

KENNETH JOSEPH STALDER

Education

Degree	Institution	Year
Ph. D. Animal Breeding Minor in Immunobiology	Iowa State University	1995
M. S. Agriculture	Western Kentucky University	1992
B. S. Animal Science	Iowa State University	1987
A. A. Farm Operations	Iowa State University	1985

SUMMARY OF PROFESSIONAL EXPERIENCE

2009 - Present	Professor, Department of Animal Science, Iowa State University, Ames, IA <i>Appointment: 50% Extension, 25% Research, 20% Teaching, 5% Service (2022-Present)</i> <i>50% Extension, 25% Research, 25% Teaching (2010-2021)</i>
2005 - 2009	Associate Professor, Department of Animal Science, Iowa State University, Ames, IA <i>Appointment: 65% Extension, 35% Research</i>
2003 - 2005	Assistant Professor, Department of Animal Science, Iowa State University, Ames, IA <i>Appointment: 65% Extension, 35% Research</i>
2000 - 2003	Associate Professor, Department of Animal Science, University of Tennessee, West Tennessee Center for Agriculture Research, Extension and Public Service, Jackson, TN <i>Appointment: 70% Extension, 30% Research</i>
1995 - 2000	Assistant Professor, Animal Science - Swine, University of Tennessee, West Tennessee Center for Agriculture Research, Extension and Public Service, Jackson, TN <i>Appointment: 100% Extension (1995 - 1998)</i> <i>70% Extension, 30% Research (1998 - 2000)</i>
1992 - 1995	Graduate research Assistant, Department of Animal Science, Iowa State University, Ames, IA
1990 - 1992	Graduate teaching Assistant, Department of Agriculture, Western Kentucky University, Bowling Green, KY
1987 - 1990	Livestock Production Specialist, Swiss Valley Ag Service, Cascade, IA

SCHOLARLY & CREATIVE ACTIVITY SUMMARY:**Refereed Activity Number – Career Total**

Journal Articles	179
Books and Book Chapters	16
Peer Reviewed Conference Proceeding	14
Total	208

Non-Refeed Publications Number – Career Total

Abstracts	191
Popular Press	102
Extension Publications	30
Animal Industry Reports	155
Conference Proceedings	74
Reports to Granting Agencies	27
USDA Project Reports	12
Total	591

Extension Activities Number – Career Total

Educational Tools	39
Extension Training	80
4-H & Youth Activities	93
Total	212

Invited Presentations Number – Career Total

Regional, National, and International	183
State and Local	52
University Faculty and Student Seminars	40
Total	275

Grants, Gifts and Contracts Total Value

Grand Total Funded	\$ 9,592,855
ISU Total (2003 to Present)	\$ 9,525,117
Stalder PI or Co-PI	\$ 2,188,170
Non-ISU Total (1996- 2003)	\$ 176,940

PROFESSIONAL ASSOCIATIONS

Iowa Association of Agricultural Agents and Specialists, 2005 – Present
American Association of Swine Veterinarians, 2004-Present
Tennessee Association of Agricultural Agents and Specialists, 2000 - 2003
National Association of Agricultural Agents and Specialists, 2000 - 2003
American Registry of Professional Animal Scientists, 1997 - Present
Tennessee Pork Producers Association, 1995 - 2003
American Society of Animal Science, 1992 - Present
National Swine Improvement Federation, 1990 – Present
American Association for the Advancement of Science. 2020 - Present

HONOR SOCIETIES

Alpha Zeta, 1992
Epsilon Sigma Phi, 2005
Gamma Sigma Delta, 1994 (graduate Student), 2009 (faculty)
Sigma Xi, 1992 (graduate student), 2009 (faculty) (exec committee 2019-Present) President
2020-2021)

AWARDS, HONORS, AND RECOGNITION

American Society of Animal Science – Animal Management Award, 2021
American College of Animal Science, Board Certification in Animal Genetics, American
Registry of Professional Animal Scientist, 2020
American Society of Animal Science – Rockefeller Prentice Memorial Award in Animal
Breeding and Genetics, 2020
American Society of Animal Science Extension Fellow, 2018
Post Tenure Review, 2015, Department of Animal Science, Iowa State University, Ames, IA
(Met expectations and there were no areas recommended for improved performance).
American Society of Animal Science, 2013, Midwest Section National Pork Producers Council
Award for Innovation in Teaching (co-author on award winning abstract)
Charles Stanislaw Memorial Distinguished Service Award, 2012, National Swine Improvement
Federation, Kansas City, MO
Heritage Mission Award, 2012, Alltech Inc. Midwest Lecture Tour Series
Mission Award – Extension, 2010, Iowa State University Chapter Gamma Sigma Delta, Iowa
State University
Outstanding Achievement in Extension Award, 2010, College of Agriculture and Life Sciences,
Iowa State University
Individual Achievement Award, 2007, Iowa State University Extension
Visiting Scientist Fellowship, 2007, MTT Agrifood Finland
American Society of Animal Science, 2006, Midwest Section National Pork Producers Council
Award for Innovation in Research (co-author on award winning abstract)
Science Outstanding Young Scientist - Extension Specialist Award, 2005, Midwest Section
American Society of Animal
Team Achievement Award, 2004, Iowa State University Extension, for the efforts on the 2004
ISU Animal Industry Report
Fellow, 2004, Organization for Econ. & Coop. Dev., Research Fellowship to study abroad

Distinguished Service Award, 2004, Tennessee Pork Producers Association
 Tennessee Epsilon Sigma Phi, 2002, Early Career Award
 American Society of Animal Science, 2001, Southern Section National Pork Producers Council
 Award for Innovation in Education
 American Society of Animal Science, 2000, Midwest Section National Pork Producers Council
 Award for Innovation in Education
 Certificate of Completion, 1997, Leadership Academy, University of Tennessee Agricultural
 Extension Service
 Certified Professional Animal Scientist, 1997, American Registry of Professional Animal
 Scientists
 T. Joseph Morrissey Memorial Scholarship Award, 1995, Iowa State University
 Outstanding Graduate Student Award, 1994, National Swine Improvement Federation
 Outstanding Graduate Student Award, 1992, Department of Agriculture, Western Kentucky
 University
 First Place, 1992, Graduate Division, Western Kentucky University Sigma Xi Research
 Conference Competition
 Soaring Spirit Sales Achievement Award, 1989, Cenex/Land O' Lakes Ag Services
 Member of Swiss Valley Ag Service's Feed Team receiving 6 awards for increased sales, 1989,
 Cenex/Land O' Lakes Ag Services

PROFESSIONAL DEVELOPMENT

K.J. Stalder. 2021. Certificate of Completion. Building Supportive Communities: Clery Act and
 Title IX. Iowa State University. Ames, IA. August 31, 2021.
K.J. Stalder. 2021. Certificate of Completion. Managing Bias Training. Iowa State University.
 Ames, IA. August 31, 2021.
K.J. Stalder. 2021. Certificate of Completion. Clery Act Training for CSAs. Iowa State
 University. Ames, IA. August 31, 2021.
K.J. Stalder. 2021. Certificate of Completion – Essentials for IACUC Members – IACUC
 Chairs, Members, and Coordinators, Basic Course. CITI Training Program. Iowa State
 University. Ames, IA. July 2, 2021.
K.J. Stalder. 2020. Extreme ownership and accountability training. Smithfield Foods. Virtual
 Training. September 10, 2020.
K.J. Stalder. 2020. Certificate of Completion - Title IX: Preventing Harassment and
 Discrimination for Higher Education, Iowa State University, September 14, 2020.
K.J. Stalder. 2019. Certificate of Completion – Human Research, Working with Swine in a
 Research Setting. Basic Course. CITI Training Program. Iowa State University. Ames, IA.
 April, 17, 2019.
K.J. Stalder. 2019. Certificate of Completion – Human Research, Biosafety/Biosecurity Basic.
 Stage 1. CITI Training Program. Iowa State University. Ames, IA. April, 17, 2019.
K.J. Stalder. 2019. Certificate of Completion – Human Research, Social/Behavioral Research
 Course, Basic Course. CITI Training Program. Iowa State University. Ames, IA. April, 17,
 2019.
K.J. Stalder. 2019. Certificate of Completion – Investigators, Staff, and Students Course, Basic
 Course. CITI Training Program. Iowa State University. Ames, IA. March, 27, 2019.
K.J. Stalder. 2018. Certificate of Completion – Sexual Misconduct and Title IX discrimination
 training. Iowa State University. Ames, IA. April, 2018.

- K. J. Stalder**. 2016. Certificate of Completion – Preventing Discrimination and Sexual Violence: Title IX, VAWA, Clery Act, for Faculty and Staff. Iowa State University. Ames, IA 50011-3150. September 8, 2016.
- K. J. Stalder**. 2016. Unlawful Harassment Prevention for Higher Education Faculty. Iowa State University. Ames, IA 50011-3150. September 8, 2016.
- K. J. Stalder**. 2016. Certificate of Completion for Unlawful Harassment Prevention Supervisor Supplement for Higher Education Faculty. Iowa State University. Ames, IA 50011-3150. September 8, 2016.
- K. J. Stalder**. 2016. PQA Train the Trainer update. National Pork Board, Clive, IA 50325, March 15-16, 2016. Des Moines, Iowa.
- K. J. Stalder**. 2015. Understanding FERPA - Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2014. CITI Collaborative Institutional Training Initiative - Conflicts of Commitment, Conscience, and Institutional Conflicts of Interest. Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2014. Certificat of Completion. Title IX Awareness and Violence Prevention for Faculty and Staff. Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2014. Certificat of Completion. Unlawful Harassment Prevention for Higher Education Faculty. Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2008. CITI Collaborative Institutional Training Initiative – Working with the IACUC Curriculum – Basic Course. Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2014. CITI Collaborative Institutional Training Initiative – Working with Swine in Research Settings. Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2014. CITI Collaborative Institutional Training Initiative – Working with the IACUC Curriculum – Basic Course. Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2012. Pork Quality Assurance Train the Trainer Training. National Pork Board, Des Moines, IA.
- K. J. Stalder**. 2008. CITI Collaborative Institutional Training Initiative – Working with Swine in Research Settings. Iowa State University, Ames, IA 50011-3150.
- K. J. Stalder**. 2008. Protecting Human Research Participants. National Institutes of Health Office of Extramural Research Web-based training. Certification No. 26584.
- K. J. Stalder**. 1998. Certified Professional Animal Scientist – Swine Species Specialisation. American Registry of Professional Animal Scientists. Champaign, IL 61820-6974.

REFEREED JOURNAL ARTICLES

1. **Stalder, K. J.**, L. L. Christian, M. F. Rothschild, and E.-C. Lin. 1997. Maternal performance differences between porcine stress syndrome normal and carrier Landrace females. *J. Anim. Sci.* 75:3114-3118.
2. Lahucky, R., L. L. Christian, L. Kovac, **K. J. Stalder**, and M. Bauerova. 1997. Meat quality assessed *ante-* and *post-mortem* by different ryanodine receptor gene status of pigs. *Meat Sci.* 47:277-285.
3. **Stalder, K. J.**, J. Maya, L. L. Christian, S. J. Moeller, and K. J. Prusa. 1998. Effects of pre-slaughter management on the quality of carcasses from porcine stress syndrome heterozygous market hogs. *J. Anim. Sci.* 76:2435-2443.
4. **Stalder, K. J.**, L. L. Christian, M. F. Rothschild, and E.-C. Lin. 1998. Effect of porcine stress syndrome genotype on the maternal performance of a composite line of stress-susceptible swine. *J. Anim. Breed. Genet.* 119:191-198.
5. **Stalder, K. J.**, L. L. Christian, M. F. Rothschild, and E.-C. Lin. 1998. Maternal swine trait genetic parameter estimates measured on Landrace females with known porcine stress syndrome genotypes. *J. Anim. Breed. Genet.* 119:199-210.
6. **Stalder, K. J.**, R. C. Lacy, T. L. Cross, G. E. Conatser, and C. S. Darroch. 2000. Net present value analysis of sow longevity and the economic sensitivity of net present value to changes in production, market price, feed cost, and replacement gilt costs in a farrow-to-finish operation. *Prof. Anim. Sci.* 16:33-40.
7. **Stalder, K. J.**, T. E. Long, R. N. Goodwin, R. L. Wyatt, and J. H. Halstead. 2000. Effect of gilt development diet on the reproductive performance of primiparous sows. *J. Anim. Sci.* 78:1125-1131.
8. Roberson, K. D., **K. J. Stalder**, H. D. Loveday, and F. B. Masincupp. 2000. Effect of dietary calcium on growth performance, phosphorus digestibility and bone mineralization of lean-type growing-finishing pigs fed a low phosphorus diet supplemented with phytase. *J. App. Anim. Res.* 17:57-68.
9. Scroggs, L. V., H. G. Kattesh, J. L. Morrow, **K. J. Stalder**, J. W. Dailey, M. P. Roberts, J. F. Schneider, and A. M. Saxton. 2001. Influence of split marketing on the physiology, behavior, and performance of finishing swine. *J. Anim. Sci.* 80:338-345.
10. van Laack, R. J. L. M., S. G. Stevens, and **K. J. Stalder**. 2001. The influence of ultimate pH and intramuscular fat content on pork tenderness and tenderization. *J. Anim. Sci.* 79:392-397.
11. Stella, A., **K. J. Stalder**, A. M. Saxton, and P. J. Boettcher. 2003. Variances of gametic effects on litter size in Yorkshire and Landrace swine. *J. Anim. Sci.* 81:2171-2178.
12. **Stalder, K. J.**, C. C. Melton, G. E. Conatser, S. L. Melton, M. J. Penfield, J. R. Mount, D. Murphey, and K. J. Goddard. 2003. Fresh and processed qualities of country-style cured hams from purebred Duroc and genetically undefined market hogs. *J. Muscle Foods* 14:253-263.
13. **Stalder, K. J.**, R. C. Lacy, T. L. Cross, and G. E. Conatser. 2003. Financial impact of average parity of culled females in a breed-to-wean swine operation using replacement gilt net present value analysis. *Swine Health Prod.* 11:69-74.
14. **Stalder, K. J.**, A. M. Saxton, R. K. Miller, and R. N. Goodwin. 2003. A comparison of hydrogen ion concentration and pH genetic predictions and fixed effect estimations when assessing pork quality. *J. Anim. Sci.* 81:611-616.

15. Zoglmann, M. S., G. F. Jones, D. M. Coffey, **K. J. Stalder**, A. E. Ramer, and M. A. Deppe. 2004. The role of 4-H and FFA involvement and gender on student success in an Introduction to Animal Science course. *J. Southern Ag. Educ. Res.* 54:233-243.
16. Serenius, T., and **K. J. Stalder**. 2004. Genetics of length of productive life and lifetime prolificacy in the Finnish Landrace and Large White pig populations. *J. Anim. Sci.* 82:3111-3117.
17. **Stalder, K. J.**, M. Knauer, T. J. Baas, M. F. Rothschild, and J. W. Mabry. 2004. Sow Longevity. *Pig News and Information.* 25:53N-74N.
18. Newcom, D. W., **K. J. Stalder**, R. N. Goodwin, and T. J. Baas. 2004. Breed differences and genetic parameters of myoglobin concentration in porcine longissimus muscle. *J. Anim. Sci.* 82:2264-2268.
19. Ehlers, M. J., J. W. Mabry, J. K. Bertrand, and **K. J. Stalder**. 2005. Variance components and heritabilities for sow productivity traits estimated from purebred versus crossbred sows. *J. Anim. Breed. Genet.* 122:318-324.
20. **Stalder, K. J.**, A. M. Saxton, G. E. Conatser, and T. V. Serenius. 2005. Effect of growth and compositional traits on first parity and lifetime reproductive performance in U.S. Landrace swine. *Livest. Prod. Sci.* 97:151-159.
21. Newcom, D. W., T. J. Baas, C. R. Schwab, and **K. J. Stalder**. 2005. Genetic and phenotypic relationships between individual subcutaneous backfat layers and longissimus intramuscular fat percentage in Duroc swine. *J. Anim. Sci.* 83:316-323.
22. Newcom, D. W., T. J. Baas, **K. J. Stalder**, and C. R. Schwab. 2005. Comparison of three models to estimate breeding values for loin intramuscular fat percentage in Duroc swine. *J. Anim. Sci.* 83:750-756.
23. **Stalder, K. J.**, M. F. Rothschild, and S. M. Lonergan. 2005. Associations between two gene markers and indicator traits affecting fresh and dry-cured ham processing quality. *Meat Sci.* 69:451-457.
24. Serenius, T., **K. J. Stalder**, and M. Pounti. 2006. Impact of dominance effects on sow longevity. *J. Anim. Breed. Genet.* 123:355-361.
25. Serenius, T., **K. J. Stalder**, T. J. Baas, J. W. Mabry, R. N. Goodwin, R. K. Johnson, O. W. Robison, M. Tokach, and R. K. Miller. 2006. National Pork Producers Council Maternal Line National Genetic Evaluation Program: A comparison of sow longevity and trait associations with sow longevity. *J. Anim. Sci.* 84:2590-2595.
26. Schwab, C. R., T. J. Baas, **K. J. Stalder**, and J. W. Mabry. 2006. Effect of long term selection for increased leanness on meat and eating quality traits in Duroc swine. *J. Anim. Sci.* 84:1577-1583.
27. Panetta, D. M., W. J. Powers, H. Xin, B. J. Kerr, and **K. J. Stalder**. 2006. Nitrogen excretion and ammonia emissions from pigs fed modified diets. *J. Environ. Qual.* 35:1297-1308.
28. Ehlers, M. J., J. W. Mabry, J. K. Bertrand, and **K. J. Stalder**. 2006. Breeding values, accuracies, and rank changes using purebred and combined purebred and crossbred information in swine. *Prof. Anim. Sci.* 22:183-188.
29. Serenius, T., and **K. J. Stalder**. 2006. Review: Selection for sow longevity. *J. Anim. Sci.* 84(E. Suppl.):E166-E171.
30. Serenius, T., P. Muhonen, and **K. Stalder**. 2007. Economic values of pork production related traits in Finland. *Agric. Food Sci.* 16:79-88.

31. Knauer, M., **K. J. Stalder**, L. Karriker, T. J. Baas, C. Johnson, T. Serenius, L. Layman, and J. D. McKean. 2007. A descriptive survey of lesions from cull sows harvested at two Midwestern U.S. facilities. *Prev. Vet. Med.* 82:198-212.
32. Gilliam, R. F., C. S. Darroch, **K. J. Stalder**, and A. G. Mathew. 2007. The effect of substituting high oil corn as a replacement for normal corn in nursery pig diets. *Res. J. Anim. Sci.* 1:24-29.
33. Knauer, M., L. A. Karriker, T. J. Baas, C. Johnson, and **K. J. Stalder**. 2007. An evaluation of the precision of farm reported data used to make health decisions about sows. *J. Am. Vet. Med. Assoc.* 231:433-436.
34. Smith, A. L., **K. J. Stalder**, T. V. Serenius, T. J. Baas, and J. W. Mabry. 2007. Effect of piglet birthweight and weaning weight on weight 42 days post-weaning. *Swine Health Prod.* 15:213-218.
35. Ramos, A. M., T. V. Serenius, **K. J. Stalder**, and M. F. Rothschild. 2007. Phenotypic correlations among quality traits of fresh and dry cured hams. *Meat Sci.* 77:182-189.
36. Schwab, C. R., T. J. Baas, **K. J. Stalder**, and J. W. Mabry. 2007. Deposition rates and accretion patterns of intramuscular fat, loin muscle area, and backfat of Duroc pigs sired by boars from two time periods. *J. Anim. Sci.* 85:1540-1546.
37. Serenius, T., and **K. J. Stalder**. 2007. Longevity is impacted by farm management, leg conformation, sow's own prolificacy, and sow's origin parity and genetics. *Anim.* 1:745-750.
38. Lonergan, S. M., **K. J. Stalder**, E. Huff-Lonergan, T. J. Knight, R. N. Goodwin, K. J. Prusa, and D. C. Beitz. 2007. Influence of lipid content on pork sensory quality within pH classification. *J. Anim. Sci.* 85:1074-1079.
39. Zhang, S., T. J. Knight, **K. J. Stalder**, R. N. Goodwin, S. M. Lonergan, and D. C. Beitz. 2007. Effects of breed, gender, and halothane genotype on fatty acid composition and healthfulness of pork *longissimus dorsi* muscle. *J. Anim. Sci.* 85:583-591.
40. Kiovula, M., M. -L. Sevón-Aimonen, I. Strandén, K. Matilainen, T. Serenius, **K. J. Stalder**, and E. A. Mäntysaari. 2008. Genetic (co)variances and breeding value estimation of Gompertz growth curve parameters in Finnish Yorkshire boars, gilts, and barrows. *J. Anim. Breed. Genet.* 125:168-175.
41. Fitzgerald, R., **K. Stalder**, L. Karriker, C. Johnson, L. Layman, A. Johnson. 2008. Developing and utilizing visual tools to assist pork producers in employee training in the evaluation of sow body condition. *J. Ext.* 46:2T0T7
42. Moore, S. M., **K. J. Stalder**, D. C. Beitz, C. H. Stahl, W. A. Fithian, and K. Bregendahl. 2008. The correlation of chemical and physical corn kernel traits with production performance in broiler chickens and laying hens. *Poult. Sci.* 87:665-676.
43. Moore, S. M., **K. J. Stalder**, D. C. Beitz, C. H. Stahl, W. A. Fithian, and K. Bregendahl. 2008. The correlation of chemical and physical corn kernel traits with growth performance and carcass characteristics in pigs. *J. Anim. Sci.* 86:592-601.
44. Smith, A. L., **K. J. Stalder**, T. V. Serenius, T. J. Baas, and J. W. Mabry. 2008. Effect of weaning age on nursery pig and sow reproductive performance. *J. Swine Health. Prod.* 16:131-137.
45. Ramos, A. M., K. L. Glenn, T. V. Serenius, **K. J. Stalder**, and M. F. Rothschild. 2008. Genetic markers for the production of U.S. country hams. *J. Anim. Breed. Genet.* 125:159-168.

46. Lammers, P. J., B. J. Kerr, M. S. Honeyman, **K. J. Stalder**, W. A. Dozier III, T. E., Weber, M.T. Kidd, and K. Bregendahl. 2008. Nitrogen-corrected apparent metabolizable energy value of crude glycerol for laying hens. *Poult. Sci.* 87:104-107.
47. Fitzgerald, R. F., G. F. Jones, and **K. J. Stalder**. 2008. A comparison of intrauterine and cervical artificial insemination catheters on farrowing rate and litter size in artificially mated sows. *J. Swine Health. Prod.* 16:11-15.
48. Fitzgerald, R. F., **K. J. Stalder**, C. D. Johnson, L. Layman, and L. Karriker. 2008. An economic analysis of feeding cull sows. *Prof. Anim. Sci.* 24:355-362.
49. Serenius, T., **K. Stalder**, and R. Fernando. 2008. Genetic associations of sow longevity with age at first farrowing, number of piglets weaned and wean to insemination interval in the Finnish Landrace swine population. *J. Anim. Sci.* 86:3324-3329.
50. **Stalder, K. J.**, D. Miller, C. Johnson, M. Boggess, L. Karriker, and A. Johnson. 2008. Cooperative effort leads to the development of tools to assist pork producers in evaluating structural soundness of replacement gilts. *J. Exten.* 46:IAW4.
51. Johnson, A. K., L. J. Sadler, **K. J. Stalder**, and W. Powers. 2008. Influence of corn co-products on the behavioral repertoire of growing-finishing swine. *Acta Agric. Scandinavica, Section A* 58:209-213.
52. Onteru, S. K., B. Mote, T. Serenius, M. Nikkilae, **K. J. Stalder**, M. F. Rothschild. 2008. SNP discovery in genes affecting leg health traits in pigs. Pinard M-H, Gay C, Pastoret P-P, Dodet B (Eds): *Animal Genomics for Animal Health. Dev. Biol. (Basel)*. Basel, Karger, 132: 337-342.
53. Mote, B. E., J. W. Mabry, **K. J. Stalder**, and M. F. Rothschild. 2009. Evaluation of current reasons for removal of sows from commercial farms. *Prof. Anim. Sci.* 25:1-7.
54. Shepherd, T. A., R. T. Burns, L. B. Moody, D. R. Raman, **K. J. Stalder**. 2009. Investigating conductivity to predict magnesium addition requirements for struvite precipitation in swine manure slurries. *Appl. Eng. Agric.* 25:103-108.
55. Moody, L., R. Burns, and **K. Stalder**. 2009. Effect of anaerobic digestion on manure characteristics for phosphorus precipitation from swine waste. *Appl. Eng. Agric.* 25:97-102.
56. Fan, B., S. K. Onteru, B. E. Mote, T. Serenius, **K. J. Stalder**, and M. F. Rothschild. 2009. Large-scale association study for structural soundness and leg locomotion traits in the pig. *Gen. Sel. Evol.* 41:14.
57. Jackson, C. J., L. A. Karriker, **K. J. Stalder**, and A. K. Johnson. 2009. Number of visits and length of each visit to a nipple cup drinker by 7-week-old pigs after a water deprivation period or ad libitum access to water. *J. Swine Health Prod.* 17:76-80.
58. Shepherd, T. A., R. T. Burns, D. R. Raman, L. B. Moody, and **K. J. Stalder**. 2009. Performance of a pilot-scale air sparged continuous flow reactor and hydrocyclone for struvite precipitation and removal from liquid swine manure. *App. Eng. Agric.* 25:257-267.
59. Fitzgerald, R. F., **K. J. Stalder**, J. O. Matthews, C. M. Schultz - Kaster, and A. K. Johnson. 2009. Factors associated with fatigued, injured and dead pig frequency during transport and lairage at a commercial abattoir. *J. Anim. Sci.* 87:1156-1166.
60. Johnson, A. K., J. McGlone, L. J. Sadler, A. M. Meisberg, and **K. J. Stalder**. 2009. Risky behaviors performed by the piglet 72 hours after parturition that can contribute to pre-weaning mortality when housed in farrowing huts. *Acta Agric. Scand. A Animal Sci.* 59:53-58.

61. Mote, B. E., K. J. Koehler, J. W. Mabry, **K. J. Stalder**, and M. F. Rothschild. 2009. Identification of genetic markers for productive life in commercial sows. *J. Anim. Sci.* 87:2187-2195.
62. Zhang, S., T. J. Knight, **K. J. Stalder**, R. N. Goodwin, S. M. Lonergan, and D. C. Beitz. 2009. Effect of breed, sex, and halothane genotype on fatty acid composition of triacylglycerols and phospholipids in pork longissimus muscle. *J. Anim. Breed. Genet.* 126:259-268.
63. Shepherd, T. A., R. T. Burns, L. B. Moody, D. R. Raman, **K. J. Stalder**. 2009. Development of a bench-scale air sparged continuous flow reactor for struvite precipitation from two different liquid swine manure storage systems. *Appl. Eng. Agric.* 25:425-430.
64. Fitzgerald, R. F., **K. J. Stalder**, P. M. Dixon, A. K. Johnson, L. Karriker, and G. F. Jones. 2009. The accuracy and repeatability of sow body condition scoring. *Prof. Anim. Sci.* 25:415-425.
65. Fan, B., S. K. Onteru, M. T. Nikkilä, **K. J. Stalder**, and M. F. Rothschild. 2009. The *COL9A1* gene is associated with *longissimus dorsi* muscle area in the pig. *Anim. Genet.* 40: 788.
66. Burkett, J. L., **K. J. Stalder**, W. J. Powers, J. L. Pierce, T. J. Baas, T. B. Bailey, B. L. Shafer, and K. Bregendahl. 2009. Effect of inorganic and organic trace mineral supplementation on the performance, carcass characteristics, and fecal mineral excretion of phase-fed, grow-finish swine. *Aust. J. Anim. Sci.* 22:1279-1287.
67. Schwab, C. R., T. J. Baas, **K. J. Stalder**, and D. Nettleton. 2009. Results from six generations of selection for intramuscular fat in Duroc swine: I. Direct and correlated phenotypic responses to selection. *J. Anim. Sci.* 87:2774-2780.
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16. **Stalder, K. J.** 1997. Litter size determined with a blood test. University of Tennessee Extension Swine Quarterly Newsletter. February 10:1 pp. 2.
17. **Stalder, K. J.** 1997. Economic impact of adopting advanced swine technologies. University of Tennessee Extension Swine Quarterly Newsletter. February 10:1 pp. 2-3.
18. **Stalder, K. J.** 1997. Networks can allow smaller producers to remain competitive. Tennessee Pork Producers Association News. January/February 12:1 pp. 12.
19. **Stalder, K. J.** 1998. Confinement swine operations are friendly to our environment. Green Tennessee News Release Package, University of Tennessee.
20. **Stalder, K. J.** 1998. Keep your swine business in perspective with low hog prices. Tennessee Pork Producers Association News. Winter Edition 14:1 pp. 8.
21. **Stalder, K. J.** 1998. Gilt development project update. Tennessee Pork Producers Association News. Summer Edition 13:3 pp. 7.
22. **Stalder, K. J.** 1998. Gilt development project update. Tennessee Pork Producers Association News. Summer Edition 13:3 pp. 7.
23. **Stalder, K. J.** 1999. Surviving challenging times in the swine industry. Green Tennessee News Release Package, University of Tennessee.
24. **Stalder, K. J.** 2000. Traditional and non-traditional marketing plans can make your pork operation profitable. Green Tennessee News Release Package, University of Tennessee.
25. **Stalder, K. J.** 2000. PigCHAMP swine record keeping program offered to pork producers. Tennessee Pork Producers Association News. Fall Edition 16:3 pp. 1.
26. **Stalder, K. J.** 2001. Promoting pork at Milan No-Till Field Day. Tennessee Pork Producers Association News. Summer Edition 17:2 pp. 1, 3.
27. **Stalder, K. J.** 2004. Manure Nutrient Value Calculator. Press release from the Iowa Pork Industry Center.
28. **Hurlbert, N.** 2018. Thailand visitors in Animal Science 2018.
<http://www.global.ag.iastate.edu/announcements/thailand-visitors-animal-science-2018>
 (article done on Dr. Stalder's Post-Doc Dr. China Supakorn and PhD candidate Mr. Supasit Plaengkao).

29. **Stalder, K. J.** 2020. A new way to evaluate sow herd efficiency. Swine Genetics International (SGI) Electronic Seasonal Newsletter to Japanese swine producers, Spring 2020. Swine Genetics International, Cambridge, IA.

PODCASTS AND WEBINARS RECORDED & INTERVIEWS

1. Dutlinger, V., and **K. J. Stalder**. 2020. The People Factor (Episode 7). PigX Podcast. Iowa Pork Industry Center. Iowa State University, Ames, IA. Dec. 7, 2020. <https://globalagnetwork.com/pigx/podcast/episode-7-the-people-factor>
2. Arthur, N., **Stalder, K. J.**, M. Tafs, and M. Turley. 2021. Encore of Gilt Selection Part 1. Space, Lighting, and Training. The Squeel Podcast. Pig Improvement Company, Hendersonville, TN. April 6, 2021. <https://podcasts.apple.com/us/podcast/squeal-0069-encore-gilt-selection-part-1-space-lighting/id1392449994?i=1000515974541>
3. Arthur, N., **Stalder, K. J.**, M. Tafs, and M. Turley. 2021. Encore of Gilt Selection Part 2. Pitfalls, Where Can We Go Wrong. The Squeel Podcast. Pig Improvement Company, Hendersonville, TN. April 13, 2021. <https://podcasts.apple.com/us/podcast/squeal-0070-encore-gilt-selection-part-2-pitfalls-where/id1392449994?i=1000516945200>
4. Arthur, N., **Stalder, K. J.**, M. Tafs, and M. Turley. 2021. Encore of Gilt Selection Part 3. Selection Issues and Solutions. The Squeel Podcast. Pig Improvement Company, Hendersonville, TN. April 20, 2021. <https://podcasts.apple.com/us/podcast/squeal-0071-encore-gilt-selection-part-3-gilt-selection/id1392449994?i=1000517892939>
5. Arthur, N., **K. J. Stalder**, N. Stas, and M. Turlery. 2021. Gilt Development. The Squeel Podcast. Pig Improvement Company, Hendersonville, TN. (In Press)
6. **Stalder, K. J.**, and L. Greiner. 2021. Importance of right sizing gilt multiplication and identifying a better KPI than Pigs per Sow per Year (PSY) for commercial sow farms. <https://anchor.fm/swineitpodcast>
7. **Stalder, K. J.** 2021. Swine body condition scoring. Successful Farming. Meredith Corporation, Des Moines, IA.
8. **Stalder, K. J.** 2021. Sow longevity: Importance to commercial breeding herds. American Society of Animal Science Webinar Series. ASAS, Champaign, IL.

INVITED PRESENTATIONS

REGIONAL, NATIONAL AND INTERNATIONAL MEETINGS

1. **Stalder, K. J.** 1994. Porcine stress syndrome effects on sow performance, Iowa Purebred Swine Council Annual Seminar: A Vision for the Future. Ames, IA. February 1994.
2. **Stalder, K. J.** 1995. Effects of porcine stress syndrome genotype on sow productivity. Mid-South Pork Expo, Jackson, TN. August 1995.
3. **Stalder, K. J.** 1995. Management effects on pork quality. Mid-South Pork Expo, Jackson, TN. August 1995.
4. **Stalder, K. J.**, R. C. Lacy, T. L. Cross and G. E. Conatser. 1999. How old is old enough? The value of longevity in the sow herd. National Swine Registry Breeders' STAGES Roundtable, West Lafayette, IN. March 1999.
5. **Stalder, K. J.** 1999. Pork quality - Genetic and management affects. Kentucky - Tennessee Country Ham Association Annual Meeting, Paris, TN. March 1999.
6. **Stalder, K. J.** 2000. Pork Quality - How does it impact you as a producer? Central Kentucky Hog Marketing Cooperative, Bardstown, KY. January 2000.
7. **Stalder, K. J.** 2000. Sow longevity - Its improvement and economic importance. Central Kentucky Hog Marketing Cooperative, Bardstown, KY. January 2000.

8. **Stalder, K. J.**, C. C. Melton, G. E. Conatser, S. L. Melton, J. R. Mount, D. Murphey, and K. J. Goddard. 2000. Country style processing qualities of ham from purebred Duroc and genetically undefined market hogs. National Swine Registry Breeders' STAGES Roundtable, West Lafayette, IN. March 2000.
9. **Stalder, K. J.**, C. C. Melton, G. E. Conatser, S. L. Melton, J. R. Mount, D. Murphey, and K. J. Goddard. 2000. Comparison of dry-cured processing qualities of hams from purebred Duroc and genetically undefined market hogs. National Country Ham Association annual meeting, Knoxville, TN. March 2000.
10. **Stalder, K. J.**, and R. N. Goodwin. 2000. Gilt development - Importance of gilt growth rate on lifetime reproductive performance. National Pork Producers Councils Maternal Line Genetic Evaluation Program Symposium, Des Moines, IA. April 2000.
11. **Stalder, K. J.**, and R. C. Lacy. 2000. Gilt replacement calculator. National Pork Producers Educational Seminars, World Pork Expo, Indianapolis, IN. June 2000.
12. **Stalder, K. J.**, and R. C. Lacy. 2000. Breeding herd female calculator - An economic assessment tool for swine producers. National Pork Producers Financial Management Conference, Seattle, WA. July 2000.
13. **Stalder, K. J.**, A. M. Saxton, and G. E. Conatser. 2001. Correlation of first parity and lifetime reproductive performance to growth and compositional traits in purebred Yorkshire and Landrace females. National Swine Registry Breeders' STAGES Roundtable, West Lafayette, IN. March 2001.
14. **Stalder, K. J.** 2002. Economic importance of sow longevity. United States Grains Council Sponsored Seminar, Can Tho, Ho Chi Minh City, and Hanoi, Vietnam. May 2002.
15. **Stalder, K. J.** 2002. Mating systems for commercial pork producers. United States Grains Council Sponsored Seminar, Can Tho, Ho Chi Minh City, and Hanoi, Vietnam. May 2002.
16. **Stalder, K. J.** 2002. Basics of swine genetics. United States Grains Council Sponsored Seminar, Can Tho, Ho Chi Minh City, and Hanoi, Vietnam. May 2002.
17. **Stalder, K. J.** 2002. Using the troubleshooting guide to the National Pork Database Benchmarks. National Pork Board's Pork Academy, Des Moines, IA. June 2002.
18. **Stalder, K. J.** 2002. Environmentally sound nutrient management practices for swine production. Ames Plantation Field Day, University of Tennessee Experiment Station, Grand Junction, TN. August 2002.
19. **Stalder, K. J.** 2002. Using the troubleshooting guide to the National Pork Database Benchmarks. National Pork Board's Swine Educators Conference, Des Moines, IA. September 2002.
20. **Stalder, K. J.** 2002. Value and composition of the shoulder primal. National Pork Board's Whole Hog Value Symposium, Des Moines, IA. November 2002.
21. **Stalder, K. J.** 2003. Sow longevity, an economic and production perspective. South Central Kentucky Pork Producers, Bowling Green, KY. January 2003.
22. **Stalder, K. J.** 2004. Sow longevity – Its improvement and economic importance. Iowa Pork Producers Association Pork Congress, Des Moines, IA. January 2004. **Stalder, K. J.** 2004. On-going swine research by ISU extension staff. Iowa Feed and Nutrition Seminar, Ames, IA. April 2004.
24. **Stalder, K. J.** 2004. Research projects at Iowa State University conducted by extension swine staff. MTT Agri-food Finland Animal Breeding Seminar, Jokioinen, Finland. April 2004.

25. **Stalder, K. J.**, W. Powers, J. Burkett, and J. L. Pierce. 2004. Reducing the environmental impact of swine production through nutritional means. Alltech Biotechnology Conference, Lexington, KY. May 2004.
26. **Stalder, K. J.**, and A. Johnson. 2004. Non-genetic and non-nutritional factors influencing sow longevity. National Pork Board's Pork Academy, Des Moines, IA. June 2004.
27. **Stalder, K. J.**, T. J. Baas, M.T. Knauer, J. W. Mabry, and T. V. Serenius. 2004. Economic evaluation of gilt retention. A. D. Leman Swine Conference Pre-Conference Workshop, Minneapolis, MN. September 2004.
28. **Stalder, K. J.** 2004. U.S. Pork Production. International Farmers Aid Association 2004 Midwest Farm Trainee Winter Short Course (Students from Brazil, Japan, and Korea). December 2004.
29. **Stalder, K. J.**, T. V. Serenius, S. J. Moeller, M. Knauer, T. J. Baas, J. W. Mabry, M. F. Rothschild, and B. E. Mote. 2004. Genetic factors impacting sow longevity. Record of 29th Proc. National Swine Imprv. Fed. Conf. Ann. Mtg. Ames, IA, Dec. 2004.
30. **Stalder, K. J.** 2005. Risk factors associated with sow culling / removal. Tennessee Pork Producers Association Annual Convention. Murfreesboro, TN. January 2005.
31. **Stalder, K. J.** 2005. Beneficial swine nutritional practices to reduce environmental risk. Ohio Pork Producers Association Annual Convention. Columbus, OH. February 2005.
32. **Stalder, K. J.** 2005. Risk factors associated with sow culling / removal. Ohio Pork Producers Association Annual Convention. Columbus, OH. February 2005.
33. **Stalder, K. J.** 2005. Risk factors associated with high sow culling / removal rates. United States Livestock Genetic Export sponsored symposium. Ho Chi Minh City, Vietnam. March 2005.
34. **Stalder, K. J.** 2005. Reducing excretion of trace minerals in grow-finish swine. Alltech Breakfast meeting at the Midwest Animal Science meetings. March 2005.
35. **Stalder, K. J.**, T. V. Serenius, M. T. Knauer, B. E. Mote, T. J. Baas, and J. W. Mabry. 2005. Review of factors influencing sow longevity. Midwest Section of the American Society of Animal Science Symposium on Sow Longevity, Des Moines, IA. March 2005.
36. **Stalder, K. J.** 2005. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. March 2005.
37. **Stalder, K. J.** 2005. Risk factors associated with high sow culling / removal rates. 14th Annual Hog Raiser's Convention. Cavite, Philippines. April 2005.
38. **Stalder, K. J.**, M. F. Rothschild, T. J. Baas, N. Berry, and T. V. Serenius. 2005. Genetics of feet and leg soundness. National Pork Board's Pork Academy, Des Moines, IA. June 2005.
39. **Stalder, K. J.**, 2005. Economic evaluation of sow longevity. Visiting Japanese producers. Cambridge, IA. June 2005.
40. **Stalder, K. J.** 2005. An overview of ISU sow longevity research. Pig Improvement Company research seminar, Franklin, KY. August 2005.
41. **Stalder, K. J.** 2005. An overview of ISU sow longevity research. Danbred USA research seminar, Columbus, NE. August 2005.
42. **Stalder, K. J.** 2005. Overview of ISU sow longevity research. U.S. Grains Council group from Taiwan. Ames, IA. October 2005.
43. **Stalder, K. J.** 2005. Risk factors influencing sow culling. National Pork Board's Professional Swine Managers Conferences, Dayton, OH, Clinton, NC, Guymon, OK, Marshall, MO, Lansing, MI, Springfield, IL, Cedar Rapids, IA, Mankato, MN, and Omaha, NE. November 2005.

44. **Stalder, K. J.** 2005. U.S. Pork Production. International Farmers Aid Association 2005 Midwest Farm Trainee Winter Short Course (Students from Brazil, Japan, and Korea). Ames, IA. December 2005.
45. **Stalder, K. J.** 2006. Sow longevity and its effects on production and economics. Kentucky Pork Producers Association Annual Convention, Owensboro, KY. January 2006.
46. **Stalder, K. J.** 2006. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. February 2006.
47. **Stalder, K. J.**, and L. Karriker. 2006. Better understanding of trim loss. Niman Ranch Pork Company Annual Winter Meeting, Ames, IA. March 2006.
48. **Stalder, K.**, and T. Serenius. 2006. Breeding objectives in the U.S.: Double your dollars. Pig Breeder's Symposium. FABA Breeding. Rantiasipi Eden, Nokia, Finland. March 2006.
49. Serenius, T., and **K. Stalder**. 2006. Prolific sow produces lots of pigs frequently. In: Pig Breeder's Symposium. FABA Breeding. Rantiasipi Eden, Nokia, Finland. March, 2006.
50. **Stalder, K.** 2006. Sow longevity and its effects on production and economics. Land O' Lakes Sales Training Seminar. Indianapolis, IN, Mason City, IA, and Sioux City, IA. April and May, 2006.
51. **Stalder, K.** 2006. Sow management in the U.S. Latin American pork producers' tour group. Ames, IA. June 2006.
52. **Stalder, K.**, and L. Karriker. 2006. Feeding cull sows: When is it a money making proposition? National Pork Board Pork Academy, Des Moines, IA. June 2006.
53. **Stalder, K. J.** 2006. Importance of body condition to sow performance and longevity. United States Livestock Genetic Export sponsored symposium. Ho Chi Minh City, and Hanoi, Vietnam. July 2006.
54. **Stalder, K. J.** 2006. Improving sow longevity in commercial sow herds. Faculty and students of the Associação Brasileira de Veterinários Especialistas em Suíno. Belo Horizonte, Brazil. August 2006.
55. Fitzgerald, R., **K. J. Stalder**, L. Karriker, M. Knauer, C. Johnson, T. J. Baas, L. Layman, and J. W. Mabry. 2006. Performance and Economic Evaluation of Feeding Cull Sows. A. D. Leman Swine Conference Pre-Conference Workshop, Minneapolis, MN. September 2006.
56. **Stalder, K. J.**, M. Knauer, L. Karriker, T. J. Baas, C. Johnson, T. Serenius, L. Layman, J. W. Mabry, and J. D. McKean. 2006. Characterization of Cull Sows Harvested In the U.S. A. D. Leman Swine Conference Pre-Conference Workshop, Minneapolis, MN. September 2006.
57. **Stalder, K.**, M. Knauer, T. Serenius, L. Karriker, M. Rothschild. B. Mote, J. McKean, T. Baas, and J. Mabry. 2006. Sow Longevity – What We Know. Iowa State University Disease Conference, Ames, IA. November 2006.
58. **Stalder, K. J.** 2006. U.S. Pork Production. International Farmers Aid Association 2006 Midwest Farm Trainee Winter Short Course (Students from Brazil, Japan, and Korea). Ames, IA. December 2006.
59. **Stalder, K. J.** 2007. The U.S. Pork Industry. Chareon Pokphand Agriculture Thailand Distance Education Training. Ames, IA. January 2007.
60. **Stalder, K. J.** 2007. Risk factors associated with high sow culling/replacement rate. Utah Pork Producers Association Convention, Provo, UT. January 2007.
61. **Stalder, K. J.**, P. J. Holden, and J. D. McKean. 2007. Iowa Master Pork Producer Tour. Iowa Pork Producers Association Convention, Des Moines, IA. January 2007.

62. **Stalder, K. J.** and L. Karriker. 2007. Evaluation of the accuracy of farm reported data used to make decisions for the breeding herd and grow-finish populations. Iowa Pork Producers Association Convention, Des Moines, IA. January 2007.
63. **Stalder, K. J.** 2007. The Pork Industry Gateway, Tennessee Pork Producers Association Convention, Murfreesboro, TN. January 2007.
64. **Stalder, K. J.** 2007. Factors influencing sow longevity. Iowa Veterinary Medical Association Winter Conference, Ames, IA. February 2007.
65. **Stalder, K. J.** 2007. Gilt selection for improved longevity and productivity. Iowa State University Advanced Swine Reproduction Seminar. South Sioux City, NE. March 2007.
66. **Stalder, K. J.**, L. V. Karriker, T. Serenius, and M. T. Knauer, 2007. Influencing length of productive life of the sow herd. American Association of Swine Veterinarians Annual Conference, Orlando, FL, March 2007.
67. **Stalder, K. J.** 2007. Sow longevity research and extension activities at Iowa State University. Danish Swine Advisors U.S. tour. Ames, IA, September 2007.
68. **Stalder, K. J.** 2007. Reducing disease introduction risks in commercial swine herds. Korean Animal Improvement Association Meeting. Daejon, Korea. September 2007.
69. **Stalder, K. J.** 2007. Swine testing and genetic evaluation. Korean Animal Improvement Association Meeting. Daejon, Korea. September 2007.
70. **Stalder, K. J.** 2007. Improving sow longevity and lifetime sow productive of commercial sow herds. International Livestock and Dairy Expo. Beijing, China. September 2007.
71. **Stalder, K. J.**, T. Serenius, M. T. Knauer, L. Karriker, and A. Johnson. 2007. Genetic influence on sow productive lifetime. Amer. Dairy Sci. Assoc. 13th Discover Conference. Brown County State Park, IN. September 2007.
72. **Stalder, K. J.**, T. Serenius, M. T. Knauer, L. Karriker, and A. Johnson. 2007. Evaluation of body condition and feet and leg soundness on sow productive lifetime. Amer. Dairy Sci. Assoc. 13th Discover Conference. Brown County State Park, IN. September 2007.
73. **Stalder, K. J.**, R. F. Fitzgerald, A. K. Johnson, L. A. Karriker, and D. Meisinger. 2007. A summary of the 13th Discover Conference on sow productive lifetime. National Swine Imprv. Fed. Conf. Ann. Mtg. Kansas City, MO. December 2007.
74. **Stalder, K. J.** 2008. Gilt development for enhanced lifetime sow productivity. Kentucky Pork Producers Conference, Bowling Green, KY. January 2008.
75. **Stalder, K. J.**, A. K. Johnson, and L. A. Karriker. 2008. Sow housing options for the future. Kentucky Pork Producers Conference, Bowling Green, KY. January 2008.
76. **Stalder, K. J.** 2008. Stalder Finnish fellowship. Iowa Feed and Nutrition Seminar Series, Ames, IA. January 2008.
77. **Stalder, K. J.** 2008. Monitoring and maintaining sow body condition. SowBridge distance educational programming for producers, Ames, IA. January 2008.
78. **Stalder, K. J.**, R. F. Fitzgerald, A. K. Johnson, L. A. Karriker, and D. Meisinger. 2008. A summary of the 13th Discover Conference on sow productive lifetime. National Pork Board's Swine Educators Conference. Kansas City, MO. January 2008.
79. **Stalder, K. J.**, R. F. Fitzgerald, M. T. Nikkilä, A. K. Johnson, L. A. Karriker, B. Mote, M. F. Rothschild, and T. V. Serenius. 2008. Sow productive lifetime research and outreach activities. National Junior Swine Association meeting seminars, Ames, IA. February 2008.
80. **Stalder, K.** Improving future production through today's selection. Niman Ranch Pork Producers Annual Meeting, Ames, IA. March 2008.

81. **Stalder, K. J.** 2008. Swine genetic demands for export markets. Finish Animal Breeding Association Annual Meeting, Celebrating 100 years of Finnish Breeding, Tempere, Finland. March 2008.
82. **Stalder, K.**, L. Karriker, and A. Johnson. 2008. Understanding sow longevity and mortality. American Association of Swine Practitioners Ann. Meeting, San Diego, CA. March 2008.
83. **Stalder, K.**, L. Karriker, A. Johnson, M. Rothschild, B. Mote, and T. Serenius. 2008. Sow longevity: Genetic and phenotypic selection considerations. Reproductive workshop at the 2008 American Association of Swine Practitioners Ann. Meeting, San Diego, CA. March 2008.
84. **Stalder, K. J.**, 2008. Sow longevity, what is known? Maschoff Pork Production Team meeting, Carlyle, IL. March 2008.
85. **Stalder, K. J.** 2008. Sow longevity: Genetic and phenotypic selection considerations. Alltech's Eastern European Pig School, Lexington, KY. April 2008.
86. **Stalder, K. J.** 2008. U. S. pork production. Alltech's Eastern European Pig School, Lexington, KY. April 2008.
87. **Stalder, K. J.**, W. J. Powers, J. L. Burkett, and J. L. Pierce. 2008 Reducing the environmental impact of livestock production through nutritional means. Alltech's Eastern European Pig School, Lexington, KY. April 2008.
88. **Stalder, K. J.**, R. C. Lacy, R. F. Fitzgerald, M. T. Nikkilä, A. K. Johnson, and L. A. Karriker. 2008. Early exit from the herd: Economic implications. Feet First Symposium, Zinpro Corp., Minneapolis, MN. April 2008. Available on CD-ROM.
89. **Stalder, K. J.**, R. C. Lacy, R. F. Fitzgerald, M. T. Nikkilä, A. K. Johnson, and L. A. Karriker. 2008. Implicações econômicas do descarte de porcas. Pork Expo, Curitiba, Brazil. October, 2008.
90. **Stalder, K. J.** 2008. Sow longevity research and extension activities at ISU. Chareon Pokphand Foods pork production management team, Bangkok, Thailand. October, 2008.
91. **Stalder, K. J.**, T. Serenius, M. Nikkilä, and R. F. Fitzgerald. 2008. Genetic evaluation of longevity traits. Record of 33rd Proc. National Swine Imprv. Fed. Conf. Ann. Mtg. Nashville, TN, December, 2008.
92. **Stalder, K. J.**, and J. W. Mabry. 2009. SowTracker©: Sow reproductive management software. National Pork Board's Swine Educators Conference. Bettendorf, IA. January 2009.
93. **Stalder, K. J.**, J. W. Mabry, and T. J. Baas. 2009. Heterosis and mating systems for Niman Ranch pork producers. Niman Ranch Field staff training. Ames, IA. January 2009. This presentation was then given by the Niman Ranch Field staff to over 25 annual meetings located across their production territory and representing over 500 producers.
94. **Stalder, K.**, L. Karriker, A. Johnson, and M. Nikkilä. 2009. Sire impacts on sow longevity in commercial breeding herds. Pre-Conference Seminar #10: Boar Studs: Disease updates and tools to reduce cost. Amer. Assoc. Swine Vet. Dallas, TX. January 2009.
95. **Stalder, K.** 2009. Improving Lifetime Sow Productivity of Commercial Sow Herds. FABA Breeding Annual Meeting. Rantasipi Eden, Nokia, Finland. March, 2009.
96. **Stalder, K.** 2009. Methods of objectively assessing lameness in breeding herd sows. American Association of Swine Veterinarian Lameness Short Course, Iowa State University, Ames, IA. June 2009.
97. **Stalder, K.**, L. Karriker, and A. Johnson. 2010. Sow management and maximizing longevity. Manitoba Swine Seminar. Winnipeg, Manitoba, Canada, February 3-4, 2010.

98. **Stalder, K.** 2010. Geriatric sows: Keep or Cull. SowBridge Producers Program. March 4, 2010.
99. Abell, C., G. Jones, and **K. Stalder**. 2010. Determining optimal maximum culling parity in commercial breeding sow herds. American Association of Swine Veterinarians Industry Partners Concurrent Session No. 4, American Association of Swine Veterinarians Annual Meeting, March 6-9, 2010, Omaha, NE.
100. **Stalder, K. J.** 2010. Valuing sow longevity. Intervet/Schering-Plough Animal Health swine reproduction focus group meeting. Hampton Inn Downtown, Chicago, IL. May 27th, 2010.
101. **Stalder, K. J.** 2010. Importance of parity structure in sow management programs. Iowa State University Swine Summer Short Course for the U.S. Grains Council to Vietnamese, Chinese, and Philippino pork producers. Ames, IA, June 14-18, 2010.
102. **Stalder, K. J.**, A. K. Johnson, and L. A. Karriker. 2010. Selection of gilts and biomechanics. Feet First Symposium, Zinpro Corp., Minneapolis, MN. August 2010. Available on CD-ROM.
103. **Stalder, K. J.** 2010. Using Proc Mixed and Proc Glimmix statistical methods. Houzhong Agricultural University, Wuhan China, December 2010.
104. **Stalder, K. J.** 2010. Gilt selection to improve lifetime performance. Houzhong Agricultural University, Wuhan China, December 2010.
105. **Stalder, K. J.** 2010. Sow longevity – what is known. Houzhong Agricultural University, Wuhan China, December 2010.
106. **Stalder, K. J.** 2010. Selection for novel economically important traits. Houzhong Agricultural University, Wuhan China, December 2010.
107. **Stalder, K. J.** 2011. Economic differentiation through lifetime production. 2011 Pig Improvement Symposium. Nashville, TN. May, 2011.
108. **Stalder, K. J.** 2012. Swine production scheduling. Iowa State University – South Dakota State University Summer Swine Short Course, Ames, IA, June 2012.
109. **Stalder, K. J.** 2011. Current sow productive lifetime understanding. Novus International technical update. St. Charles, MO. June 2011.
110. **Stalder, K. J.** 2011. Cooperative sow research on lameness and cull sow value. Utah Pork Producers Association annual meeting. Milford, UT. July 2011.
111. **Stalder, K. J.** 2011. Conformation and lameness in the breeding herd. Zinpro Producer Meeting, Lancaster, PA. August, 2011.
112. **Stalder, K. J.** 2011. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. September 2011.
113. **Stalder, K. J.** 2012. Sow longevity – What have we learned. National Pork Board Sow Longevity working group committee meeting. Des Moines, IA. January 2012.
114. **Stalder, K. J.** 2012. Impacts on sow longevity. Manitoba Swine Seminar. Winnipeg, Manitoba, Canada. February 2012.
115. Foxcroft, G., R. Kechum, S. Moehn, **K. Stalder**, and B. Tully. 2012. Sow Management Panel. Manitoba Swine Seminar. Winnipeg, Manitoba, Canada. February 2012.
116. **Stalder, K. J.**, C. E. Abell, R. F. Fitzgerald and H. Hendricks. 2012. Evaluation of the lean content and trim of cull sows at harvest. National Pork Board Unified Research Committee Meetings, Dallas, TX. February 2012.
117. **Stalder, K. J.** 2012. Factors influencing sow longevity. Swine Breeding and Management Workshop. Edmonton, Alberta, Canada. May 2012.

118. **Stalder, K. J.** 2012. Feet and leg soundness evaluation to improve longevity in breeding herd replacement females. Swine Breeding and Management Workshop. Edmonton, Alberta, Canada. May 2012.
119. **Stalder, K. J.** 2012. Gestation and farrowing crates and pens. In: Gestation Sow Housing Webinar hosted by the Federation of Animal Science Societies and the American Veterinary Medical Association. Ames, IA, May 2012.
120. **Stalder, K. J.** 2012. Swine production scheduling. Iowa State University – South Dakota State University Summer Swine Short Course, Ames, IA, June 2012.
121. **Stalder, K. J.** 2012. Feet and leg soundness evaluation to improve longevity in breeding herd replacement females. A. D. Leman Swine Conference. University of Alberta/University of Minnesota collaborative pre-conference session Productivity and Longevity of the Breeding Herd. Minneapolis, MN. September 2012.
122. **Stalder, K. J.** 2012. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. October 2012.
123. **Stalder, K. J.** 2012. Factors' contributing to sows remaining in the breeding herd for 3 or more parities. Murphy – Brown Research Team meeting, Warsaw, NC. November 2012.
124. **Stalder, K. J.** 2013. Adding value to cull sows. Iowa Veterinary Medical Association Annual Meeting. Altoona, IA. February 2013.
125. **Stalder, K. J.** 2013. Sow culling strategies and factors affecting sow longevity and lifetime performance. The Pork Group, LLC. (Tyson Foods) Springdale, AR. February 2013.
126. **Stalder, K. J.** 2013. Identifying limiting factors to grow – finish performance and profitability. The Pork Group, LLC. (Tyson Foods) Springdale, AR. February 2013.
127. **Stalder, K. J.** 2013. Group Sow Housing: Genetic Considerations. National Pork Board: In Group Sow Housing Webinar hosted by the National Pork Board. March 2013.
128. **Stalder, K. J.** 2013. Adding value to cull sows. SowBRIDGE seminar series. March, 2013.
129. **Stalder, K. J.**, J. Stock, C.E. Abell, V. Amin, and D. E. Wilson, 2013. Using digital images to improve sow longevity. British Pig Breeders Roundtable, Canterbury, UK April, 2013.
130. **Stalder, K. J.** 2013. Pork Industry Productivity Analysis Webinar to Agristats Customers., May, 2013.
131. C. E. Abell, C. Hostetler, and **Stalder, K. J.** 2013. Pork Industry Productivity Analysis. World Pork Expo, June, 2013.
132. **Stalder, K. J.** 2013. Modern swine genetics and expected performance. Vietnamese government and producer group sponsored by USDA. Ames, IA August, 2013.
133. **Stalder, K. J.** 2013. Pork Industry Productivity Analysis. National Pork Board Swine Educators Conference, Atlanta, GA, Oct., 2013.
133. Welch, M. J. Stinn, C. Abell, J. Stock, H. Xin, and **K. Stalder**. 2013. Conformation and static space trends of sows and gilts in gestation. Department of Animal Science Undergraduate Poster Competition, Iowa State University, Ames, IA.
134. **Stalder, K. J.** 2013. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. October 2013.
135. Brommell, A., M. D. Pairis-Garcia, A. K. Johnson, J. L. Bates, M. L. Stack, L. A. Barth, **K. J. Stalder**, and L. A. Karriker. 2013. Technique for short-term intravascular ear catheter placement in mature swine. Iowa State University Science with Practice Presentations.
136. Lawrence, J., J. Stock, J. Calderón Díaz, and **K. Stalder**. 2014. Change in Body Dimensions in Grow-Finish Pigs from 7 Weeks to 23 Weeks of Age. Department of Animal Science Undergraduate Poster Competition, Iowa State University, Ames, IA.

137. Valentine, M., J. Calderón Díaz, J. Stock, and **K. Stalder**. 2014. Pictorial depiction of the lying-down behavior of lame and non-lame multiparous gestating sows. Department of Animal Science Undergraduate Poster Competition, Iowa State University, Ames, IA
139. **Stalder, K. J.** 2014. Pork Industry Productivity Analysis Webinar to Agristats Customers. May, 2014.
140. **Stalder, K. J.** 2014. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. May 2014.
141. Stock, J., C. E. Abell, C. Hostetler, and **K. J. Stalder**. 2014. Pork Industry Productivity Analysis. World Pork Expo, June 2014.
142. **Stalder, K. J.** 2014. Sow longevity and economic consequences of early exit. Norsvin Seminar: Robust pigs for the future. Norwegian University of Life Science, Sept. 2014.
143. **Stalder, K. J.** 2015. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. November 2015.
144. **Stalder, K. J.** D. Stock and C. E. Abell. 2015. Evaluation of the 2015 U.S. Pork Industry Productivity Analysis. U.S. Grains Council Short Course. Iowa State University. June, 2015.
145. **Stalder, K. J.** and J. Stock. 2015. Pork Industry Productivity Analysis Webinar to Agristats Customers. May, 2015.
146. **Stalder, K. J.** 2015. U.S. Swine Industry and current topics in the U.S. Swine Industry. Chefs from China, Taiwan, and ASEAN region sponsored by U.S. Meat Export Federation, Iowa State University, Ames, IA. September 11, 2015.
147. **Stalder, K. J.** 2015. Benchmarking: The basic numbers to examine. Pre-conference symposium. Allen D. Lemman Swine Conference, Sept. 2015, Minneapolis, MN
148. **Stalder, K. J.** 2015. Importance of swine to Iowa agriculture. Japanese, Brazilian and South Korean IFFA interns at Iowa State University, Gold Room Memorial Union, December 2015.
149. **Stalder, K. J.** and J. Stock. 2016. Pork Industry Productivity Analysis Webinar to Agristats Customers. May, 2016.
150. **Stalder, K. J.** 2016. Pork carcass lean value pricing. National Pork Board Pork 101 Conference. Iowa State University, Ames, IA. November 2016.
151. **Stalder, K. J.** and J. Stock. 2016. Benchmarking US Swine Productivity. Land O' Lakes / Purina Feed Technical Seminar, Ames Iowa, Nov. 2016
152. **Stalder, K. J.** and J. Stock. 2016. Benchmarking US Swine Productivity. Standard Nutrition Technical Seminar, Omaha Iowa, Nov. 2016
153. **Stalder, K. J.** U. S. Swine Industry Update 2016. Touring Japanese group Hosted by Swine Genetics International, Ames. IA. November 2016.
154. **Stalder, K. J.** and J. Stock. 2017. Pork Industry Productivity Analysis Webinar to Agristats Customers. May 2017.
155. **Stalder, K. J.** 2017. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. October 2017.
156. **Stalder, K. J.** 2017. Dealing with success in genetic improvement. VIII Congress of the Grupo de Intercambio Tecnológico de Explotaciones Porcinas. Rosario, Argentina, October 2017.
157. **Stalder, K. J.** 2017. Sow and Gilt Culling. Pre-Conference Workshop with the VIII Congress of the Grupo de Intercambio Tecnológico de Explotaciones Porcinas. Rosario, Argentina, October 2017.

158. **Stalder, K. J.** 2017. Genetic aspects of sow longevity. Yongxin Farms Conference, Guangxi Yongxin Farms, Nanning City, China, November 2017.
159. **Stalder, K. J.** 2017. Right sizing multiplication and nucleus for your commercial operation. Yongxin Farms Conference, Guangxi Yongxin Farms, Nanning City, China, November 2017.
160. **Stalder, K. J.** 2017. Right sizing multiplication and nucleus for your commercial operation. Yongxin Farms Conference, Guangxi Yongxin Farms, Nanning City, China, November 2017.
161. **Stalder, K. J.** 2017. Right sizing multiplication and nucleus for your commercial operation. Future Leaders of Youn Veterinarians (FLY-V Seminars). Zengzhou City, China, November 2017.
162. **Stalder, K. J.** 2017. Right sizing multiplication and nucleus for your commercial operation. Future Leaders of Youn Veterinarians (FLY-V Seminars). Zengzhou City, China, November 2017.
163. **Stalder, K. J.** 2017. Gilt and sow culling. Future Leaders of Youn Veterinarians (FLY-V Seminars). Zengzhou City, China, November 2017.
164. **Stalder, K. J.** 2017. Modern swine genetic improvement. Future Leaders of Youn Veterinarians (FLY-V Seminars). Zengzhou City, China, November 2017.
165. **Stalder, K. J.** 2017. U. S. Industry Productivity Analysis. Leaders of Youn Veterinarians (FLY-V Seminars). Zengzhou City, China, November 2017.
166. **Stalder, K. J.** 2017. Sow and gilt culling guidelines for the Murphy-Brown commercial production system. Smithfield Foods Pork Production Executive team and to the Smithfield Foods commercial pork division. Murphy –Brown Production Headquarters, Rose Hill, NC. December 2017.
167. **Stalder, K. J.** and J. D. Stock. 2018. Update on objective evaluation of feet and leg soundness females at multiple times throughout their productive lifetime. National Pork Board Animal Science research committee update, Des Moines, IA. March, 2018.
168. Tafs, M. M. Turley, and **Stalder, K. J.** 2018. Gilt selection pod-cast sponsored by Pig Improvement Company. Truffle Media Networks, LLC. Petersberg Parkway, Indianapolis, IN. May, 2018.
169. **Stalder, K. J.**, C. E. Abell, J. D. Stock, C. Supakorn, L. A. Karriker, A. K. Johnson, S. Millman. 2018. Gilt retention and lifetime productivity. Smithfield Midwest regional quarterly meeting, National Pork Board Office, Clive, IA. June, 2018.
170. **Stalder, K. J.** 2018. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. October 2018.
171. **Stalder, K. J.** 2018. U.S. Pork Production. International Farmers Aid Association 2004 Midwest Farm Trainee Winter Short Course (Students from primarily from Latin America). December 2018.
172. **Stalder, K. J.** 2019. Hidden challenges to moving to group sow housing gestations systems. Tyson Sow Housing Seminar. Des Moines, IA. January 2019.
173. **Stalder, K. J.** 2019. Keys to gilt retention and sow longevity. Smithfield Western regional meetings, Cedar City, Utah, February 2019.
174. **Stalder, K. J.** 2019. Modern U.S. pork production. South American pork producer group visiting Iowa State University Department of Animal Science and Meat Lab to discuss swine production facing South American producers. Ames, IA, June 2019.

175. **Stalder, K. J.** 2019. Challenges to group sow housing. Global Swine Producers (Japan) producer group that stopped at Iowa State University to discuss swine production facing Japanese producers. Ames, IA, June 2019.
176. **Stalder, K. J.** 2019. Pork carcass lean value pricing. National Pork Board Pork 101 conference. Iowa State University, Ames, IA. October 2019.
177. **Stalder, K. J.** 2020. Adding value to cull sows. SowBridge Seminar. July 1, 2020.
178. **Stalder, K. J.** 2020. The genetics of sow longevity. American Society of Animal Science Invited talk (webinar) in the Animal Breeding and Genetics section as the 2020 Rockefeller Prentice Memorial Award in Animal Breeding and Genetics. July 20, 2020.
179. **Stalder, K. J.** 2020. Improving Gilt Selection and the Impact of 25-OH D3 on Sows and Progeny. A Feedstuffs Exclusive Webinar, July 28, 2020
180. **Stalder, K. J.** 2020. Gilt conformation to improve sow retention. DSM Asia Webinar, August 28, 2020.
181. Christianson, M., and **K. J. Stalder**. 2020. Effect of genetic line and parity on colostrum content differences on a commercial swine farm. 2020 Leman Conference, Pre-conference seminars. University of Minnesota, September, 2020.
182. **Stalder, K. J.**, 2021. Basic genetics for your pork production system. Swine Reproductive Seminar (SRS). Webinar No. 12. Virtual meeting to Chinese Pork Producers. University of Minnesota China Center. July 29, 2021.
183. **Stalder, K. J.** 2021. Session moderator. Visions Conference: Star gazing into the galaxy of animal genetics and genomics. Iowa State University, Gateway Conference Center, November 3rd & 4th, 2021.

STATE AND LOCAL SEMINARS

1. **Stalder, K. J.** 1995. Effects of porcine stress syndrome genotype on sow productivity. Mid-South Pork Expo, Jackson, TN. August 1995.
2. **Stalder, K. J.** 1995. Management effects on pork quality. Mid-South Pork Expo, Jackson, TN. August 1995.
3. **Stalder, K. J.** 1996. Breeding programs and ultrasonic demonstration. Hickman County Swine Field Day, Centerville, TN. September 1996.
4. **Stalder, K. J.** 1996. Market hog ultrasound and cutability demonstration. Bryan Foods, Eads, TN. April 1996.
5. **Stalder, K. J.** 1996. Summary of the national genetic evaluation. Cannon County Producer Meeting, Woodbury, TN. January 1996.
6. **Stalder, K. J.** 1997. Challenges and opportunities in the 90s. Pork Industry Group Coordinator, Jackson, TN. February 1997.
7. **Stalder, K. J.** 1998. Pork quality assurance. University of Tennessee Western District meeting, Paris, TN. December 1998.
8. **Stalder, K. J.** 1998. Pork quality assurance. Tennessee Pork Producers Association producer meeting, Martin, TN. August 1998.
9. **Stalder, K. J.** 1998. Pork quality assurance. Tennessee Pork Producers Association producer meeting, Nashville, TN. August 1998.
10. **Stalder, K. J.** 1998. Sow longevity. Tennessee farmers cooperative producer meeting, Savannah, TN. April 1998.
11. **Stalder, K. J.** 1998. Tennessee and U.S. Pork industry. Henry County Leadership Meeting, Henry, TN. March 1998.

12. **Stalder, K. J.** 1998. Henderson County producer round table discussion. Lexington, TN. January 1998.
13. **Stalder, K. J.** 1999. Pork quality assurance. Tennessee Pork Producers Association producer meeting, Jackson, TN. January 1999.
14. **Stalder, K. J.** 2000. Sow longevity - Its economic and production importance. Tyson Foods, the Pork Group, Rogers, AR. May 2000.
15. **Stalder, K. J.** 2000. Value of pork production to Tennessee. Henry County Leadership Program. Henry, TN. March 2000.
16. **Stalder, K. J.** 2001. Ultrasound applications, Milan No-Till Field Day. University of Tennessee Experiment Station, Milan, TN. July 2001.
17. **Stalder, K. J.** 2002. High-rise hog buildings. Tosh Farms contract grower recruitment meeting, Jackson, TN. February 2002.
18. **Stalder, K. J.** 2002. High-rise hog buildings. Gold Kist Pork and Tennessee Department of Agriculture meeting, Pickwick Landing State Park, Savannah, TN. January 2002.
19. **Stalder, K. J.** 2003. Changes in U.S. agriculture. Humbolt Lions Club, Humbolt, TN. January 2003.
20. **Stalder, K. J.** 2003. Swine welfare assurance program training. Presented at three different training sessions, Iowa State University, Ames, IA. August 2003.
21. **Stalder, K. J.** 2003. Importance of sow longevity. Mobley Group Program, Iowa State University, Ames, IA. September 2003.
22. **Stalder, K. J.** 2004. Focus on the sow: Lactation length. Iowa State University Extension Stockmanship Series, Iowa Communications Network, Iowa State University, Ames, IA. March 2004.
23. **Stalder, K. J.** 2004. Factors affecting and improvement of sow longevity. Iowa Pork Producers Association regional conference, Carroll, IA. February 2004.
24. **Stalder, K. J.** 2004. Factors affecting and improvement of sow longevity. Iowa Pork Producers Association regional conference, Oelwein, IA. February 2004.
25. **Stalder, K. J.** 2004. Factors affecting and improvement of sow longevity. Iowa Pork Producers Association regional conference, Iowa City, IA. February 2004.
26. **Stalder, K. J.** 2004. Factors affecting and improvement of sow longevity. Iowa Pork Producers Association regional conference, Cherokee, IA. February 2004.
27. **Stalder, K. J.** 2004. Factors affecting and improvement of sow longevity. Iowa Pork Producers Association regional conference, Carroll, IA. February 2004.
28. **Stalder, K. J.** 2004. Niche marketing pork in the U.S. Kossuth County Pork Group, Iowa State University, Ames, IA. January 2004.
29. **Stalder, K. J.** 2005. Risk factors influencing sow culling rates. Mobley Group Seminar. Holstein, IA. December 2005.
30. **Stalder, K. J.**, and L. Karriker. 2006. Sow Longevity Calculator and Sow/Gilt Structure Using Visual Appraisal. Southeast Iowa Reproduction Workshop. Iowa City, IA. December 2006.
31. **Stalder, K. J.** 2006. Applied research update. Mobley Group Program, Iowa State University, Ames, IA. September 2006.
32. **Stalder, K. J.** 2006. Gilt and boar selection. Niman Ranch Producers, Hampton, IA. September 2006.
33. **Stalder, K. J.** 2006. Economic importance and production factors influencing sow longevity. Advanced Breeding Herd Workshop, Waverly, IA. March 2006.

34. **Stalder, K.**, M. Knauer, T. Serenius, L. Karriker, B. Mote, J. McKean, T. Baas, and J. Mabry. 2006. Sow Longevity – What We Know. Proc. Fourteenth Annual Swine Disease Conference for Practitioners. Iowa State University, Ames, IA. November, 2006
35. **Stalder, K. J.** 2007. Sow longevity issues – What is known? Danbred North America Genetic Advisory Committee meeting. Des Moines, IA. March 2007.
36. **Stalder, K. J.** 2007. Risk factors associated with high sow culling / removal rates. Nebraska Pork Partners Technical Meeting. Grand Island, NE. March 2007.
37. **Stalder, K. J.** 2008. Sow housing options for the future. Hubbard Feeds Inc. producer meeting. Western Iowa Technical Community College, Cherokee, IA. January 2008.
38. Nikkilae, M., **K. Stalder**, B. Mote, J. Lampe, B. Thorn, M. Rothschild, A. Johnson, L. Karriker, and T. Serenius. 2008. Genetic correlations between body composition and structural soundness traits in crossbred gilts. Iowa Feed and Nutrition Seminar, Ames, IA, USA. April, 2008.
39. Nikkilae, M., **K. Stalder**, B. Mote, J. Lampe, B. Thorn, M. Rothschild, A. Johnson, L. Karriker, and T. Serenius. 2008. Associations of body composition, structural soundness reproduction, and longevity traits in commercial sows. Iowa State-Wisconsin Encounter, Ames, IA, USA. April, 2008.
40. **Stalder, K. J.** and J. W. Mabry. 2009. Sow Tracker© sow reproductive management software. Iowa Pork Congress, Des Moines, IA. January 2009.
41. **Stalder, K. J.** 2011. Moderator for the Expert Panel for “Taming the Beast: Talking PRRSV. Iowa Pork Congress Seminar. Iowa Pork Producers Association, Des Moines, IA. January 2011.
42. **Stalder, K. J.**, A. E. Christian, and E. Forkner. 2011. Overcoming challenges in pork production for trait specific markets with purebred Berkshire hogs. Eden Farms Annual Meeting, Marshalltown, IA. April 2011.
43. **Stalder, K. J.** 2011. Economic aspects of improved sow lifetime productive lifetime. Iowa Select Farms field staff training, Iowa Falls, IA. May 2011.
44. **Stalder, K. J.**, C. E. Abell, L. A. Karriker, A. K. Johnson, and S. Millman, 2011. Sow longevity-How to measure its importance. Proc. 19th Annual Swine Disease Conference for Swine Practitioners. Iowa State University, Ames, IA. November 2011.
45. **Stalder, K. J.** 2012. Moderator for the Production Panel for “Building Your Value Added Market. Iowa Pork Congress Seminar. Iowa Pork Producers Association, Des Moines, IA. January 2012.
46. **Stalder, K. J.** 2013. Moderator for the “Group Sow Housing Panel Discussion”. Iowa Pork Congress Seminar. Iowa Pork Producers Association, Des Moines, IA. January 2013.
47. **Stalder, K. J.** 2013. Using databases to teach animal production management. Iowa State University Department of Animal Science External Advisory Board meeting, Ames, IA. February, 2013.
48. **Stalder, K. J.** 2013. Pork Industry Productivity Analysis. German Producer visit to Iowa State University, Ames, IA July, 2013
49. **Stalder, K. J.** 2013. Pork Industry Productivity Analysis. German Producer visit to Iowa State University, Ames, IA July, 2013
50. **Stalder, K. J.**, C. E. Abell, J. D. Stock, L. A. Karriker, A. K. Johnson, and S. Millman. 2013. Gilt retention and lifetime productivity. Murphy – Brown Western Operations Sow Summit, Kansas City, MO, August 2013.

51. Stock, J., C. E. Abell, C. Hostetler, and **K. J. Stalder**. 2014. The informed producer: The future of database benchmarking. Iowa Swine Day, Ames, IA June 2014.
52. **Stalder, K. J.** 2014. Stalder research and extension activities. Ukranian USAID delegation. Hansen Student Agricultural Center, November 2014.
53. **Rademacher, C., and K. J. Stalder.** 2016. National Pork Board Pork Quality Assurance Training. Orange City IA, May 2016.

UNIVERSITY FACULTY AND STUDENT SEMINARS

1. **Stalder, K. J.** 1995. Aspiring and attaining the goals you set in life. Western Kentucky University Block and Bridle initiation banquet key note address, Bowling Green, KY. September 1995.
2. **Stalder, K. J.** 1995. Porcine stress syndrome - Its effects on feedlot performance, carcass quantity and quality, and reproductive performance, Western Kentucky University Faculty Seminar, Bowling Green, KY. September 1995.
3. **Stalder, K. J.** 1997. Genetic factors influencing pork quality, The University of Tennessee Veterinary Medicine Swine Clinical Students, Knoxville, TN. October 1997.
4. **Stalder, K. J.** 1998. The value of sow longevity, The University of Tennessee Animal Science Seminar, Knoxville, TN. November 1998.
5. **Stalder, K. J.** 1998. Genetic and environmental influence on pork quality, The University of Tennessee Veterinary Medicine Swine Clinical Students, Knoxville, TN. October 1998.
6. **Stalder, K. J.** 2000. Calculating the importance of sow longevity, Western Kentucky University Swine Production Class, Bowling Green, KY. September 2000.
7. **Stalder, K. J.** 2000. Integrating animal science and Ag economics - real world examples, Western Kentucky University Undergraduate Animal Science and Ag Economics Seminar Series, Bowling Green, KY. September 2000.
8. **Stalder, K. J.** 2000. Career development and job opportunities, Western Kentucky University Freshman Orientation Class, Bowling Green, KY. September 2000.
9. **Stalder, K. J.** 2000. Niche marketing, Western Kentucky University Undergraduate Marketing Class, Bowling Green, KY. September 2000.
10. **Stalder, K. J.** 2000. Mating systems and molecular genetics, The University of Tennessee Undergraduate Genetics Class, Knoxville, TN. November 2000.
11. **Stalder, K. J.** 2001. Ultrasonic techniques utilized by the swine industry, The University of Tennessee Undergraduate Animal Production Class, Knoxville, TN. October 2001.
12. **Stalder, K. J.** 2001. Niche marketing, The University of Tennessee – Martin Undergraduate Swine Production Class, Martin, TN. April 2001.
13. **Stalder, K. J.** 2003. Use of real time ultrasound in the swine industry, Western Kentucky University Introductory to Animal Science Class, Bowling Green, KY. April 2003.
14. **Stalder, K. J.** 2004. Sow longevity – A research and extension program, Animal Science Department Seminar, Iowa State University, Ames, IA. March 2004.
15. **Stalder, K. J.**, and L. A. Karriker. 2005. Pork production and applied / field research trials. Committee on animal care. Iowa State University, Ames, IA. November 2005.
16. **Stalder, K. J.** 2005. Sow longevity. Iowa State University veterinary students in the swine rotation. Ames, IA. March 2005.
17. **Stalder, K. J.** 2006. Factors influencing sow longevity. Veterinary Diagnostic and Production Animal Medicine SPIKE program student presentation. Audubon Manning Veterinary Clinic, Audubon, IA. May 2006.

18. **Stalder, K. J.** 2007. Iowa Pork Industry Center. Animal Science 501 – Graduate Animal Science Seminar. Iowa State University, Ames, IA. November 2007.
19. **Stalder, K. J.** 2007. Genetics and Behavior. Animal Science 336 – Domestic Animal Behavior and Well Being. Iowa State University, Ames, IA. September 2007.
20. **Stalder, K. J.** 2007. 13th Discover conference – Sow productive lifetime. Animal Science Pork Fellows Program. Iowa State University, Ames, IA. September 2007.
21. **Stalder, K. J.** 2007. The U. S. Swine Industry. Animal Science 518 – Advanced Non-Ruminant Nutrition. Iowa State University, Ames, IA. February 2007.
22. **Stalder, K. J.** 2008. Iowa Pork Industry Center. Animal Science 501 – Graduate Animal Science Seminar. Iowa State University, Ames, IA. September 2008.
23. **Stalder, K. J.** 2008. Genetics and Behavior. Animal Science 336 – Domestic Animal Behavior and Well Being. Iowa State University, Ames, IA. September 2008.
24. **Stalder, K. J.** 2009. Lameness in domestic animals. Animal Science 537c – Topics in Farm Animal Environmental Physiology, Behavior Stress and Welfare. Iowa State University, Ames, IA. April 2009.
25. **Stalder, K. J.** 2009. Sow longevity and its economic importance. Swine Fellows. Iowa State University, Ames, IA. September 2009.
26. **Stalder, K. J.** 2009. Gilt selection for sow longevity. Animal Science 225. Swine Production. Iowa State University, Ames, IA. October 2009.
27. **Stalder, K. J.** 2009. Genetics and Behavior. Animal Science 336 – Domestic Animal Behavior and Well Being. Iowa State University, Ames, IA. December, 2009.
28. **Stalder, K. J.** 2010. Future of swine extension. Iowa State University Think Tank Discussion Group. February 22, 2010.
29. **Stalder, K. J.** 2010. Genetics and Behavior. Animal Science 336 – Domestic Animal Behavior and Well Being. Iowa State University, Ames, IA. October, 2009.
30. **Stalder, K. J.** 2010. Iowa Pork Industry Center. Animal Science 501 – Graduate Animal Science Seminar. Iowa State University, Ames, IA. September 2010.
31. **Stalder, K. J.** 2011. Use of budgets in the modern swine industry. Economics 333. Iowa State University, Ames, IA. September, 2011.
32. **Stalder, K. J.** 2011. Sow longevity and associated research at Iowa State University. Swine Fellows. Iowa State University, Ames, IA. November 2011.
33. **Stalder, K. J.** 2011. Use of budgets in the modern swine industry. Economics 333. Iowa State University, Ames, IA. August, 2012.
34. **Stalder, K. J.** 2011. Use of budgets in the modern swine industry. Economics 333. Iowa State University, Ames, IA. August, 2013. (35 students)
35. **Stalder, K. J.** 2017. Hosted showing of “Food Evolution” and Q& A session with one of the shows participants, Dr. Alison Van Eenennaam from Univ. California Davis, at the Memorial Union at Iowa State University. Approx. 2350 people attended.
36. **Stalder, K. J.** 2020. Genetics of Sow Longevity. Iowa State University Animal Breeding and Genetics seminar series. October, 2020.
37. **Stalder, K. J.**, 2020. Successful Collaborations in PASE. Setting the Stage for ISU to Tackle the Biggest Challenges in Livestock with PASE. Iowa State University, December, 2020 (47 attendees)
38. **Stalder, K. J.** 2021. Stalder Research and Extension Activities. Animal Breeding and Genetics Seminar. Iowa State University. Ames, IA. April 16, 2021.

39. **Stalder, K. J.** 2021. Precision Animal Sciences – Stalder Group. CALS Building Community: Digital / Precision Agriculture Research Seminar Series. Spring Semester 2021. Virtual Seminar Series. College of Agriculture, Iowa State University, Ames, IA. April 16, 2021.
40. **Stalder, K. J.** 2021. Initiation and Awards Program Emcee (Virtual Meeting). Iowa State University Chapter of Sigma Xi: The Scientific Research Society. April 29, 2021

EXTENSION SERVICE ACTIVITIES

1. **Stalder, K. J.** and C. E. Abell. 2012. Large data set analysis examining factors affecting grow-finish performance. The Pork Group, Tyson Foods, Fall 2012.
2. **Stalder, K. J.** and C. E. Abell. 2013. Large data set analysis to determine factors affecting sow culling and retention. Murphy – Brown LLC. January – August 2013.
3. **Stalder, K. J.** and C. E. Abell 2013. Large data set analysis to examine profit factors. Agristats. Spring 2013.
4. Supakorn, C., J. Stock, and **K. J. Stalder.** 2017. Large data set analysis to examine farm factors contributing to sow prolapse. Smithfield Premium Genetics. Summer 2017.
5. Supakorn, C., J. Stock, and **K. J. Stalder.** 2017. Large data set analysis to examine factors contributing to sow prolapse at the individual sow basis. Smithfield Premium Genetics. Summer 2017.
6. Supakorn, C., J. Stock, and **K. J. Stalder.** 2017. Large data set analysis to examine factors contributing to sow prolapse at the individual sow basis. Cactus Farms Summer 2017.

EXTENSION TRAINING ACTIVITIES: IN-SERVICE TRAINING SESSIONS

1. **Stalder, K. J.** 1995. National genetic evaluation results. District I, Level III, Swine In-service. Jackson, TN. October 13, 1995.
2. **Stalder, K. J.** 1995. National genetic evaluation results. District II, Level III, Swine In-service. Nashville, TN. October 12, 1995.
3. **Stalder, K. J.** 1996. Pork quality. District I, Level III, Veterinary Medicine In-service. Jackson, TN. October 17, 1996.
4. **Stalder, K. J.** 1996. 21st century swine production - Trends and new technologies for success. District I, Level III Swine In-service. Nashville, TN. October 9, 1996.
5. **Stalder, K. J.** 1996. 21st century swine production - Trends and new technologies for success. District II, Level III, Swine In-service. Nashville, TN. October 8, 1996.
6. **Stalder, K. J.** 1997. Controlling pork quality - Pork producer influences. District I, Level III, Swine In-service. Jackson, TN. October 21, 1997.
7. McKean, J., T. J. Baas, and **K. J. Stalder.** 2003. Swine welfare assurance workshop. Livestock Field Specialists In-service. Ames, IA. November 5, 2003.
8. **Stalder, K. J.** 2004. Iowa Feed and Nutrition Seminar Series. Iowa State University Animal Science and Health Research Update. Ames, IA. April 2004.
9. **K. J. Stalder,** and G. Dahlke. 2004. The new budget and cash-flow spreadsheet. Livestock Field Specialists In-service. Ames, IA. October 27, 2004.
10. Dahlke, G., and **K. J. Stalder.** 2004. Sow longevity and manure value spreadsheet use. Livestock Field Specialists In-service. Ames, IA. April 6, 2004.
11. **Stalder, K. J.** 2005. Development of a user-friendly database and decision tree for selecting air quality BMPs. Iowa State University Swine Field Specialist In-service training. Ames, IA. April 2005.

12. **Stalder, K. J.** 2005. Iowa Feed and Nutrition Seminar Series. Iowa State University Animal Science and Health Research Update. Ames, IA. April 2005.
13. **Stalder, K. J.** 2005. Pork information gateway: Update on the National Pork Board educational activity. Swine Field Specialist In-service, Ames, IA. April 14, 2005.
14. **Stalder, K. J.** 2006. Iowa Feed and Nutrition Seminar Series. Iowa State University Animal Science and Health Research Update. Ames, IA. April 2006.
15. **Stalder, K. J.** 2007. Longevity research and extension programs. Iowa State University Swine Field Specialist In-service training. Ames, IA. March 2007.
16. **Stalder, K. J.** 2007. Iowa Feed and Nutrition Seminar Series. Iowa State University Animal Science and Health Research Update. Ames, IA. April 2007.
17. **Stalder, K. J.** 2008. Iowa Feed and Nutrition Seminar Series. Iowa State University Animal Science and Health Research Update. Ames, IA. April 2008.
18. **Stalder, K. J.** and A. K. Johnson. 2008. Update on the National Pork Board Sow Housing research and outreach activities. Ames, IA. October 2008.
19. McKean, J. D., and **K. J. Stalder**. 2009. Pork Quality Assurance Plus training. Iowa State University. Ames, IA. January, 2009
20. **Stalder, K. J.** 2009. Feed particle size measurement. 2009. Swine Field Specialist In-service, Ames, IA. April 8, 2009.
21. **Stalder, K. J.** 2010. Iowa Feed and Nutrition Seminar Series. Iowa State University Animal Science and Health Research Update. Ames, IA. April 2010.
22. **Stalder, K. J. and R. Thaler.** 2010. U.S. Grains Council's Summer Swine Short Course. International Swine Management Training (Attendees from China, the Philippines, and Vietnam) Iowa State University, Ames, IA. June 2010.
23. **Stalder, K. J.** 2011. Successful delivery methods for Extension educators: The SowBridge and PorkBridge models. Iowa State University Agricultural and Natural Resources annual training. Iowa State University, Ames, IA. March 2011.
24. **Stalder, K. J.** 2011. Iowa Feed and Nutrition Seminar Series. Iowa State University Animal Science and Health Research Update. Ames, IA. April 2011.
25. **Stalder, K. J. and R. Thaler.** 2011. U.S. Grains Council's Summer Swine Short Course. International Swine Management Training (Attendees from China and Vietnam) Iowa State University, Ames, IA. June 2011.
26. **Stalder, K. J. and R. Thaler.** 2012. U.S. Grains Council's Summer Swine Short Course. International Swine Management Training (Attendees from China) Iowa State University, Ames, IA. June 2012.
27. **Stalder, K. J.** 2013. U.S. Grains Council's Summer Swine Short Course. International Swine Management Training (Attendees from China) Iowa State University, Ames, IA. June 2013.
28. **Stalder, K. J.** 2014. U.S. Grains Council's Summer Swine Short Course. International Swine Management Training (Attendees from China) Iowa State University, Ames, IA. May 2014.
29. **Stalder, K. J.** 2015. Hormel Foods Marketing Personell Training. Modern Swine Production Seminar. Iowa State University Ames, IA. April 2015.
30. **Stalder, K. J.** 2015. Summer Swine Short Course. International Swine Management Training (Attendees from China) Sponsored by New Hope Feeds China Iowa State University, Ames, IA. June 2015.

31. **Stalder, K.** 2016. Hormel Foods Marketing Personell Training. Modern Swine Production Seminar. Iowa State University Ames, IA. April 2016.
32. **Stalder, K.** 2017. Hormel Foods Marketing Personell Training. Modern Swine Production Seminar. Iowa State University Ames, IA. April 2017.
33. **Stalder, K.** 2017. Johnsonville LLC. Executive Team Training. Modern Swine Production Seminar. Sheboygan Falls, WI. November 2017.
34. **Stalder, K.** 2018. Hormel Foods Marketing Personell Training. Modern Swine Production Seminar. Iowa State University Ames, IA. April 2018.
35. **Stalder, K.** 2019. Hormel Foods Marketing Personell Training. Modern Swine Production Seminar. Iowa State University Ames, IA. April 2019.
36. **Stalder, K.** 2021. Hormel Foods Marketing Personell Training. Modern Swine Production Seminar. Virtual Seminar Hosted by Hormel Foods, Inc. Austin, MN May 2021.

EXTENSION TRAINING ACTIVITIES: PROGRAMS COORDINATED

1. Coordinated a producer-training program, "Finishing Phase Nutrition," Coordinator of State Wide Tennessee Pork Industry Group, Jackson, TN, October 1996.
2. Coordinated a producer-training program, "Odor Control," National Pork Producers Council satellite downlink, Jackson, TN, March 1996.
3. Coordinated a producer-training program, "Financial Management," National Pork Producers Council satellite downlink, Jackson, TN, February 1996.
4. Coordinated a producer training program, "Challenges and Opportunities in the 90s," Pork Industry Group Coordinator, Jackson, TN, February 1997.
5. Coordinated a producer training program, "On-farm Odor/Environmental Assistance Program," National Pork Producers Council satellite downlink meeting, Jackson, TN, February, 1998.
6. Coordinated the National Swine Improvement Federation Annual Conference and Meeting, Nashville, TN, December 2000.
7. Coordinated the National Swine Improvement Federation Annual Conference and Meeting, St. Louis, MO, December 2001.
8. Coordinated the National Swine Improvement Federation Annual Conference and Meeting, Nashville, TN, December 2002.
9. Coordinated the National Swine Improvement Federation Annual Conference and Meeting, Des Moines, IA, December 2003.
10. Coordinated the National Swine Improvement Federation Annual Conference and Meeting, Des Moines, IA, December 2004.
11. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2004.
12. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2004.
13. Coordinated the National Swine Improvement Federation Annual Conference and Meeting, Des Moines, IA, December 2005.
14. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2005.
15. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2005.

16. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2006.
17. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2006.
18. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2007.
19. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2007.
20. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2008.
21. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2008.
22. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2009.
23. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2009.
24. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2010.
25. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2010.
26. Co-ordinated the National Swine Improvement Federation Annual Conference and Meeting, Des Moines, IA, December 2010.
27. Coordinated the Iowa Feed and Nutrition Seminar series winter meetings, Des Moines, IA, January 2011.
28. Coordinated the Iowa Feed and Nutrition Seminar series ISU research update meeting, Ames, IA, April 2011.
29. Co-ordinated the National Swine Improvement Federation Annual Conference and Meeting, Des Moines, IA, December 2011.
30. Co-ordinated the Iowa Swine Days, Iowa State University, Ames, IA, June 2012.
31. Co-ordinated the National Swine Improvement Federation Annual Conference and Meeting, Des Moines, IA, December 2012.
32. Co-ordinated the Iowa Swine Days, Iowa State University, Ames, IA, June 2013.
33. Co-ordinated the National Swine Improvement Federation Annual Conference and Meeting, Des Moines, IA, December 2013.
34. Co-ordinated the National Swine Improvement Federation Annual Conference and Meeting, Clay Center, NE, December 2014.
35. Co-ordinated the National Swine Improvement Federation Annual Conference and Meeting, Nashville, TN, December 2015.
36. Co-ordinated the National Swine Improvement Federation Annual Conference and Meeting, Raleigh, NC, December 2016.
37. Showing of the Documentary “Food Evolution” to the Iowa State University community, Great Hall, Memorial Union, November 2017.
38. Co-ordinated the virtual meeting “Setting the Stage for ISU to Tackle the Biggest Challenges in Livestock with PASE”, Iowa State University, December 2020.

EXTENSION YOUTH ACTIVITIES:

- 1995: Advisor, Junior Tennessee Pork Producers Association
August - Judge, Decatur County Market Hog Show Carcass Contest, Decaturville, TN
September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
September - Judge, Warren County Breeding Swine Show, McMinnville, TN
October - Official, FFA District Livestock Judging Contest, Martin, TN
October - Official, 4-H District I Livestock Judging Contest, Martin, TN
- 1996: Advisor, Junior Tennessee Pork Producers Association
January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
March - Coordinator, District I Market Hog Show, Martin, TN
March - Judge, District I Market Hog Show Carcass Contest, Martin, TN
April - Judge, District II Market Hog Show Carcass Contest, Dickson, TN
September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
- 1997: Advisor, Junior Tennessee Pork Producers Association
January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
March - Coordinator, District I Market Hog Show, Martin, TN
March - Judge, District I Market Hog Show Carcass Contest, Martin, TN
April - Judge, District II Market Hog Show Carcass Contest, Dickson, TN
May - Judge, South Central Pork Classic Carcass Contest, Fayetteville, TN
August - Judge, Decatur County Market Hog Show Carcass Contest, Decaturville, TN
September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
October - Official, 4-H District I Livestock Judging Contest, Martin, TN
- 1998: Advisor, Junior Tennessee Pork Producers Association
January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
March - Coordinator, District I Market Hog Show, Martin, TN
March - Judge, District I Market Hog Show Carcass Contest, Martin, TN
August - Judge, Decatur County Market Hog Show Carcass Show Contest, Decaturville, TN
September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
October - Official, Western District 4-H Livestock Judging Contest, Decaturville, TN
- 1999: Advisor, Junior Tennessee Pork Producers Association
January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
March - Coordinator, Western District Market Hog Show, Martin, TN
March - Judge, Western District Market Hog Show Carcass Contest, Martin, TN
August - Judge, Decatur County Market Hog Show Carcass Contest, Decaturville, TN
September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
October - Presenter, Shelby County Farm-City Day, Memphis, TN
November - Official, Western District 4-H Livestock Judging Contest, Union City, TN
November - Trainer, Western Regional FFA Livestock Judging Clinic, Martin, TN
November - Official, Western Regional FFA Livestock Judging Contest, Martin, TN

- 2000: January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
 February - Coordinator, Western District Market Hog Show, Martin, TN
 February - Judge, Western Market Hog Show Carcass Contest, Martin, TN
 April - Judge, Central District Market Hog Show Carcass Contest, Dickson, TN
 September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
 September - Scoring Coordinator, Mid-South Fair Collegiate Livestock Judging Contest, Memphis, TN
- 2001: January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
 February - Coordinator, Western District Market Hog Show, Martin, TN
 February - Judge, Western District Market Hog Show Carcass Contest, Martin, TN
 April - Judge, Central District Market Hog Show Carcass Contest, Dickson, TN
 August - Judge, Decatur County Market Hog Show Carcass Contest, Decaturville, TN
 September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
 October - Presenter, Shelby County Farm-City Day, Memphis, TN
- 2002: January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
 April - Judge, Central District Market Hog Show Carcass Contest, Dickson, TN
 June - Presenter, 4-H Academic Conference, Knoxville, TN
 July - Judge, 4-H Round-Up, Martin, TN
 August - Judge, Decatur County Market Hog Show Carcass Contest, Decaturville, TN
 September - Judge, Mid-South Fair Market Hog Show Carcass Contest, Memphis, TN
- 2003: January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
 April - Judge, Central District Market Hog Show Carcass Contest, Dickson, TN
 June - Presenter, 4-H Academic Conference, Knoxville, TN
 August - Assistant Coordinator of the Swine Derby Contest, Iowa State Fair, Des Moines, IA
 October - Judge, 4-H Market Hog Show, Virginia State Fair, Richmond, VA
- 2004: August - Assistant Coordinator of the Swine Derby Contest, Iowa State Fair, Des Moines, IA
 August - Judge, Premier Swine Exhibitor Contest, Iowa State Fair, Des Moines, IA
 September - Scoring coordinator National Barrow Show 4-H / FFA Judging Contest, Austin, MN
 November - Judge, Post-Secondary Agricultural Students Job Interview Contest, Ames, IA
- 2005: January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
 August - Assistant Coordinator of the Swine Derby Contest, Iowa State Fair, Des Moines, IA
 August - Judge, Premier Swine Exhibitor Contest, Iowa State Fair, Des Moines, IA
 September - Scoring coordinator National Barrow Show 4-H / FFA Judging Contest, Austin, MN
- 2006: January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN
 September - Scoring coordinator National Barrow Show 4-H / FFA Judging Contest, Austin, MN
- 2007: January - Judge, State 4-H Market Hog Show Carcass Contest, Nashville, TN

- 2008: July – 4-H Animal Science Roundup, Presentation on Feet and Leg Soundness in Pigs, Ames, IA
 August - Assistant Coordinator of the Swine Derby Contest, Iowa State Fair, Des Moines, IA
 September - Scoring coordinator National Barrow Show 4-H / FFA Judging Contest, Austin, MN
- 2009: July – 4-H Animal Science Roundup, Porkardy and Pig Math exercises, Ames, IA
 August - Assistant Coordinator of the Swine Derby Contest, Iowa State Fair, Des Moines, IA
 September - Scoring coordinator National Barrow Show 4-H / FFA Judging Contest, Austin, MN
- 2010: July – 4-H Animal Science Roundup, Porkardy and Pig Math exercises, Ames, IA
 September - Scoring coordinator National Barrow Show 4-H / FFA Judging Contest, Austin, MN
- 2011: August - Assistant Coordinator of the Swine Derby Contest, Iowa State Fair, Des Moines, IA
- 2012: August - Assistant Coordinator of the Swine Derby Contest, Iowa State Fair, Des Moines, IA
- 2017: Content reviewer for six lessons that included swine genetics – beginner, intermediate, and advanced material.
 August - Facilitator - Swine Handling Station, Iowa State Fair Swine Skillathon, Iowa State Fair, Des Moines, IA
 August – Facilitator – Goat Quality Assurance Program, Iowa State Fair, Des Moines, IA
- 2018: August - Facilitator - Swine Handling Station, Iowa State Fair Swine Skillathon, Iowa State Fair, Des Moines, IA
 August – Facilitator – Goat Quality Assurance Program, Iowa State Fair, Des Moines, IA
- 2019: August - Facilitator - Swine Handling Station, Iowa State Fair Swine Skillathon, Iowa State Fair, Des Moines, IA
 August – Facilitator – Goat Quality Assurance Program, Iowa State Fair, Des Moines, IA
 December – Reviewer – Intermediate and Advanced Animal U swine modules, Ames, IA
- 2020: Spring – Animal University – educational material developer (swine breeds) and reviewer (swine breeds, genetics (heritability and basic genetics), and dressing percentage
 August - Facilitator - Swine Handling Station, Iowa State Fair Swine Skillathon, Iowa State Fair, Des Moines, IA
 August – Facilitator – Goat Quality Assurance Program, Iowa State Fair, Des Moines, IA
- 2021: August - Facilitator - Swine Handling Station, Iowa State Fair Swine Skillathon, Iowa State Fair, Des Moines, IA
 August – Facilitator – Goat Quality Assurance Program, Iowa State Fair, Des Moines, IA

UNDERGRADUATE TEACHING

TEACHING ASSIGNMENTS AND RESPONSIBILITIES

Course Number	Course Title	Credits	Semester – Year Taught	No. of Students
Univ. of Tennessee				
AnS 340	Principles of Animal Breeding. (Course was taught by distance learning methods.) 2002- Fall	3	Fall-2002	99
Iowa State University				
AnS 425	Swine Systems Management	3	Fall-2011	48
AnS 425	Swine Systems Management	3	Fall-2012	50
AnS 425	Swine Systems Management	3	Fall-2013	60
AnS 425	Swine Systems Management	3	Fall-2014	75
AnS 225	Swine Science (took over course midway through semester for a coworker who became ill)	2	Fall-2014	120
AnS225	Swine Science	3	Spring-2015	105
AnS425	Swine Systems Management	3	Fall-2015	55
AnS425	Swine Systems Management	3	Fall-2016	76
AnS425	Swine Systems Management	3	Fall-2017	84
AnS425	Swine Systems Management	3	Fall-2018	82
AnS425	Swine Systems Management	3	Fall-2019	75
AnS425	Swine Systems Management – Online	3	Fall-2020	76
AnS425	Swine Systems Management	3	Fall-2021	65

UNDERGRADUATE STUDENT SERVICE

Year	Activity
2003	Block and Bridle Little North American Co-Advisor (ISU)
2008	Block and Bridle Banquet Advisor
2009-2016	Swine Interest Group Advisor
2010	Little North American Livestock Advisor
2012-2015	Co-organizer for the Swine Industry Night career fair
2018 – Present	Swine Production Advocates Advisor

HONORS STUDENT ADVISING

Year	Student	Location
2009	Caitlyn Abell	Western Kentucky University
2010	Mat Vaughn	Iowa State University
2012	Jennifer English	Iowa State University
2013	Michael Welch	Iowa State University
2014	Josephine Lawrence	Iowa State University
2014	Megan Valentine	Iowa State University
2021	Phoebe Ditrinco	Iowa State University

SCIENCE WITH PRACTICE STUDENT ADVISING

Year	Student	Location
2010	Mat Vaughn	Iowa State University
2013	Alyssa Brommell	Iowa State University

GRADUATE TEACHING

TEACHING ASSIGNMENTS AND RESPONSIBILITIES

Course Number	Course Title	Credits	Semester – Year Taught	No. of Students
AnS 658	Seminar in Animal Breeding and Genetics	1	Fall-2003	2
AnS 653	Applied Swine and Poultry Breeding (responsible for swine portion of the course)	2	Fall-2008	8
AnS 653	Applied Swine and Poultry Breeding (responsible for swine portion of the course)	2	Fall-2010	8(+4Audit)
AnS 500	Computer Techniques for Boiological Research	1	Fall-2010	14(+6audit)
AnS 500	Computer Techniques for Boiological Research	1	Fall-2012	10
AnS 500	Computer Techniques for Boiological Research	1	Fall-2014	8
AnS 500	Computer Techniques for Boiological Research	1	Fall-2014	8
AnS 653	Applied Swine and Poultry Breeding (responsible for swine portion of the course)	2	Fall-2017	4(+4Audit)
AnS 658	Seminar in Animal Breeding and Genetics	1	Fall-2017	1 (plus~20 students and 15 faculty)

GRADUATE STUDENT ADVISING

CURRENTLY SERVING AS MAJOR PROFESSOR

Student	Major	Degree	Expected Completion
Joe Stock	Animal Breeding and Genetics	Ph.D.	2021
Marcie Christianson	Animal Breeding and Genetics	M.S.	2021
Grace Moeller	Animal Science	Ph.D.	2024
Will Taylor	Animal Science	Ph.D.	2024
Derek Henningsen	Animal Science	M.S.	2022
Sophia Breuer	Animal Science	M.S.	2022

*Serving as co-Major Professor

CURRENTLY SERVING AS PROGRAM OF STUDY COMMITTEE MEMBER

Student	Major	Degree	
Tori Rudolph	Mol. Cell. & Dev. Bio.	Ph.D.	Iowa State University
Logan Johnson	Meat Science	Ph.D.	Iowa State University
Matt Schulte	Meat Science	Ph.D.	
Spenser Beker	Animal Science	Ph.D.	
Chloe Hagen	Animal Science	Ph.D.	
Ryan Joen	Agriculture & Biosystems Engineering	Ph.D.	
Rachael Crowley	Meat Science & Food Science	M.S.	
Ni Zhengqiang	Animal Breeding & Genetics	Ph.D.	

SERVED AS PROGRAM OF STUDY MAJOR PROFESSOR

Student	Major	Degree	Completion
Jeremy Burkett*	Animal Science	M.S.	2006
Allison Smith	Animal Science	M.S.	2006
Mark Knauer*	Animal Breeding & Genetics	M.S.	2006
Matt Wolfe*	Animal Science	M.S.	2007
Robert Fitzgerald	Animal Science	Ph.D.	2009
Caitlyn Abell	Animal Breeding & Genetics	M.S.	2011
Emily Weber*	Animal Science	M.S.	2012
Caitlyn Abell	Animal Breeding & Genetics, Statistics	Ph.D.	2013
Marja Nikkilae	Animal Breeding & Genetics	Ph.D.	2013
Brady McNeil	Animal Breeding & Genetics	M.S.	2015
Joe Stock	Animal Breeding & Genetics	M.S.	2016
Amber Danielson	Animal Science	M.S.	2016
Denise Beam	Animal Breeding & Genetics	M.S.	2016
Jared Mumm	Animal Science	M.S.	2017
Muhammed Walagumbe*	Animal Science	Ph.D.	2017
Eduardo Garay	Animal Science	M.S.	**
Karli Lane	Animal Science	M.S.	2019
Grace Moeller	Animal Science	M.S.	2020
Josue Chinchilla Vargas	Animal Breeding & Genetics	Ph.D.	2021*
Will Taylor	Animal Science	M.S.	2021
Wade Wuebker	Animal Science	M.S.	2021
Joe Stock	Animal Breeding & Genetics	Ph.D.	2021

*Serving as co-Major Professor

**Changed Majors

SERVED AS OPPONENT IN DEFENSE OF INTERNATIONAL THESIS OR DISSERTATION

Student	University	Major	Degree	Year
Torunn Aasmundstad	Norwegian University of Life Sciences	Animal Breeding	Ph.D.	2014

SERVED AS PROGRAM OF STUDY COMMITTEE MEMBER

STUDENT	MAJOR	UNIVERSITY	DEGREE	YEAR
Russell Gilliam	Animal Science	Univ. of Tennessee	M.S.	2000
Lisa Scroggs	Animal Science	Univ. of Tennessee	M.S.	2000
Mathew Deppe	Agriculture	Western Kent. Univ.	M.S.	2002
Chad Dechow	Animal Science	Univ. of Tennessee	Ph.D.	2003
Marjorie Zoglemann	Agriculture	Western Kent. Univ.	M.S.	2004
Doug Newcom	Animal Breeding	Iowa State Univesity	Ph.D.	2004
Scott Moore	Animal Science	Iowa State Univesity	M.S.	2006
Abby Patterson	Vet. Diag. Prod. Anim. Med.	Iowa State Univesity	M.S.	2006
Ashley Bushman	Animal Breeding	Iowa State Univesity	M.S.	2007
Nick Berry	Animal Science	Iowa State Univesity	M.S.	2007
Tim Sheppard	Agric. & Biosys. Eng.	Iowa State Univesity	M.S.	2007
Benny Mote	Inderdepartmental Genetics	Iowa State Univesity	M.S.	2008
Bryce Martin	Animal Science	Iowa State Univesity	M.S.	2008
Clair Masker	Agricultural Education	Iowa State Univesity	M.S.	2008
Mark Hoge	Animal Breeding	Michigan State Univ.	M.S.	2009
Tyson Dinslage	Vet. Diag. Prod. Anim. Med.	Iowa State Univesity	M.S.	2009
Jeremy Burkett	Animal Science	Iowa State Univesity	M.S.	2009
Leah Gesing	Animal Physiology	Iowa State Univesity	M.S.	2010
Appisit Kittawornrat	Vet. Diag. Prod. Animal. Med.	Iowa State Univesity	M.S.	2010
Paulo Arruda	Vet. Diag. Prod. Animal. Med.	Iowa State Univesity	M.S.	2010
Lori Layman	Vet. Diag. Prod. Animal. Med.	Iowa State Univesity	M.S.	2011
Alex Ramirez	Vet. Diag. Prod. Animal. Med.	Iowa State Univesity	M.S.	2011
Brandi Jacobs	Animal Science	Iowa State University	M.S.	2011
Shawna Weimer	Animal Science	Iowa State University	M.S.	2011
Appisit Kittawornrat	Vet. Diag. Prod. Animal Med.	Iowa State University	Ph.D.	2013
Chad Yoder	Animal Science	Iowa State University	Ph.D.	2013
Rebecca Davis	Animal Science	Iowa State University	M.S.	2013
Deanne Day	Vet. Diag. Prod. Anim. Med.	Iowa State University	M.S.	2014
John Stinn	Agric. & Biosys. Eng.	Iowa State University	Ph.D.	2014
Amanda Elsbernd	Animal Science	Iowa State University	M.S.	2014
Jeremy Pittman	Vet. Diag. Prod. Animal Med.	Iowa State University	M.S.	2014
Dinesh Thekkoot	Animal Breeding and Genetics	Iowa State University	Ph.D.	2014
Nestor Gutirez	Animal Nutrition	Iowa State University	Ph.D.	2014
Kody Graves	Animal Science	Iowa State University	M.S.	2015
Analia Roca	Animal Science	Iowa State University	M.S.	2015
Jeremy Pittman	Vet. Diag. Prod. Animal Med.	Iowa State University	M.S.	2015
Tasha Gruhot	Animal Breeding and Genetics	Iowa State University	M.S.	2016
Jesus Acosta Carmorgo	Animal Science	Iowa State University	Ph.D.	2017
Trey Cook	Animal Science	Iowa State University	Ph.D.	2017
Alyssa Cornelison	Animal Science	Iowa State University	M.S.	2017
Jennerfer English	Vet. Micro. Prev. Med.	Iowa State University	M.S.	2017
Quigyun Li	Animal Science	Iowa State University	Ph.D.	2018
Greg Krahn	Animal Science	Iowa State University	Ph.D.	2018
Austin Putz	Animal Breeding and Genetics	Iowa State University	Ph.D.	2018
Hannah Spaulding	Mol. Cell. & Dev. Bio.	Iowa State University	Ph.D.	2019
Ella Akin	Animal Science	Iowa State University	M.S.	2019

SERVED AS PROGRAM OF STUDY MEMBER CONT'

STUDENT	MAJOR	UNIVERSITY	DEGREE	YEAR
Leigh Ruckman	Animal Science	Iowa State University	Ph.D.	2021
Jian Cheng	Animal Breeding and Genetics	Iowa State University	Ph.D.	2021
Logan Johnson	Meat Science	Iowa State University	M.S.	2021

Visiting Scientists and Post-Doctoral Students Hosted

Scientist	Institution Title	Year	Time
Timo Serenius	MTT-Agrifood Finland	2004-2006	20 Months
Anne Kettunen	Norwegian College of Fishery Science	2005	1 month
Linda Engblom	Swedish Agricultural University	2009	12 Months
Robert Fitzgerald	Iowa State University	2009	3 Months
Dolores Ayuso	Jefe Sección de Investigación en procino Centro De Investigación Finca La Orden-Valdesequera	2010	3 Months
Jarkko Neimi	MTT-Agrifood Finland	2010	2 weeks
Gang Sun	Iowa State University (Ag and Biosys. Engineering).	2012	6 Months
Long Yao Yue	South Dakota State University (AnimalScience)	2012	6 Months
Julia Calderon Diaz	Animal Science	2015-2016	12 Months
Chandraratne Dematawewa	Sri Lanka	2015-2016	12 Months
China Supakorn	School of Agricultural Technology Walailak Univ. Thailand, Anim. Sci.	2017-2019	24 Months
Suppasit Plaengkaeo	Khon Kaen University, Thailand	2018	6 months

GRANTS, GIFTS AND CONTRACTS RECEIVED

(Investigator*, Year, Title, Amount, & Source)

*Names in bold designate project Principal Investigator or Co-Principal Investigator.

1. **Stalder, K. J.** Gift to support Stalder research and extension work in swine genetics and management. 2021. Amount: \$55,000. Source: Pig Improvement Company (PIC)
2. **Stalder, K. J.** Gift to support Stalder research and extension work in swine genetics and management. 2021. Amount: \$22,500. Source: Choice Swine Genetics, Des Moines, IA
3. **Stalder, K. J.** 2020. Inherent variation in oxidative stress measures in breeding and lactating gilts, and correlation to measures of sow lifetime productivity. Funding Amount: \$37,930. Funding Source: USDA-Agricultural Research Services.
4. **Stalder, K. J.,** A. K. Johnson and J. E. Koltes. 2020. Data science training for research groups involved in improving livestock sustainability, welfare, health, and production efficiency through incorporating precision animal sciences technologies. Funding Amount: \$1000. Funding Source: Office of the Vice President for Research, Iowa State University.
5. **Stalder, K. J.,** A. K. Johnson, L. A. Karriker, J. Peschel, B. Ramirez, P. Gorden, D. D. Loy, S. T. Millman, S. L. Hansen, L. L. Greiner, D. Koltes, E. A. Bobeck. Y. Sato, J. Shearer, J. E. Koltes, L. Schulz, D. Thompson. 2020. Developing new approaches to address feet and leg challenges in food producing animals. Funding Amount: \$500: Funding Source; Iowa State University, Office of the Vice President for Research & Center for Excellence in The Arts and Humanities, Iowa State University.
6. **Stalder, K. J.** Gift to support Stalder research and extension work in swine genetics and management. 2020. Amount: \$22,500. Source: Choice Swine Genetics Des Moines, IA
7. **Stalder, K. J.,** A. K. Johnson, and L. A. Karriker. Holistically training the next generation of animal scientists with an emphasis on animal welfare, production systems and statistics. 2020. Amount: \$60,000. Source: National Pork Board.
8. **Stalder, K. J.** Gift to support Stalder research and extension work in swine genetics and management. 2020. Amount: \$22,500. Source: Choice Swine Genetics, Des Moines, IA
9. **Stalder, K. J.** Gift to support Stalder Sow Longevity research and extension program. 2019. Amount: \$30,000. Source: Johnsonville Sausage, Inc.
10. **Stalder, K. J.** Gift to support Stalder research and extension work in swine genetics and management. 2019. Amount: \$22,500. Source: Choice Swine Genetics, Des Moines, IA
11. **Stalder, K. J.** Gift to support Stalder research and extension work in swine feet and leg soundness. 2019. Amount: \$35,000. Source: Pig Improvement Company (PIC)
12. **Stalder, K. J.** 2018. Dietary Effects on Sow Productivity to Three Parities. Amount: \$21,524. Funding Source: Sub-Contract with USDA-Agriculture Research Service (National Pork Board funding USDA)
13. **Stalder, K. J.** Gift to support Stalder research and extension work in swine feet and leg soundness. 2018. Amount: \$35,000. Source: Pig Improvement Company (PIC)

14. **Stalder, K. J.** 2018. Dietary Effects on Sow Productivity to Three Parities. Amount: \$20,549. Funding Source: Sub-Contract with USDA-Agricultural Research Service (National Pork Board funding USDA)
15. **Stalder, K. J.,** and J. D. Stock. 2018. Pork Industry Productivity Analysis. Amount: \$40,926. Funding Source: National Pork Board
16. **Stalder, K. J.,** and J. D. Stock. 2017. Pork Industry Productivity Analysis. Amount: \$39,091. Funding Source: National Pork Board
17. **Stalder, K. J.,** and J. D. Stock. 2016. Pork Industry Productivity Analysis. Amount: \$39,260. Funding Source: National Pork Board
18. **Stalder, K. J.** 2015. Gift to support Extension and Research program. Amount: \$25,000. Funding Source: National Swine Registry.
19. **Stalder, K. J.** 2015. Optimal dietary energy and protein for the development of gilts. Amount: \$60,350. Funding Source: Sub-Contract with USDA-Agricultural Research Service (National Pork Board funding USDA)
20. J.A. Calderon Diaz, **K. J. Stalder**, A. K. Johnson, J. D. Stock. 2015. Dynamic space requirements for non-lame and lame sows determined by lying-standing-lying sequence profile. Amount: \$47,234. Funding Source: National Pork Board
21. **Stalder, K. J.,** T. J. Baas, M. F. Rothschild, A. K. Johnson, J. Stock and J. A. Calderon Diaz. 2015. Replacement gilt candidate feet and leg and reproductive trait evaluation using digital analysis and visual observation. Amount: \$89,663. Funding Source: National Pork Board.
22. **Stalder, K. J.** 2014. Optimal dietary energy and protein for the development of gilts. Amount: \$49,200. Funding Source: Sub-Contract with USDA-Agricultural Research Service
23. **Stalder, K. J.,** and A. K. Johnson, D. Andersen, L. Sadler, and R. B. Baker. 2014. Livestock Truck Washing Station Evaluation and Identification of Best Practices. Amount: \$ 200,392. Funding Source: USDA APHIS.
24. **Stalder, K. J. and A. K. Johnson.** 2013. Replacement of Objective Quantitative Tools to Evaluate Lameness in Swine. Amount: \$22,847. Funding Source: ISU ANR Extension Internal Smithfield Funds
25. **Stalder, K. J.** 2013. Optimal dietary energy and protein for the development of gilts. Amount: \$58,350. Funding Source: Sub-Contract with USDA-Agricultural Research Service
26. **Stalder, K. J.,** and C. E. Abell. 2013. Pork Industry Productivity Analysis. Amount: \$38,381. Funding Source: National Pork Board
27. **Stalder, K. J.,** and C. E. Abell. 2012. Pork Industry Productivity Analysis. Amount: \$38,381. Funding Source: National Pork Board
28. **Patience, J. F. and K. J. Stalder.** 2012. Gift to support Patience – Stalder research and extension programs. Amount: \$21,390. Funding Source: M2P2, LLC
29. **Stalder, K. J.,** G. Sun, S. Hoff, A. Johnson, L. Karriker, and T. Parsons. 2011. Diagnosis of sow lameness using the microcomputer-based force plate system and pattern recognition methods. Amount: \$68,069. Funding Source: National Pork Board, Iowa Pork Producers Association, and Pennsylvania Pork Producers and administered by the National Pork Board.

30. **Patience, J. F. and K. J. Stalder.** 2011. Gift to support Patience – Stalder research and extension programs. Amount: \$20,000. Funding Source: M2P2, LLC.
31. **Stalder, K. J.,** C. Abell, D. E. Wilson. 2011. The identification of conformational phenotypes common among highly efficient and productive sows. Amount: \$49,462. Source: Iowa Attorney General through the Iowa Swine Industry Enhancement Grant Program.
32. **Stalder, K. J.,** C. Abell, J. W. Mabry, and J. Dekkers. 2011. The economic value of genomic selection. Amount: \$34,378. Source: National Pork Board.
33. **Butters-Johnson, A. K.,** K. J. Stalder, S. Millman, L. A. Karriker and J. Coetzee. 2011. Developing validated and objective industry-ready tools to assess joint pain manifestation and lameness in the sow. Amount: \$700,000. Funding Source: Agricultural and Food Research Initiative Competitive Grants Program - Foundational Program USDA.
34. **Patience, J. F. and K. J. Stalder.** 2010. Gift to support Patience – Stalder research and extension programs. Amount: \$20,000. Funding Source: M2P2, LLC.
35. **Patience, J. F.,** K. Prusa, and K. J. Stalder. 2010. Predicting the iodine value of pork carcass fat from the iodine value of dietary fat supplied by different fat sources at different levels of inclusion in the diet. Amount: \$53,309. Funding Source: Iowa Pork Producers Association.
36. **Johnson, A. K.,** K. J. Stalder, L. A. Karriker, T. Holck, R. Edler and T. Fangman. 2010. Gift supporting Willingness to approach (WTA) research. Amount: \$17,556. Funding Source: Boehringer Ingelheim.
37. **Stalder, K., J.,** L. A. Karriker, J. F. Patience, and A. K. Johnson. 2010. Evaluation of a Boron Product in the Amelioration of Osteochondrosis in Pigs. Amount: \$28,224. Funding Source: U.S. Borax.
38. **Stalder, K. J.** 2010. Gift supporting sow longevity research and extension programs. Amount: \$15,000. Funding Source: National Swine Registry.
39. **Johnson, A. K.,** M. Ritter, J. Moody, and K. J. Stalder. 2009. The influence of small versus large pens on the welfare of the grow-finisher pig. Amount: \$12,239. Funding Source: Iowa Pork Producers Association.
40. **Johnson, A. K.,** S. Millman, L. A. Karriker, and K. J. Stalder. 2009. Using objective behavioral measurements to build robust producer tools for detecting, scoring and treating lameness in sows. Amount: 20,000. Funding Source: Iowa Pork Producers Association.
41. **Stalder, K. J.** 2009. Gift supporting gilt development / selection extension activities. Amount: 15, 000. Funding Source: DSM Nutrition.
42. **Burns, R.,** L. Moody, E. Muhlbauer, K. Stalder, and J. Harmon. 2009. Analysis of water consumption and conservation techniques used in swine production facilities. Amount: \$19,199. Funding Source: National Pork Board.
43. **Karriker, L. A.,** K. J. Stalder, A. K. Johnson, and S. Millman. 2009. Objective assessment tools and pain management for lame sows. Amount: \$25,000. Funding Source: Iowa Pork Producers Association.

44. **Karriker, L. A.,** K. J. Stalder, R. F. Fitzgerald, A. K. Johnson, and H. Coetzee. 2009. Using objective mechanical and physiologic measurements to build robust producer tools for detecting, scoring and treating lameness in sows. Amount: \$96,725. Funding Source: National Pork Board.
45. **Schwab, C. R.,** R. Bates, and K. J. Stalder. 2008. Validation of commercial DNA tests for production efficiency, meat quality, and maternal traits in purebred swine. Amount: \$33,200. Funding source: National Pork Board.
46. **Rothschild, M. F.,** J. C. M. Dekkers, and K. J. Stalder. 2008. Large scale SNP association analyses of feed efficiency and longevity. Amount: \$100,000. Funding Source: National Pork Board.
47. **Mabry, J.,** C. Johnson, and K. Stalder. 2008. Development of benchmarks to assess the local economic impact of pork production. Amount: \$47,440. Funding Source: National Pork Board.
48. **Johnson, A. K.,** M. Ritter, and K. J. Stalder. 2008. The influence of facility design on the stress response and transportation losses of the market weight pig. Amount: \$16,222. Funding Source: Iowa Pork Producers Association.
49. **Rothschild, M. F.,** and K. J. Stalder. 2008. Association of genetic markers with structural soundness and its relationship to gilt development and sow longevity. Amount: \$118,669. Funding Source: National Pork Board.
50. **Stalder, K. J.,** S. Lonergan, C. Johnson, and H. Hendricks. 2008. Evaluation of the lean content and trim of cull sows on their value at harvest. Amount: \$80,388. Funding Source: National Pork Board.
51. **Johnson, A. K.,** K. Stalder and L. Karriker. 2007. Effect of various nutritional regimens on the nursery pig. Amount: \$14,160. Funding Source: Land O' Lakes.
52. **Johnson, A. K.,** K. J. Stalder, and B. Jacobson. 2007. Support for conducting nursery pig work at Iowa State University. Amount: \$2,027. Funding Source: Iowa Pork Producers Association.
53. **Johnson, A., K. Stalder,** and L. Karriker. 2007. Evaluation of the relationship between hoof abnormalities and breeding herd female longevity and well-being when housed in gestation and farrowing stalls. Amount: \$50,253. Funding Source: National Pork Board.
54. **Stalder, K. J.,** L. Karriker, A. Johnson, and T. Baas. 2006. Association of compositional, structural soundness and health with the ability of a commercial line of young sows to successfully complete parities four and five. Amount: \$43,173. Funding Source: National Pork Board.
55. **Johnson, A. K.,** M. Honeyman, and K. J. Stalder. 2006. Gestation sow well-being in hoop buildings. Amount: \$60,000. Funding Source: Leopold Center, Iowa State University.
56. **Stalder, K. J.,** L. Karriker, M. F. Rothschild, T. J. Baas, J. W. Mabry, and J. D. McKean. 2006. Association of compositional, structural soundness, and health with the ability of a commercial line of young sows to successfully complete parities two and three. Amount: \$104,510. Funding Source: National Pork Board.

57. **Rothschild, M. F.**, and K. J. Stalder. 2006. Association of genetic markers with structural soundness and its relationship to gilt development and sow longevity. Amount: \$88,975. Funding Source: National Pork Board.
58. **Powers, W.**, B. Kerr, and K. Stalder. 2006. Oxygen consumption and energy digestibility of soybean meal and corn or corn co-product diets fed to grow-finish swine. Amount: \$46,463. Funding Source: Iowa Pork Producers Association.
59. **Johnson, A.**, K. J. Stalder, and L. A. Karriker. 2006. Comparison of chute design on the ease of loading finisher pigs. How does this affect their performance, welfare parameters and overall economics to the producer? Amount: \$41,855. Funding Source: National Pork Board.
60. **Stalder K. J.**, T. J. Baas, W. Powers and J. W. Mabry. 2005. Growth comparison of two levels of traditional inorganic trace mineral supplementation to response of two levels of Bioplex™ trace mineral supplementation in swine. Amount: \$55,830. Funding Source: Alltech Inc.
61. **Powers, W.**, B. J. Kerr, and K. J. Stalder. 2005. Influence of corn co-products on air emissions and nutrient excretions from grow-finish swine. Amount: \$40,000. Funding Source: National Pork Board.
62. **Rothschild, M. F.**, and K. J. Stalder. 2005. Discovery and validation of genetic markers affecting sow longevity. Amount: \$60,000. Funding Source: National Pork Board.
63. **Stalder, K. J.**, **L. Karriker**, M. F. Rothschild, T. J. Baas, J. W. Mabry, and J. D. McKean. 2005. Association of compositional, structural soundness, and health with the ability of a commercial line of young sows to successfully complete parity one. Amount: \$125,000. Funding Source: National Pork Board.
64. **Baas, T. J.**, N. Berry, L. A. Karriker, K. J. Stalder, and M. F. Rothschild. 2005. Development of a database to evaluate the genetics of health in the pig. Amount: \$79,600. Funding Source: National Pork Board.
65. **Karriker, L. A.**, **C. Johnson**, and **K. J. Stalder**. 2005. Development of a sow body condition-scoring guide using live animals. Amount: \$26,719. Funding Source: National Pork Board.
66. **Bregendahl, K.**, **K. J. Stalder**, **D. C. Beitz**, **C. H. Stahl**, and **C. Scanes**. 2005. Evaluation of the nutritional value of different corn hybrid traits on performance of pigs, broilers, and layers. Amount: \$99,073. Funding Source: J. C. Robinson Seed Company
67. **Stalder, K. J.**, **L. Karriker**, **A. O'Connor**, and J. McKean. 2004. Evaluation of sows at harvest to determine the incidence of abnormalities that could lead to culling of breeding herd females. Amount: \$104,552 Funding Source: National Pork Board.
68. **Stalder, K. J.**, **M. G. Hogberg**, and **W. Powers**. 2004. Development of a user-friendly database and decision tree for selecting air quality best management practices (BMPs) Amount: \$47,710. Funding Source: National Pork Board.
69. **Hogberg, M.**, J. W. Mabry, T. J. Baas, and K. J. Stalder. 2004. Author agreement between Iowa State University and the National Pork Board. Amount: \$50,000. Funding Source: National Pork Board.

70. **Karriker, L.**, J. D. Harmon, T. J. Baas, and K. J. Stalder. 2004. Integration and validation of a radio frequency identification system and automatic scale technology for real-time correlation of management and disease impacts with the performance of swine in swine field studies. Amount: \$18,478. Funding Source: Healthy Livestock Initiative Competitive Grants Program.
71. **Sapp, S.**, K. Larson, W. Powers, K. J. Stalder, M. G. Hogberg, and P. Lasley. 2004. Exploring social capital relationships among producers and local communities. Amount: \$35,791. Funding Source: Iowa Pork Producers Association.
72. **Stalder K. J.**, T. Serenius, and A. Maki-Tanila. 2004. Genetic and management factors influencing sow removal rates in commercial swine herds. Amount: \$2,500. Funding Source: Organization for Economic Development and Cooperation.
73. **Stalder K. J.**, T. J. Baas, W. Powers and J. W. Mabry. 2003-2004. Growth comparison of traditional inorganic trace mineral supplementation to response of Bioplex™ trace mineral supplementation in swine. Amount: \$78,000. Funding Source: Alltech Inc.
74. **Storlie M.**, D. Struthers, K. J. Stalder, and J. Harmon. 2003. Supplemental heating system for hoop or deep-bedded systems. Amount: \$2,032. Funding Source: Iowa State University Pork Niche Marketing Working Group.
75. **Stalder, K. J.**, D. A. Stiles, A. M. Saxton, and H. Dowlen. 2003. A study of increased relationship (inbreeding) on conception and gestational losses in Jersey Cows. Amount: \$4,000. Funding Source: American Jersey Cattle Association.
76. **Saxton, A. M., K. J. Stalder**, P. J. Boettcher, and H. Dowlen. 2003. Contribution of genetic relationship to rates of retained placenta and other diseases. Amount: \$3,000. Funding Source: American Jersey Cattle Association.
77. **Stalder, K. J.**, K. Robbins, and G. E. Conatser. 2003. Effects of water temperature on sow lactation feed intake and performance. Amount: \$9,000. Funding Source: Tennessee Pork Producers Association.
78. **Stalder, K. J.**, and G. E. Conatser. 2002. Animal science real time ultrasonic equipment proposal. Amount: \$25,000. Funding Source: Tennessee Pork Producers Association.
79. **Bates, R. O.**, R. J. Tempelman, M. D. Hoge, P. M. Saama, and K. J. Stalder. 2001. Longevity and its genetic association with performance characteristics. Amount: \$35,940. Funding Source: American Yorkshire Club.
80. **Stalder, K. J.**, A. M. Saxton, R. K. Miller, and R. N. Goodwin. 2001. The effect of the hydrogen ion concentration evaluation methodology on genetic prediction and fixed effects estimation when assessing muscle quality in pork. Amount: \$5,000. Funding Source: National Pork Board.
81. **Stalder, K. J.**, M. J. Penfield, C. C. Melton, S. L. Melton, and G. E. Conatser. 2000. Consumer perception of the quality and fatty acid profile of dry-cured hams from purebred Duroc market hogs and market hogs of unknown genetic composition. Amount: \$12,000. Funding Source: National Pork Producers Council.
82. **Conatser, G. E.**, and K. J. Stalder. 2000. Developing niche markets for Tennessee pork products. Amount: \$10,000. Funding Source: Tennessee Department of Agriculture.

83. **Conatser, G. E.**, and K. J. Stalder. 2000. Developing a niche market for pork. Amount: \$40,000. Funding Source: National Pork Producers Council.
84. **Stalder, K. J.**, C. C. Melton, S. L. Melton, and G. E. Conatser. 2000. Comparison of country style processing qualities of hams from market hogs of unknown genetic composition and purebred Duroc market hogs. Amount: \$11,700. Funding Source: United Duroc Swine Registry.
85. **Stalder, K. J.**, and A. M. Saxton. 1999. Influence of backfat and loin muscle area measured at selection on the reproductive performance of sows. Amount: \$1,800. Funding Source: American Landrace Association.
86. **Stalder, K. J.**, and A. M. Saxton. 1999. Influence of backfat and loin muscle area measured at selection on the reproductive performance of sows. Amount: \$4,500. Funding Source: American Yorkshire Club.
87. **Bohannon, P.**, and **K. J. Stalder**. Tennessee Networking Activities. 1996-1998. Amount: \$15,000. (\$5,000 over 3 years) Funding Source: National Pork Producers Council.

GRANTS, GIFTS AND CONTRACTS TOTAL VALUE

Grand Total Funded	\$ 9,592,855
ISU Total (2003 to Present)	\$ 9,525,117
Stalder PI or Co-PI	\$ 2,188,170
Non-ISU Total (1996- 2003)	\$ 176,940

GRANTS, GIFTS AND CONTRACTS AWAITING DECISIONS

GRANTS, GIFTS AND CONTRACTS NOT FUNDED

1. **Pandey, S.**, K.-J. Yoon, D. J. Peters, C. Wolfe, K. J. Stalder, A. K. Somani, and A. A. Khokhar. 2021. Building a high-performance data infrastructure for swine farmers: Understanding the need, perceptions, risks, and trustworthiness. Amount: \$649,812 Funding Source: USDA National Institute for Food & Agriculture (NIFA), USDA-NIFA-AFRI-007692. Agriculture and Food Research Initiative Competitive Grants Program.
2. **Pandey, S.**, J. M. Peschel, J. E. Koltes, K. J. Stalder, A. K. Somani, K.-J. Yoon, and A. K. Johnson. 2021. Pig Phonics: Combining animal sciences, sound engineering, and data science to better manage swine health and production. Amount: \$999,986. Funding Source: USDA-National Institute of Food and Agriculture (NIFA) Agriculture and Food Research Initiative Competitive Grants Program.
3. **Stalder, K. J.** 2021. Developing mitigation strategies to address lameness in food producing animals. Amount: \$180,000 Funding Source: USDA NIFA AFRI-008121: AFRI Educational and Workforce Development Program, A7101 – Predoctoral Fellowships.

4. **Stalder, K. J., A. K. Johnson, J. Koltes, J. Peschel, B. Ramirez, L. Schulz, H. Rajan, L. Dong, P. Gorden, S. Millmann, and L. Karriker.** 2021. Setting the PASE at ISU: People, Animals and the Planet. Amount: \$743,761. Funding Source: Iowa State University Office of the Vice President for Research. Presidential Interdisciplinary Research Initiative (PIRI).
5. **Peschel, J., A. K. Johnson, and K. J. Stalder.** 2021. Improving gilt selection to enhance production efficiency through automated visual measurements. Amount: \$ 80,122 Funding Source: Iowa Pork Producers Association.
6. **Serão, N. J. Ross, and K. J. Stalder.** 2020. A powerful strategy to discover the genomic basis of prolapse. Amount: \$ 76,000. Funding Source: Iowa Pork Producers Association
7. **Peschel, J., A. K. Johnson, and K. J. Stalder.** 2020. Improving gilt selection to enhance production efficiency through automated visual measurements. Amount: \$ 80,122 Funding Source: Iowa Pork Producers Association.
8. **Azarpajouh, S., A. K. Johnson, S. T. Millman, and K. J. Stalder.** 2018. How can euthanasia-training modules based on the DiSC® Personality Test reduce caretaker euthanasia-related strain? Amount: 44,651 Funding Source: National Pork Board
9. **Stalder, K. J., J. D. Stock, and A. K. Johnson.** 2017. Conformation and genetic component analysis of shoulder lesion incidence and prevalence in North American Swine. Amount: \$72,741. Iowa Pork Producers Association.
10. **Johnson, A. K., S. T. Millman K. J. Stalder and J. W. Ross.** 2017. Providing humane on-farm handling tools to move non-amulatory grow-finish pigs. Amount: \$43,042. Source: National Pork Board.
11. **Gruhot, T., K. J. Stalder, K. J., M. F. Rothschild, J. W. Ross, and F. Bertolini.** 2016. Quantifyin the vaginal microbiome environment of F1 crossbred sows and the effect the vaginal microbiome has on reproductive productivity. Amount: \$151,911. Source: National Pork Board.
12. **Stalder, K. J., J. W. Mabry, D. Stender, M. Honeyman, and M. Duffy.** 2010. Beginning Pork Production and Marketing: A Coordinated Plan for Success. Amount: \$694,905 Funding Source: National Institute for Food and Agriculture's Beginning Farmers and Ranchers Program.
13. **Stalder, K. J., S. Hoff, L. Karriker, and A. K. Johnson.** 2010. Diagnosis of sow lameness using the microcomputer-based force plate system and pattern recognition methods. Amount: \$63,599
14. **Stalder, K. J., R. N. Goodwin, and J. W. Mabry.** 2011. Developing genetic information to improve pork processing and eating quality. Amount: \$96,350 Submitted to: National Pork Board and Iowa Pork Producers Association.
15. **Stalder, K. J., C. A. Abell, D. E. Wilson, and V. Amin.** 2011. Automated imaging and analysis system for scoring structural soundness of replacement gilts and sows Amount: \$125,647 Submitted to: National Pork Board and Iowa Pork Producers Association.
16. **Stalder, K. J., D. E. Wilson, and V. Amin.** 2011. Automated Evaluation of Trough or Pan Feed Coverage from Digital Picture Analysis. Amount: \$76,474 Submitted to: Iowa Pork Producers Association.

17. **Stalder, K. J.**, C. A. Abell, D. E. Wilson, and V. Amin. 2012. Automated imaging and analysis system for scoring structural soundness of replacement gilts and sows Amount: \$60,580 Submitted to: National Pork Board and Iowa Pork Producers Association.
18. **Johnson, A. K., K. J. Stalder**, L. A. Karriker, C. E. Abell, S. Millman. 2012. Determining optimal standing time on a micro-embedded force plate to detect differences in sow weight distribution. Amount: \$29,128. Funding Source: Iowa Pork Producers Association.
19. **Stalder, K. J.**, T. J. Baas, M. F. Rothschild, A. K. Johnson, and J. D. Stock. 2014. Replacement gilt candidate feet, leg and reproductive trait evaluation using digital analysis and visual observation. Amount: \$44,461. Funding Source: National Pork Board.
20. **Stalder, K. J.**, T. J. Baas, M F. Rothschild, A. K. Johnson, and J. D. Stock. 2014. Digital evaluation of gilt and sow fee and leg traits through 3 parities. Amount: \$41,784. Funding Source: National Pork Board.
21. **Johnson, A. K.**, S. Millman, K. J. Stalder, and M. Pairis-Garcia. 2014. Optiminzing pharmacological treatment to mitigate swine lameness pain. Amount: \$500,000. Source: USDA AFRI Competitive Grants Program
22. **Stalder, K. J.** M. F. Rothschild, F. Bertolini, and J. A. Calderon-Diaz. 2015. Identification of genes responsible for toe overgrowth in sows. Amount: \$41,250 Source; Iowa Attorney General Smithfield Settlement Funds.

PROFESSIONAL PRACTICE

INTERNAL UNIVERSITY SERVICE

RESEARCH REVIEW PANEL

2020 Digital and Precision Agriculture review panel, Office of the Vice President for Research, Iowa State University

EXTERNAL UNIVERSITY SERVICE

1. External Evaluation Committee member for A North Carolina State University faculty member going from Assistant Professor to Associate Professor with tenure, 2013
2. External Evaluation for promotion of a faculty member to Professor from Shanghai Jiao Tong University School of Agriculture and Biology. 2017
3. External Evaluator for a Master of Science student from the Department of Livestock and Pasture Science, University of Fort Hare South Africa, 2020.
4. External Reviewer for Canadian John R. Evans Leaders Fund, Canada Foundation for Innovation, McGill University, Quebec, Canada, 2020
5. External Reviewer for an Assistant Professor going up for promotion to Associate Professor with tenure at Michigan State University, 2020
6. External manuscript reviewer / editor for Iranian Animal Science Faculty 2019-present
7. External evaluator of the scientific output from a candidate being considered for promotion from Associate Professor to Full Professor from the Department of Animal Production, School of Agriculture, at the University of Jordan, Amman Jordan, 2021
8. External evaluator of the scientific output from a candidate being considered for promotion from Assistant Professor to Associate Professor from the Department of Animal Production, School of Agriculture, at the University of Jordan, Amman Jordan, 2021

EDITOIAL BOARDS

1. Journal of Animal Research and Veterinary Sciences (Open Access) 2017 – 2020
2. Journal of Animal Sciences and Livestock Prodiction (Open Access) 2017 – Present
3. Appointed as an editor for the publication clinic at Khon Kaen University, Khon Kaen Thailand, 2019 – Present
4. Editorial Board for Frontiers in Genomics: as a Review Editor for Frontiers in Genetics and Frontiers in Veterinary Science. 2020 – Present.
5. Editorial Advisory Board, CAB Reviews a CABI, Wallingford Oxfordshire, United Kingdom, 2021 - Present

STATE COMMITTEES

1. Producer Education Committee, Iowa Pork Producers Association, 2007-2011
2. Iowa Farm Bureau Federation Swine Commodity Committee, 2004-2006
3. Elections Committee, Iowa Pork Producers Association, 2003-Present
4. Program Committee of the Market Place of Ideas Value Added Conference, University of Tennessee - Martin, 2001
5. Swine Committee, Mid-South Fair, Memphis, TN, 1996-2003
6. Tennessee Pork Producers Association
 - Convention and Awards Committee, 1998-1999, 2001-2003
 - Executive Committee, 1995-2003
 - Production Technology/Education Committee, 1996-1998
 - Tennessee State Networking Contact, 1996-1999
 - Advisor, Junior Tennessee Pork Producers Association, 1995-2000

NATIONAL COMMITTEES

1. National Pork Board – Pig Loss Mitigation Working Group, 2017- 2020.
2. American Society of Animal Science - Midwest Section Extension Committee Member, 2012 – Present.
3. National Pork Board Group Sow Housing Educational Team – 2012 - 2013
4. National Reproduction Guide Development Team – U.S. Pork Center of Excellence 2012-2013.
5. SowBridge educational committee - state representative, 2007-Present
6. PorkBridge educational committee - state representative, 2005-Present
7. Iowa Pork Producers Elections Committee – member, 2003 - Present
8. American Dairy Science Association - 13th Discover Conference on Sow Productive Lifetime, Program Committee Member, 2007
9. American Society of Animal Science - Midwest Section Animal Breeding and Genetics Committee Member, 2004 - 2007 (Chair 2006-2007)
10. United States Department of Agriculture Swine Germplasm Preservation Committee, 2007 – 2011.
11. National Pork Producers Council and National Pork Board
 - Animal Science Research Committee, National Pork Board, 2007-2019
 - Subcommittee on National sow longevity research development committee, 2013-2018
 - Subcommittee on Use of stored tissue samples from NPB funded projects 2012
 - Subcommittee on industry benchmarking 2012
 - Pork Quality Solutions Advisory Group, National Pork Board, 2004-Present
 - Sow Longevity Working Committee, National Pork Board, 2003-2011
 - Pork Education Resource Center, National Pork Board (Domain Editor), 2003-2006
 - Extension Swine Educators Committee, National Pork Board, 2002-2008
 - Extension Swine Educators Executive Committee, National Pork Board, 2008-2011
 - Troubleshooting Guide to the National Pork Database Development Committee, 2001
 - Swine Educators Nursery Curriculum Development Committee, 2000

12. National Swine Improvement Federation,
 - President, 2004-2006
 - Director at Large, 2004-2009
 - Secretary - Treasurer, 1998-2004
 - Treasurer, 2009 – 2014
 - Non-profit restoration committee - 2012
 - Fact Sheets Committee, 2004-Present
 - Membership Committee (Chairperson), 1999
 - Guidelines Committee, 1998-1999
 - Awards Committee, 1996 and 1997, 2008 (Chairperson)
13. NC-1037, Swine Genetics Research Committee, United States Department of Agriculture, 2007-2011
14. NC-1004, Swine Genetics Research Committee, United States Department of Agriculture, 2003-2007
15. NC-220, Swine Genetics Research Committee, United States Department of Agriculture, 2001-2002
16. National Swine Registry's Genetic Advisory Committee, 2000-2014
17. NCERA -219, Applied swine management and welfare research committee, United States Department of Agriculture, 2012 – Present.
 - Secretary 2012-2013
18. NCERA-89, Applied swine management and welfare research committee, United States Department of Agriculture, 2003-2011
 - Chairman 2005-2006
19. NCR-89, Swine Management Research Committee, United States Department of Agriculture, 1999-2002 (Secretary, 2000, President, 2001)
20. Breeding and Genetics section of the Pork Pro Center, World Pork Expo, Des Moines, IA, 1996-1997
21. Smithfield Foods Sow Research Think Tank Team, 2017-2019
22. American Society of Animal Science Awards Committee (Animal Breeding and Genetics Award), Champaign, IL. 2021 – Present.

INTERNATIONAL COMMITTEES

1. International Pig Veterinary Society. 23rd International Pig Veterinary Society Congress Scientific Committee, 2013-2014.
2. Experts Review Panel. 2015. Walsh Fellowship applications 2016056. Teagasc Head Office, Oak Park, Carlow, Co. Carlow, Ireland.
3. Experts Review Panel. 2015. Teagasc internal project application 0012. Teagasc Head Office, Oak Park, Carlow, Co. Carlow, Ireland.

EDITORIAL AND REFEREE RESPONSIBILITIES FOR SCIENTIFIC JOURNALS

Official reviewer Khon Kean University College of Agriculture, Department of Animal Science,
April 2019 – Present.

Peer reviewer for many journals within his discipline. Over the past four years, these includes

- Advances in Animal and Veterinary Sciences
- Agriculture and Food Science (Finnish Journal)
- Animal
- Animal Genetics
- Animal Science (British Society of Animal Science)
- Annals of Animal Science
- American Society of Agricultural and Biological Engineers
- BMC Veterinary Research
- Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca
 - Animal Sciences and Biotechnologies
- Canadian Journal of Animal Science
- Canadian Veterinary Journal
- Genetics, Selection and Evolution
- Iranian Journal of Animal Science
- Journal of Agricultural and Food Science (Polish)
- Journal of Animal Science (American Society of Animal Science)
 - Breeding and Genetics Section
 - Applied Animal Science Section
- Journal of Genetis
- Journal of Integrative Agriculture (Formerly Agricultural Sciences in China)
- Professional Animal Scientist
- Journal of Engineering
- Journal of Food Biochemistry
- Journal of Muscle Foods
- Journal of South African Animal Science
- Journal of Swine Health and Production
- Livestock Science
- Meat Science
- PLoS ONE
- Springer Science Reviews

**PROMOTION AND TENURE, PROMOTION, AND POST-TENURE REVIEW SERVICE AT IOWA
STATE UNIVERSITY**

- 2021 Review committee for Animal Science Affiliate faculty member up for consideration for the graduate faculty as an Affiliate Assistant Professor in Animal Science and Animal Breeding and Genetics
- 2020 Preliminary Evaluation Committee member for ISU Animal Science faculty being considered for promotion from Assistant Professor to Associate Professor (Elizabeth Bobeck)
- 2018 External reviewer for candidate being considered for promotion to professor
- 2018 Chair for internal candidate being considered for promotion from associate professor to professor
- 2017 Chair for internal candidate being considered for promotion from associate professor to professor
- 2017 Committee member for candidate under post-tenure review
- 2014 External reviewer for candidate being considered for promotion to professor
- 2014 Chair for internal candidate being evaluated for post-tenure review
- 2013 Chair for internal candidate being considered for promotion to associate professor with tenure
- 2013 External reviewer for candidate being considered for promotion to associate professor with tenure
- 2013 Chair for committee evaluating candidate for collaborator status at the professor level
- 2013 Chair for committee evaluating candidate for collaborator status at the associate professor level
- 2012 Chair for internal candidate being considered for promotion to professor
- 2011 Chair for committee evaluating candidate for collaborator status at the assistant professor level
- 2011 Chair for committee evaluating candidate for collaborator status at the assistant professor level
- 2010 External reviewer for candidate being considered for promotion to professor
- 2010 External reviewer for candidate being considered for promotion to Extension professor
- 2007 Chair for committee evaluating candidate for collaborator status at the assistant professor level
- 2007 External reviewer for candidate being considered for promotion to professor
- 2007 Chair for committee evaluating candidate for collaborator status at the assistant professor level
- 2007 Chair for committee evaluating candidate for collaborator status at the associate professor level
- 2006 External reviewer for candidate being considered for promotion to Extension professor

CONSULTING AND ADVISING OF EXTERNAL GROUPS:

- 2020- Present Genetic Advisory Committee, DNA Swine Genetics, Columbus, Nebraska

INTERNATIONAL ACTIVITIES

November 1997 - Denmark, Sweden, and Finland. Dr. Stalder was a part of a group that studied national swine breeding systems of Denmark, Sweden, and Finland.

July 2000 - Denmark, Sweden, and Finland. Dr. Stalder was a part of a group that studied national swine breeding systems of Denmark, Sweden, and Finland. Additionally, Dr. Stalder presented the paper at the International Congress on Reproduction in Stockholm, Sweden.

August 2001 - Mexico. Dr. Stalder was the faculty representative leading a group of undergraduate students on a study of Mexico's agricultural and food production industries. Many cultural sites were also toured.

January 2002 - Canada. Dr. Stalder assisted a Tennessee seedstock producer who was evaluating the Shamrock Genetics swine breeding cooperative and the performance testing procedures the company utilized.

May 2002 - Vietnam. Dr. Stalder gave a series of genetic lectures as a consultant to the United States Grains Council in Ho Chi Minh City, Can Tho, and Hanoi, Vietnam. Producers, University faculty/Extension workers, and industry representatives were attendees to the seminars. Furthermore, Dr. Stalder studied Vietnamese pork production in a series of farm and industry visits.

August 2002 - France. Dr. Stalder made a presentation while attending the 7th World Congress on Genetics Applied to Livestock Production in Montpellier, France.

November 2003 - Vietnam. Dr. Stalder coordinated and provided training to Vietnamese delegation. This training concerned establishing a Vietnamese breed registration organization, genetic evaluation, ultrasonic determination of carcass merit, and carcass merit systems for determining value of market hogs.

February 2004 - Vietnam. Dr. Stalder gave a series of genetic lectures as a consultant to the National Swine Registry. Producers, University faculty/Extension workers, and industry representatives were attendees to the seminars. Moreover, Dr. Stalder had the opportunity to study Vietnamese pork production in a series of farm and industry visits.

March 2004 - Malaysia. Dr. Stalder presented a series of genetic lectures as a consultant to the National Swine Registry. Producers, University faculty/Extension workers, and industry representatives attended the seminars. Dr. Stalder also had the opportunity to study Malaysian pork production in a series of farm and industry visits.

April 2004 - Finland. The trip was sponsored by the Organization for Economic and Community Development. As a Fellow and Visiting Scientist, Dr. Stalder worked with Finnish researchers on a sow longevity project that resulted in a post-doctoral student working at Iowa State University on sow longevity of F1 females.

March 2005 - Vietnam. Dr. Stalder presented a series of genetic lectures as a consultant to the National Swine Registry. Producers, University faculty/Extension workers, and industry representatives attended the seminars. Dr. Stalder also had the opportunity to study Vietnamese pork production in a series of farm and industry visits.

April 2005 - Philippines. Dr. Stalder presented a series of genetic lectures as a consultant to the National Swine Registry. Producers, University faculty/Extension workers, and industry representatives attended the seminars associated with the 14th Annual Pig Raiser's Convention. Dr. Stalder also had the opportunity to study Philippine pork production in a series of farm and industry visits.

May 2005 – Sweden. Dr. Stalder led his graduate student and post-doctoral student on a study visit to the agricultural producing areas of Sweden. The visit ended in Stockholm with presentations by both students and Dr. Stalder concerning sow longevity at the 2005 European Association for Animal Production scientific meetings.

October 2005 - Malaysia. Dr. Stalder presented a seminar on Risk factors affecting sow culling at the Asia Livestock and Feed Conference held in Kuala Lumpur, Malaysia. Additionally, he served as a consultant to the National Swine Registry at the conference trade show.

March 2006 - Finland. Dr. Stalder and Timo Serenius (post-doctoral student of Stalder's) presented seminars at the FABA Breeding Swine Breeder's Seminar in Nokia, Finland. Additionally, they met with researchers from MTT Agrifood Finland as well as FABA Breeding staff. They were the first international guests of their swine test station. They also visited two nucleus herd farms.

July 2006 - Vietnam and Korea. Dr. Stalder along with another individual served as a consultant to the National Swine Registry (NSR) / U.S. Livestock Genetics Export program and presented seminars on sow body condition and maintaining high health on commercial swine facilities. Additionally, the two consultants and the NSR program leader were able to tour farms and visit with the Korean Animal Improvement Association

August 2006 – Brazil. Dr. Stalder made a presentation to a group of veterinarians and students concerning sow longevity. Additionally, Dr. Stalder was a co-author of five different genetics presentations made at the 8th World Congress on Genetics Applied to Livestock Production in Belo Horizonte, Brazil.

June - August 2007 – Finland. Dr. Stalder received a visiting scientist fellowship from MTT Agrifood Finland. During this period, Dr. Stalder worked on both Extension and Research activities. Translation of the structural soundness posters to the Finnish language occurred and initial work on modeling the growth curve of pigs was accomplished.

October 2007 – Korea. Dr. Stalder served as a consultant to the National Swine Registry (NSR) / U.S. Livestock Genetics Export program and presented seminars on swine testing and genetic evaluation systems (STAGES) and improving meat quality through the use of genetics as a part of the Korean Animal Improvement Association meetings held in Daejeon, Korea.

October 2007- China. Dr. Stalder served as a consultant to the National Swine Registry (NSR) / U.S. Livestock Genetics Export program. Dr. Stalder presented a seminar on sow longevity / sow productive lifetime at the International Livestock and Dairy Expo held in Beijing, China.

March 2008 - Finland. Dr. Stalder gave a presentation on exporting swine genetics at the Finnish Animal Breeding Association (Faba Breeding) 100th Anniversary Annual Conference. Additionally, Dr. Stalder signed a Memorandum of Understanding between the Department of Animal Science at Iowa State University and MTT Agrifood Finland that will facilitate cooperative work between these two groups.

May 2008 - Denmark. Colin Johnson and Dr. Stalder led a group of 11 students on a study abroad trip to Denmark. Students studied all types of agriculture in Denmark including swine and dairy production, green house plant production, and a variety of small grain crop production throughout the country. The trip included visiting many historic sites located throughout Denmark.

June 2008 - China. Dr. Stalder gave a series of seminars on gilt selection as a consultant to the U.S. Grains Council. The activities included both seminars and hands-on selection workshops held throughout pork producing areas of China. These activities included the translation of a series of posters designed to help producers develop a better understanding of gilt selection originally developed for U.S. pork producers and later translated to other languages including Chinese.

August 2008 - Brazil. Dr. Stalder along with a graduate student attended the International Conference of Agricultural Engineering. They presented their applied research work on the environmental impacts on mortalities, injuries, and other defects at harvest. Additionally, they had the opportunity to tour Brazilian agricultural enterprises.

September 2008 - Brazil. Dr. Stalder gave an invited talk at the Pork Expo Brazil and IV International Forum on Swine Production at Parana, Brazil. Dr. Stalder will present his research and extension work related to sow productive lifetime.

October 2008 - Thailand. Dr. Stalder gave an invited talk discussing the on-going research and extension sow productive lifetime activities at ISU to the pork production management team from Chareon Pokphand Foods in Bangkok, Thailand. This group is the largest pork producers in Southeast Asia. Stalder has a colleague he has know since their days at graduate school at Iowa State University in the mid 1990s.

March 2009 – Thailand. Dr. Stalder served as consulting geneticist for the U.S. Livestock Genetics Exports (USLGE) at the VIV Asia tradeshow in Bangkok. In this capacity he was representing the interests of the purebred swine industry in meeting with clients interested in importing seedstock from U.S. purebred breeders.

March 2009 – Finland. Dr. Stalder gave a presentation on the importance of sow longevity at the Finnish Animal Breeding Association (Faba Breeding) Annual Conference. He also had an opportunity to meet with MTT Agrifood Research Finland research staff. In this capacity, he was continuing to foster the cooperative research going on between Iowa State University Department of Animal Science staff and Finnish researchers.

November 2009 – Vietnam, Dr. Stalder presented a seminar covering genetic improvement programs in swine production as a consultant to the United States Grains Council in Ho Chi Minh City, Vietnam. Producers, University faculty/Extension workers, and industry representatives were attendees to the seminars.

- December 2009 – China, Dr. Stalder gave a series of seminars on genetic improvement and sow longevity as a consultant to the United States Grains Council. These seminars were held in Nanchang, Jiangxi Province, Nanning, Guangxi Province, and Guangzhou, Guangdong Province, China. Producers, University faculty/Extension workers, and industry representatives were attendees to the seminars. Dr. Stalder studied Chinese pork production in a series of farm and industry visits. Finally, Dr. Stalder established contacts to begin working on a multi-country genetic project addressing the role that feet and leg soundness plays with sow longevity and are attempting to more accurately identify molecular markers for these traits using Chinese native pig breeds crossed with more conventional western breeds of swine.
- June 2010 – Hosted the first Iowa State University Summer Swine Short Course sponsored by the U.S. Grains Council to train Vietnamese, Chinese, and Philippino pork producers and swine industry personnel. Dr. Bob Thaler from South Dakota State University and I co-chaired the event. In total 22 attendees were trained during the week-long educational event.
- September 2010 – Spain, Dr. Stalder gave a presentation on the economics of sow productive lifetime to a group of large Spanish producers at Madrid Spain as a guest of DSM Nutrition Inc. Additionally, Dr. Stalder met with several of their staff to develop a short video on sow lameness.
- October 2010 – Vietnam, Dr. Stalder presented a seminar covering genetic improvement programs in swine production as a consultant to the United States Grains Council in Ho Chi Minh City, Vietnam. Producers, University faculty/Extension workers, and industry representatives were attendees to the seminars.
- November 2010 – Germany, Dr. Stalder traveled to Germany to serve as the consulting research scientist for the National Hog Farmer Magazine while attending EuroTier and agricultural trade show touted as the largest in the world. Our Objective was to evaluate sow housing equipment that would be used in the US swine industry as we move to pen gestation systems.
- December 2010 – China, Dr. Stalder was an invited speaker the Animal Breeding and Genetics group at Houzhong Agricultural University located in Hubei Province and in the town of Wuhan. HAU is touted at the second leading agricultural university in China only behind Beijing Agricultural University. Stalder provided 5 individual 2 hour long seminars ranging from statistics to animal breeding to swine production. The lectures were given to graduate students and faculty of the animal breeding and genetics group.
- June 2011 – Hosted the Second Annual Iowa State University Summer Swine Short Course sponsored by the U.S. Grains Council to train Vietnamese and Chinese pork producers and swine industry personnel. Dr. Bob Thaler from South Dakota State University and I co-chaired the event. In total 36 attendees were trained during the week-long educational event.
- February 2012 and April 2012 – Invited speaker to the Manitoba Pork Conference in Winnipeg and to the University of Alberta Swine Breeding and Management Workshop in Edmonton. Both talks covered different topics related to sow productive lifetime / sow longevity.
- June 2012 – Hosted the Third Annual Iowa State University Summer Swine Short Course sponsored by the U.S. Grains Council to train Chinese pork producers and swine industry personnel. Dr. Bob Thaler from South Dakota State University and I co-chaired the event. In total 14 attendees were trained during the week-long educational event.

- April 2013 – Attended the Pig Breeder Roundtable meetings at the University of Kent Canterbury, UK. Meeting was attended by about 30 geneticists from around the world.
- June 2013 – Hosted the Fourth Annual Iowa State University Summer Swine Short Course sponsored by the U.S. Grains Council to train Chinese pork producers and swine industry personnel. In total 14 attendees were trained during the week-long educational event. The producers represented some of the largest swine producers in China who were looking to establish an integrated production system.
- May 2014 – Hosted the Fourth Annual Iowa State University Summer Swine Short Course sponsored by the U.S. Grains Council to train Chinese pork producers and swine industry personnel. In total 14 attendees were trained during the week-long educational event. The producers represented some of the largest swine producers in China who were looking to establish an integrated production system.
- June 2014 – Hosted the Fifth Annual Iowa State University Summer Swine Short Course sponsored by the U.S. Grains Council to train Chinese pork producers and swine industry personnel. In total 12 attendees were trained during the week-long educational event. The producers represented some of the largest swine producers in China who were looking to establish an integrated production system.
- September 2014 – Norway. Traveled to Norway to act as an opponent to Torunn Assmundstad's PhD defense at the Norwegian University of Life Sciences in As.
- June 2015 – Hosted the Sixth Annual Iowa State University Summer Swine Short Course. The producers that attended and New Hope a large Chinese feed and pork production company sponsored this year's program. In total 14 attendees were trained during the week-long educational event. The producers represented some of the largest swine producers in China who were looking to establish an integrated production system.
- June 2017 – Hosted the Seventh Iowa State University Summer Swine Short Course. The producers that attended and New Hope a large Chinese feed and pork production company sponsored this year's program. In total 20 attendees were trained during the three-day long educational event. The producers represented some of the largest swine producers in China who were looking to establish an integrated production system.
- October 2017 – Invited speaker to the VIII Congress of the Grupo de Intercambio Tecnológico de Explotaciones Porcinas. Rosario, Argentina, October 2017. The congress is Argentina's major pork conference for producers and industry. Over 500 people were in attendance. The producers represented all of the major pork producers in Argentina.
- November – 2017 Invited speaker to the Yongxin Farms Conference, Guangxi Yongxin Farms, Nanning City, China, and for the Future Leaders of Young Veterinarians (FLY-V Seminars). Zengzhou City, China. Over 6 hours of untranslated educational materials were developed to deliver to these two groups representing the young leaders of the Chinese pork industry. November 2017.
- May 2018 – Hosted a small group of producers from Japan for a two-hour meeting. They were in the U.S. looking for breeding stock and stopped by ISU to discuss current issues impacting commercial swine production in Japan and the U.S. There were 6 producers in attendance along with their host, Mr. Hiromi Hirono.

- June 2018 – Hosted the Seventh Iowa State University Summer Swine Short Course. This year's event was held on a single day just before the World Pork Expo. In total 11 attendees were trained during the three-day long educational event. Once again, the producers represented some of the largest swine producers in China who were looking to establish an integrated production system.
- June 2018 – Hosted a group of pork producers from the Frieden Group. This is a group of pork producers including nucleus and multiplication breeders. They were interested in the research going on at Iowa State concerning sow longevity. Additionally, they wanted to discuss challenges that are common to the U.S. and Japanese pork industries.
- October 2018 – Hosted Japanese group at the Iowa Pork Industry Center to discuss the development of the U.S. pork checkoff system. The Japanese pork industry is considering developing their own producer funded checkoff system to support their industry and wanted to learn how the University interacts with commodity groups here in the U.S.
- April 2019 – Invited speaker to the genetics group at the Department of Animal Science, College of Agriculture, Khon Kean University, Khon Kean Thailand. The trip was a part of my responsibilities from Iowa State University with the Thai Research Fund and the Royal Golden Jubilee Program at KKU. Established my role as an official reviewer of manuscripts that are being prepared to submit to scientific journals for publication consideration.
- May 2019 – Visited with a South American producer delegation interested in learning more about modern U.S. pork production. I discussed modern swine production methods, pig flow, industry practices, etc. Additionally, they wanted to discuss common issues facing U.S. and South American pork producers.
- June 2019 - Hosted a group of pork producers from Global Pig Farms. This is a group of pork producers including nucleus and multiplication breeders. They were interested in the research going on at Iowa State concerning sow housing and sow longevity. Additionally, they wanted to discuss common issues facing U.S. and Japanese pork producers.
- November 2019 – Hosted a small group of the Chinese pork industry including the Chief Technology Officers for New Hope Farms and Guangxi State Farm Group Company Ltd. Other attendees included a geneticist and a Veterinarian. The group discussed the latest research occurring in Animal Science, Agriculture and Biosystems Engineering, and Veterinary Diagnostic and Production Animal Medicine. Additionally, a discussion regarding planning the research priorities to be completed in China by the respective groups in the next 12 to 18 months.
- March 2020 – Completed a newsletter article for Japanese swine producers sent out by Swine Genetics International with Shoki Hirano as lead editor.
- Summer 2020 – Worked with DSM Japanese representatives to publish the latest feet and leg soundness poster in Japanese and distributed with a major Japanese publication for commercial swine producers. The original poster was developed in the US in cooperation with DSM, USA and distributed by DSM technical service representatives

INSTITUTIONAL SERVICE

ISU PERSONNEL RECORD

Member of the Animal Breeding and Genetics Group

Member of the Animal Physiology Group

Graduate Faculty Member

Animal Science

Animal Breeding and Genetics

Center for Integrated Animal Genomics

COMMITTEE SERVICE

DEPARTMENTAL COMMITTEES

Internal leadership committee 2021 – Present

Section leader, Animal Breeding and Genetics, 2021 - Present

Faculty Governance Committee – committee member, 2020 - Present

Graduate Education & Affairs Committee – committee member, 2019 - Present

Departmental faculty senate representative caucus substitute faculty senator (replacing Dr.

Elisabeth Lonergan who is on faculty improvement leave) August 2021 - December 2021.

Student Club Advisor – Swine Production Advocates faculty advisor – 2019 - Present

Animal Health and Welfare Certificate development committee. 2021

Search committee member for the Swine teaching, research, and extension position, 2017

Position description defining committee member swine teaching, research, and extension position, 2017

Search committee member for the Iowa Pork Industry Center Administrative Specialist, 2015.

Post Tenure Review Committee (served as Chair) for Animal Science faculty member undergoing post-tenure review evaluation, 2014.

External Evaluation Committee member for A North Carolina State University faculty member going from Assistant Professor to Associate Professor with tenure, 2013

Preliminary Evaluation Committee (served as Chair) for Animal Science faculty member going from Assistant Professor to Associate Professor with tenure, 2013

Preliminary Evaluation Committee (served as Chair) for an industry person seeking collaborative status in the Department of Animal Science at the Full Professor Level, 2013 (DB)

Preliminary Evaluation Committee (served as Chair) for an industry person seeking collaborative status in the Department of Animal Science at the Full Professor Level, 2013 (RN)

Post-Tenure Review Committee (member), for full Professor faculty member in Animal Science 2013

Preliminary Evaluation Committee (served as Chair) for Animal Science faculty member going from Associate Professor to Full Professor, 2012

Preliminary Evaluation Committee (served as Chair) for Dr. Justin Fix to serve as an Iowa State University Department of Animal Science Collaborator, 2012

Electronic Teaching Materials, Facilities and Equipment (member), Department of Animal Science, 2012 - 2015

Iowa Swine Day Organizing Committee, Department of Animal Science, 2012 – Present.

Iowa Swine Day Fund Raising Committee, Department of Animal Science, 2012 – Present.

Lauren Christian Endowment Graduate Scholarship Committee, Department of Animal Science, 2012

Preliminary Evaluation Committee for Dr. Mike Persia, Assistant Professor of Animal Science, Iowa State University 2012

Graduate Curriculum committee, Department of Animal Science, 2011 – Present.

Graduate coordinator, Animal Science Major, Department of Animal Science, Iowa State University, 2011 – Present.

Preliminary Evaluation Committee (served as Chair) for Dr. Mark Whitney to serve as an Iowa State University Department of Animal Science Collaborator, 2011

Iowa State University Department of Animal Science Animal Industry Report Editor, 2010 - 2011

Iowa State University Swine Extension Program of Work, committee member, 2010-Present

Communications Standing Committee, Department of Animal Science, Iowa State University, 2009-2011.

Animal Science Graduate Committee, 2011 – Present

Animal Science Graduate Committee, Scholarship Review Committee, 2011 - Present

Animal Science Graduate Major Admissions Committee, 2011-Present, Chair, 2011-Present

Animal Breeding and Genetics Graduate Admissions Committee, 2009-Present.

Search-Screening Committee, Department of Animal Science Applied Animal Nutrition Position, 2007-2008.

Lauren L. Christian Swine Genetic Symposium Program Committee, Chair, 2007.

Animal Science Subcommittee on Extension Scholarship, 2006.

Iowa Pork Industry Center Extension Program of Work Development Committee, 2006-Present.

Search-Screening Committee, Veterinary Diagnostic and Production Animal Medicine Faculty Position, Iowa State University, 2005.

Faculty Governance, Department of Animal Science, Iowa State University, 2004-Present, Chair 2009- Present.

Iowa State University Department of Animal Science and Iowa Pork Producer Association Master Pork Producer Selection Committee, 2003-Present.

Iowa Feed and Nutrition Seminar University Coordinator, 2003-2012.

Animal Industry Report Committee, Department of Animal Science, Iowa State University, 2003-2013.

Display Case Exhibits Committee, Department of Animal Science, Iowa State University, 2003.

Chuck Wagon Breakfast Committee, Department of Animal Science, Iowa State University, 2003-Present (Chair 2005-2006).

Swine Advisory Group for Extension, Research and Teaching, University of Tennessee, 2001-2003.

Search-Screening Committee, Quantitative Genomics Faculty Position, Department of Animal Science, University of Tennessee Department of Animal Science, 2001-2002.

Animal Science Annual Report Subcommittee of IT Committee, Department of Animal Science, University of Tennessee, 2001-2002.

Animal Science Annual Report Subcommittee of IT Committee, Department of Animal Science, University of Tennessee, 2001-2002.

Animal Science Department Standing Graduate Committee, University of Tennessee, 2000-2003.

Research Subcommittee of Animal Science Reorganization Steering Committee, Department of Animal Science, University of Tennessee, 2000.

Search-Screening Committee, PC Support Specialist, Western District, University of Tennessee Agricultural Extension Service, 1999.

Search-Screening Committee, Swine Manager Position, University of Tennessee Experiment Station, 1999.

Search-Screening Committee, Extension 4-H Livestock Specialist, University of Tennessee Agricultural Extension Service, 1999.

University of Tennessee 4-H Swine Curriculum Review Committee, University of Tennessee Agricultural Extension Service, 1996-2003.

University of Tennessee Western District 4-H Swine Show Committee, 1996-2001 (program ended).

Animal Science Department Computer Funds Allocation Committee, Iowa State University, 1994-1995.

INSTITUTE AND COLLEGE COMMITTEES

Faculty Senate, Iowa State University, 2021, (substituted for fellow faculty member who was on professional leave)

College of Agriculture and Life Sciences Faculty Senate Caucus Committee, 2021 (substituted for fellow faculty member who was on professional leave)

College of Agriculture and Life Sciences, Hatch proposal review committee, 2020

Sigma Xi, Iowa State Chapter, Executive Committee, 2018 - Present

Iowa State representative to the International Research Network group funded by the Thailand Research Fund, 2018 - Present

Iowa State University Faculty Development and Administrative Relations Council, 2012-2015

Faculty Senate, Iowa State University, 2009-2015

College of Agriculture and Life Sciences Faculty Senate Caucus Committee, 2010-2016

Iowa State University Faculty Governance Committee, 2009-2012, Chair 2010-2012

Iowa State University Faculty Senate Administrative Committee, 2010-2012

Iowa State University Faculty Senate Executive Board, 2010-2012

Iowa State University Policy Library Advisory Committee, 2010-2012

Iowa State University Promotion and Tenure Task Force Committee, 2010-2012

Program Committee for “Mitigating Air Emissions from Animal Feeding Operations” Conference, Iowa State University, 2007-2008

Manure Applicator Certification Advisory Committee, Iowa State University, 2004-Present.

College of Agriculture Extension Air Quality Committee, Iowa State University, 2003- 2013. Extension Service, 1999-2003.

College of Agriculture Air Quality Committee, Iowa State University, 2003-2013.

Tennessee Animal Waste Management Priority Program Team, University of Tennessee Agricultural Extension Service, 1998-2003.

Management / Marketing Priority Team, University of Tennessee Agricultural Extension Service, 1996-1998.

Information Infrastructure, University of Tennessee Agricultural Extension Service, 1996-1997.