 "M. Hyo Eradication"
- Presenter to Zoetis Animal Health China 2017 "PRRSv Control Update and Its Application to China"
- Presenter to PIC Global Production Development and Technical Services Meeting – Delivering Customer Success 2017 "What Does it Mean to Deliver Customer Success? A Global Customer's View"
- Presenter to Zoetis Animal Health Japan 2017 "PRRS Training"
- Presenter to Zoetis Animal Health Japan 2017 "US Swine Industry Update, New Technology Development"
- Presenter to Zoetis Animal Health Japan 2017 "IPC and PRDC Strategies"
- Presenter to the 2017 Carthage Annual Swine Health & Production Conference "Economics of Disease Elimination, Vaccination, and Filtration to Reduce Antibiotic Usage"
- Presenter to the China 2017 1<sup>st</sup> CM Swine Summit "How Practical Research Contribute to Production Improvement – Carthage R & I Center"
- Presenter to the China 2017 1<sup>st</sup> CM Swine Summit "Dynamic Biosecurity – System Upgrading after PEDv in US"
- Presenter to the China 2017 1<sup>st</sup> CM Swine Summit "Winning from the Start – Farm Startup"
- Presenter to Madrid Vall Company Spain 2017 "Comprehensive Approach to the Pathology"
- Presenter to JBS United Swine Workshop 2016 "What Does Good Look Like? (When Working with Allied Industry)"
- Presenter to JBS United Swine Workshop 2016 "Swine Health Update"
- Presenter to 2016 Zoetis Japan "Dr. Connor's Roadshow" with topics including IPC, PRDC, Mhp, and PED update.
- Presenter to Japan Zoetis Animal Health 2016 "IPC with Walking the Pen"

- Presenter to 2016 Japan Summit Veterinary and Value Farm "Swine Health Management" and "US Pork Production Activities"
- Presenter to 2016 Japan Zoetis Conference "How to Control - PRDC Experience in PRDC Control Using Ingelvac 3 FLEX"
- Presenter to 2016 Shantou, Guangdong Province China Dexing Nordic Smart "Farm Management Training Service Project Proposal."
- Presenter to 2016 Pulawy Poland XXI Annual Swine Conference "Health and Genetics are the Key Drivers of Competitive Pig Production."
- Presenter to 2016 Pulawy Poland Student Seminar National Veterinary Research Institute "Veterinary Medicine and Herd Health."
- Presenter to 2016 IPVS Dublin, Ireland "PRRS – Filling the Knowledge Gap"
- Presenter to 2016 Panama City Neogen Conference "Swine Disease Outbreak Lessons Learned – PEDv and PRRS"
- Presenter to the Boehringer Ingelheim 2016 Zhengzhou Seminar "PCV2/PRRS and Mycoplasma Vaccine using experience in US"
- Presenter to Japan Boehringer Ingelheim 2016 "PRRS Modified Live Vaccination of Breed to Wean Herds"
- Presenter to 2016 NPIC Conference "Raised without Antibiotics and Animal Welfare."
- Presenter to the Second Neogen Latin American Scientific Summit 2016 "Swine Disease Outbreak Lessons Learned: PEDv & PRRS"
- Presenter to 2016 APC Mtg "Advantage of Porcine Sprayed Dried Plasma."
- Presenter to the Boehringer Ingelheim 2016 Zhejiang Seminar "Update PRRS Control and Elimination"
- Presenter to 2015 Zoetis China "Managing Swine Farm Business Under Challenging Business Environment."
- Presenter to 2015 Zoetis China "PED Current Situation and Control – US Experience."
- Presenter to the 2015 25<sup>th</sup> Annual Carthage Swine Health and Production Conference "Positive Pressure Filtration for PRRS – Is This the Breakthrough We Need?"
- Presenter to the 2015 25<sup>th</sup> Annual Carthage Swine Health and Production Conference "What's to Come in the Next 25 years for Disease Management"
- Presenter to the 2015 25<sup>th</sup> Annual Carthage Swine Health and Production Conference "PEDv – Lessons Learned – Can we Eliminate it from the Country in 2016?"
- Presenter to the 2015 Japan Zoetis Animal Health "Draxxin Effect on Anti-inflammatory, HPS, MPS, PRRS Elimination Program"
- Presenter to the 2015 Japan Zoetis Animal Health "Individual Pig Care".
- Presenter to the 2015 Japan Zoetis Animal Health "U.S. Disease Update PED & PRRS"
- Presenter to the 2015 Japan Zoetis Animal Health "US Pork Industry Update"
- Presenter to the 2015 Japan Azabu Vet University "Post Cervical Artificial Insemination"
- Presenter to the 2015 Japan Azabu Vet University "University and Swine Industry; What are the Value and the Keys to Success?"
- Presenter to the 2015 International Symposium on Emerging and Re-emerging Pig Diseases "Pathogen Elimination Including PEDv"
- Presenter to the 2015 China Animal Husbandry Expo "Overview of Swine Diseases Prevention in the USA-PEDv and Other Experiences"
- Presenter to the 2015 PIC Poland "Porcine Endemic Virus and the US Experience"

- Presenter to the 2015 4<sup>th</sup> Annual Global Pig Forum and the 13<sup>th</sup> Annual China Swine Industry Development Conference "The Overview of Swine Diseases Prevention in the USA – PEDv and Other Experiences"
- Presenter to the 2015 BI Pre-Conference-AASV "Emerging Disease Model"
- Presenter to the 2015 AASV, "Health Information Management Systems to Analyze Diagnostic data for Rapid Precise Decision Making"
- Presenter to the 2015 BI: Experience "Controlling PRDC in Pigs using FLEX Combo and PRRS MLV (or FLEX3)"
- Presenter to the 2015 BI Herd Management "Drivers for Wean Pig Optimization"
- Presenter to the 2014 China New Hope Conference "Porcine Epidemic Diarrhea (PED) Review and Update in Control – American Experience"
- Presenter to the 2014 China New Hope Conference "Porcine Epidemic Diarrhea (PED) Review and Update in Control"
- Presenter to the 2014 China Leman Conference Breakout Session "Production and Disease Research Updates"
- Presenter to the 2014 China Leman Conference "Capacity Planning to Achieve Production Goals"
- Presenter to the 2014 China Elanco Conference "Strategies to Optimize Full value Pigs"
- Presenter to the 2014 JASV "Swine Enteric Coronaviruses: PEDv and PDCoV"
- Presenter to the 2014 VFC and Summit Seminar "PEDv Update"
- Presenter to the 2014 VFC and Summit Seminar "US Pork industry"
- Presenter to the 2014 Japan IPC Training "Walking the Pens"
- Presenter to the 2014 Japan IPC Training "IPC Introduction"
- Presenter to the 2014 Zoetis Japan Conference "RSO Early Vaccination and Foster PCV"
- Presenter to the 2014 Zoetis Japan Web Seminar "PEDv Update"
- Presenter to the 2014 Allen D. Leman Conference "PEDv Live Virus Exposure, Monitoring, Vaccine, and Interesting Cases"
- Presenter to the 2014 University of Illinois Urbana-Champaign Fall Conference "What Lessons Can We Learn from PEDv for ONE HEALTH and Brand Protection"
- Presenter to the 2014 University of Illinois Urbana-Champaign Fall Conference "Progression of PEDv and Current Status"
- Presenter to the 2014 24<sup>th</sup> Annual Swine Health and Production Conference "PEDV Herd Stabilization and Elimination Procedures"
- Presenter to the 2014 Brazil Agroceres PIC Symposium "Emerging Diseases and Their Impact in the Pig Industry"
- Presenter to the 2014 Mexico VIMIFOS Conference "Porcine Epidemic Diarrhea (PED)"
- Presenter to the 2014 PIC Annual Meeting "PEDv: Lessons Learned in the Last 12 Months"
- Presenter to the 2014 Bayer Satellite Symposium "Swine Health As A Diver for Productivity: Can All Pig Diseases Be Eradicated?"
- Presenter to the 2014 American Association of Swine Veterinarians "Charge to AASV"
- Presenter to the 2014 American Association of Swine Veterinarians "Update from the AASV Influenza Committee"
- Presenter to the Value Farm Consulting Company "Porcine Epidemic Diarrhea"
- Presenter to the Value Farm Consulting Company "Benchmarking in the United States"
- Presenter to the Value Farm Consulting Company "How to get the Best Feed Conversion Rate"



- Presenter to the 2014 Japanese Association of Swine Veterinarians "United States Swine Diseases: PEDv, PRRS, and SIV"
- Presenter to the 2014 Japanese Association of Swine Veterinarians "Benchmarking in the United States"
- Presenter to the 2014 Japanese Association of Swine Veterinarians "Animal Welfare and Productivity Issues"
- Presenter to Zoetis Animal Health "Viremia and its impact on PCVAD and PRDC"
- Presenter to Zoetis Animal Health "Early Vaccination of Mycoplasma Vaccines and Fosterera PCV"
- Presenter to Zoetis Animal Health "Mycoplasma Hyopneumoniae"
- Presenter to the 2014 BI Symposium NA-PRRS "Historical Perspective of Area Regional Control – What Lessons of PRV Apply to PRRSv Control and Elimination?"
- Presenter to the 2014 Missouri Swine Institute "PEDv: What We Have Learned and What Lies Ahead"