

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

P O Box 220
Carthage, Illinois 62321-0220
Phone 217-357-2811 Fax 217-357-6665
E-mail: connor@hogvet.com

Education

Master of Science in Veterinary Medicine, University of Minnesota (2006)
Doctor of Veterinary Medicine, University of Illinois (1976)
Bachelor of Science in Veterinary Medicine, University of Illinois (1974)

Present Position

President, Carthage Veterinary Service, Ltd.
President, Professional Swine Management, LLC

Offices Held

President, American Association of Swine Practitioners (1988)
President, Mississippi Valley Veterinary Medical Association (1984)
Board Member, District V American Association of Swine Practitioners (1982-1986)
Representative, American Veterinary Medical Association National Board Examination Committee (1983-1986)
Representative, American Association of Swine Veterinarians on AVMA Environmental Committee (2001-2003)

Key Recognitions

The National Hog Farmer Master's Award (2009)
First Honorary Member of the Japanese Association of Swine Veterinarians (2008)
Dr. Erwin Small Distinguished Alumni Award (2008)
Allen D. Leman Science in Practice Award (2004)
Swine Practitioner of the Year (1995)
Howard Dunne Memorial Lecture Presenter (American Association of Swine Practitioners, 1992)

Memberships

American Association of Swine Practitioners
American Veterinary Medical Association
Illinois Veterinary Medical Association
Mississippi Valley Veterinary Medical
AgriCapital (agriculture business evaluation)

Peer Reviewed Articles

“Developing a PRV Eradication Program for Your Clients.” (1993). *Veterinary Medicine*.
“Elimination of PRV.” (1992). *Food Animal Compendium*

Book Articles

- “Managing the Dry Sow Herd.” (1992). *Veterinary Clinics of North America*
“Swine Production Medicine.” (1992). *Howard’s Current Veterinary Therapy*

Published Articles

- 2009 The Masters, (2009) *National Hog Farmer*
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" (2009) *AASV*
Connor, J. F., S. L. Rodriguez-Zas, C. B. Davis, P. N. Ellinger, G. D. Schnitkey, 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" (2006) *Journal of Animal Science*
Revisiting Weaning Age Trend Dynamics (2005) *National Hog Farmer Blueprint*
Options for Parity Segregation (2004) *National Hog Farmer*
Components of Parity Segregation (2004) *National Hog Farmer*
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" (2003) *Journal of Animal Science*
Indirect long-term selection response of sow longevity (2002) *Proceedings*
Study of factors influencing sow longevity in swine breeding herds (2002) *Journal of Animal Sciences*
Biosecurity becomes necessity for 21st Century pig production (2002) *Swine Health Report and Epidemiology*
Columnist for *Hogs Today* 1997-1999
Enteric Diseases - Cost Angle Complicated (1999, June) *Pig Progress*
Eradication of Swine Dysentery. (1988) *Hog Farm Management*
Health Considerations for Gilt-Pool Management (1998) *National Hog Farmer*
Segregated Production Systems. (1995, December) *Pigletter*
Modified Medicated Early Weaning. (1994) *AASP*
Round Table Discussion: *Haemophilus parasuis*, Parts 1, 2 & 3 (1993). *Agri-Practice*
When Does MMEW Pay? (1993, May) *National Hog Farmer*
Transmissible Gastroenteritis (TGE). (1992, October) *Feed Facts*
Therapy with Limited Antibiotic Choices. (1991, November) *AASP Newsletter*

Abstracts

J. Connor, L. Greiner, J. Soto, G.L. Allee, J.L. Usry, and Noel Williams. 2009. "The Evaluation of Feeding Lactating Sows on Grams of Lysine Compared to Percent of Lysine in the Diet", ASAS.

Connor, J., J. Patterson, G. Foxcroft, A. Cameron, T. Smith, A. Kummer, R. Schott, L. L. Greiner, and C. Francisco. 2009. "The Effect of PG600 at Weaning on Sow Performance", International Conference On Pig Reproduction (ICPR).

Connor, J., K. Greiner, L. Greiner, K. Erlandson, S. Wu, and J. Barban. 2009. "Suvaxyn PCV2 One Dose Field Efficacy comparison Carthage Studies 1 and 5", Leman 2008.

Connor, J., L. Greiner, K. Greiner, and J. Soto. 2009. "Evaluation of Standard Deviation Associated with Piglet Weaning Weights Between 18 and 21 Days of Age", AASV.

Connor, J., L. Greiner, J. Soto, G. L. Allee. 2009. "Inclusion of Fat in Sow Lactation Diets Containing Dry Distillers Grain with Solubles", ASAS.

Connor, J., L. Greiner, J. Soto, G. L. Allee, J. L. Usry, and Noel Williams. 2009. "The Evaluation of Feeding Lactating Sows on Grams of Lysine Compared to Percent of Lysine in the Diet", AASV.

Connor, J., L. Greiner, X. Wang, and G. L. Allee. 2008 and 2009. "The Feeding of Dry Distillers Grain with Solubles to Lactating Sows", AASV 2009, ASAS 2008, J. Anim. Sci. Vol. 86, E-Suppl. 3, 97.

Unpublished Articles

Poster Sessions

J. Connor, J. Patterson, A. Cameron, T. Smith, A. Kummer, R. Schott, L. Greiner, G. Foxcroft. Responses to Exogenous Gonadotrohin Treatment in Contemporary Weaned Sows. Poster session presented at: International Conference On Pig Production (ICPR).

J. Patterson, A. Cameron, T. Smith, A. Kummer, R. Schott, L. Greiner, J. Connor, G. Foxcroft. The Effect of PG600 at Weaning on Weaned Primiparous Sow Performance. Poster session presented at: Banff Pork Seminar; 2009; University of Alberta, Canada.

Schilling, Emilie, Laura Greiner, James F. Lowe, Joseph F. Connor. Efficacy of Intensive Neonatal Piglet Care on Umbilical Hernias and Joint Infections; 2009 Mar 11; Dallas, TX.

Connor J., Greiner K., Greiner L., Erlandson K., Wu S., Barban J. (Carthage Veterinary Service, Ltd., Carthage, IL, Iowa Select, Iowa Falls, IA, and Fort Dodge Animal Health, Fort Dodge, IA). Suvaxyn[®] PCV2 One Dose Field Efficacy Comparison Carthage Study I. Poster session presented at: Allen D. Leman Conference; 2008 Sep 20-23; Saint Paul, MN.

Research Trial Participation

The Feeding of Dry Distillers Grain with Solubles to Lactating Sows

Evaluation of Standard Deviation Associated with Piglet Weaning Weights Between 18 and 21 Days of Age

The Evaluation of Feeding Lactating Sows on Grams of Lysine Compared to Percent of Lysine in the Diet

Evaluation of Fat Inclusion in Sow Lactation Diets Containing Dry Distillers Grain with

Solubles

The Effect of PG600 at Weaning on Sow Performance
Suvaxyn® PCV2 One Dose Field Efficacy Comparison
The Use of Crystalline Amino Acids in Lactating Primiparous Sow Diets
Lysine Requirement of Lactating Primiparous Sows
BASF Beta Carotene Trial
BMD Efficacy for Clostridium Perfringens Type C
Elimination of Pasteurella D, Bordetella, APP, and Mycoplasma in Early Weaned Pigs
Elisa Assay for Detection of Antibodies against Scarcoptes Scabiei var. suis
Evaluation of the Efficacy of Lincomix Soluble Powder, Lincomix Injectable and RespiSure In the Clinical and Serological Elimination of Mycoplasma hyopneumoniae
Feeding Lactating Sows for Maximum Performance, Minimum Labor
Feeder Design on Variability of Performance
Feeder Design for Lactating Sows
Field Dose Confirmation of Ceftiofur Crystalline Free Acid
Haemophilus pleuropneumoniae Safety Studies
Inclusion of BMD or BMD plus 3-Nitro in Swine Diets during Ileitis Vaccination
Lincomycin Use for Elimination of Swine Dysentery
Naxcel for Control of Colibacillosis
Safety of PRV Marker Gold
Salmonella Choleraesuis Vaccine Safety Studies
Serology Response to PRV Marker
Stafac for Control of Ileitis
Tiamulin Use for Elimination of Swine Dysentery
Use of Regumate to Control Cycling in Gilts

International Presentations

Asian Pig Veterinary Society – Proceedings of the 4th Congress
 “Biosecurity and Disease Control” (Japan 2009)
Boehringer Ingelheim International Seminar (1997)
 “PRRS Minimization Strategies”
Boehringer Ingelheim Roundtable - Canada
 “PCV-2 associated diseases and their impact on pig production” (2006)
Brazilian Pork Producers
 “Multiple Site Production” (1997)
 “Criteria for the Excellent Farm” (1992)
Brock Associates Pork Producer Seminar (Canada, 1994)
 “Three-Site Production.”
Canadian Pork Conference
 “Wean-to-Finish Buildings” (2002)
 “The Economic Effect of Segregated Production on Reproductive Parameters”
 (1994)

Eighth Congress of Brazil Veterinarians and Swine Specialists (1997)

“*Technical Management and Economics of Multi-Site Production*”
 Eighth Summit VFC Joint Seminar (2008)
 “*Biosecurity: Past, Present and Future*”
 European Veterinary Club (1998)
 “*Improving Productivity in Problem Sow Herds*”
 First International Symposium of the Eradication of Pseudorabies (Aujeszky’s) Virus
 (1991)
 “*Aujeszky’s Disease Elimination Programs*”
 Fort Dodge Animal Health Asia Pacific Wine Technical Conference (2009)
 “*Field Experience with PCV2 Vaccine*”
 Fort Dodge Animal Health International Swine Production Update (2008)
 “*Field Experiences with Suvaxyn® PCV2 One Dose in the USA*”
 International Pig Veterinary Society 18th Congress
 “*Inclusion of BMD or BMD plus 3-Nitro in Swine Diets during Ileitis
 Vaccination*” (2004)
 Japanese Association of Swine Veterinarians
 “*U.S. Trends in Pig Production and Pork Industry*” (2006)
 “*Large Pig Group Management*” (2006)
 “*Benchmarking*” (2005)
 “*PRV Elimination*” (2005)
 “*PRRS Management & Elimination Methodology*” (2005)
 Japanese Pork Producers
 “*Parity Flow to Optimize Sow Productivity, Nursery/Grow/Finish Performance,
 and Throughput*” (2002)
 “*PRRS Elimination*” (1999)
 “*U.S. Industry*” (1998)
 “*The Changing Swine Industry*” (1997)
 “*Health Strategies*” (1996)
 “*Segregated Production*” (1995)
 “*Segregated Production Systems.*” (1994)
 “*Retrofitting and Reflowing Pig Facilities.*” (1992)
 “*Health Upgrade Options.*” (1992)
 “*Economics of Breeding Herd Management.*” (1992)
 Mexican Pork Producers
 “*Organizing and Interpreting Serology*” (1997)
 “*Wean to Finish Building*” (1997)
 “*Perspectives of Pig Production in the 21st Century.*”(1992)
 Pfizer Animal Health Enterprise Seminar
 “*Mycoplasma Hyopneumoniae Vaccination Comparative Study (Japan 2009)*
 Pfizer Animal Health Press Conference (Brussels, Belgium 2005)
 “*Naxcel Press Launch*”
 PIC AMVEC (Mexico, 2003)
 “*Farms and Boar Studs: How Can We Prevent PRRSV Contamination?*”
 “*Parity Flow to Optimize Nursery-Grow-Finish Performance, Sow Productivity,
 and Throughput*”

PIC PRRS Conference (Italy, 2000)
“PRRS Management and Elimination Methodology”

PIC Technical Symposium (1998)
“Pig Production in the XXI Century”

PorkExpo & IV Forum Internacional de Suinocultura (2008)
“Efficacy and Safety Studies of PCV2 Vaccine for Piglets”

Seventy-third Japan Pig Veterinary Society Meeting (2008)
“PCVAD and the Effect of Vaccination in the US”

Technical Seminar NASSA (1997)
“Gilt Development, Isolation, Acclimatization, and Synchronization”

Technical Symposium 2009 (2009)
“Biosecurity Management”
“Excede and Draxxin Experiences in the U.S.”
“Managing Vaccination Programs in Herds”
“Health Programs for Sows and Gilts in Face of Emerging Diseases”
“Benchmarking of Sow Productivity”
“Uniformity Management”
“APP”
“Ivomec”
“Sarcoptes Elimination”

Upjohn Producer Meetings (Australia, 1992)
“Modified Medicated Early Weaning and Off-Site Production”
“Retrofitting and Reflowing Facilities”
“Nonspecific Colitis”

National Presentations

Allen D. Leman Swine Conference
“Comparisons of ESF to Open Stall Systems in Large Sow Units” (2009)
“Synopsis of Tracks and Looking Ahead” (2007)
“Biosecurity and Studs – Hanson Lecture” (2005)
“Optimizing Gilt Reproduction and Development Roundtable” (2005)
“Circovirus Roundtable Discussion” (2005)
“Schering Plough Roundtable Discussion” (2005)
“Economics of Space Utilization” (2004)
“Risk Factors for Boar Studs Becoming Infected with PRRS” (2002)
“Parity Flow” (2002)
“Wean to Finish Construction Alternatives, Management, and Performance”
 (1998)
“Gilt Synchrony” (1997)
“PRRS” (1997)

ALPHARMA Technical Meeting
“Hemorrhagic Bowel Syndrome” (2001)
“PRRS” (2001)

American Association of Swine Veterinarians
“Learning from the Best” (2009)

- Advanced Techniques for Swine Veterinarians, “*Practitioner’s Perspective: Sow farm flow dynamics*” (2008)
- “*Mycoplasma vaccine strategies*” (2007)
- “*Field efficacy of Suvaxyn[®] PCV2 One Dose in pigs*” (2007)
- “*Economic Losses Associated with PMWS*” (2006)
- “*Porcine Circovirus Type 2*” (2005)
- “*Inclusion of BMD or BMD plus 3-Nitro in Swine Diets during Ileitis Vaccination*” (2004)
- “*Farms and Boar Studs: How can we prevent PRRSV contamination*” (2003)
- “*Value of Wean-to-finish*” (2001)
- “*Practical Economics of Pork Production*” (1998)
- “*Performance and Cost Effectiveness of Wean to Finishing Buildings*” (1997)
- “*Organizing and Reporting Serological Results for You and Your Clients*” (1997)
- “*Boar Stud Design*” (1995)
- “*Farrowing Facility Effect on Preweaning Mortality*” (1995)
- “*Health Matching Strategies*” (1994)
- “*The Economics of Isolated Segregation for Incoming Breeding Stock*” (1994)
- “*New Innovations in Building Design*” (1994)
- “*What Effective Communication and Information Skills Can Provide to the Practitioner*” (1994)
- Howard Dunne Memorial Lecture, “*The Breeding Herd: Providing the Raw Material*” (1992)
- “*The Breeding Herd: Providing the Raw Material*” (1991)
- “*Modified Medicated Early Weaning*” (1990)
- “*Elimination of Swine Dysentery from an Illinois Herd Utilizing Tiamulin*” (1990)
- American Veterinary Medical Association (1992)
- “*Breeding Herd Profitability*”
- Consultants Forum (2008)
- “*Using Population Data to Generate Profitable Outcomes*”
- George A. Young Swine Health and Management Conference (2003)
- “*Controlling PRRS in Porcine Respiratory Disease Complex*”
- IDEXX Laboratories, Inc. (1999)
- “*Industry*”
- Minnesota Pork Seminars (1991)
- “*Pig Flows*”
- “*Swine Breeding Facilities*”
- Minnesota Swine Conference for Veterinarians
- “*An Update on Parity Segregation*”
- “*Risk Factors for Boar Studs Becoming Infected with PRRS*” (2002)
- “*Elimination of Disease by Medication*” (1992)
- “*Diagnostic Problems Involving Grow-Finish Records*” (1991)
- “*Current Status of Modified Medicated Early Weaning Herds*” (1991)
- “*Nonspecific Colitis*” (1991)
- “*Optimization of Production Through Intensively Managed Herds*” (1990)

“*Modified Medicated Early Weaning*” (1990)
 Mississippi Valley Veterinary Medical Association (1996)
 “*Porcine Respiratory Disease Complex*”
 “*Gilt Synchrony Development and Process Management*”
 Missouri Pork Producers Association (1997)
 “*Current Topics*”
 “*Wean to Finish Building*”
 Missouri Veterinary Medical Association (1997)
 “*Porcine Respiratory Disease Complex*”
 “*Gilt Synchrony Development and Process Management*”
 National Pork Industry Conference
 “*PCV-2*” (2007)
 “*Auto sort Technology – A Bright Future?*” (2006)
 “*No Pig Left Behind – Optimizing Wean-Finish Performance*” (2005)
 “*Production Tips to Get Us Closer to 32¢*” (2003)
 “*Leading Edge Technology - Breeding Through Finishing*” (1994)
 National Pork Lending Conference (1998)
 “*Economic Benefits of New Technologies in the Pork Industry*”
 National Pork Producers’ Council (1994)
 “*Breeding Barn Design for Successful Artificial Insemination*”
 Pig-Group Ski Seminar
 “*Unique Production Ideas that You May Want to Try*” (2004, 2002)
 “*Latest on PRRS Control and Elimination Methodology*” (1999)
 Pork Expo (1989)
 “*Managing the Grow-Finish Herd*”
 Pork Summit (1994)
 “*Segregated Production Systems for Modern Hog Operation*”
 Pro Farmer Leading Edge Pork Conference (1998)
 “*World Class Pork Production, New Technologies: How to Apply Them to Your
 Operation for Improved Performance*”
 Professional Pork Producers Symposium (1998)
 “*Wean to Finish Buildings*”
 Western Veterinary Conference (2000)
 “*Wean-to-Finish Facilities*”
 “*PRRS Elimination Strategies*”
 “*HACCP Program*”
 “*Managing Grow/Finish Respiratory Diseases*”
 “*Managing Grow/Finish Enteric Diseases*”
 “*Global Facility and Management Ideas*”

World Pork Exposition

- “*Studies of PCV2 Vaccine for Piglets*” (2009)
- “*Suvaxyn[®] PCV2 One Dose Field Efficacy Comparison Carthage Study I*” (2008)
- “*PCVAD Management Strategies*” (2007)
- “*Economic Impact and Field Experience with PCVAD*” (2006)
- “*Economic Modeling: What Really Pays In Managing Production Variability?*” (2004)
- “*Current Strategies Managing PRRS*” (2004)
- “*Integrating Production Records*” (1998)
- “*Making Herd Health Decisions*” (1992)
- “*Offsite Production*” (1992)

World Pork Symposium

- “*PRRS – What We Know, What We Can Do*” (1998)

Regional Presentations

2000 Fourth Annual N.E. Iowa Swine Conference

- “*Wean-to-Finish Buildings*” (2000)

Alpharma Swine Health Symposium

- “*Field Experiences with Using BMD[®] in Control of Clostridial Enteritis in Neonatal Pigs Including Economics of Heavier Weaning Weights*” (2009)

Brock Associates Pork Producer Seminar (Illinois, 1993)

- “*Genetics: Steps Producers Need to Take for Major Genetic Improvements that Lead To Premium Prices*”
- “*Whole Herd Health: The Importance of a Programmed, Total Approach to Disease Resistant, Efficient Pigs*”

Carthage Veterinary Service, Ltd.

Nineteenth Annual Swine Production Conference (2009)

- “*Armband Day for the Contract Finishers? Free Ride Due to Early Mycoplasma Vaccination strategies.*”

Eighteenth Annual Swine Production Conference (2008)

- “*Outlook: W-F in 2012*”

Seventeenth Annual Swine Production Conference (2007)

- “*PCV2: Get Off the Highway to _ _ _ _*”

- “*Top Ten Road Rules*”

Sixteenth Annual Swine Production Conference (2006)

- “*Are you Using your Caddie for Better Piglet Survivability*”
- “*Play the Executive Course: Good Ideas from Around the World*”

Fifteenth Annual Swine Production Conference (2005)

- “*Make your Lay-ups and Achieve 5% Preweaning Mortality*”
- “*Recruiting Unique Ideas From Around the World*”

Fourteenth Annual Swine Production Conference (2004)

- “*Top Tips to Increase Suckling Piglet Survivability and Improve Farrowing House Performance*”

Thirteenth Annual Swine Production Conference (2003)

“*Sow Herd Health and Tips to Achieve 95% Prewaning Survivability*”
 Twelfth Annual Swine Production Conference (2002)
 “*Stop Sorting – Automatic Sorting Technology*”
 Eighth Annual Swine Production Conference (1998)
 “*Wean-to-Finish Construction Alternatives, Management and Performance*”
 “*PRRS – What We Know, What We Can Do*”
 Seventh Annual Swine Production Conference (1997)
 “*Wean to Finish Buildings*”
 “*Porcine Respiratory Disease Complex*”

Central States Veterinary Medical Association (1991)
 “*Environmental Design of Swine Facilities*”
 “*Pot Belly Pigs*”

Eastern States Veterinary Conference
 “*Environmental Management of Swine Buildings*” (1989)
 “*Quality Assurance*” (1988)
 “*Swine Respiratory Diseases*” (1988)
 “*Reproductive Efficiency in Swine Herds*” (1986)

Farm Credit Services (1992)
 “*Structure - Livestock Industry*”

Fort Dodge Animal Health
 Research Update (2008)
 “*Phase IV Comparative Vaccine Trial Review*”
 US Swine Planning Meeting (2007)
 “*Field Efficacy of PCV2 One Dose and the Boar Stud Study*”
 PCV Training Workshop (2006)
 “*Economic Impact and Field Experience with PCV*”
 PCV Informational Meeting (2006)
 “*Economic Impact and Field Experience with PCVAD*”

Georgia Veterinary Medical Association (1992)
 “*Diagnosing and Treating Neonatal Diarrhea in Swine*”
 “*Isolated Early Weaning Programs*”
 “*The Breeding Herd: Producing the Raw Material*”

Hancock County Pork Producers Annual Meeting
 “*What I’m Telling My Clients About Their Future in the Swine Industry*”

Hubbard Milling (1996)
 “*Breeding Herd Optimization*”

Illinois Pork Council Meeting (2003)
 “*The Ever Changing U.S. Hog Industry*”

Illinois Pork Expo (2008)
 “*Disease Management for PRRS, PCV2, Mycoplasma - The Breakthroughs*”

Illinois Swine Health & Management Conference (2001)
 “*PRRS: Lessons Learned for Control and Elimination*”
 “*Hemorrhagic Bowel Syndrome*”

Illinois Swine Health Seminar (1997)
“Wean-to-Finish Facilities: A Fad or Revolution“

Improving Swine Production Efficiency (television broadcast, 1992)
“Modified Medicated Early Weaning & Off-Site Production”

Internet Swine Reproductive Meeting (2005)
“Benefits of Early Induction of Puberty in Replacement Gilts”

Internet Swine Reproductive Advisory Forum (2003)
“Gilt Management – Reproductive Success”

Intervet Swine Innovation Workshop
“Health Programs for the Replacement Gilt and Sow in Face of Emerging Disease” (2007)
“Reproduction and Welfare” (2006)

Intervet Swine Reproduction Consortium (2002)
“The Use of Trans-abdominal Real-time Ultrasound for Ovarian Inspection in Sows and Gilts”

Iowa Pork Congress (2005)
“Basics of Pig Health in the Finisher”

Iowa Pork Industry Center’s Professional Swine Management Certification Series (1995)
“Breeding Systems Configurations - Advantages/Disadvantages”

Iowa Pork Industry Update Conference (Minnesota, 1995)
“Production Systems That Work Today”

Iowa State University Swine Disease Conference for Swine Practitioners (1994)
“Breeding Facilities - Build or Remodel?”
“Management for Effective Matings”

Kansas State University Swine Profitability Conference
“What I’m Telling My clients About Their Future in the Swine Industry” (2009)
“Positioning our Production System for the Future” (2004)
“Health Strategies for the Year 2000” (1991)

Land O’Lakes, Indiana (2002)
“Nursery/Finishing and Wean-to-Finish Standard Operating Procedures”

MFA Pork Progress Seminar (2004)
“Interaction of Health and Nutrition Technologies on Production and Profitability”

Minnesota Swine Herd Health (1991)
“Non-Specific Colitis”
“Diagnostic Cases”
“Modified Medicated Early Weaning”
“Breeding Herd Efficiency”

Missouri Pork Producers Association (1998)
“Maximizing Opportunities with Wean to Finish”
“Preparing and Prospering Tomorrow through Sow Centers and Cooperative Finishing” (2006)

Missouri Veterinary Medical Association (1991)
“Diseases of Swine”

National Hog Farmer/Kirkwood Community College Satellite Conference (1995)
“Profiting From Responsible Drug Use”

Nicollet-New Ulm Swine Conference (1989)
“Management of the Sow Herd”
“Optimizing Grow-Finish Performance”

Northwest Iowa Financial Conference (1992)
“Surviving in the 1990's”

Ohio Pork Producers (1991)
“Optimization of Grow-Finish Performance”

Pfizer (1990)
“Health Control Measures - Grow-Finish Efficiency”

Pfizer Eastern US Swine Vet Education Meeting (2010)
“One Dose and Two Dose Circovirus Vaccination Trial Results”
“Early Vaccination for Mycoplasma with RespiSure and RespiSure One Trial Results”

Pfizer Walking the Pens Workshop (2007)
“Training Prioritization” Expert Panel Discussion

Purina (2002)
“Swine Industry and Health”

Sirrah Bios
“Survey Results and Field Experiences with PRRS-RS Vaccine and Introduction of PRRVENT” (2009)

Southeast Iowa Regional Pork Conference (1992)
“Swine Herd Health”

Swine Health Center (1995)
“Breeding Herd Economics”

Swine Herd Health Programming Conference (1982)
“Exudative Dermatitis of Swine - Effect on Average Daily Gain”

Swine Profitability Conference (Kansas State University, 1990)
“Improving Performance in the Grow-Finish Herd”

Texas Pork Producers (1989)
“Enteric Diseases”

Triumph Pork Group (2002)
“Benefits of Longer Acclimation Period for PRRS”

University of Illinois
 Retirement Seminar for Dr. Gilbert Hollis *“Allied Industry’s Extension Role”*
 (2003)
“PRRS Management and Elimination Methodology” (2001)
 Retirement Seminar for Dr. Leroy Biehl *“Wean to Finish Strategies to Maintain Health and Profitability”* (1999)
 79th Annual Fall Conference for Veterinarians *“Health Management for the Grow Finish Pig”* (1998)

“How Does Tomorrow’s Vet Meet the Challenge of Change?” (1997)
“Wean to Finish Buildings” (1997)
“How Will Veterinarians Adapt to the Changing Swine Industry” (1996)
“Eradication of Swine Dysentery” (1991)
“Necroproliferative Enteritis” (1991)
University of Missouri (1989)
“Future of Swine Veterinary Medicine”
University of Nebraska-Lincoln (2003) 44th Annual George A. Young Swine Health and
Management Conference
“A Practitioner’s Perspective on Controlling PRRS in PRCD”
Upjohn (1991)
“Cost Effective Disease Elimination Programs”
USAHA (1989)
“PRV Elimination”
Western States Veterinary Conference
“Colloquium - Swine Management” (1992)
“Clinical Swine Cases” (1988)