

Date: September 1, 2015

**VITA**

David A. Hennessy

Department of Agricultural, Food, and Resource Economics  
Michigan State University

*and*

Department of Economics, and  
Center for Agricultural and Rural Development  
Iowa State University

<u>DEGREES HELD</u>	<u>INSTITUTION</u>	<u>DATE</u>
Doctor of Philosophy College: Agriculture Department: Economics Major: Agricultural Economics	Iowa State University	1993
Master of Agricultural Science Department: Applied Agricultural Economics and Rural Sociology	University College Dublin National University of Ireland	1989
Bachelor of Agricultural Science Department: Applied Agricultural Economics and Rural Sociology	University College Dublin National University of Ireland	1987

**PROFESSIONAL EXPERIENCE**

<u>Position</u>	<u>Institution</u>	<u>Inclusive Dates</u>
Elton R. Smith Professor in Food & Agricultural Policy	Dept. of Agricultural, Food and Resource Economics Michigan State Univ.	Summer 2015- present
Professor	Dept. of Economics, and CARD associate, Iowa State Univ.	Summer 2001- present
Associate Professor	Dept. of Economics, Iowa State Univ.	Summer 1999 -Summer 2001
Assistant Professor	Dept. of Economics, Iowa State University	Aug. 1996-Summer 1999
Assistant Professor	Dept. of Agric. Economics Washington State Univ.	Nov. 1993-Aug. 1996
Research Associate	Dept. of Economics, Iowa State University	Sept. 1993-Nov. 1993
Graduate Student	Dept. of Economics, Iowa State University	Aug. 1989-Sept. 1993
Research Associate	Irish Agricultural Research Institute and St. Patrick's	June 1988-Aug. 1989

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College, Maynooth,  
National University of Ireland

### **PERSONAL DATA**

Married to Hongli Feng/Hennessy: son Fergal, daughter Meabh, daughter Deirbhile.  
History: Born in Waterford City, Ireland. Grew up in New Ross, Co. Wexford, Ireland, where my parents farm beef cattle and barley. Irish and United States citizenships.

### **Teaching Experience**

Applied Commodity Markets for upper level undergraduates; Commodity Markets and Derivatives at Graduate Level; Business Economics for Agribusiness for upper level undergraduates; Risk and Dynamics in Production; Supply and Demand Analysis; Business Economics for MBA students.

### **Advising Experience**

Graduated students on whose committees I served (at Iowa State University):

#### **Ph.D: Major Professor (completed, 9)**

- Juan Manuel Murguía Baysse (Summer 2013, co-major with Sergio Lence and Markus Mobius): Thesis title “Essays on Agricultural, Financial and Education Economics.”  
Zheng Xu (Fall 2012, co-major with Song Xi Chen, Dept. of Statistics): Thesis title “Studies on the GMO Effects on Crop Yields, the Effects of Pricing Errors on Implied Volatilities and Smoothing for Seasonal Time Series with a Long Cycle.”  
Tong Wang (Fall 2012): Thesis title “Essays on the Economics of Disease, with Particular Reference to Livestock.”  
Ruiqing Miao (Spring 2012): Thesis title “Essays on Investments into New Technologies—Policy, Information, and Learning.”  
Huan Zhao (Fall 2011, co-major with Leigh Tesfatsion): Thesis title “Four Studies on Beef Industry and Restructured Electricity Markets.”  
Sanchita Sengupta (Fall 2010, co-major with Cathy Kling): Thesis title “Three Essays in Environmental and Agricultural Issues.”  
Xiaodong Du (Fall 2008, co-major with Dermot Hayes): Thesis title “Essays on Land Cash Rents, Biofuels Markets, and their Interactions.”  
Alexander Saak (Fall 2001): Thesis title “Four Essays on Agricultural Finance and Biotechnology.”  
Jutta Roosen (Spring 1999): Thesis title “Economic Analysis of Pesticide Regulation in the U.S. Apple Industry.”

#### **Ph.D: Committee Membership (completed, 28)**

- Miyoung Oh (Fall 2014), Jinzhi Xiao (Fall 2013), Hailong Jin (Spring 2013), Yuan Li (Fall 2012), Ranojoy Basu (Spring 2012), Abhishek Somani (Fall 2011), Luisa Menapace (Summer 2010), Lihong Lu McPhail (Spring 2010), Jing Liang (Spring 2010), Hongyan Li (Elec. Eng., Fall 2009), Guillermo Gutiérrez-Alcaraz (Elec. Eng., Summer 2009), Harold Salazar Isaza (Elec. Eng., Summer 2008), Li Zhang (Spring 2008), Nicholas Paulson (Spring 2007), Chengyan Yue (Fall 2006), Yong Jiang (Elec. Eng., 2006), Shu Lui (Elec. Eng., Spring 2006), Wei Shao (Elec. Eng., Spring 2006), Badri Ramanathan (Elec. Eng., 2005), Yong-Hwan Noh (Spring 2005), Deddy Koesrindartoto (Spring 2005), Xiaoming Wang (Elec. Eng., 2005),

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Wang Yu (Elec. Eng., Fall 2005), WeiGou Yang (Elec. Eng., 2003), Oya Erdogdu (Fall 2002), Charles Mason (2000), Jean-Philippe Gervais (Spring 1999), Paul Mitchell (1999), Charles Richter (Elec. Eng., Fall 1998).

MS: Major Professor (completed, 12)

Fatma Sine Tepe (Summer/Fall 2009, MS in Economics): Thesis title “Biofuel Policy and Stock Price in Imperfectly Competitive Markets.”

Emre Aylar (Spring 2009, MS in Economics): Creative component title “Determinants of Farmland Values in the State of Iowa: A County-Level Panel Data Analysis of Farmland Values in Iowa.”

Licheng Jin (Fall 2007, MS in Econ.): Creative component title "Spatial Market Integration Upon Expanding PJM Electricity Market."

Mei-Peng Cheong (Fall 2006, MS in Econ.): Creative component.

Chin-Chuen Teoh (Spring 2006, MS in Econ.): Creative component.

Badri Ramanathan (Spring 2006): Creative component.

Sung-Joo Yoon (2005): Creative component.

Wang Yu (Spring 2004): Creative component.

Matthew Miller (2003): Thesis title “An Economic Perspective on Iowa Farm-Level Diversification in the 20<sup>th</sup> Century.”

Oya Erdogdu (Spring 2002): Creative component.

Hyuk-Joon Ko (2000): Creative component.

Yan Liu (Spring 2000, co-supervised with Helen Jensen): Creative component.

MS: Committee Membership (completed, 27)

Timothy Lenell (Fall 2012), Anurag Sobti (Math., Summer 2012), Qiye Sun (Fall 2009), Jing Liang (Fall 2008), Feng Gao (Fall 2008), Harold Salazar Isaza (Fall 2008), Gang Shen (Spring 2008), Shu Lui (Fall 2007), Kelsey Wittenberger (Fall 2007), Bryan Lindley (joint program in Anim. Sci. and Econ., 2007), Nicolas Acevedo Velez (2006), Dan Yang (Fall 2006), Kory Hedman (2006), Mei-Peng Cheong (Elec. Eng., Fall 2004), Chin-Chuen Teoh (Elec. Eng., Fall 2004), Antara Jaitly (Fall 2004), Ravi Vasikarla (Fall 2004), Derek Lane (Elec. Eng., Spring 2003), Keita Fukunaga (Spring 2003), Valintin Petrov (Elec. Eng., Spring 2002), Deddy Koesrindartoto (2001), Luis C. Gonzalez (Spring 2001), James Nicolaisen (Elec. Eng., 2001), Shah Rashid (Bus., Spring 2001), Sung-Joon Park (Spring 1999), Andrei Smilenov (Spring 1998), Godfred Yeboah (Fall 1999).

Third Year Paper (completed, 5 as supervisor or co-supervisor and 2 as second reader)

Supervisor for Juan Murguia (Summer 2011), Tong Wang (Spring 2009), Huan Zhao (Spring 2009), Zheng Xu (Fall 2008), and Xiaodong Du (Spring 2008). Co-supervisor of Edward Perry (Fall 2013). On committee of Jie He (Fall 2005), Ruiqing Maio (Spring 2009).

Graduate Student Teaching Certificate, or GSTC

Supervisor for Ruiqing Miao, 5 course program to prepare for third level teaching (Fall 2010)

**Positions taken by Former Graduate Students where I served as Major Professor**

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- Tong Wang (Fall 2012, Ph.D), Assistant Professor at Dept. of Economics, South Dakota State University, Brookings.
- Ruiqing Miao (Spring 2012, Ph.D), Assistant Professor at the Dept. of Agricultural Economics and Rural Sociology, Auburn University, Auburn, Alabama.
- Juan Manuel Murguia Baysse (Summer 2013, Ph.D), Assistant Professor at the Dept. of Agribusiness and Applied Economics, North Dakota State University, Fargo.
- Zheng Xu (Fall 2012), Post-Doctoral Research Associate in genetic epidemiology, University of North Carolina, Chapel Hill, North Carolina.
- Huan Zhao (Fall 2011, Ph.D), Electricity Market Analyst, ISO New England, Holyoke, MA.
- Sanchita Sengupta (Fall 2010, Ph.D), Energy Services Analyst, Cadmus Group, Inc., Portland Oregon.
- Fatma Sine Tepe (Summer/Fall 2009, MS). Ph.D student in Economics at University of Houston.
- Emre Aylar (Spring 2009, MS). Ph.D student in Economics at University of Washington.
- Xiaodong Du (Ph.D, Fall 2008), Assistant Professor at the Dept. of Agricultural and Applied Economics, University of Wisconsin, Madison.
- Licheng Jin (MS, Fall 2007), Electricity Market Analyst, California ISO, Folsom, CA.
- Mei-Peng Cheong (MS, Fall 2006), Ph.D student in Electrical Engineering, Portland State University.
- Chin-Chuen Teoh (MS, Spring 2006), Ph.D student in Electrical Engineering, Portland State University.
- Badri Ramanathan (MS, Spring 2006), Utility Industries analyst and Power Market Trader, Exelon Corp., Chicago, IL.
- Sung-Joo Yoon (MS, 2005), Ph.D Student in Economics, Indiana University.
- Wang Yu (MS, Spring 2004), Utility Industries analyst, Risk Management Group, Constellation Energy Corp., Baltimore, MY.
- Miller, Matthew (MS, 2003), USDA/NASS Statistician in Columbus MO.
- Alexander E. Saak (Ph.D, Fall 2001), now at the International Food Policy Research Institute (IFPRI), Washington, DC. Formerly, Assistant Professor at the Dept. of Agricultural Economics, Kansas State University, Manhattan KS.
- Oya Erdogdu (MS, Spring 2002), Lecturer, Ankara University, Turkey.
- Ko, Hyuk-Joon (MS, 2000), MS in Finance at Cornell, and then Debt Analyst at LG Securities, South Korea.
- Yan Liu (MS, Spring 2000), Research Statistical Analyst, Harvard School of Medicine, Boston, MA.
- Jutta Roosen (Ph.D, Spring 1999), now Professor and head of unit at the Dept. of Food Economics and Consumption Studies, Technical University of Munich, Munich, Germany.

### **Honors, etc.**

Listed as one of five among all economists that graduated in 1987-1995 window with highest Ellison Hirsch-like index in comparison with Field, Age, School peers. Ellison, G., *American Economic Journal: Applied Economics*, 2013, 5(3):63-90. See Table 6 in <http://pubs.aeaweb.org/doi/pdfplus/10.1257/app.5.3.63>  
*Who's Who in America*®, 2011 Edition, Marquis.  
Fellow, Agricultural and Applied Economics Association (AAEA), 2010.  
Ranked 1<sup>st</sup> among 1,537 Ph.D students graduating from the Top 22 U.S. Agricultural and

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Resource Economics Granting Programs from 1987-2000, according to Hilmer, C.E., and M.E. Hilmer, "On the Relationship between the Student Advisor Match and Early Research Productivity for Agricultural and Resource Economics Ph.Ds." *American Journal of Agricultural Economics*, 89(February 2007):162–175. See online appendix at <http://agecon.lib.umn.edu/>.

Ranked 17<sup>th</sup> as advisor of Ph.D students graduating from the Top 22 U.S. Agricultural and Resource Economics Granting Programs from 1987-2000, according to Hilmer & Hilmer. See online appendix at <http://agecon.lib.umn.edu/>.

American Agricultural Economics Association, Food Safety and Nutrition Section, award winner for *Best Economics Paper* published 2006, for paper with title "Regulatory Actions Under Adjustment Costs and the Resolution of Scientific Uncertainty." Co-written with G. Moschini, *American Journal of Agricultural Economics*, 88(May 2006):308–323.

Invited nominator for the MacArthur Fellows Program, 2007.

Invited nominator (by the Center for Financial Studies) for the 'Deutsche Bank Prize in Financial Economics', 2007, 2009, 2011, 2013, and 2015.

Research Fellow, *Rural Development Research Consortium* (centered at University of California, Berkeley), 2003-present.

Iowa State University, College of Agriculture, Award for *Early Achievement in Research*, 1999-2000.

Western Agricultural Economics Association award winner for *Outstanding Published Research*, 1995, for paper with title "Microeconomics of Agricultural Grading: Impacts on the Marketing Channel." *American Journal of Agricultural Economics*, 77(November 1995):980–989.

E.O. Heady award for *Academic Excellence in Agricultural Economics* (incoming graduate student), Iowa State University 1989.

### **Certification**

Certificate of Completion. The National Institutes of Health (NIH) Office of Extramural Research Web-based training course "Protecting Human Research Participants". Date of completion: 02/16/2015. Cert. No. 1699418.

### **National and International Panels**

INRA, French National Institute for Agricultural Research, Meta Program on Multi-scale modelling, from animal Intra-Host to Metapopulation (MIHMES). Scientific Advisory Board (SAB) member, 2015-present.

INRA, French National Institute for Agricultural Research, Meta Program on Sustainable Management in Animal Health (GISA). Scientific Advisory Board (SAB) member, 2013-present and visited July 10-11, 2013.

National Academies of Sciences, National Research Council Board on Agric. & Nat'l Resources, Committee for the Analysis of the Requirements and Alternatives for Foreign Animal and Zoonotic Disease Research and Diagnostic Laboratory Capabilities, 2012. See report McElwain, T., Connell, N., Hennessy, D.A., King, L.A., Le Duc, J., MacLachlan, N.J., Marsh, B., Salman, M., Torres, A., and C. Wolf. 2012. "Meeting Critical Laboratory Needs for Animal Agriculture: Examination of Three Options" Committee on an Analysis of the Requirements and Alternatives for Foreign Animal and Zoonotic Disease Research and Diagnostic Laboratory Capabilities; Board on Agriculture and Natural Resources; Board on

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Life Sciences; Division on Earth and Life Studies; National Research Council, Washington, DC, June, 166 pages, [https://download.nap.edu/catalog.php?record\\_id=13454](https://download.nap.edu/catalog.php?record_id=13454)

United States Department of Agriculture and Environmental Protection Agency Committee on Biologic and Economic Assessment of the Use of Pesticides on United States Apples, 1995-1999.

**Departmental Service:**

*At Michigan State University*

*Review Committees:*

Chair, PhD Thesis Selection Committee, 2015-2016.

*Graduate Program:*

Hennessy, D.A. "The trouble with crop yield tail correlations; searching for geographic regularities." Ten minute talk to incoming graduate students, followed by questions, Sept. 1, 2015.

*At Iowa State University*

*Search and Related Committees:*

Member, Search Committee for Joint Economics and Finance position on Ag. Finance and Real Estate, 2014-.

Member, Departmental Chair Search Committee, 2014-2015.

Member, Departmental Chair Search Committee, 2013-2014, disbanded.

Member, Center for Agricultural and Rural Development Director Search Committee, 2012-'13.

Chair, Livestock Extension Faculty Search Committee, 2010.

Member, Trade/Theory/Labor/Macroeconomics Faculty Search Committee, 2008-09.

Member, Behavioral Economics Faculty Search Committee, 2007-08.

Co-Chair, Behavioral Economics Faculty Search Committee, 2006. Search discontinued at direction of Dean due to budget constraints.

Member, Departmental Executive Officer Search Committee, 1999-2000.

Member, Staff Planning and Recruiting Committee (1997-99 and 2006-15).

*Mentorships:*

Mentor for Assistant Professor Sébastien Pouliot.

Co-mentor for Assistant Professor Philippe Marcoul.

*Review Committees:*

Member, 2010-'11 External Review Subcommittee on Research Mission.

Member of Departmental Promotion and Tenure Committee, 1999-2003, 2005-2006, and 2007-2009.

Member of Post-tenure Review Committee for GianCarlo Moschini (2015), Cathy Kling (2014), Harvey Lapan (2012), John Lawrence (2011), Peter Orazem (2010), David Frankel (2010), Helen Jensen (2010), Herman Quirnbach (2006), GianCarlo Moschini (2006), Wallace Huffman (2004).

*Workshops and Committees on Graduate Program Education:*

Microeconomic theory qualifying exam committee, 2014.

Ad hoc committee to advise chair on James Prescott Scholarship for 5<sup>th</sup> year students, 2013.

Agricultural Economics Workshop Organizer and member of workshops committee, 2009-2010.

Financial Economics and Industrial Organization Workshop Organizer and member of

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workshops committee, 2003-2005.

Member of Graduate Curriculum Committee, 2003-2008.

Member of Financial Economics Field Examination Committee, 2005.

Member of ad hoc job market mock interview committees for Hang Qian (2011), Monisankar Bishnu (2009), Junjie Sun (2006), Rupayan Gupta (2004).

Member of Departmental Graduate Advisory Committee, 1999-2001.

*Undergraduate Program Education:*

Ad hoc Committee to assess CALS hiring in light of Ag. Business teaching needs, 2013-2014.

Chair of Catalog review sub-committee, Agricultural Marketing and Production (undergraduate) as well as member of Agricultural Economics (graduate) and Industrial Organization review sub-committees, 2002.

Member of Catalog review sub-committees, Farm Management (undergraduate) and Agricultural Economics (graduate), 1999-2000.

*Governance:*

Member of Economics Council, 2013-2015. (Subcommittee chair: revising dept. governance document to provide for standing committee to review and advise on faculty teaching).

Member of Economics Council, 2001-2003 (Chair in 2001-2002).

Member of Departmental Remunerations Advisory Committee, 1999, 2000, 2002 (Chair), and 2008.

*Other:*

Member of faculty awards committee, 2010-2012.

Economics Department Coordinator of Experiment Station Program of Work on International Competitiveness, 2006.

Member of Departmental Publications committee, 2004-2006.

Member of Reading Room and Departmental Publications committee, 2003-2004.

Leader of successful Experiment Station project application (Firm and Market Structures in Meeting the Needs of Food Consumers), 2002-2009.

Member of Departmental Publication Awards Committee, 1999-2000.

Chair of the reading room and departmental publications committee (1998-99, 1999-2000).

Member of the ad-hoc committee on the changing structure of agriculture (1998-99).

At the request of the DEO at the time, I wrote a report on the effects of capital taxation on the structure of land tenure. The topic was of immediate concern to the state legislature.

*At Washington State University*

Member of the Ph.D. microeconomic theory qualifying exam committee Summer 1994, Winter 1995, Summer 1995.

Chair of the Ph.D. microeconomic theory qualifying exam committee Summer 1996.

Member of the Resource Economist position search committee (1995).

Internal reviewer of extension bulletins.

### **University Service:**

*At Iowa State University*

Member of CALS Promotion & Tenure Committee, three year term commencing 2014-'15 year.

Member, Center for Advanced Host Defense Immunobiotics and Translational Comparative Medicine (CAHDIT), 2012- . CAHDIT offers interdisciplinary research and scientific

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communication/interaction toward the overall mission of fighting infectious diseases.  
Health & Wellness Symposium Planning Committee member, 2009-2010.  
Social Sciences & Education Division Representative on University Graduate Council, Spring 2008.  
International Student Graduate Council Subcommittee member, Spring 2008.  
College of Agriculture Representative on Transportation Advisory Committee, 2005-2008.  
College of Agriculture Representative on University Library Committee, 2002-2005  
Participant in the foundation grant proposal for “Information Infrastructure Institute (I<sup>3</sup>)” established using 2002 Presidential initiative funds. Principal investigators, Prof. Arun K. Somani, Prof. Suraj Kothari, Prof. Vijay Vittal  
Joint Ph.D Initiation Committee Member, 2002-2003. This committee was initiated to establish a Ph.D in the area of Finance, Applied Finance, or Agricultural Finance to be run jointly between the Finance Department and the Economics Department.  
Faculty affiliate of the Institute for Food Safety and Food Security (IFSS) at ISU.  
Provide presentations to classes around campus when called upon, e.g., Hort 496 Study Abroad, March 21, 2011.

**Service in Profession:**

*Editorial:*

Editor, American Journal of Agricultural Economics, 2011-2014 term (volumes 93, 94, 95, 96).  
Proceedings Issue Editor, American Journal of Agricultural Economics, 2011-2014.  
Associate Editor, American Journal of Agricultural Economics, 2002-2005.  
Associate Editor, Journal of Agricultural & Food Industrial Organization, 2007- .  
Editorial Council, Journal of Agricultural and Resource Economics, 2001-2004.

*Research and other Award Committees:*

Member, Western Agricultural Economics Association Distinguished Scholars Committee, 2011 and 2012.  
Member, Outstanding Master’s Thesis Committee, American Agricultural Economics Association, 2006, 2007, 2008 and 2009.  
Chair, Outstanding Published Research Award Committee, Western Agricultural Economics Association, 2005-2006 year.  
Member, American Agricultural Economics Association Quality of Research Discovery Award Committee, 1999-2002.

*Panelist and Workshop Participation:*

Panel participant and session discussant, OECD-Cooperative Research Program Conference “Livestock Disease Policies: Building Bridges between Animal Sciences and Economics”, Paris, France, 3-4 June, 2013.  
Panel participant, symposium session *Navigating Journal Writing – Advice for New and Experienced Writers*, AAEA annual meetings, Pittsburgh, PA. July 24-26, 2011.  
Panel participant, symposium session *Navigating Article Writing and the Publishing Process*, AAEA annual meetings, Denver, CO. July 25-27, 2010.  
Panel participant, symposium session *Student Advisor Match: Path to a Successful Career*, AAEA & ACCI joint annual meeting, Milwaukee, Wisconsin, July 26-28, 2009.  
Panel participant, symposium session *Agricultural Biosecurity Toward a Secure Global Economy and Public Health*, Annual Meetings of the American Association for the

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Advancement of Science, San Francisco CA, February 15-19, 2007.

Participant, Workshop on Approaches to Predictive Modeling to Support a Framework to Prioritize Opportunities to Reduce Food Safety Risk, Ames, IA June 15-16, 2004.

*Consultancy, unpaid and paid:*

Consultant, Food and Agriculture Organization, 2004.

Informal consultant to Deere & Company, December 2009.

Informal consultant to *Ducks Unlimited* regarding the effects of crop insurance subsidies on the cropping of marginal lands, February 2010.

Assisted in identifying expert witnesses on economic damages from herbicide use for U.S. Department of Justice Environmental Torts Section, June 2010.

*Surveys:*

Participant in Indiana University/ABG study on Grower Profitability, 2008.

Participant in Dr. Peter Stoett's (Concordia University) *Survey on the Need for and Challenges of an International Convention on Bioinvasion*, October 2009.

Letter writer for Canadian Studies Grants, 2009-2010.

Respondent to European Union Mobility Patterns and Career Paths of EU Researchers (MORE) project survey, January 2010 and September 2012.

Respondent to U.S. Senate Budget Committee survey on Wyden-Gregg "Bipartisan Tax Fairness and Simplification Act of 2010." March 2010.

*Organizational:*

Topic Leader for American Agricultural Economics Association Annual Meetings: Tampa FL, 2000, and Montreal, Canada, 2003.

Session moderator on numerous occasions at meetings, including AAEA Selected Paper session. "Risk in Changing Landscapes: Climate Change, Transition to Organics, and Land Conversion," 2013 AAEA Annual Meeting, Washington, DC, August 5.

*Recommendations:*

Letter writer for many petitions for Immigration Status (Permanent Residency) National Interest Waiver.

Wrote supportive comments on 5 nominations for AAEA Fellow.

Letter of Support, Distinguished Professorship at North Carolina State University.

Letters of support for Publication Quality Award nominations for various national and international awards.

### **External Evaluator Activities:**

Reviewer for Social Sciences and Humanities Research Council of Canada (SSHRC), 2010.

Reviewer for Deutsche Forschungsgemeinschaft (German Research Foundation), 2007.

External reviewer of USDA, ERS economist for possible position grade re-classification, 2009.

External reviewer of USDA, ERS economist for periodic performance assessment, 2005.

External Evaluator, Ph.D thesis at University of Kiel, (Marco Bertaglia, 2004).

Reviewer, USDA publication series, Economic Research Service, U.S. Department of Agriculture, 2004.

Reviewer, National Science Foundation Application for Funds, 2004.

Reviewer, Program of Research on the Economic of Invasive Species Management (PREISM), Economic Research Service, U.S. Department of Agriculture, 2003 and 2007.

Reviewer, National Research Initiative, competitive grants program, 2000 and 2002.

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Evaluator, hiring decision for Professor and Center Director, University of California, Irvine.  
Evaluator, contract renewal decision, University of Vermont.

Evaluator, promotion/tenure decisions at University College Dublin (2), University of Georgia (2), Cornell University (2), Sanford School of Public Policy at Duke University, The Ohio State University, Arizona State University, University of Wisconsin, Sultan Qaboos University (Oman), Texas A&M University, University of Minnesota, Washington State University.

### **Service as Journal and Presentation Submission Reviewer and Referee**

Agricultural Economics (many), Agribusiness: An International Journal, Agricultural Economics (many), Agricultural & Resource Economics Review, American Journal of Agricultural Economics (many), Australian Journal of Agricultural & Resource Economics, B.E. Journal of Economic Analysis & Policy (BEJEAP), B.E. Journal of Theoretical Economics (BEJTE), Bulletin of Economic Research, Canadian Journal of Agricultural Economics (many), China Agricultural Economic Review, Ecological Economics, Economica, Economic Theory, Economics Bulletin, Environmental & Resource Economics, European Journal of Health Economics, European Review of Agricultural Economics (many), Food Policy (many), Geneva Risk & Insurance Review, International Journal of Business & Economics, International Journal of Industrial Organization, International Review of Economics & Finance, Journal of Agribusiness, Journal of Agricultural Economics (many), Journal of Agricultural & Applied Economics, Journal of Agricultural & Food Industrial Organization (many), Journal of Agricultural & Resource Economics (many), Journal of the American Statistical Association, Journal of Dairy Science, Journal of Development Economics, Journal of Economic Education, Journal of Economic Dynamics & Control, Journal of Economics, Journal of Environmental Economics & Management (many), Journal of Environmental Management, Journal of Institutional & Theoretical Economics, Journal of Mathematical Economics, Journal of Production Agriculture, Journal of Public Economic Theory, Land Economics (many), Lifetime Data Analysis, Mathematical Finance, Nova Economia, Operations Research Letters, Precision Agriculture, PLOS-One, Preventive Veterinary Medicine, Public Finance Review, Quantitative Finance, Resource & Energy Economics, Review of Agricultural Economics, Review of International Economics, Review of Industrial Organization

Papers submitted for presentation at the meetings of the *International Association of Agricultural Economists*

Papers submitted for presentation at the meetings of the *American Agricultural Economics Association*, 1995-2004 and 2007-09.

Papers submitted for presentation at the meetings of the *Western Agricultural Economics Association*

### **Grant Funding Received**

Hennessy, D.A., Feng, H., Blankenship, Kevin L. "Exploring a New Paradigm For Understanding Farmers' Crop Insurance Decisions: Integrating Economic, Psychological, and Farmer Perspectives." USDA National Institute of Food and Agriculture in Exploratory Program Area (A1801), \$99,370 requested, accepted.

Moschini, G., Hennessy, D.A. "Economics and Management of Agricultural Innovations:

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- Biotechnology and information." USDA National Institute of Food and Agriculture, competitive grants program for National Needs Fellows, \$159,000, 2015-2019.
- Hennessy, D.A., Anderson, C.J., Feng, H., Wolter, P.T. "Understanding dynamics of land use switching with satellite and field level data in context of climate variability." North Central Climate Science Center, U.S. Geological Survey 2015, \$292,008 requested, 2015-2017.
- Moschini, G., Ciliberto, F., Hennessy, D.A. "Imperfect competition in the agrochemical & seed industry: innovation, pricing of inputs, and welfare in the U.S. maize and soybean markets." USDA National Institute of Food and Agriculture, competitive grants program, about \$245,131, 2015-1016.
- Wolter, P.T., Feng, H., Hennessy, D.A. "Characterizing and Comprehending Land Use Change in the Loess Hills Region." Grant obtained from Center for Agriculture and Rural Development, \$24,972, 2013-2014.
- Hennessy, D.A., Feng, H., Janssen, L., Akyüz, A., Du, X., Wimberly, M., Wolter, P. "Adaptation of agroecosystems to climate change at the edge of the U.S. Cornbelt—assessing different drivers in a spatially explicit network of infrastructure." Agriculture and Food Research Initiative Competitive Grants Program, Agriculture and Natural Resources Science for Climate Variability and Change, \$550,000. Funding to commence November 2013.
- Kling, C.L., Babcock, B.A., Hayes, D.J., Hennessy, D.A., Jensen, H.H., Moschini, G., Otto, D.M., Carriquiry, M., Elobeid, A.E., Fabiosa, J.F., Gassman, P.W. "A Policy Research Center Proposal: The Center for Agricultural and Rural Integrated Activity Development at Iowa State University." National Institute of Food and Agriculture, \$768,000, 2012-2014.
- Hennessy, D.A. "Federal Insurance Payments and Land Conversion: Impacts Estimation and Alternative Policy Design." Ducks Unlimited, \$124,288, June 2010 to December 2012.
- Hennessy, D.A. "Economic Value of Information: Wheat and Barley Protein Measurement." Deere & Co., \$28,000, May 2010 to November 2010.
- Jensen, Helen H., D.A. Hennessy, and Fengxia Dong. "Incentives and Structure in Determining Milk Quality and Safety Attributes." USDA Cooperative Agreement, \$37,043, October 2009 to September 2010.
- Jensen, Helen H., and D.A. Hennessy. "Incentives and the Provision of Food Safety in Pork Production." USDA Cooperative Agreement, \$27,406, May 2006 to September 2008.
- Hennessy, D.A., and Helen H. Jensen. "Systemic Risk and the Failure of Incentives in Food Systems." USDA National Research Initiative, competitive grants program, \$75,000, 2002-2004.
- Hennessy, D.A. "Gaining Control in Animal Agriculture." Sub-contract from Center for Agricultural Research and Development, \$22,000, 2002-2003.
- Hennessy, D.A., and Dermot J. Hayes. "Competition, Innovation, Market Access, and Welfare in Agri-Input Markets." National Research Initiative, competitive grants program, \$85,000, 2000-2002.
- Daniels, Catherine, and D.A. Hennessy. "Establishing Confidence in Expert Opinion in Pesticide Benefit Assessments." Contract from the United States Department of Agriculture PIAP Division, \$14,000, 1995-1998.
- Stockle, Claudio, D.A. Hennessy, Douglas L. Young, and Walter R. Butcher. "Computer-Assisted Evaluation of Productivity and Environmental Impact of Farming Practices: A Risk Assessment Approach for Sustainable Agriculture." STEEP II program, \$21,000, 1994-1996.
- Hennessy, D.A. "A Farm-Level Assessment of the Impact of Revenue Assurance Contracts on

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Producer Welfare and Government Costs." Subcontract from Iowa State University, \$13,225, 1995-1996.

Hennessy, D.A. "Evaluation of a Nitrate Sensing Applicator for Fertilizer." Subcontract from Iowa State University, \$2,000, 1995.

Daniels, Catherine, Jay F. Brunner, D.A. Hennessy, Vicki A. McCracken, David Rosenberger, and Jeff Derr. "Biologic and Economic Assessment of the Use of Pesticides on United States Apples." Contract from the United States Department of Agriculture, \$50,000, 1995-1999.

### **Refereed Journal Articles**

Wang, Tong, D.A. Hennessy, and S.C. Park. "Demand Side Change, Rurality and Gender in the United States Veterinarian Market, 1990-2010." Forthcoming at *Journal of Agribusiness*.

Wei, Xinjie, Wanlong Lin, and D.A. Hennessy. "Biosecurity and Disease Management in China's Animal Agriculture Sector." *Food Policy*, 54(July, 2015):52-64.

Hennessy, D.A., and Christopher A. Wolf. "Asymmetric Information, Externalities, and Incentives in Animal Disease Prevention and Control." Forthcoming at *Journal of Agricultural Economics*. Summarized in Vol. 6(2) of Livestock & Meat Marketing: Connecting Livestock Producers with Recent Economic Research (CLPER), <http://www.agmanager.info/livestock/marketing/CLPER/default.asp>

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- Miao\*, Ruiqing, D.A. Hennessy, and Bruce A. Babcock. "To Learn or to Change: R&D Investments Under Uncertainties of Climate Change." Second Annual AERE Summer Conference, Ashville, NC, June 4-5, 2012.
- Wang, Tong, and D.A. Hennessy\*. "Dynamics of a Voluntary Livestock Disease Program." Invited paper presented at CAER-IFPRI Annual Conference, Chengdu, China, October 22-23, 2011.
- Hennessy, D.A., Hongli Feng, and Ruiqing Miao\*. "Land Use Consequences of Crop Insurance Subsidies." Selected paper presented at *Heartland Workshop on Environmental and Resource Economics*, Urbana-Champaign, IL, October 22-23, 2011.
- Feng, Hongli, Ruiqing Miao\*, and D.A. Hennessy. "Land Retirement Program Design and Empirical Assessments in the Presence of Crop Insurance Subsidies." Selected paper presented at *America's Grasslands: Status, Threats, and Opportunities* Conference, American Grasslands, Sioux Falls, SD, August 15-17, 2011.
- Feng, Hongli, Ruiqing Miao\*, and D.A. Hennessy\*. "Land Retirement Program Design and Empirical Assessments in the Presence of Crop Insurance Subsidies." Selected paper presented at AAEA & NAREA joint annual meeting, Pittsburgh, PA, July 24-26, 2011.
- Hennessy\*, D.A., Hongli Feng, and Ruiqing Miao. "Land Use Consequences of Crop Insurance Subsidies." Selected paper presented at AAEA & NAREA joint annual meeting, Pittsburgh, PA, July 24-26, 2011.
- Miao\*, Ruiqing, and D.A. Hennessy. "Economic Value of Information: Wheat Protein Measurement." Selected paper presented at AAEA & NAREA joint annual meeting, Pittsburgh, PA, July 24-26, 2011.
- Wang\*, Tong, and D.A. Hennessy. "Impact of Gender and Rurality on Veterinarian Practice." Selected paper presented at the Southern Economic Association Meetings Session "Marriage, Risk and Veterinarians," Atlanta, GA, November 20-22, 2010.
- Dong\*, Fengxia, Hennessy, D.A., Jensen, Helen H., and Park, Timothy. "Quality and Safety Incentives in Milk Channels." Selected paper presented at NEC-63/AAEA Food Safety Section conference, Monterey, CA, September 27-28, 2010.
- Tepe\*, Fatma Sine, Xiaodong Du, and D.A. Hennessy. "The Impact of Biofuels Policy on Agribusiness Stock Prices." Selected paper presented at AAEA & WAEA joint annual meeting, Denver, CO, July 25-27, 2010.

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- Miao\*, Ruiqing, Babcock, Bruce A., and D.A. Hennessy. "To Learn or to Change: R&D Investments Under Uncertainties in the Case of Climate Change." Tenth Annual Missouri Economics Conference, University of Missouri-Columbia and Research Division of Fed. Reserve Bank of St. Louis, Columbia, Missouri, March 26-27, 2010.
- Hennessy\*, D.A. "Helping Graduate Students to Realize their Potential in Research." Symposium session *Student Advisor Match: Path to a Successful Career*, AAEA & ACCI joint annual meeting, Milwaukee, Wisconsin, July 26-28, 2009.
- Zhao\*, Huan, and D.A. Hennessy. "Rationalizing Time Series Differences Between Cow-Calf and Feeder Cattle Returns." Selected paper presented at AAEA & ACCI joint annual meeting, Milwaukee, Wisconsin, July 26-28, 2009.
- Dong\*, Fengxia, Hennessy, D.A., and Helen H. Jensen. "Contract and Exit Decisions in Finisher Hog Production." Selected paper presented at AAEA & ACCI joint annual meeting, Milwaukee, Wisconsin, July 26-28, 2009.
- Du\*, Xiaodong, Hennessy, D.A., and William E. Edwards. "Determinants of Iowa Cropland Cash Rental Rates: Testing Ricardian Rent Theory." Selected paper, AERE sessions at meetings of the *American Agricultural Economics Association*, Orlando, Florida, July 27-29, 2008.
- Sengupta\*, Sanchita, and D.A. Hennessy. "Agricultural and Environmental Policy." Selected paper, AERE Summer Workshop, Mystic, CT, June 7-9, 2007.
- Hennessy\*, D.A. "Biosecurity and the Propagation of an Infectious Animal Disease." Principal Papers session *Economic Incentives for Managing Infectious Animal Disease*, AAEA Annual Meetings, Portland, Oregon, July 2007.
- Feng\*, Hongli and D.A. Hennessy. "When Should Uncertain Nonpoint Emissions be Penalized in a Trading Program?" Selected paper, AAEA annual meetings, Portland, Oregon, July 2007.
- Jensen\*, Helen, Chengyan Yue, Fengxia Dong, and D.A. Hennessy. "Economic Incentives for Food Safety Farm Practices in Hog Production." Organized Symposium, AAEA Annual Meetings, Portland, Oregon, July 2007.
- Hennessy, D.A. "Getting the Incentives Right on the Farm." Presented at the Symposium *Agricultural Biosecurity Toward a Secure Global Economy and Public Health*, Annual Meetings of the American Association for the Advancement of Science, San Francisco CA, February 15-19, 2007.
- Feng\*, Hongli, and D.A. Hennessy. "Production and Abatement Distortions Under Noisy Green Taxes." Selected paper, AERE sessions at meetings of the *American Agricultural Economics Association*, Long Beach, CA, July, 2006.
- Yu\*, Wang, D.A. Hennessy, and Gerald SheblŮ. "Electricity Market integration under Random Demand." Selected paper, 36th *North American Power Symposium*, Moscow, ID, August 9-10, 2004.
- Roosen\*, Jutta, and D.A. Hennessy. "The Deseasonalization of Animal Production." Selected paper, meetings of the *American Association of Agricultural Economics*, Montreal, Quebec, July, 2003.
- Saak\*, Alexander E., D.A. Hennessy, and Bruce A. Babcock. "Fair Value of Whole-Farm and Crop-Specific Revenue Insurance." Selected paper, meetings of the *American Association of Agricultural Economics*, Montreal, Quebec, July, 2003.
- Saak\*, Alexander E., and D.A. Hennessy. "Planting Decisions and Uncertain Consumer

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- Acceptance of Genetically Modified Crop Varieties." Selected paper, meetings of the *American Association of Agricultural Economics*, Chicago, IL, August 5-8, 2001.
- Saak\*, Alexander E., and D.A. Hennessy. "Location, Land Quality, and Rental Volatility." Selected paper, meetings of the *American Association of Agricultural Economics*, Chicago, IL, August 5-8, 2001.
- Roosen\*, Jutta, and D.A. Hennessy. "Do More Risk Averse Agents Decrease Factor Use?" Selected paper, meetings of the *American Association of Agricultural Economics*, Chicago, IL, August 5-8, 2001.
- Hennessy\*, D.A., Jutta Roosen, and John A. Miranowski. "Leadership and the Provision of Safe Food." Presented at conference with title *The Economics of Contracting in Agriculture*, Saskatoon, Saskatchewan, Canada, December 8-9, 2000.
- Mitchell\*, Paul D., Bruce A. Babcock, and D.A. Hennessy. "Green Insurance for Provision of Best Management Adoption Incentives." Selected paper, Heartland Environmental and Resource Economics Workshop, Ames, IA, September 17-18, 2000.
- Hennessy\*, D.A. "Differentiated Competition, Externalities, and Welfare in Seed Markets." Selected paper, meetings of the *American Association of Agricultural Economics*, Tampa, FL, July 30-August 2, 2000.
- Roosen\*, Jutta, and D.A. Hennessy. "Do More Risk Averse Agents Decrease Factor Use?" Selected paper, meetings of the *European Association of Environmental and Resource Economics*, Rethymnon, Crete, Greece, June 30-July 2, 2000.
- Hennessy, D.A., and Jutta Roosen\*. "An Equilibrium Analysis of the Impact of Antibiotics Bans on Investment in Apple Orchards." Selected paper, meetings of the *American Association of Agricultural Economics*, Nashville, TN, August 1999.
- Roosen\*, Jutta, and D.A. Hennessy. "Capturing Experts' Uncertainty in Welfare Analysis: An Application to Organophosphate Use Regulation in U.S. Apple Production." Contributed paper, IX<sup>th</sup> Congress of the *European Association of Agricultural Economics*, Warsaw, Poland, August 1999.
- Hennessy, D.A., and Jutta Roosen\*. "Stochastic Pollution, Permit Management, and Merger Incentives." Selected paper, *European Economic Association Congress*, Berlin, Germany, September 1998.
- Hennessy\*, D.A. "Why Relationship Specific Investments in Food Quality May Influence Agricultural Industrialization." Paper presented at the organized symposium titled *Vertical Coordination in the U.S. Food Industry: Implications for Food Product Quality and Consumer Welfare*, Toronto, Ontario, July 1997. Symposium abstract published in *American Journal of Agricultural Economics*, 79(December, 1997):1690.
- Hennessy\*, D.A., and Ron C. Mittelhammer. "Dual Technology Estimation Biases Induced by Sharecropping Contracts." Selected paper, AAEA annual meeting, Toronto, Ontario, July 1997. Abstract published in *American Journal of Agricultural Economics*, 79(December, 1997):1716.
- Roosen\*, Jutta, and D.A. Hennessy. "Transfer Assessments and Efficiency in Quota-Regulated Markets." Selected paper, AAEA annual meeting, Toronto, Ontario, July 1997. Abstract published in *American Journal of Agricultural Economics*, 79(December, 1997):1724.
- Wei\*, Wei, Douglas L. Young, and D.A. Hennessy. "Deterministic Dynamic Weed management Models: Steady State Solutions." Selected paper, AAEA annual meeting, San Antonio, TX, July 1996. Abstract published in *American Journal of Agricultural Economics*,

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78(December, 1996):1389.

Hennessy\*, D.A. "Damage Control and the Concavity Assumption." Selected paper, AAEA annual meeting, San Antonio, TX, July 1996. Abstract published in *American Journal of Agricultural Economics*, 78(December, 1996):1405.

Fiez, Timothy E., D.A. Hennessy\*, and Bruce A. Babcock. "Site-Specific Management: An Economic and Empirical Analysis." Selected paper, AAEA annual meeting, San Antonio, TX, July 1996. Abstract published in *American Journal of Agricultural Economics*, 78(December, 1996):1409.

Hennessy\*, D.A. "Valuation of Land Lease Contracts." Selected paper, AAEA annual meeting, Indianapolis, IN, August 1995. Abstract published in *American Journal of Agricultural Economics*, 77(December, 1995):1366.

Hennessy\*, D.A. "The Cost of Supporting U.S. Agriculture." Selected paper, AAEA annual meeting, San Diego, CA, August 1994. Abstract published in *American Journal of Agricultural Economics*, 76(December, 1994):1250.

Hayes, Dermot J., and D.A. Hennessy\*. "Government Costs of Target Price Supports." Selected paper, AAEA annual meeting, San Diego, CA, August 1994. Abstract published in *American Journal of Agricultural Economics*, 76(December, 1994):1270.

Hennessy\*, D.A., and Dermot J. Hayes. "Are Options Markets Optimal?" Selected paper, AAEA annual meeting, Orlando, FL, August 1993. Abstract published in *American Journal of Agricultural Economics*, 75(December, 1993):1311.

### **Poster Presentations**

Arora, Gaurav, Hongli Feng, D.A. Hennessy\*, and Peter T. Wolter. "Land Use and Climate Change in the Dakotas." Presented at 2015 Open Science Conference, Fort Collins, CO, May 20-22, 2015.

Arora\*, Gaurav, Hongli Feng, D.A. Hennessy, and Peter T. Wolter. "Land Use and Climate Change in the Dakotas." Presented at 2015 NIFA Climate Change Project Directors Meeting, Washington, DC, April 7-9, 2015.

Arora\*, Gaurav, H. Feng, and D.A. Hennessy. "Role of Ethanol Plants in Dakotas Land Use Change." Heartland Environmental & Resource Economics Workshop poster presentation, Urbana-Champaign, IL, November 1-2, 2014.

Wang\*, Tong, and D.A. Hennessy. "Strategic Interactions Among Private and Public Efforts when Preventing and Stamping Out an Highly Infectious Animal Disease." AAEA annual meetings poster presentation and tour, Minneapolis, MN, July 27-29, 2014.

Murguia\*, Juan, and D.A. Hennessy. "Competitive Interactions between Grain Railroad Rates and Barge Rates on the Mississippi Waterway." AAEA annual meetings poster presentation and tour, Minneapolis, MN, July 27-29, 2014.

Hennessy, D.A. Project initiation poster for "Adaptation of agroecosystems to climate change at the edge of the U.S. Cornbelt—assessing different drivers in a network of infrastructure." Presented at NIFA Climate Change Project Directors Meeting, Gainesville, FL, January 6-9, 2014.

Saak\*, Alexander, and D.A. Hennessy. "Infectious Disease Detection with Private Information." ASSA Microeconomics Poster Session, Philadelphia, PA, January 5, 2014.

Du\*, Xiaodong, D.A. Hennessy, and Hongli Feng. "Geographic Determinants of Preferences along U.S. Crop Insurance Subsidy Schedule." AAEA annual meetings poster presentation

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and tour, Seattle, WA, August 12-14, 2012.

- Du\*, Xiaodong, and D.A. Hennessy. "Local Geography of Row-Crop Quality Land and Cropland Cash Rental Rates." AAEA annual meetings poster presentation, Pittsburgh, PA, July 24-26, 2011.
- Wang\*, Tong, D.A. Hennessy, and Annette M. O'Connor. "Where Are the Veterinarian Shortage Areas Anyway?" AAEA annual meetings poster presentation, Pittsburgh, PA, July 24-26, 2011.
- Miao, Ruiqing, Bruce A. Babcock, and D.A. Hennessy. "Investment in Cellulosic Biofuel Refineries: Does the Waivable Mandate Matter?" AAEA annual meetings poster presentation, Denver, CO, July 25-27, 2010.
- Dong, Fengxia, D.A. Hennessy, and Helen H. Jensen. "Quality Dispersion Among Organic Milk Channels." AAEA annual meetings poster presentation, Denver, CO, July 25-27, 2010.
- Hennessy, D.A. "Pólya's Urn Model of Crop Yield Expectation Stochastic Process." AAEA annual meetings poster presentation, Denver, CO, July 25-27, 2010.
- Xu, Zheng, D.A. Hennessy, and GianCarlo Moschini. "Have Biotech Seeds Increased Maize Yields?" AAEA annual meetings poster presentation, Denver, CO, July 25-27, 2010.
- Du, Xiaodong, D.A. Hennessy, and Cindy Yu. "Are Crop Yield Distributions Negatively Skewed? A Bayesian Examination." AAEA annual meetings poster presentation, Denver, CO, July 25-27, 2010.
- Wang, Tong, and D.A. Hennessy. "Livestock Disease Indemnity Design When Biosecurity Externalities Exist." AAEA annual meetings poster presentation, Denver, CO, July 25-27, 2010.
- Hennessy, D.A., and Harvey E. Lapan. "Buying Ecological Services: Fragmented Reserves and the Agricultural Extensification Debate." *Finalist* (10 of 115) at the AAEA annual poster competition, Milwaukee, WI, July 26-28, 2009.
- Du, Xiaodong, and D.A. Hennessy. "The Planting Real Option in Cash Rent Valuation." *Finalist*, AAEA annual poster competition, Orlando, FL. July 27-29, 2008.

**Invited Presentations at other Universities and Institutions (\* indicates presenter)**

- Hennessy\*, D.A. "Animal Health Economics: The Plumbing in Models." Presentation made remotely to INRA, French National Institute for Agricultural Research, Meta Program on Multi-scale modelling, from animal Intra-Host to Metapopulation (MIHMES), Plenary Scientific Meeting, Nantes, France January 30, 2015.
- Du, Xiaodong, Hongli Feng\*, and D.A. Hennessy. "Rationality of Choices in Subsidized Crop Insurance Markets." Paper presented at Michigan University, East Lansing, MI, October 9<sup>th</sup>, 2014.
- Miao\*, Ruiqing, D.A. Hennessy, and Hongli Feng. "Sodbusting, Crop Insurance and Sunk Conversion Costs." Paper presented at Kansas State University, Manhattan, KS, July 22<sup>nd</sup>, 2014.
- Hennessy\*, D.A., Ruiqing Miao, and Hongli Feng "Agricultural Policy and Land Conversion on the Northern Great Plains." Paper presented at Michigan State University, East Lansing, MI, April 24<sup>th</sup>, 2014.
- Wang\*, Tong, and D.A. Hennessy. "Modeling Interdependent Participation Incentives: Dynamics of a Voluntary Livestock Disease Control Program." Invited paper presented at

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Centers for Epidemiology and Animal Health (CEAH), Fort Collins, Colorado, May 30, 2012.

- Miao\*, Ruiqing, D.A. Hennessy, and Bruce A. Babcock. "Investment in Cellulosic Biofuel Refineries: Do Renewable Identification Numbers Matter?" Presented at the Energy Biosciences Institute, University of Illinois, February 28, 2012.
- Zheng Xu, G. Moschini, D.A. Hennessy\*, and Kavita Sardana. "Genetic Modification Effect on Corn and Soybean Crop Yield Trends." Presented to China Agricultural University, Beijing, China, October 2011.
- Miao, Ruiqing, D.A. Hennessy\*, and Hongli Feng. "Environmental Effects of Crop Insurance and Biofuels." Presented at Emerging Issues in Agricultural Economics - Farms and Farming People: Structure and Connections to Food Security and Rural Communities, An International Workshop, Rehovot, Israel, May 29-June 2, 2011.
- Hennessy\*, D.A. "Pólya Urn Model of Crop Yield Expectation Process, with Beta Distribution Limit." Presented at Department of Agricultural and Resource Economics, North Carolina State University, Raleigh, November 2<sup>nd</sup>, 2010.
- Hennessy\*, D.A. "My Food Business & Development Education and Research Agenda: Past, Present, and Future." Presented at Department of Food Business and Development, University College, Cork, Ireland, December 6, 2007.
- Du, Xiaodong, D.A. Hennessy\*, and William M. Edwards. "Determinants of Iowa Cropland Cash Rental Rates: Testing Ricardian Rent Theory." Presented at Department of Agricultural, Environmental, and Development Economics, The Ohio State University, October 22, 2007.
- Hennessy\*, D.A. "Information Technologies and New Agricultural Products to increase and Sustain Rural Incomes." Presented at the New Markets Workshop, Sonoma Valley Inn, Sonoma CA, June 19, 2005.
- Hennessy\*, D.A. "Measuring the Trade Distortiveness of Domestic Policy." Presented at the Food and Agricultural Organization, Rome, August 30, 2004.
- Hennessy\*, D.A. "On Structural Change in Animal Agriculture." Presented at Department of Agricultural Economics, University of Nebraska at Lincoln, February 28, 2003.
- Hennessy\*, D.A., John A. Miranowski, and Bruce A. Babcock. "Genetic Information in Agricultural Productivity and Product Development." Presented at conference with title "5<sup>th</sup> INRA-IDEI Conference on Industrial Organization and the Food Processing Industry," Toulouse, France, June 14-15, 2002.
- Hennessy\*, D.A., Jutta Roosen, and John A. Miranowski. "Leadership and the Provision of Safe Food." Presented at Department of Agricultural and Resource Economics, University of Maryland at College Park, November 28, 2000.
- Hennessy\*, D.A. "Protecting Investment in Sequential Production Processes." Presented at the Department of Agricultural and Resource Economics, University of California, Davis, CA, May 1998.
- Hennessy\*, D.A. "Microeconomics of Agricultural Grading: Impacts on the Marketing Channel." Presented at the Department of Agricultural Economics and Rural Sociology, University of Idaho, Moscow, ID, February 1996.

**Iowa State University Workshops (\* indicates presenter)**

- Jensen, Helen H., and D.A. Hennessy (co-presented) "Research on Economic Aspects of Animal Health, Biosecurity and Food Safety." Presented to Workshop convened for research

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collaboration visit by Kansas State University Biosecurity Research Institute, December 9, 2013.

Hennessy\*, D.A. "Economist's Toolbox for Contributing to Collaborative Research in ISU's One Health Initiative." Presentation to Iowa State University CAHDIT members, November 16th, 2012.

Hennessy\*, D.A. "Biosecurity and the Economics of Infectious Animal Disease to Complement Veterinary and Medical Research." Presentation to Iowa State University CAHDIT members, November 2<sup>nd</sup>, 2012.

Hennessy\*, D.A. "Pólya Urn Model of Crop Yield Expectation Process, with Beta Distribution Limit." October 25<sup>th</sup>, 2010.

Hennessy, D.A., and HongLi Feng\*. "When the Wrong Firms Produce under Green Taxes and Imperfect Information." Selected paper, Heartland Environmental and Resource Economics Workshop, Ames, IA, September 18-20, 2005.

Hennessy, D.A., and Alexander E. Saak\*. "Some Economics for State-Contingent Cost-Saving Seed Traits." 4<sup>th</sup> Annual Heartland Environmental and Resource Economics, Ames, Iowa, Sept. 22-23, 2002.

Hennessy\*, D.A., and Harvey E. Lapan. "An Algebraic Theory of Portfolio Allocation and Firm-level Production Decisions." October 23<sup>rd</sup>, 2001.

#### **Technical Publications** (not peer reviewed)

Hennessy, D.A., Jutta Roosen, and Helen H. Jensen. "Systemic Failure in the Provision of Food." Center for Agricultural and Rural Development, Iowa State University, Working paper 02-299, April 2002.

Hennessy, D.A., Bruce A. Babcock, and Dermot J. Hayes. "The Budgetary and Producer Welfare Effects of Revenue Assurance." Center for Agricultural and Rural Development, Iowa State University, Working paper 97-180, June 1997.

Hennessy, D.A., Bruce A. Babcock, and Timothy E. Fiez. "Effects of Site-Specific Management on the Application of Agricultural Inputs." Center for Agricultural and Rural Development, Iowa State University, Working paper 96-156, March 1996.

Hayes, Dermot J., John A. Murphy, and D.A. Hennessy. "The EC Livestock Sector: Policy Trade, and Research." Center for Agricultural and Rural Development, Iowa State University, GATT research paper 94-GATT 8, February 1994.

Hennessy, D.A., and Dermot J. Hayes. "An Econometric Analysis of Changes in the EC's Milk Quota." Center for Agricultural and Rural Development, Iowa State University, GATT research paper 94-GATT 3, February 1994.

Hennessy, D.A., Bruce A. Babcock, and Dermot J. Hayes. "The Budgetary and Resource Allocation Effects of Revenue Assurance: Summary of Results." Center for Agricultural and Rural Development, Iowa State University, Briefing paper 95-BP 7, February 1995.

Hennessy, D.A. "Existing vs. Alternative Farm Income Support Policies." Contribution to *Summary of 1995 Farm Bill Issues for Washington State*, Cooperative Extension, Washington State University, April 1995.

#### **Extension and Outreach Publications**

Arora, G., Peter T. Wolter, Hongli Feng, and D.A. Hennessy. "Characterizing and Comprehending Land Use Change in the Loess Hills Region." *Agricultural Policy Review*,

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- Spring 2015, available at [http://www.card.iastate.edu/ag\\_policy\\_review/](http://www.card.iastate.edu/ag_policy_review/)
- Hennessy, D.A. "Hog Markets and the Porcine Epidemic Diarrhea Virus." *Agricultural Policy Review*, Spring 2014, available at [http://www.card.iastate.edu/ag\\_policy\\_review/display.aspx?id=20](http://www.card.iastate.edu/ag_policy_review/display.aspx?id=20)
- Babcock, Bruce A., and D.A. Hennessy. "Getting More Corn Acres from the Corn Belt." *Iowa Ag. Review*, 12(Fall 2006), pp. 6B7.
- Hennessy, D.A., and Helen H. Jensen. "Evolution on the Demand Side." Chapter in *Agriculture in the 21<sup>st</sup> Century—Surviving and Thriving*, College of Agriculture, Iowa State University, March 1999.
- Ginder, Roger, D.A. Hennessy, Robert Jolly, Keith Heffernan, and C. Phillip Baumel. "Responses in the Input Supply Sector." Chapter in *Agriculture in the 21<sup>st</sup> Century—Surviving and Thriving*, College of Agriculture, Iowa State University, March 1999.

### **Extension and Outreach Presentations**

- Hennessy, D.A. "Issues in Finance." Presented to Mrs. Beth Johnson's 5<sup>th</sup> Grade ELP class, Fellows Elementary, Ames, Iowa, May 8<sup>th</sup>, 2014.
- Hennessy, D.A. "Auction Formats." Presented to Mrs. Elise Wright's 5<sup>th</sup> Grade class, Fellows Elementary, Ames, Iowa, February 26<sup>th</sup>, 2014.
- Miao, Ruiqing, Hongli Feng and D.A. Hennessy\*. "Insurance, Sodsaver, Yield Risk and Grassland Conversion." Presented at Workshop on Grassland Conversion and Land Use Conversion Predictions in the Prairies, Bismarck, North Dakota, November 2-3, 2011.
- Hennessy, D.A. "Agricultural Biosecurity: Costs, Incentives, and Policy." Presentation made to Congressional Staff, March 14 2007. The trip was supported by the House Homeland Security Committee, and involved meetings with interested congressional staffers.
- Hennessy, D.A. "Issues in Agricultural Tax Policy." Presentation made to the Farm Bill Study Team, Ames IA, July 14 2000.
- Hennessy, D.A. "The 1995 Farm Bill and Alternative Farm Income Support Policies." Presentation made to representatives of the Washington State Congressional delegation, Pullman WA, April 1995.

### **Sample Media and Other Contacts**

- Interviewed by *Research Media* researcher regarding "Adaptation of Agroecosystems to Climate Change at the Edge of ... ." grant. Interview contributed to International Innovation Environment Report published in March 2015. Interview date, February 20, 2015.
- Responded to queries on animal disease indemnities from *Pareto Consulting*, December 2014.
- Responded to queries on a USDA grant received, *Ames Tribune*, April 22, 2014.
- Responded to queries on the Farm Bill by *Harvard Political Review*, September 2, 2013.
- Phone interview on the role of crop insurance in land conversion, *High Country News*, February 29, 2012.
- Hennessy, D.A. "Agricultural Biosecurity, the Economy and Public Health." Press Conference, Washington DC, March 13 2007. Organized by American Association for the Advancement of Science.
- Story Consultant for an article in *Scientific American* monthly magazine, 2007.
- Phone interviews with Gary T. Brown, Tahra Nichols and others, analysts at the Congressional

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Budget Office staff about work on role of government programs in land use change,  
4/18/2014 and 4/30/2014.