

Date: March 3, 2011

VITA  
David A. Hennessy  
Iowa State University  
Department of Economics, and  
Center for Agricultural and Rural Development

<b><u>DEGREES HELD</u></b>	<b><u>INSTITUTION</u></b>	<b><u>DATE</u></b>
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**

<b><u>Position</u></b>	<b><u>Institution</u></b>	<b><u>Inclusive Dates</u></b>
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 College, Maynooth, National University of Ireland	June 1988-Aug. 1989

**PERSONAL DATA**

Married to Hongli Feng/Hennessy: son Fergal (born 11/17/03), daughter Meabh (b. 6/13/07), daughter Deirbhile (b. 12/22/10).

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.

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**Teaching Experience**

Term and Year	Course Number <sup>a</sup>	Course Title	Course Credits	Contact Hours per Week	Number of Students
S 11	Econ 437	Applied Commodity Marketing	3	3	45
S 10	Econ 437	Applied Commodity Marketing	3	3	42
S 10	Econ 537	Commodity Markets	3	3	9
S 09	Econ 437	Applied Commodity Marketing	3	3	45
S 09	Econ 537	Commodity Markets	3	3	9 <sup>b</sup>
S 08	Econ 437	Applied Commodity Marketing	3	3	22
S 08	Econ 537	Commodity Markets	3	3	13 <sup>b</sup>
S 07	Econ 437	Applied Commodity Marketing	3	3	21
F 06	Econ 537	Commodity Markets	3	3	8 <sup>b</sup>
S 06	Econ 537	Commodity Markets	3	3	15
S 06	Econ 437	Applied Commodity Marketing	3	3	13
S 05	Econ 335	Agricultural Firms and Industry Organization	3	6	24
S 05	Econ 437	Applied Commodity Marketing	3	3	22
S 04	Econ 537	Commodity Markets	3	3	13
S 04	Econ 437	Applied Commodity Marketing	3	3	26
S 03	Econ 537	Commodity Markets	3	3	15 <sup>b</sup>
S 03	Econ 437	Applied Commodity Marketing	3	3	22
S 02	Econ 537	Commodity Markets	3	3	18
S 02	Econ 437	Applied Commodity Marketing	3	3	40
S 00	Econ 532	Business Economics	3	3	47
S 00	Econ 537	Commodity Market Analysis and Strategies	3	3	18 <sup>b</sup>
F 99	Econ 432	Agribusiness Management	3	3	18
S 99	Econ 532	Business Economics	3	4	37
S 99	Econ 537	Commodity Market Analysis and Strategies	3	3	7 <sup>b</sup>

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F 98	Econ 432	Agribusiness Management	3	3	27
SS98	Special	School for grain traders	0	–	20
S 98	Econ 537	Commodity Market Analysis and Strategies	3	3	18 <sup>b</sup>
F 97	Econ 432	Agribusiness Management	3	3	23
S 97	Econ 542	Commodity Market Analysis and Strategies	3	3	11 <sup>b</sup>
F 96	Econ 432	Agribusiness Management	3	3	24
S 96	Ag Ec 503 ( at WSU)	Agricultural Demand and Supply Systems	3	3	8 <sup>b</sup>
S 95	Ag Ec 541 (at WSU)	Agricultural Decision Analysis	3	3	9 <sup>b</sup>
S 95	Ag Ec 503 (at WSU)	Agricultural Demand and Supply Systems (Team taught)	3	1½	7 <sup>b</sup>
S 94	Ag Ec 503 (at WSU)	Agricultural Demand and Supply Systems (Team taught)	3	1½	9 <sup>b</sup>

<sup>a</sup> WSU denotes courses taught in the Department of Agricultural Economics, Washington State University.

<sup>b</sup> One or more students audited and/or sat in. These are not included in the numbers.

### Advising Experience

Undergraduate student advisor, Fall 2004 through Summer 2009.

First year graduate student advisor, commencing Fall 2007 to present.

Agricultural Business Program EIS (new students) Departmental representative, Spring 2009

Number of graduate students at ISU (committee chair, or co-chair):

	<u>Masters</u>	<u>Doctoral</u>
Completed	12	4
Currently enrolled or active	1	6

Graduated students on whose committees I served (at ISU):

#### Ph.D: Major Professor

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, 23)

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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), 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): Creative component.

MS: Committee Membership (completed, 25)

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, 4 as supervisor and 2 as second reader)

Supervisor for Tong Wang (Spring 2009), Huan Zhao (Spring 2009), Zheng Xu (Fall 2008), and Xiaodong Du (Spring 2008). On committee of Jie He (Fall 2005), Ruiqing Maio (Spring 2009).

Graduate Student Teaching Certificate, or GSTC

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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**

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), now Assistant Professor at the Department of Agricultural and Applied Economics, University of Wisconsin, Madison. Formerly Scientist at the Food and Agricultural Policy Research Institute (FAPRI), and Center for Agricultural and Rural Development, Iowa State University.

Licheng Jin (MS, Fall 2007), Electricity analyst, California ISO.

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 Department 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 Department of Food Economics and Consumption Studies, Technical University of Munich, Munich, Germany.

**Honors, etc.**

*Who's Who in America*<sup>®</sup>, 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 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.

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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 and 2011.

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.

### **Departmental Service:**

*At Iowa State University*

*Search and Related Committees:*

Chair of Livestock Extension Faculty Search Committee, 2010.

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

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

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

Member of Departmental Executive Officer search committee, 1999-2000.

Member of the staff planning and recruiting committee (1997-99 and 2006-11).

*Mentorships:*

Mentor for Assistant Professor Sébastien Pouliot, 2009-.

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 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:*

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

Financial Economics and Industrial Organization Workshop Organizer and member of 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 Junjie Sun (2006) and Rupayan Gupta (2004).

Member of Departmental Graduate Advisory Committee, 1999-2001.

*Undergraduate Program Education:*

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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, 2001-2003 (Chair in 2001-2002).

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

*Other:*

Member of faculty awards committee, 2010-2011.

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*

Health & Wellness Symposium Planning Committee member, 2009-

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.

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Provide presentations to classes around campus when called upon, e.g., Hort. 138 Study Abroad, Spr. 2011.

**Service in Profession:**

*Editorial:*

Editor, American Journal of Agricultural Economics, 2010-2014 term.

Proceedings Issue Editor, American Journal of Agricultural Economics, 2010- present.

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.

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, 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 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 Agricultural Organization, 2004.

Story Consultant for an article in *Scientific American* monthly magazine, 2007.

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.

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

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*Organizational:*

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

**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.

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), The Ohio State University, and Arizona State University.

Letter writer for several petitions for Immigration Status National Interest Waiver.

**Referee Service**

Agribusiness: An International Journal, Agricultural Economics, Agricultural and Resource Economics Review, American Journal of Agricultural Economics, Australian Journal of Agricultural and Resource Economics, B.E. Journal of Economic Analysis & Policy, Bulletin of Economic Research, Canadian Journal of Agricultural Economics, Ecological Economics, Economica, Economic Theory, Environmental and Resource Economics, European Review of Agricultural Economics, Food Policy, International Journal of Business and Economics, International Journal of Industrial Organization, International Review of Economics and Finance, Journal of Agribusiness, Journal of Agricultural Economics, Journal of Agricultural and Applied Economics, Journal of Agricultural and Food Industrial Organization, Journal of Agricultural and Resource Economics, Journal of the American Statistical Association, Journal of Development Economics, Journal of Economic Education, Journal of Economics, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Institutional and Theoretical Economics, Journal of Mathematical Economics, Journal of Production Agriculture, Lifetime Data Analysis, Mathematical Finance, Nova Economia, Precision Agriculture, 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*

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*Association*

**Grant Funding Received**

Hennessy, David A. "Federal Insurance Payments and Land Conversion: Impacts Estimation and Alternative Policy Design." Ducks Unlimited, \$124,288, June 2010 to December 2012.

Hennessy, David A. "Economic Value of Information: Wheat and Barley Protein Measurement." Deere & Co., \$28,000, May 2010 to November 2010.

Jensen, Helen H., David 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 David A. Hennessy. "Incentives and the Provision of Food Safety in Pork Production." USDA Cooperative Agreement, \$27,406, May 2006 to September 2008.

Hennessy, David 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, David A. "Gaining Control in Animal Agriculture." Sub-contract from Center for Agricultural Research and Development, \$22,000, 2002-2003.

Hennessy, David 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 David 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, David 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, David A. "A Farm-Level Assessment of the Impact of Revenue Assurance Contracts on Producer Welfare and Government Costs." Subcontract from Iowa State University, \$13,225, 1995-1996.

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

Daniels, Catherine, Jay F. Brunner, David 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,

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1995-1999.