

MARK S. HONEYMAN

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EDUCATION

Doctor of Philosophy Degree, May 1989	Major: Animal Science; Animal Nutrition
Master of Science Degree, December 1983	Major: Animal Science; Animal Production
Bachelor of Science Degree, May 1977	Major: Animal Science
Iowa State University, Ames, Iowa 50011	

PROFESSIONAL EXPERIENCE

2012 to present

Executive Director, Committee for Agricultural Development

A non-profit organization founded in 1943 that owns 3,000+ acres with a mission to produce seed originating from the Iowa Experiment Station; to distribute germplasm and other research products to the public; and to acquire and maintain adequate land for current and future unspecified needs of the College of Agriculture and Life Sciences, Iowa State University.

Executive Director, ISU Agricultural Endowment

A non-profit corporation that manages a \$3 million endowment to help the ISU College of Agriculture and Life Sciences enhance its capacity to meet the needs of students and selected programs to benefit agriculture.

2011 to present

Associate Director, Bio Century Research Farm, Iowa State University

2011 to 2012

Interim Director, Leopold Center for Sustainable Agriculture, Iowa State University.

General oversight and direction for a center with 10 employees, 900 active grants, and \$1.5 million of competitive grants.

2003 to present

Professor, Animal Science Department and Agricultural Education and Studies Department, Iowa State University.

Responsibility for advising graduate students and teaching animal science courses in nutrition and management. Conduct applied swine research and demonstrations.

1994 to present

Coordinator, ISU Research and Demonstration Farms, Agriculture and Home Economics Experiment Station, Iowa State University. Responsibility for budget, personnel, public relations, programming, and coordinating activities of research and demonstration farms with a \$10 million budget, 49 full time employees and 15,000 acres. The farms serve the state of Iowa with agricultural research and demonstration in the subject matter disciplines of agronomy, animal science, agricultural engineering, horticulture, entomology, weed science, plant pathology, forestry, and agricultural economics. Also, since 2009, includes oversight of University Compost Facility, Wallace Learning Center, and Borlaug Learning Center. Continuing duties listed below.

1996 to 2003

Associate Professor, Animal Science Department and Agricultural Education and Studies Department.

Responsibility for advising undergraduate students and teaching animal science courses in nutrition and swine management. Conduct applied swine research and demonstrations. Responsible for swine teaching farm since 1998.

1991 to 1996

Assistant Professor, Animal Science Department and Agricultural Education and Studies Department.

Responsibility for advising undergraduate students and teaching animal science courses in nutrition and swine management. Conduct applied swine research and management.

1985 to 1994

Coordinator, Outlying Research System, Agriculture and Home Economics Experiment Station, Iowa State University.

Responsibility for budget, personnel, public relations, programming and coordinating activities of 12 agricultural research farms with a total operating budget of \$3.5 million and 6,000 acres.

Continuing duties

Represent the experiment station to eight regional agricultural research associations that cooperate in supporting agricultural research and ownership of research farms.

Assist and facilitate about 150 researchers, extension personnel, and graduate students from the various disciplines (previously listed) in design, coordination, and implementation of about 500 projects on the Research Farms.

Serve as liaison between experiment station administration, cooperative extension staff, ag research support systems and local agricultural groups. Coordinate preparation of annual progress reports for each research farm.

RESEARCH PUBLICATIONS**58 articles and publications including 14 in the last 5 years (partially listed).**

Lammers, P. J., B. J. Kerr and **M. S. Honeyman**. 2015. Biofuel co-products as swine feed ingredients: Combining corn distillers dried grains (DDGS) and crude glycerin. *Animal Feed Science and Technology* 201:110-114.

Lammers, P.J., M.D. Kenealy, J.B. Kliebenstein, J. D. Harmon, M.J. Helmers, and **M.S. Honeyman**. 2012. Energy use in pig production: An examination of current Iowa systems. *Journal of Animal Science* 90:1056–1068.

Johnson, A. K., S.M. Lonergan, W.D. Busby, S.C. Shouse, D.L. Maxwell, J.D. Harmon, and **M.S. Honeyman**. 2011. Comparison of steer behavior when housed in a deep-bedded hoop-barn versus an open feedlot with shelter. *Journal of Animal Science* 89:1893–1898.

Lammers, P.J., **M.S. Honeyman**, J.D. Harmon, and M.J. Helmers. 2010. Energy and carbon inventory of Iowa swine production facilities. *Agricultural Systems* 103:551–561.

Honeyman, M.S., W.D. Busby, S.M. Lonergan, A.K. Johnson, D.L. Maxwell, J.D. Harmon, and S.C. Shouse. 2010. Performance and carcass characteristics of finishing beef cattle managed in a bedded hoop-barn system. *Journal of Animal Science* 88:2797–2801.

Lammers, P.J., **M.S. Honeyman**, J.D. Harmon, J.B. Kliebenstein, and M.J. Helmers. 2009. Construction resource use of two different types and scales of Iowa swine production facilities. *Applied Engineering in Agriculture* 25(4):585–593.

Morrill, J.R., **M.S. Honeyman**, J.D. Harmon, T.J. Baas, and C.R. Schwab. 2008. Evaluating finishing pig growth during summer and winter in bedded hoop and confinement buildings. *Applied Engineering in Agriculture* 24(1):79–85.

Lammers, P.J., **M.S. Honeyman**, J.B. Kliebenstein, and J.D. Harmon. 2008. Impact of gestation housing system on weaned pig production cost. *Applied Engineering in Agriculture* 24(2):245–249.

Honeyman, M.S., J.D. Harmon, S.C. Shouse, W.D. Busby, and D.L. Maxwell. 2008. Feasibility of bedded hoop barns for beef cattle in Iowa: Cattle performance, bedding use, and environment. *Applied Engineering in Agriculture* 24(2):251–256.

Lammers, P.J., B.J. Kerr, T.E. Weber, W.A. Dozier III, M.T. Kidd, K. Bregendahl and **M.S. Honeyman**. 2008. Digestible and metabolizable energy of crude glycerol for growing pigs. *Journal of Animal Science* 86:602–608.

Abstracts**51 abstracts****EXTENSION PUBLICATIONS****147 articles primarily on alternative livestock production systems and alternative feeds.****TEACHING EXPERIENCE at IOWA STATE UNIVERSITY since 2000**

AnS 312X, 3 credits. Livestock Systems for Niche Markets. 2008, 2011, 2012. 50% responsibility in 2012 (40 students/year).

AnS 425, 3 credits, Swine Management, 1994-2010. 100% responsibility (60 students per year, 1200 students total).

AnS 326X, 3 credits. Biorenewable Systems. 2008. 5% responsibility (40 students).

AnS 603, Required credit. Seminar in Animal Nutrition. 2008, 2010. (20 students each offering).

AnS 518, 3 credits. Adv. Non-Ruminant Nutrition, 2001, 2002, 2005. 20% responsibility (15 students per year).

SusAg 515, 3 credits. Integrated Crop and Livestock Production Systems, 2001, 2003, 2005, 2007. Guest Lecturer.

SusAg 509, 3 credits. Agroecosystems Analysis. 2005, 2006. Guest Lecturer (20 students per year).

AnS 501, 1 credit. Survey of Animal Science Disciplines, 2001-2010. Guest Lecturer (20 students).

