

Curriculum Vitae

Aaron J. Lower, D.V.M.
PO Box 220, Carthage, IL
Phone: (217) 357-2811
Email: alower@hogvet.com

Professional Experience:

- President – Carthage Veterinary Service, Ltd. (2018 – present)
- Veterinarian and Partner – Carthage Veterinary Service, Ltd. (2009 - present)
- Veterinary Internships – Boehringer Ingelheim Vetmedica (BIVI); Swine Group, The Maschhoffs, Bethany Swine Health Services, Sutton Veterinary Clinic

Education:

- Doctor of Veterinary Medicine – 2009
University of Illinois – College of Veterinary Medicine
- Bachelor of Science in Animal Sciences - 2005
University of Illinois – College of Agricultural, Consumer, and Environmental Sciences

Professional Licenses:

- Licensed to practice veterinary medicine in Illinois, Indiana, Iowa, and Missouri

Certifications:

- Pork Quality Assurance® Plus Advisor
- Transport Quality Assurance® Advisor
- Graduate of National Pork Producers Council (NPPC) 2012 Swine Veterinarian Public Policy Advocacy Program

Professional Organization Membership and Recognitions:

- National Pork Board – Depopulation Working Group 2020
- Outstanding Young Alumni Award – University of Illinois, College of Veterinary Medicine (2018)
- American Association of Swine Veterinarians – Young Swine Veterinarian of the Year 2014
- American Association of Swine Veterinarians
- American Veterinary Medical Association
- Illinois State Veterinary Medical Association
- 21st Century Emerging Leaders Pork Club (2012 – present)
- National Pork Board – Sentinel Veterinary Clinic Practitioner (2010 – present)
- American Association of Swine Veterinarians – Student Recruitment Committee (2011 – 2013)
- American Association of Swine Veterinarians Annual Meeting – Best Overall Student Research Presentation award (2007)
- Board of Directors Student Delegate – American Association of Swine Veterinarians (2007)

Proceedings:

- Lower, A; Finding the right culture and fit, AASV Annual Meeting; 2020
- Lower, A; Influenza management considerations in a breed-to-wean herd, AASV Annual Meeting; 2020
- Lower, A; Pig movements shutdowns, euthanasia, and disposal plans, AASV Annual Meeting; 2020
- Lower, A, et al; Electrical Impedance Spectroscopy (EIS) to Predict Reproductive Events in Female Swine, 29th Annual CVS Swine Conference; 2019
- Lower, A; Emerging and New Finishing Diseases, 28th Annual CVS Swine Conference; 2018
- Lower, A; Porcine parainfluenza virus – Practitioner perspective, AASV Annual Meeting; 2018
- Lower, A; *Positive Pressure Ventilation in Combination with Filtration*, AASV Annual Meeting; 2017
- Lehman, James; Lower, Aaron; Thacker, Brad; *Mycoplasma hyopneumoniae serology: Understanding the dynamics of sow herd stability*. AASV Annual Meeting; 2014
- Lower, A; *Antibiotics and their role in Brachyspira elimination programs*, Leman Conference Annual Meeting; 2013

- Connor, J; Classen, D; Lower, A; *Management and challenges of dealing with swine influenza*, AASV Annual Meeting; 2013.
- Lower, A; *Successful strategies for pushing SIV out of sow farms*, AASV Annual Meeting; 2012.
- Lower, A; *Nursery Mortality Associated with a Virulent Streptococcus Suis Infection*; AASV Preconference Seminar; 2011.
- McKinney, J; A. Lower, S. Probst Miller, S. Clark; *Evaluation of a Novel Electrocutation Device in Swine from Birth to 15 Pounds*, AASV Annual Meeting; 2011.
- Lower, A, J. Lowe; *A Regional Outbreak of Tuberculosis in Swine at Harvest*, Proceedings Iowa State University Swine Disease Conference; 2010.
- Lower, A, C. Johnson, J. Waddell, L. Karriker, K. Schwartz, L. Firkins; *Improving the quality of mortality data through necropsy*, Proceedings AASV Annual Meeting; 2007.

Poster Sessions:

- Lower, A, J. Lowe, D. Polson; *Applying the six sigma-DMAIC methodology to capture pig performance improvements*; AASV Annual Meeting; 2008.

Competitive Grants:

- Probst Miller, S, A. Lower, J. McKinney, S. Clark; *Determine and Validate the Optimal Requirements and Duration of Time to Achieve Unconsciousness and Euthanasia in Pigs from Birth to 15 Pounds with a Novel Electrocutation Device*; NPB #:C1-10-077.

Educational Presentations and Programs:

- 2018 Illinois Pork Industry Tour "Health Impacts on Production in the US and Around the World – Champaign, IL
- 2017 27th Annual Carthage Swine Health and Production Conference "Farrowing – Pitfalls of Extended Care Hours – Macomb, IL
- 2016 Missouri Symposium "How Things get Better When Healthy Herds Get Healthier" – Columbia, MO
- 2015 25th Annual Carthage Swine Health and Production Conference "Illinois Swine Health Network – Mapping Disease Control" – Macomb, IL
- 2015 World Pork Expo – BI/VI Press Conference "Staying Proactive in a Down Market" – Des Moines, IA
- 2015 Illinois Pork Expo "Low-Grade Coughs, Fevers, & Down Days for Show Pigs – Causes, Prevention, & Treatments" – Peoria, IL
- 2014 24th Annual Carthage Swine Health and Production Conference "Eliminating Endemic Influenza" – Macomb, IL
- 2014 National Pork Board – Pork Management Conference "PEDv" – Tampa, FL
- 2014 BIVI Seminar at IPVS "Using Diagnostics in the Formulation of Prevention Decisions" – Cancun, Mexico
- 2014 Boehringer Ingelheim "Managing PCV2 and Mycoplasma – The US Experience" – China
- 2014 American Association of Swine Veterinarians "Communicating to Incite Action" – Dallas, TX
- 2014 Illinois Soybean Association Board "PEDv" – Bloomington, IL
- 2014 Multi-County Pork Producers "PEDv" – Bloomington, IL
- 2014 Carthage System Annual Meeting "Filtration and PRRS" – Bettendorf, IA
- 2013 Allen D. Leman Conference "Antibiotics and their role in Brachyspira Elimination Programs" – Minneapolis, MN
- 2013 23rd Annual Carthage Swine Health and Production Conference "PRRSv Research and Management Update" and "Marketing - \$ Missed Opportunity" – Macomb, IL
- 2013 Illinois Pork Expo "PRRS Filtration and Other Novel Approaches" – Peoria, IL
- 2013 Zoetis Japan "PCV2 and Mycoplasma Control – The Gold Standard" – Japan
- 2013 Purina Professional Swine Producer Symposium "Disease Roundtable Discussion" – Indianapolis, IN
- 2013 Carthage System Annual Meeting "PRRS Filtration Update" – Bettendorf, IA
- 2013 OSHAB Big Bug Day "PED and PRRS ARC&E USA Lessons Learned" – Woodstock, ON, CAN
- 2012 American Association of Swine Veterinarians Annual Meeting "Successful Strategies for Pushing SIV Out of Sow Farms" – Denver, CO

- 2012 Purina Professional Swine Producer Symposium "PRRS Aerosol Transmission and Filtration" – Indianapolis, IN
- 2012 22nd Annual Carthage Swine Health and Production Conference "Making the PRRS Filtration Decision" – Macomb, IL
- 2011 Fall Meeting Innovative Veterinary Services "How to Control Diarrhea – U.S. Experience" – Lethbridge, AB CAN
- 2011 American Association of Swine Veterinarians Annual Meeting "Nursery Mortality Associated with a Virulent *Streptococcus Suis* Infection" – Phoenix, AZ
- 2011 American Association of Swine Veterinarians Annual Meeting "Practice Tips – Health Information and Management System (HIMS)" – Phoenix, AZ
- 2011 21st Annual Carthage Swine Health and Production Conference "Farrowing House Euthanasia" – Macomb, IL
- 2010 20th Annual Carthage Swine Health and Production Conference "Optimizing Slaughter Weight" – Macomb, IL
- 2010 Iowa State Swine Disease Conference "A Regional Outbreak of Tuberculosis in Swine at Harvest" – Ames, IA
- 2007 AASV Annual Meeting Student Research Session "Improving the Quality of Mortality Data Through Necropsy" – Orlando, FL