

1. PAUL DAVID MITCHELL

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2. EDUCATION

- Ph.D. Iowa State University, Ames, Iowa
Economics, (Major in Agricultural Economics): August 1999
Major Professor: Bruce A. Babcock
Dissertation: *The Theory and Practice of Green Insurance: Insurance to Encourage the Adoption of Corn Rootworm IPM*
- M.A. University of Wisconsin-Madison, Madison, Wisconsin
Classics, December 1991
- B.A. Iowa State University, Ames, Iowa
History, May 1990

3. POSITIONS HELD

- 6/2010 – present **Associate Professor**, Department of Agricultural and Applied Economics, University of Wisconsin-Madison
- 8/2004 – 6/2010 **Assistant Professor**, Department of Agricultural and Applied Economics, University of Wisconsin-Madison
- 8/1999 – 8/2004 **Assistant Professor**, Department of Agricultural Economics, Texas A&M University
- 4/1999 – 8/1999 **Research Associate**, Texas A&M University, Department of Agricultural Economics
- 6/1994 – 4/1999 **Research Assistant**, Iowa State University, Center for Agricultural and Rural Development
- 7/1993 – 6/1994 **Research Assistant**, Iowa State University, Department of Botany
- 9/1991 – 7/1993 **Graduate Instructor**, University of Wisconsin, Department of Classics
- 9/1990 – 9/1991 **Wisconsin Alumni Research Fellow**, University of Wisconsin, Department of Classics
- 8/1987 – 8/1990 **Undergraduate Research Assistant**, Iowa State University, Department of Botany

4. PROFESSIONAL HONORS AND AWARDS

High Demand Faculty Award, University of Wisconsin, November 20, 2009

Increase in base salary for "... doing work that has a high level of impact within the UW-System in the areas of research, teaching, and/or outreach."

Professional Achievement Alumni Award, Department of World Languages and Cultures,
Iowa State University, October 18, 2007.

Texas A&M University Measurement and Research Service, Fall Semester 2002

Designated among top 25% "Most Effective" faculty teaching a 600-level course at Texas A&M University, Fall Semester 2002. Designation for AGECE 672.

Heironimus Prize in Greek Prose Composition, 1991 and 1992

Department of Classics, University of Wisconsin-Madison

Pillinger Prize in Latin Prose Composition, 1992

Department of Classics, University of Wisconsin-Madison

Wisconsin Alumni Research Foundation Fellowship, 1990-1991 academic year

Graduate fellowship (tuition and stipend) based on prior academic achievement.

Albert L. Walker Excellence in English Award, 1989

Department of English, Iowa State University

Honor Societies: Phi Beta Kappa, Gamma Sigma Delta, Phi Kappa Phi.

5. RESEARCH

A. Refereed Journal Articles

1. Hutchison, W.D., E.C. Burkness, P.D. Mitchell, R.D. Moon, T.W. Leslie, S.J. Fleischer, M. Abrahamson, K.L. Hamilton, K.L. Steffey, M.E. Gray, R.L. Hellmich, L.V. Kaster, T.E. Hunt, R.J. Wright, K. Pecinovsky, T.L. Rabaey, B.R. Flood, and E.S. Raun. 2010. Areawide Suppression of European Corn Borer with Bt Maize Reaps Savings to Non-Bt Maize Growers. *Science* 330:222-225
2. Dillen, K., **P.D. Mitchell**, T. Van Looy, and E. Tollens. 2010. The Western Corn Rootworm, A New Threat to European Agriculture: Opportunities for Biotechnology? *Pest Management Science* 66:956-966.
3. Dun, Z., **P.D. Mitchell**, and M. Agosti. 2010. Estimating *Diabrotica virgifera virgifera* Damage Functions with Field Data: Applying an Unbalanced Nested Error Component Model. *Journal of Applied Entomology* 134:409-419.
4. Dillen, K., **P.D. Mitchell**, and E. Tollens. 2010. On the Competitiveness of *Diabrotica virgifera virgifera* Damage Abatement Strategies in Hungary: a Bio-economic Approach. *Journal of Applied Entomology* 134:395-408.
5. Frisvold, G. F., T. M. Hurley, and **P. D. Mitchell**. 2009. Adoption of Best Management Practices to Control Weed Resistance by Cotton, Corn, and Soybean Growers. *AgBioForum* 12:370-381.
6. Hurley, T. M., **P. D. Mitchell**, and G. Frisvold. 2009. Effects of Weed Resistance Concerns and Resistance Management Practices on the Value of Roundup Ready® Crops. *AgBioForum* 12:291-302.
7. Hurley, T. M., **P. D. Mitchell**, and G. Frisvold. “Weed Management Costs, Weed Best Management Practices, and The Roundup Ready® Weed Management Program. *AgBioForum* 12(2009):281-290.
8. Hurley, T. M., **P. D. Mitchell**, and G. Frisvold. 2009. Characteristics of Herbicides and Weed Management Programs Most Important to Corn, Cotton, and Soybean Growers. *AgBioForum* 12:269-280.
9. Frisvold, G. F., T. M. Hurley, and **P. D. Mitchell**. 2009. Overview: Herbicide Resistant Crops – Diffusion, Benefits, Pricing and Resistance Management. *AgBioForum* 12:244-248.
10. Hsieh, M.-F., **P. D. Mitchell**, K. W. Stiegert. 2009. Potato Demand in an Increasingly Organic Marketplace. *Agribusiness: An International Journal* 25:369-394.
11. **Mitchell, P. D.**, and T. O. Knight. 2008. Economic Analysis of Supplemental Deductible Coverage as Recommended in the USDA’s 2007 Farm Bill Proposal. *Agricultural and Resource Economics Review* 37:117-131.
12. Seo, S., E. Segarra, **P. D. Mitchell**, and D. J. Leatham. 2008. Irrigation Technology Adoption and Its Implication for Water Conservation in the Texas High Plains: A Real Options Approach. *Agricultural Economics* 38:47-55.
13. Bussan, A.J., **P. D. Mitchell**, M. E. Copas, and M. J. Drilias. 2007. Evaluation of the Effect of Density on Potato Yield and Tuber Size Distribution. *Crop Science* 47:2462-2472.
14. **Mitchell, P. D.**, and D. W. Onstad. 2005. Effect of Extended Diapause on the Evolution of Resistance to Transgenic *Bacillus thuringiensis* Corn by Northern Corn Rootworm (Coleoptera: Chrysomelidae). *Journal of Economic Entomology* 98:2220-2234.

15. Mueller, T. C., **P. D. Mitchell**, B. G. Young, and A. S. Culpepper. 2005. Proactive versus Reactive Management of Glyphosate-Resistant or Tolerant Weeds. *Weed Technology* 19:924-933.
16. Seo, S., **P.D. Mitchell**, and D. Leatham. 2005. Effects of Federal Risk Management Programs on Optimal Acreage Allocation and Nitrogen Use in a Texas Cotton-Sorghum System. *Journal of Agricultural and Applied Economics* 37:685-699.
17. Crowder, D. W., D. W. Onstad, M. E. Gray, **P. D. Mitchell**, J. L. Spencer, and R. J. Brazee. 2005. Economic Analysis of Dynamic Management Strategies Utilizing Transgenic Corn for Control of Western Corn Rootworm (Coleoptera: Chrysomelidae). *Journal of Economic Entomology* 98:961-975.
18. **Mitchell, P. D.** 2004. Nutrient Best Management Practice Insurance and Farmer Perceptions of Adoption Risk. *Journal of Agricultural and Applied Economics* 36:657-673.
19. **Mitchell, P. D.**, M. E. Gray, and K. L. Steffey. 2004. A Composed Error Model for Estimating Pest-Damage Functions and the Impact of the Western Corn Rootworm Soybean Variant in Illinois. *American Journal of Agricultural Economics* 86:332-344.
20. Hurley, T. M., **P. D. Mitchell**, and M. E. Rice. 2004. Risk and the Value of Bt Corn. *American Journal of Agricultural Economics* 86:345-358.
21. Onstad, D. W., D. W. Crowder, **P. D. Mitchell**, C. A. Guse, J. L. Spencer, E. Levine, and M. E. Gray. 2003. Economics versus Alleles: Balancing IPM and IRM for Rotation-Resistant Western Corn Rootworm (Coleoptera: Chrysomelidae). *Journal of Economic Entomology* 96:1872-1885.
22. **Mitchell, P. D.** 2003. Value of Imperfect Input Information in Agricultural Production. *Agricultural Systems* 75:277-294.
23. **Mitchell, P. D.**, T. M. Hurley, B. A. Babcock, and R. L. Hellmich. 2002. Insuring the Stewardship of Bt Corn: A Carrot versus a Stick. *Journal of Agricultural and Resource Economics* 27:390-405.
24. Alston, J. M., J. Hyde, M. C. Marra, and **P. D. Mitchell**. 2002. An Ex Ante Analysis of the Benefits from the Adoption of Corn Rootworm Resistant, Transgenic Corn Technology. *AgBioForum* 5:71-84.
25. **Mitchell, P.D.**, and W. Riedell. 2001. Stochastic Dynamic Population Model for Northern Corn Rootworm *Diabrotica barberi* (Coleoptera: Chrysomelidae). *Journal of Economic Entomology* 94:599-608.
26. Crumpton, W. G., T. M. Isenhardt and **P. D. Mitchell**. 1992. Nitrate and Organic N Analyses with Second-Derivative Spectroscopy. *Limnology and Oceanography* 37:907-913.

B. Book Chapters

1. **Mitchell, P. D.**, and W. D. Hutchison. 2008. Decision Making and Economic Risk in IPM. E.B. Radcliffe and W.D. Hutchison, R.E. Cancelado, eds. *Integrated Pest Management*. Cambridge, UK: Cambridge University Press, pp. 33-50. **(Peer Reviewed)**
2. **Mitchell, P. D.**, and D. W. Onstad. 2008. Valuing Insect Resistance in an Uncertain Future. D. W. Onstad, ed. *Insect Resistance Management: Biology, Economics, and Prediction*. San Diego, CA: Academic Press, pp. 17-38.

3. Hurley, T. M., and **P. D. Mitchell**. 2008. Insect Resistance Management: Adoption and Compliance. D. W. Onstad, ed. *Insect Resistance Management: Biology, Economics, and Prediction*. San Diego, CA: Academic Press, pp. 227-253.
4. **Mitchell, P. D.** and T. M. Hurley. 2006. Adverse Selection, Moral Hazard, and Grower Compliance with Bt Corn Refuge. R. Just, J. Alston, and D. Zilberman, eds. *Economics of Regulation of Agricultural Biotechnologies*. New York: Springer, pp. 599-624.
5. **Mitchell, P. D.** and D. A. Hennessy. 2003. Factors Determining Best Management Practice Adoption Incentives and the Impact of Green Insurance. B.A. Babcock, R. W. Fraser, and J. N. Lekakis, eds. *Risk Management and the Environment: Agriculture in Perspective*. Dordrecht, The Netherlands: Kluwer Academic Publishers, pp. 52-66.
6. **Mitchell, P. D.**, P. G. Lakshminarayan, B. A. Babcock and T. Otake. 1998. The Impact of Soil Conservation Policies on Carbon Sequestration in Agricultural Soils of the Central U.S. R. Lal, J. M. Kimble, R. F. Follet, and B. A. Stewart, eds. *Management of Carbon Sequestration in Soil*. Boca Raton, FL: CRC Press, pp. 125-142. **(Peer Reviewed)**

C. Published Proceedings

1. Frisvold, G., T. M. Hurley, and **P. D. Mitchell**. 2009. Cotton Grower Adoption of Weed Resistance Management Practices. *Proceedings of the Beltwide Cotton Conferences 2009*:306-313. Memphis, TN: National Cotton Council of America, 2009.
2. Hurley, T. M., **P. D. Mitchell**, and G. Frisvold. 2009. Adoption, Residual Herbicide Use, and Grower Values of Roundup Ready® Cotton. *Proceedings of the Beltwide Cotton Conferences 2009*:314-325. Memphis, TN: National Cotton Council of America, 2009.
3. Hurley, T. M., **P. D. Mitchell**, and G. Frisvold. 2009. Factors Affecting Weed Control Costs and Farmer Values for Roundup Ready® Cotton. *Proceedings of the Beltwide Cotton Conferences 2009*:364-366. Memphis, TN: National Cotton Council of America, 2009.
4. Buman, T., and **P. D. Mitchell**. 2006. Prescribed Fire Liability Insurance. *Proceedings of the Third International Fire Ecology and Management Congress*. Davis, CA: The Association for Fire Ecology, 2006.
5. **Mitchell, P. D.**, W. D. Hutchison, and T. M. Hurley. 2005. Risk and the Value of Additional Insecticide Applications for European Corn Borer Control in Processing Sweet Corn. *Proceedings of the 2005 Midwest Food Processors Association Annual Meeting*. Madison, WI: Midwest Food Processors Association, 2005.
6. Gassman, P. W., J. Wu, **P. D. Mitchell**, B. A. Babcock, T. M. Hurley and S. W. Chung. 1998. Impact of U.S. Agricultural Policy on Regional Nitrogen Losses. *Proceedings of the Third International Conference on Diffuse Pollution*. London: International Association of Water Quality, 1998.

D. Book Reviews

1. *Creating Abundance: Biological Innovation and American Agricultural Development*. By Alan L. Olmstead and Paul W. Rhode. Cambridge: Cambridge University Press, 2008. Review by **P. D. Mitchell**, *Agricultural History* Forthcoming 2010.
2. *The Nature of the Farm: Contracts, Risk, and Organization in Agriculture*. By Douglas W. Allen and Dean Lueck, Cambridge: MIT Press, 2002. Review by **P. D. Mitchell**, *Agricultural History* 78(Summer 2004):373-374.

E. Publications in Scientific Press

1. Dun, Z., and **P. D. Mitchell**. 2009. Estimating *Diabrotica virgifera virgifera* damage functions with field trial data. International Working Group on *Ostrinia* and Other Maize Pests (IWGO) Newsletter 29(May):5, 16.
2. **Mitchell, P. D.**, J. M. Alston, J. Hyde, M. C. Marra. 2003. Benefits from Transgenic Maize Resistant to Corn Rootworm. *Information Systems for Biotechnology News Report* (October):8-9.

F. Departmental Publications, Reports and Discussion Papers

1. **Mitchell, P. D.**, R. Rejesus, K.H. Coble, T. O. Knight. 2010. A Real Options Framework for Analyzing Program Participation as Human Capital Investments: The Case of the Average Crop Revenue Election (ACRE) Program. University of Wisconsin Agricultural and Applied Economics Staff Paper No. 547, August 2010, 38 p.
2. Cheng, L., and **P. D. Mitchell**. 2009. Status of the Wisconsin Ginseng Industry. Agricultural and Applied Economics, University of Wisconsin-Madison, Feb. 2009, 44 p.
3. Gould, B., **P. D. Mitchell**, and V. Cabrera. 2008. USDA's Gross Margin Insurance Program for Dairy: What is it and Can it be Used for Risk Management? Marketing and Policy Briefing Paper No. 95, Agricultural and Applied Economics, University of Wisconsin-Madison, August 2008, 22 p.
4. Jesse, E., B. Jones, and **P. D. Mitchell**. 2008. Farm Bill Update. In *Status of Wisconsin Agriculture* (pp. 39-48). University of Wisconsin-Madison Agricultural and Applied Economics, January 2008.
5. **Mitchell, P. D.**, and T. O. Knight. 2007. Economic Analysis of Supplemental Deductible Coverage as Recommended in the USDA's 2007 Farm Bill Proposal. University of Wisconsin Agricultural and Applied Economics Staff Paper No. 509, July 2007, 32 p.
6. Yang, J., **P. D. Mitchell**, M. Gray, and K. Steffey. 2007. Unbalanced Nested Component Error Model and the Value of Soil Insecticide and Bt Corn for Controlling Western Corn Rootworm University of Wisconsin-Madison Agricultural and Applied Economics Staff Paper No. 510, July 2007, 34 p.
7. **Mitchell, P. D.** 2007. Virginia Addendum to Developing A Prescribed Fire Insurance Liability Product: Actuarial Analysis of Survey Data. Addendum to the Final report summarizing survey data and insurance analysis, with accompanying spreadsheet data files and decision aid. Agricultural and Applied Economics, University of Wisconsin. May 2007, 30 p.
8. Hsieh, M.-F., **P. D. Mitchell**, and K. W. Stiegert. 2007. Demand for Organic and Conventional Potatoes." University of Wisconsin-Madison Food Systems Research Group Working Paper FSWP2007-01, February 2007, 30 p.
9. Hsieh, M.-F., **P. D. Mitchell**, and K. W. Stiegert. 2007. Organic and Conventional Potatoes: Pricing and demand 2000-05. University of Wisconsin-Madison Food Systems Research Group Discussion Paper February 2007, 10 p.
10. **Mitchell, P. D.** 2006. Developing A Prescribed Fire Insurance Liability Product: Actuarial Analysis of Survey Data. Final report summarizing survey data and insurance analysis, with accompanying spreadsheet data files and decision aid. Agricultural and Applied Economics, University of Wisconsin-Madison. December 2006, 80 p.

11. Jesse, E.V., and **P.D. Mitchell**. 2006. Producer Preferences for Agricultural, Food and Public Policy: A Wisconsin Perspective. Marketing and Policy Briefing Paper No. 92, Agricultural and Applied Economics, University of Wisconsin-Madison, October 2006, 29 p.
12. **Mitchell, P. D.**, T. Buman, and S. Buman. 2006. Count Data Models of Prescribed Fire Escapes. Paper prepared for American Agricultural Economics Association Annual Meetings. Available on AgEcon Search, June 2006.
13. **Mitchell, P. D.**, T. M. Hurley, and M. E. Rice. 2004. Is Bt Corn Really a Drag? Yield Drag, Yield Variance and Bt Corn. Faculty Paper FP 04-01, Department of Agricultural Economics, Texas A&M University, April 2004.
14. **Mitchell, P. D.** 2002. Rating Methodology for Nutrient Management/Best Management Practice Insurance. Department Technical Report DTR 02-1, Department of Agricultural Economics, Texas A&M University, August 2002, 42 p.
15. **Mitchell, P. D.** 2002. Yield Benefit of Corn Event MON 863. Faculty Paper FP 02-04, Department of Agricultural Economics, Texas A&M University, May 2002.
16. **Mitchell, P. D.**, M. E. Gray, and K. L. Steffey. 2002. Composed Error Model for Insect Damage Functions: Yield Impact of Rotation Resistant Western Corn Rootworm in Illinois. Faculty Paper FP 02-02, Department of Agricultural Economics, Texas A&M University, Mar. 2002.
17. **Mitchell, P. D.**, T. M. Hurley, R. L. Hellmich. 2000. Economic Evaluation of Bt Corn Refuge Insurance. Working Paper 00-WP 243, Center for Agricultural and Rural Development, Iowa State University, July 2000, 30 p.
18. **Mitchell, P. D.** 2000. Generation of Simulated Daily Precipitation, Air and Soil Temperatures. Working Paper 00-WP 234, Center for Agricultural and Rural Development, Iowa State University, January 2000.
19. **Mitchell, P. D.** and W. Riedell. 2000. Stochastic Dynamic Northern Corn Rootworm Population Model. Working Paper 00-WP 235, Center for Agricultural and Rural Development, Iowa State University, January 2000.
20. Babcock, B. A., T. Campbell, P. W. Gassman, T. M. Hurley, **P. D. Mitchell**, T. Otake, M. Siemers and J. Wu. 1997. *RAPS 1997: Agricultural and Environmental Outlook*. Ames, IA: Center for Agricultural and Rural Development, Iowa State University, 1997.
21. **Mitchell, P. D.** 1997. Cost of Production Budgets. Technical Report TR-37. Center for Agricultural and Rural Development, Iowa State University, June 1997.
22. Johnson, S. R., B. A. Babcock, T. Campbell, P. W. Gassman, P. G. Lakshminarayan, **P. D. Mitchell** and J. Wu. 1996. *RAPS 1996: Agricultural and Environmental Outlook*. Ames, IA: Center for Agricultural and Rural Development, Iowa State University, 1996.
23. Lakshminarayan, P. G., B. A. Babcock and **P. D. Mitchell**. 1996. A Conceptual Framework for Evaluating Agricultural Economic and Environmental Tradeoffs in Central Nebraska using Field-Level Data. Working Paper WP-162, Center for Agricultural and Rural Development, Iowa State University, July 1996.
24. Kruse, J., **P. D. Mitchell**, A. Bouzaher and D. Smith. 1995. Net Returns of Alternative Crops on Flood-Prone Land. Working Paper WP-132. Center for Agricultural and Rural Development, Iowa State University, February 1995.

G. Work in Progress

1. Coble, K. H., R. Rejesus, **P. D. Mitchell**, and T. O. Knight. U.S. Agricultural Producer Perception of Climate Change. In review at *Climate Change*.
2. **Mitchell, P. D.**, R. Rejesus, K.H. Coble, T. O. Knight. A Real Options Framework for Analyzing Program Participation as Human Capital Investments: The Case of the Average Crop Revenue Election (ACRE) Program. In review at *American Journal of Agricultural Economics*.
3. **Mitchell, P. D.**, G. Shi, and J. Lauer. "Information and the Use of New Technology: Evidence from Seeding Density Decisions of U.S. Corn Farmers." Preparing first submission to *American Journal of Agricultural Economics*.
4. **P. D. Mitchell** and Z. Dun. An Unbalanced Nested Error Component Model for Estimating Pest Damage Functions and the Value of Rootworm Bt Corn. Paper to be presented at the Agricultural and Applied Economics Association Annual Meetings in Denver, CO, July 2010.
5. Garcia, A., E. Belasco, T. Knight, K. Coble, **P. D. Mitchell** and R. Rejesus. The Evolution of Risk Management Education in the US: An Evaluation into Stated Past and Present Demands.
6. Aultman, S., T. Hurley, **P. D. Mitchell**, and G. Frisvold. Valuing the Roundup Ready Soybean Weed Management Program.

H. Invited Research Presentations

1. **Mitchell, P. D.**, G. Shi, and J. Lauer. "Information and the Use of New Technology: Evidence from Seeding Density Decisions of U.S. Corn Farmers." University of Illinois, Dept. of Agricultural and Consumer Economics, Urbana/Champaign, IL, April 30, 2010.
2. **Mitchell, P. D.** "Hierarchical Modeling and the Economics of Risk in IPM." University of Wisconsin Department of Entomology Colloquium. Madison, WI, Mar. 28, 2008.
3. **Mitchell, P. D.** "Costs and Benefits of Controlling *Diabrotica*: The USA Experience." Economics of *Diabrotica* Control: EU Project DIABR-ACT. Wageningen University, Wageningen, Netherlands. April 3, 2007.
4. **Mitchell, P. D.**, and T. M. Hurley. "Adverse Selection, Moral Hazard, and Grower Compliance with Bt Corn Refuge." Environmental Economics and Natural Resources Group, Wageningen University, Wageningen, Netherlands. November 16, 2006.
5. **Mitchell, P. D.** "Economics: What have Transgenics Meant for U.S. Farmers?" American Society of Agronomy/Crop Science Society of America/Soil Science Society of America Annual Meetings, Indianapolis, IN. November 12-16, 2006.
6. **Mitchell, P. D.** "Economics and Risk of Sweet Corn IPM." University of Minnesota Department of Entomology Seminar, St. Paul, MN, April 11, 2006.
7. **Mitchell, P. D.**, and D. W. Onstad. "Effect of Northern Corn Rootworm Extended Diapause on Insect Resistance Management." Monsanto Rootworm Bt Corn Insect Resistance Management Workshop, St. Louis, MO, October 26-27, 2005.
8. **Mitchell, P. D.**, and D. W. Onstad. "Effect of Northern Corn Rootworm Extended Diapause on Insect Resistance Management." Monsanto Corn Rootworm Insect Resistance Management Workshop, Chicago, IL, April 11, 2005.

9. **Mitchell, P. D.**, M. E. Gray, and K. L. Steffey. “A Composed Error Model for Estimating Pest-Damage Functions and the Impact of the Western Corn Rootworm Soybean Variant in Illinois.” Department of Agricultural and Applied Economics, University of Wisconsin-Madison, April 6, 2004.
10. **Mitchell, P. D.** and E. Zu. “Effect of Northern Corn Rootworm Extended Diapause on Insect Resistance Management for Corn Event MON 863.” Monsanto Corn Rootworm Insect Resistance Management Workshop, St. Louis, MO, December 15-16, 2003.
11. **Mitchell, P. D.** “Farmer Value of Corn Events MON 810 and MON 863 and Stewardship Incentives.” Monsanto/Texas A&M Academic Outreach Event, St. Louis, MO, June 24-26, 2002.
12. **Mitchell, P.D.** “Decomposed Error Model for Insect Damage Functions.” Monsanto Academic Corn Rootworm Insect Resistance Management Research Workshop, St. Louis, MO, November 5, 2001.
13. **Mitchell, P. D.** “Northern Corn Rootworm Modeling” USDA-ARS Corn Rootworm Areawide Management Annual Meeting, San Antonio, TX, October 24-26, 2000.
14. **Mitchell, P. D.** “Stochastic Metamodels to Simplify Complex Adaptive Systems: The Case of Corn Rootworm and Transgenic Agriculture.” Complex Adaptive Systems Workshop, Iowa State University, Ames, IA, April 7, 1999.
15. **Mitchell, P. D.** “Using Insurance to Encourage Adoption of IPM: The Case of Corn Rootworm.” North Central Branch of the Entomological Society of America Annual Meetings, Des Moines, IA, March 31, 1999.
16. **Mitchell, P. D.** “Theory and Practice of Green Insurance: Incentive Contracts for Technology Adoption.” Department of Agricultural Economics, Texas A&M University, College Station, TX, September 4, 1998.
17. Hurley, T. M., B. A. Babcock, and **P. D. Mitchell.** “Carbon Sequestration and Agriculture: Recent Trends and Future Opportunities.” Workshop on Impacts of Global Climate Change and Mitigation Strategies on US Agriculture, Washington, DC, May 28, 1998.

I. Research Presentations

1. **Mitchell, P.D.**, G. Shi. and J. Lauer. “Trends in farmer corn seeding densities and the effect of transgenic traits: implications for IRM.” 2009 Entomological Society of America Annual Meetings, Indianapolis, IN, December 13-16, 2009.
2. **Mitchell, P. D.**, and Z. Dun. “Estimating *Diabrotica virgifera virgifera* Damage Functions with Field Trial Data.” 23rd International Working Group on *Ostrinia* and Other Maize Pests, Munich, Germany, April 5-8, 2009.
3. **Mitchell, P. D.**, G. Shi, and X. Ma. “Effect of Prices, Traits and Market Structure on Corn Seeding Density” NC-205/NCC46 Joint Meetings, St. Paul, Minnesota, January 26-29, 2009.
4. **Mitchell, P. D.**, and T. Knight. Economic Analysis of Supplemental Deductible Coverage as Recommended in the USDA’s 2007 Farm Bill. Northeastern Agricultural & Resource Economics Assoc., Crop Insurance Workshop, Rehoboth Beach, DE, June 12, 2007.
5. **Mitchell, P. D.**, T. Buman, and S. Buman. “Sample Size Correction of Count Data Models: Prescribed Fire Escapes.” American Agricultural Economics Association Annual Meeting, Long Beach, CA. July 23-26, 2006.

6. Seo, S., E. Segarra, **P. D. Mitchell**, and D. Leatham. "Irrigation Technology Adoption in the Texas High Plains: A Real Options Approach." American Agricultural Economics Association Annual Meeting, Long Beach, CA. July 23-26, 2006.
7. **Mitchell, P. D.**, and W. D. Hutchison. "Risk and the Value of Additional Insecticide Applications for European Corn Borer Control in Processing Sweet Corn." Midwest Food Processors Association Annual Meeting, St. Paul, MN December 6-7, 2005.
8. **Mitchell, P.D.**, and T. M. Hurley. Adverse Selection, Moral Hazard, and Grower Compliance with Bt Corn Refuge. USDA-CSREES Regional Committee NC1003 Meetings in Washington, DC, March 10-12, 2005.
9. **Mitchell, P.D.** Economic Impact of CRW. USDA-CSREES Regional Committee NCR46 Meetings in Washington, DC, January 23-26, 2005.
10. **Mitchell, P.D.**, T. M. Hurley, and M. E. Rice "Is Bt Corn Really a Drag? Bt Corn Yield Drag and Yield Variance." USDA-CSREES Regional Committee NC205 Meetings in Columbus, OH, January 26-28, 2004.
11. **Mitchell, P. D.** "Effect of Northern Corn Rootworm Extended Diapause on the Efficacy of Insect Resistance Management of Transgenic Corn." USDA-CSREES Regional Committee NCR46 Meetings in Columbus, OH, January 26-28, 2004.
12. **Mitchell, P. D.** "Nutrient Management Best Management Practice Insurance." Heartland Environmental and Resource Economics Workshop, Ames, IA, September 22-23, 2002.
13. **Mitchell, P. D.**, T.M. Hurley, B. A. Babcock, and R. L. Hellmich. "Insuring the Stewardship of Bt Corn: A Carrot versus A Stick." International Consortium in Agricultural Biotechnology Research, 6th International Conference, Ravello, Italy, July 11-14, 2002.
14. **Mitchell, P. D.**, T. M. Hurley, and M. E. Rice. "Risk and the Value of Bt Corn." SERA-IEG-31 Annual Meeting, Gulf Shores, AL, March 21-22, 2002.
15. **Mitchell, P.D.**, M. E. Gray, and K. L. Steffey. "Composed Error Model for Insect Damage Functions." USDA-CSREES Regional Committee NCR46 Meetings in Indianapolis, IN, January 29-31, 2002.
16. **Mitchell, P.D.** "Developing Risk Adjustment Factors for WeedSOFT." WeedSOFT Regional Development Workshop, Lincoln, NE, September 25, 2001.
17. **Mitchell, P.D.** "Additive versus Proportional Pest Damage Functions: Why Ecology Matters." Heartland Environmental and Resource Economics Workshop, Ames, IA, September 23-24, 2001.
18. **Mitchell, P.D.**, T.M. Hurley, and M.E. Rice. "What is the Value of Bt Corn?" Selected Paper: American Agricultural Economics Association Annual Meeting, Chicago, IL, August 5-8, 2001.
19. **Mitchell, P.D.** "Additive versus Proportional Pest Damage Functions: Why Ecology Matters." Selected Paper: American Agricultural Economics Association Annual Meeting, Chicago, IL, August 5-8, 2001.
20. **Mitchell, P. D.** "Discussion of Papers Concerning Technology Adoption." SERA-IEG-31 Annual Meeting, Gulf Shores, AL, March 22-24, 2001.

21. **Mitchell, P. D.**, B. A. Babcock and D. A. Hennessy. “Green Insurance for Provision of Best Management Adoption Incentives.” Heartland Environmental and Resource Economics Workshop, Ames, IA, September 17-28, 2000.
22. **Mitchell, P. D.**, T. M. Hurley, and R. L. Hellmich. “Economic Evaluation of Bt Corn Refuge Insurance.” Selected Paper: American Agricultural Economics Association Annual Meeting, Tampa, FL, July 30-August 2, 2000.
23. **Mitchell, P. D.**, B. A. Babcock and D. A. Hennessy. “Impact of Imperfect Information and Green Insurance on Best Management Practice Adoption Incentives.” SERA-IEG-31 Economics and Management of Risk in Agriculture and Natural Resources. Gulf Shores, AL, March 23-25, 2000.
24. **Mitchell, P. D.** “Stochastic Dynamic Northern Corn Rootworm Population Model.” USDA-CSREES Regional Committee NCR-46 Corn Rootworm Meeting, Madison, WI, January 26-28, 2000.
25. **Mitchell, P. D.** and B. A. Babcock. “Environmental Tradeoffs and the Industrialization of U.S. Livestock Production.” Organized Symposium: American Agricultural Economics Association Annual Meeting, Salt Lake City, August 2-5, 1998.
26. **Mitchell, P. D.** “Green Payments vs. Green Insurance for Nonpoint Source Pollution Control.” Selected Paper: American Agricultural Economics Association Annual Meeting, Salt Lake City, August 2-5, 1998.
27. Babcock, B. A., T. M. Hurley, J. Wu, and **P. D. Mitchell**. “The Environmental Effects of Freedom to Farm.” Selected Paper: American Agricultural Economics Association Annual Meeting, Salt Lake City, August 2-5, 1998.
28. **Mitchell, P. D.**, B. A. Babcock and P. G. Lakshminarayan. “Tradeoff between Producer Profit and Agricultural CO₂ Emissions.” Selected Paper: American Agricultural Economics Association Annual Meeting, Toronto, July 27-30, 1997.
29. **Mitchell, P. D.**, P. G. Lakshminarayan, B. A. Babcock, and T. Otake. “The Impacts of Soil Conservation Policies on Carbon Sequestration in Agricultural Soils of the Central United States.” Carbon Sequestration in Soil Symposium, Columbus, OH, July 1996.
30. **Mitchell, P. D.** “The Impact of Comedy on Thucydides.” Classical Association of the Middle West and South Annual Meeting, Iowa City, IA, April 15-17, 1993.

J. Research Presentations by Graduate Students

1. Dun, Z., and **P.D. Mitchell**. 2010. “An Unbalanced Nested Error Component Model for Estimating Pest Damage Functions and the Value of Rootworm Bt Corn.” American Agricultural Economics Association Annual Meeting, Denver, CO, July 25-27, 2010.
2. **Mitchell, P. D.**, G. Shi, X. Ma, and J. Lauer. “Effect of Prices, Traits and Market Structure on Corn Seeding Density.” American Agricultural Economics Association Annual Meeting, Milwaukee, WI, July 26-28, 2009.
3. Yang, J., and **P. D. Mitchell**. “Unbalanced Nested Component Error Model for Estimating Insect Damage Functions.” Selected Paper: American Agricultural Economics Association Annual Meeting, Denver, CO, August 1-4, 2004.
4. You, W., **P. D. Mitchell**, and G. C. Davis. “Sweet Persuasion: Soft Drinks, School Funding, and Children’s Health.” Selected Paper: American Agricultural Economics Association Annual Meeting, Denver, CO, August 1-4, 2004.

5. Zu, E., and **P. D. Mitchell**. “Moral Hazard, Adverse Selection, and Bt Corn: Contract to Secure Grower Compliance with Bt corn Refuge Requirements.” Selected Paper: American Agricultural Economics Association Annual Meeting, Denver, CO, August 1-4, 2004.
6. Seo, S., **P. D. Mitchell**, and D. Leatham. Effect of Federal Risk Management Programs on Land Allocation and Input Use.” Selected Paper: American Agricultural Economics Association Annual Meeting, Denver, CO, August 1-4, 2004.
7. Seo, S., V. Salin, **P. D. Mitchell**, and D. Leatham. “Effect of Revenue Insurance on Entry and Exit Decisions in Table Grape Production: A Real Option Approach.” Selected Paper: American Agricultural Economics Association Annual Meeting, Denver, CO, August 1-4, 2004.
8. Zu, E., and **P. D. Mitchell**. “Audit Lotteries to Ensure Grower Compliance with Bt Corn Refuge Requirements.” Texas A&M University Department of Agricultural Economics Seminar in Resource and Environmental Economics, May 10, 2004.
9. Seo, S., **P. D. Mitchell**, and D. Leatham. “Effects of Federal Risk Management Programs on Acreage Allocation and Nitrogen Use in a Texas Cotton-Sorghum System.” USDA-CSREES Regional Committee SRIEG-76, Gulf Shores, AL March 26-27, 2004.
10. Seo, S., V. Salin, **P. D. Mitchell**, and D. Leatham. “Effect of Revenue Insurance on Entry and Exit Decisions in Table Grape Production: A Real Option Approach.” USDA-CSREES Regional Committee SRIEG-76, Gulf Shores, AL March 26-27, 2004.
11. Casillas, G., and **P. D. Mitchell**. “Subsidized Credit Rationing and National Development Banks in Developing Countries.” Southern Economic Association Annual Meeting, San Antonio, TX, November 21-23, 2003.
12. Casillas, G., and **P. D. Mitchell**. “Subsidized Credit Rationing and National Development Banks in Developing Countries.” Texas A&M University Department of Agricultural Economics Seminar in Markets and Information Economics, October 10, 2003.
13. Casillas, G., and **P. D. Mitchell**. “Rural Credit Rationing and National Development Banks in Developing Countries.” Selected Paper: American Agricultural Economics Association Annual Meeting, Montreal, Quebec, Canada, July 27-30, 2003.
14. You, W., **P. D. Mitchell**, and R. Nayga, Jr. “Using Food Stamps to Improve Nutrient Intake.” Selected Paper: American Agricultural Economics Association Annual Meeting, Montreal, Quebec, Canada, July 27-30, 2003.
15. Zu, E., and **P. D. Mitchell**. “Contract to Secure Grower Compliance with Bt Corn Refuge.” Selected Paper: American Agricultural Economics Association Annual Meeting, Montreal, Quebec, Canada, July 27-30, 2003.
16. You, W., **P. D. Mitchell**, and R. Nayga, Jr. “Using Food Stamps to Improve Nutrient Intake.” Texas A&M University Department of Agricultural Economics Seminar in Markets and Information Economics, July 11, 2003.
17. Seo, S., D. Leatham, and **P. D. Mitchell**. “Risk Sharing and Incentives under Crop Insurance and External Equity Financing.” USDA-CSREES Regional Committee NCT194 (formerly NC221): Agricultural Finance Markets in Transition, Kansas City, MO, October 6-7, 2003.

18. Yang, J., and **P. D. Mitchell**. “Composed Error Model for Insect Damage Functions.” Heartland Environmental and Resource Economics Workshop, Ames, IA, September 22-23, 2002.

K. Research Presentations by Other Co-Authors

1. T. M. Hurley, **P. D. Mitchell**, and G. Frisvold. “Weed best management practices and the sustainability of the Roundup Ready weed management program.” 2009 Entomological Society of America Annual Meetings, Indianapolis, IN, December 13-16, 2009.
2. Aultmann, S., T. M. Hurley, **P. D. Mitchell**, and G. Frisvold. “Valuing the Roundup Ready Corn and Soybean Management Program.” American Agricultural Economics Association Annual Meeting, Milwaukee, WI, July 26-28, 2009.
3. Frisvold, G., T. M. Hurley, and **P. D. Mitchell**. “Adoption of Best Management Practices to Control Weed Resistance by Cotton, Corn, and Soybean Growers.” American Agricultural Economics Association Annual Meeting, Milwaukee, WI, July 26-28, 2009.
4. Hurley, T. M., **P. D. Mitchell**, and G. Frisvold. “Adoption, Residual Herbicide Use, and Grower Values of Roundup Ready® Cotton.” Beltwide Cotton Conferences, San Antonio, TX, January 5-8, 2009.
5. Frisvold, G., T. M. Hurley, and **P. D. Mitchell**. “Cotton Grower Adoption of Weed Resistance Management Practices.” Beltwide Cotton Conferences, San Antonio, TX, January 5-8, 2009.
6. Hutchison, W., R. Moon, T. Leslie, S. Fleischer, M. Abrahamson, K. Hamilton, M. Gray, K. Steffey, R. Hellmich, V. Kaster, R. Wright, T. Hunt, **P. D. Mitchell**. “Twelve Years after the Adoption of Bt Maize in the U.S.: Impacts of Landscape Level Suppression of European Corn Borer in Several Midwestern States.” International Congress of Entomology, Durban, South Africa, July 6-12, 2008.
7. Buman, T., and **P. D. Mitchell**. “Prescribe Fire Liability Insurance.” Third International Fire Ecology and Management Congress, San Diego, CA, November 13-17, 2006.
8. Hutchison, W. D., E. Burkness, G. Pahl, T. Rabaey, B. Flood, T. Hurley, and **P. D. Mitchell**. Accelerating Technology Transfer of IPM: Recent Advancements with Midwestern U.S. Vegetable Crops via Private/Public Partnerships.” 21st Brazilian Entomological Congress, Recife/Salvador, Brazil, August 7-12, 2006.
9. Hutchison, W. D., E. Burkness, G. Pahl, T. Hurley, and **P. D. Mitchell**. “IPM—Rationale for a Risk/Reward Framework to Accelerate Adoption of IPM.” Entomological Society of America Annual Meetings, Ft. Lauderdale, FL, December 15-18, 2005.
10. Mueller, T. C., **P. D. Mitchell**, B. G. Young, and A. S. Culpepper. Proactive Versus Reactive Management of Glyphosate-Resistant or -Tolerant Weeds. Invited Presentation, Syngenta Media Summit, New Orleans, LA, October, 2004.
11. Alston, J. M., J. Hyde, M. C. Marra, and **P. D. Mitchell**. An Ex Ante Analysis of the Benefits from the Adoption of Corn Rootworm Resistant, Transgenic Corn Technology. Australian Agricultural and Resource Economics Society General, Feb. 11, 2003.
12. Crowder, D.W., D. W. Onstad, C. A. Guse, and **P. D. Mitchell**. “Understanding and Managing the Rotation-Resistant Western Corn Rootworm: Simulated Analysis.” Joint ESA - ASA Symposium: Areawide Management of Corn Rootworms. Annual Meeting

of the North Central Branch of the Entomological Society of America, Madison, WI, March 23-26, 2003.

13. Mueller, T., S. Culpepper, B. Young, and **P. D. Mitchell**. “A Good Herbicide: Use It and Lose It.” Invited Presentation, Florida Weed Science Society Annual Meetings, Lake Alfred, FL, February 22-23, 2005.

L. Research Poster Presentations

1. Goeser, N.J., A.J. Bussan, P. Esker, and **P.D. Mitchell**. “Russet Burbank Growth and Development Patterns in Wisconsin.” Potato Association of America Annual Meeting, Corvallis, OR August 15-19, 2010.
2. Hurley, T. M., **P. D. Mitchell**, and G. Frisvold. “Factors Affecting Weed Control Costs and Farmer Values for Roundup Ready® Cotton.” Beltwide Cotton Conferences, San Antonio, TX, January 5-8, 2009.
3. Mueller, T., S. Culpepper, B. Young, and **P. D. Mitchell**. “Proactive versus Reactive Glyphosate Management.” Weed Science Society of America Annual Meetings, Honolulu, HI, February 6-11, 2005.

M. Funded Research Projects

1. Veggie Compass: Whole Farm Planning for Enhanced Profitability of Midwestern Organic Vegetable Growers. Co-Project Director under Project Director E. Silva. Three Year (2010-2013) Competitive Grant from the Ceres Trust Organic Research Initiative for \$176,000.
2. Off-Site Suppression of European Corn Borer and its Economic and Environmental Impacts on Midwestern and Delmarva Vegetable Crops due to Bt Corn Adoption. Co-Principal Investigator with G. Dively (University of Maryland Entomology) and W. Hutchison (University of Minnesota Entomology). Three Year (2009-2012) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, Biotechnology Risk Assessment Research Competitive Grant for \$375,000.
3. Economic Benefits of Landscape-Scale Suppression of European Corn Borer by Bt Corn Adoption. Principal Investigator. Two-Year (2009-2011) University of Wisconsin College of Agriculture and Life Science Hatch Grant for \$71,000.
4. Increasing the Economic and Environmental Sustainability of Sod Production Using Biosolids. Co-Project Director with D. Soldat (UW Soil Science) and eight others. Four Year (2008-2012) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, Specialty Crop Research Initiative Competitive Grant for \$497,000.
5. Evaluation of the Use of USDA’s Gross Margin Insurance Program by Dairy Farm Operators with Jersey Herds. Investigator under Principal Investigator Brian Gould. One-Year (2008-2009) American Jersey Cattle Association Research Foundation Competitive Grant \$7,500.
6. Refining and Implementing Multifunctional Management Strategies for Organic Processing Vegetables. Lead Project Director with A. Bussan (UW Horticulture) and D. Reinemann (UW Biological Systems Engineering). Three-Year (2007-2010) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, National Research Initiative-Managed Ecosystems Competitive Grant for \$497,000.
7. Risk Management Tools for Diversified Vegetable Producers in the Upper Midwest. Principal Investigator. Three-Year (2007-2010) USDA Risk Management Agency, Non-Insurance Risk Management Program Competitive Partnerships for \$321,000.

8. Economics of Producing Agricultural Commodities under Size-Based Incentive Contracts. Principal Investigator. Two-Year (2007-2009) University of Wisconsin College of Agriculture and Life Science Hatch Grant for \$53,000.
9. Reducing Cost to Accelerate Adoption of Variant Western Corn Rootworm IPM. Co-Principal Investigator with Eileen Cullen (UW-Entomology). Two year (2006-2007) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, North Central Region Integrated Pest Management Competitive Grant for \$90,000.
10. Developing AGR-Lite for Wisconsin. Principal Investigator. 1 year (2006) U.S. Department of Agriculture, Risk Management Agency, Non-Competitive Contract for \$12,000.
11. Economics of Corn Rootworm Control and Resistance Management. Principal Investigator. Two-Year (2005-2007) University of Wisconsin College of Agriculture and Life Science Hatch Grant for \$53,000.
12. Marketing Practices of Wisconsin Potato Growers. Co-Principal Investigator with K.yle Steigert. One-Year (2006) University of Wisconsin Food Systems Research Group Grant for \$39,000.
13. Mitigating the Economic Risk of Stock Reduction during Drought: An Adoption Support Tool for Cattle Producers. Investigator with Principal Investigator Stanley Buman (Agren, Inc., Carroll, IA). Two year (2004-2005) U. S. Department of Agriculture, Risk Management Agency, Research and Development Competitive Partnership for \$576,136.
14. Assessing the Risk of Resistance to Bt Corn by Rotation-Resistant Rootworms. Co-Principal Investigator with David Onstad, Joseph Spencer and Michael Gray (University of Illinois). Two year (2004-2005) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, Biotechnology Risk Assessment Research Competitive Grant for \$180,000.
15. Reducing Risk to Accelerate Adoption of Sweet Corn IPM. Co-Principal Investigator with Terry Hurley and Bill Hutchison (University of Minnesota). Two year (2004-2005) USDA-CSREES North Central Region Integrated Pest Management Competitive Grant for \$67,300.
16. Contributions to a Framework for Managing Insect Resistance to Transgenic Crops. Principal Investigator. Two year (2003-2004) U.S. Department of Agriculture, Agricultural Research Service and Environmental Protection Agency Cooperative Agreement, \$15,000.
17. Developing a Prescribed Fire Liability Product. Co-Principal Investigator with John Walkowiak (Iowa Dept. Natural Resources), Tom Buman (Agren Inc., Carroll, IA), and P. Seamon (Nature Conservancy). Two year (2003-2004) U.S. Department of Agriculture, Risk Management Agency, Research and Development Competitive Partnership for \$343,000.
18. Effect of Northern Corn Rootworm Extended Diapause on Insect Resistance Management for Corn Event MON863. Principal Investigator. One year (2003) Monsanto competitively awarded contract for graduate student support for \$10,500.
19. Economic Benefit to Growers of MON863 Corn Rootworm Transgenic Corn. Principal Investigator. One year (2002) Monsanto non-competitive unrestricted gift, \$8,000.
20. Evaluation of Performance Based Premium Rate Discounts. Investigator with Co-Principal Investigators T. O. Knight (Texas A&M University), K. H. Coble, and B. J. Barnett (Mississippi State University). One year (2002) U.S. Department of Agriculture, Risk Management Agency Research and Development Competitive Partnership, \$180,000.

21. Economics of Resistance Management for Transgenic Crops, Principal Investigator. One year (2000) Aventis Crop Science non-competitive unrestricted gift, \$10,000.
22. CAMGS Carbon Center Project. Co-Principal Investigator with Bruce McCarl (Texas A&M University). One year (2000) Iowa State University, Center for Agricultural and Rural Development, non-competitive contract, \$30,000.
23. Crop Rotation Collapses as a Pest Management Tool for Western Corn Rootworms: In Search of a Solution. Co-Principal Investigator with eleven others at the University of Illinois. Three year (2000-2002) competitive grant from Illinois Council for Food and Agricultural Research, \$2,000,000.
24. Erosion Productivity Impact Calculator (EPIC) and Pesticide Root Zone Model (PRZM) Metamodels for Site-Specific Pollution Production Functions. Principal Investigator. One year (1999) Iowa State University, Center for Agricultural and Rural Development, non-competitive contract, \$11,260.

6. EXTENSION

A. Extension Publications

1. K.B. Shelley and **P.D. Mitchell**. Cover Crops and Crop Insurance. UWEX Information Bulletin (2 p.), September, 2010.
2. **P.D. Mitchell**. Insuring Forage for SURE. UWEX Information Bulletin (2 p.), September, 2010.
3. **P.D. Mitchell**. Don't Forget About SURE. UWEX Information Bulletin (2 p.), September, 2010.
4. **Mitchell, P.D.** Thinking about ACRE for 2009. UWEX Information Bulletin (3 p.), July, 2009.
5. **Mitchell, P.D.** Overview of ACRE for 2009. UWEX Information Bulletin (3 p.), July, 2009.
6. Boerboom, C., and **P.D. Mitchell**. Wisconsin Winning Against Glyphosate-Resistant Weeds. *Wisconsin Crop Manager* 16(March 12, 2009):12-13.
7. **Mitchell, P.D.** Hints for Using Crop Insurance in 2009. UWEX Information Bulletin (2 p.), December 2008.
8. **Mitchell, P.D.** New Disaster Assistance for Wisconsin Farmers Affected by the 2008 Floods. UWEX Information Bulletin (2 p.), August 2008.
9. **Mitchell, P.D.** New Disaster Programs in the 2008 Farm Bill. UWEX Information Bulletin (4 p.), August 2008.
10. **Mitchell, P.D.** Practical Recommendations for Farmers Filing Late and Prevented Planting or Replant Claims: How to Work with Your Agent and Insurance Company. UWEX Information Bulletin (1 page), June 2008.
11. **Mitchell, P.D.** Disaster Assistance for Uninsured Farmers Affected by Recent Flooding. UWEX Information Bulletin (2 p.), June 2008.
12. **Mitchell, P.D.** Late and Prevented Planting Coverage and Replant Provisions for Wisconsin Farmers. UWEX Information Bulletin (2 p.), June 2008 (update).
13. **Mitchell, P.D.** Horticulture and Organic Agriculture (The Specialty Crops Title). 2008 Farm Bill: Wisconsin Focus Fact Sheet (2 p.), June 2008.
14. **Mitchell, P.D.** Average Crop Revenue Election (ACRE) Program. 2008 Farm Bill: Wisconsin Focus Fact Sheet (2 p.) plus diagram (1 page) June 2008.
15. **Mitchell, P.D.** Hints for Using Crop Insurance in 2008. UWEX Information Bulletin (2 p.), January 2008.
16. **Mitchell, P.D.** Is GRP a Good Deal for My Corn? UWEX Information Bulletin (5 p.), January 2008.
17. **Mitchell, P.D.** Federal Disaster Assistance for Vegetable Growers Affected by Recent Floods and Droughts. UWEX Information Bulletin (3 p.), September 2007, *Wisconsin Crop Manager* 14 (September 20, 2007):154-156, and Extension Responds: Flood August 2007.
18. **Mitchell, P.D.** Floods, Droughts and Crop Insurance: Alternative Uses of Insured Crops. UWEX Information Bulletin (2 p.), August 2007, *Wisconsin Crop Manager* 14 (August 29, 2007):145-146, and Extension Responds: 2007 Floods and Extension Responds: 2007 Drought.
19. **Mitchell, P.D.** Frost Damage and Crop Insurance Replant Provisions for Wisconsin Farmers. UWEX Information Bulletin (3 p.), May 2007 and *Wisconsin Crop Manager* 14(May 24, 2007):69-70.
20. **Mitchell, P.D.** Enterprise Budgeting Resources for Wisconsin Strawberry Farmers. UWEX Information Bulletin (1 page), May 2007.

21. **Mitchell, P.D.** Hints for Using Crop Insurance in 2007. UWEX Information Bulletin (2 p.), February 2007.
22. **Mitchell, P.D.** and F. Cody Heller. Is GRP a Good Deal for My Corn? UWEX Information Bulletin (5 p.), February 2007.
23. **Mitchell, P.D.** and F. Cody Heller. Is GRP a Good Deal for My Soybeans? UWEX Information Bulletin (4 p.), February 2007.
24. Hsieh, M.-F., **P. D. Mitchell**, and K. W. Stiegert. "Potato Demand in an Organic World: With demand for organic foods rising, how do potato varieties fare?" UW-Madison Food Systems Research Group, Issue Sheet 10 (2 p.), February 2007.
25. **Mitchell, P.D.** Late and Prevented Planting Coverage and Replant Provisions for Wisconsin Farmers. UWEX Information Bulletin (2 p.), June 2006.
26. Boerboom, C., and **P.D. Mitchell**. Can Proactive Herbicide Resistance Management Pay? *Wisconsin Crop Manager* 13(February 16, 2006):21-22.
27. Croff, C., and **P.D. Mitchell**. Estimating Your Cost of Potato Production. UWEX Information Bulletin (4 p.), with companion spreadsheet, February 2006.
28. **Mitchell, P.D.**, W. D. Hutchison, and E.C. Burkness. Sweet Corn for Processing: Value and Risk of IPM for European Corn Borer. Case study insert (2 p.) in Integrated Pest Management: A Risk Management Framework to Improve Decision -Making. University of Minnesota Extension Service, St. Paul, February 2006. <http://www.extension.umn.edu/distribution/horticulture/components/8231sweetcorn.pdf>.
29. Hutchison, W. D., E. C. Burkness, M. A. Carrillo, T. L. Galvin, **P. D. Mitchell**, and T. M. Hurley. Integrated Pest Management: A Risk Management Framework to Improve Decision-Making. Public 08229. University of Minnesota Extension Service, St. Paul, February 2006. <http://www.extension.umn.edu/distribution/horticulture/DG8229.html>.
30. **Mitchell, P.D.** An Overview of Crop Insurance for Wisconsin Farmers and Agricultural Professionals. *Wisconsin Crop Manager* 13(January 19, 2006):3.
31. **Mitchell, P.D.** New Bt Corn Decision Aid for Wisconsin Farmers. *Wisconsin Crop Manager* 13(January 19, 2006):3-4.
32. **Mitchell, P.D.** An Overview of Federal Crop Insurance in Wisconsin. UWEX Information Bulletin (24 p.), November 2005.
33. **Mitchell, P.D.** The Expected Net Benefit and Break-Even Probability for Bt Corn in Wisconsin. UWEX Information Bulletin (10 p.), with companion spreadsheet, Oct. 2005.
34. **Mitchell, P.D.** A Fast and Simple Method to Estimate Typical Machinery Costs. UWEX Information Bulletin (4 p.), with companion spreadsheet, July 2005.
35. **Mitchell, P. D.** Soybean Rust and Crop Insurance: Summary of Current RMA Guidelines. Extension Responds: Soybean Rust, July 2005.
36. **Mitchell, P. D.** Soybean Rust Management Activities Documentation Template. Extension Responds: Soybean Rust, July 2005.
37. **Mitchell, P. D.** Drought and Alternative Uses of Insured Crops: Can I Chop My Insured Corn for Silage? *Wisconsin Crop Manager* 12(July 21, 2005):166-167 and Extension Responds: Drought.
38. **Mitchell, P. D.** Machinery Cost Estimate for Cranberry Boom Spreaders. *Cranberry Crop Management Newsletter* XVIII(July 20, 2005):2-4.
39. **Mitchell, P. D.**, W. Halfman, and B. Boetel. Livestock Risk Protection (LRP) Insurance. UWEX Information Bulletin (5 p.), November 2004.

B. Publications in Trade Magazines

1. **Mitchell, P. D.**, J. Weber, B. Barham. 2010. "Fair Trade Coffee—Lessons for Healthy Grown." *The Badger Common'Tater* 62(8):9-11.
2. **Mitchell, P. D.** 2009. "Crop Insurance: Practices and Experiences of Wisconsin Potato and Vegetable Growers." *The Badger Common'Tater* 61(8):9-11.
3. **Mitchell, P.D.** 2008. Flooding on the Farm: The Effects of Floods on Agriculture. *Storm Water Solutions Runoff*, Feature article in August 2008 e-newsletter, <http://www.estormwater.com/Flooding-on-the-Farm-article9528>.
4. **Mitchell, P. D.** 2008. "The 2008 Farm Bill and What it Means for Wisconsin Potato and Vegetable Growers." *The Badger Common'Tater* 60(8):10-13.
5. Bussan, A.J., M. Carter, J. Colquhoun, A. Dierks, S. Dierks, R. Groves, **P.D. Mitchell**, P. Nowak, D. Knuteson, A. Wallendahl. 2008. "Sustainable Potato Production: A Means to an End?" *The Badger Common'Tater* 60(4):10-12.
6. **Mitchell, P. D.**, M. F. Hsieh, and K. Stiegert. 2007. "Potato Demand in an Increasingly Organic Marketplace." *The Badger Common'Tater* 59(10):10-12.

C. Extension Presentations

1. Economics and Transgenic Crops: RR Corn and Soybeans and Weed Resistance.
 - a. Central Wisconsin Processing Crops Conference, Plover, WI, March 10, 2010
 - b. NE Wisconsin Grain Crops Production Clinic, Brillion, WI, March 9, 2010.
 - c. NE Wisconsin Grain Crops Production Clinic, Green Bay, WI, March 9, 2010.
2. Integrating ACRE, SURE, and Crop Insurance: Producer Strategies for 2010. Silveus Insurance Group's Winter Ag Conference, Arlington, WI, January 21, 2010.
3. Economics of Roundup Ready Crops: Farmer Benefits and the Impact of Weed Resistance. Wisconsin Crop Management Conference, Madison, WI, January 14, 2010.
4. Corn Seeding Densities and Transgenic Traits: Economics and Farmer Behavior. Wisconsin Crop Management Conference, Madison, WI, January 14, 2010.
5. Thinking about ACRE. Special meeting regarding ACRE for local farmers hosted by UW Extension county agents.
 - d. St. Croix/Pierce Counties, Martell, WI, July 30, 2009
 - e. Vernon County, Viroqua, WI, August 10, 2009.
6. Crop Program Update: ACRE or DCP? Waupaca County Forage Council Summer Field Day, Manawa, WI, July 8, 2009.
7. How Should Extension Economists Talk about Crop Insurance with Farmers? North Central Farm Management Extension Committee Semiannual Meeting, Madison, WI, May 13, 2009.
8. Deciding What To Do About ACRE and SURE. Special meeting regarding new farm programs for local farmers hosted by UW Extension and USDA Farm Service Agency county agents, Menomonie, WI, March 12, 2009.
9. Update on Risk Management and Processing Vegetables. Central WI Processing Crops Meeting, Hancock, WI, March 11, 2009.
10. Crop Insurance: Changes and Hints for 2009. Heart of the Farm: Women in Agriculture Conference, Oshkosh, WI, March 6, 2009.
11. ACRE, SURE, Crop Insurance, and Producer Strategies for 2009. North East Wisconsin Grain Crops Production Clinic, Brillion, WI, March 4, 2009.
12. Understanding Farm Programs: ACRE, SURE and Crop Insurance. Crop Economics Update sponsored by the Mound City Bank, Platteville, WI, February 11, 2009.

13. ACRE, SURE and Crop Insurance: Changes and Hints for 2009.
 - a. Agricultural and Natural Resources Team Grains Monthly Teleconference for agents and state specialists, February 6, 2009,
 - b. Winter Crops Day, Sparta, WI, February 5, 2009,
 - c. Winter Crops Day, Arcadia, WI, February 5, 2009.
14. Input Prices: Long Term Trends and Short Term Realities. Wisconsin Potato and Vegetable Growers Association Annual Growers Conference, Stevens Point, WI, February 3, 2009.
15. Quick Potato Cost of Production and Net Returns Estimates. United Potato Growers Meeting at the Wisconsin Potato and Vegetable Growers Association Annual Growers Conference, Stevens Point, WI, February 3, 2009.
16. Understanding Farm Programs: ACRE, SURE and Crop Insurance. Wisconsin Corn/Soy Expo, Wisconsin Dells, WI, January 29, 2009.
17. Costs, Returns and Crop Insurance for Corn and Soybeans in the Central Sands. Corn-Soybean Production Seminar, Hancock, WI, January 19, 2009.
18. Crop Insurance and Risk Management: Changes and Hints for 2009. Corn-Soybean Production Seminar, Hancock, WI, January 19, 2009.
19. New Federal Risk Management Programs for Farmers. Wisconsin Crop Management Conference, Madison, WI, January 14, 2009.
20. Crop Rotation Economics. Presenter and Panel Moderator. Wisconsin Crop Management Conference, Madison, WI, January 14, 2009.
21. Veggie Compass: Which Way Do You Want to Grow? Wisconsin Fresh Market Fruit and Vegetable Conference, Wisconsin Dells, WI, January 6, 2009.
22. Crop Insurance and Federal Risk Management Programs: Changes and Hints for 2009.
 - a. Central Wisconsin Ag Lenders Conference, Wautoma, WI, December 18, 2008
 - b. Connecting Threads: Women in Agriculture, Wisconsin Dells, WI, December 5, 2008
 - c. Dane County Winter Ag Lender Meeting, Middleton, WI, December 4, 2008.
23. Input Prices: Where Are They Now and Where Are They Going? Wisconsin Potato and Vegetable Growers Association Soil Fertility Management Strategies Workshop, Stevens Point, WI, November 18, 2008.
24. The New Farm Bill: New Programs and New Requirements. Farm Bill/Crop Insurance Meeting, Mound City Bank, Platteville, WI September 9, 2008.
25. Insurance: Where Does it Fit into Your Operation? Whole Farm Management for Southwest Wisconsin Crop and Livestock Producers, Southwest Technical College, Fennimore, WI March 25, 2008.
26. Inputs and Crop Insurance for Potatoes and Vegetables in the New BioEconomy. Central WI Processing Crops Meeting, Hancock, WI, March 12, 2008.
27. Economic Realities of Growing Potatoes and Vegetables in the New BioEconomy. Central WI Processing Crops Meeting, Hancock, WI, March 12, 2008.
28. Crop Insurance—What it is, What it's not, When it's Worthwhile. Managing Risks in the Produce Market, Richland Center, March 11, 2008.
29. The New Economics of Crop Production in Wisconsin. Wisconsin Association of Professional Agricultural Consultants Spring Seminar, Arlington, WI, March 6, 2008.
30. Production Costs and Availability of Agricultural Inputs. Wisconsin Muck Farmers Association Annual Meeting, Portage, WI, March 4, 2008.
31. Evaluating Crop Insurance Issues and Options.
 - a. NE Wisconsin Grain Crops Production Clinic, Green Bay, WI, February 22, 2008

- b. NE Wisconsin Grain Crops Production Clinic, Brillion, WI, February 22, 2008.
- 32. Potato Demand in an Increasingly Organic World. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 7, 2008.
- 33. Growing Potatoes in the Bioeconomy. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 6, 2008.
- 34. Costs, Returns and Crop Insurance for Corn and Soybeans in the Central Sands. Corn and Soybean Production and Marketing Seminar, Hancock, WI, January 28, 2008.
- 35. The “New” Economics of Corn Production. 2008 Wisconsin Corn Conferences
 - a. Rice Lake, WI, January 10, 2008,
 - b. Johnson Creek, WI, January 21, 2008,
 - c. Richland Center, WI, January 22, 2008.
- 36. How Prices and Costs affect IPM. Wisconsin Fertilizer, Aglime, and Pest Management Conference, Madison, WI, January 17, 2008.
- 37. Economics of Crop Rotations under New Input and Grain Prices. Wisconsin Fertilizer, Aglime, and Pest Management Conference, Madison, WI, January 16, 2008.
- 38. The Farm Bill: What is the Current Status? Western Wisconsin Ag Lenders Conference, Menomonie, WI, January 10, 2008.
- 39. Strawberry Enterprise Budgeting. Wisconsin Berry Growers Association Summer Field Day Barneveld, WI, May 25, 2007.
- 40. Crop Insurance and Processing Vegetables: Farmer Practices and Net Returns. UW Extension Central Wisconsin Processing Crops Meetings, Hancock, WI, March 14, 2007.
- 41. Stacks of Bills vs. Stacks of Genes. North East Wisconsin Grain Crops Production Clinic.
 - a. Green Bay, WI, February 23, 2007
 - b. Brillion, WI, February 23, 2007.
- 42. How Do We Continue to Grow Quality Potatoes with Skyrocketing Input Costs? UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 7, 2007.
- 43. Value of AGR-Lite to Wisconsin Vegetable Growers. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 7, 2007.
- 44. Crop Insurance: Helpful Hints to Make More Money. Central Wisconsin Heart of the Farm, Wisconsin Dells, WI, January 23, 2007.
- 45. Crop Insurance and Commodity Crops: Helpful Hints to Make More Money. Juneau-Adams-Marquette Corn Soybean Growers 2006 Field Day, Camp Douglas, WI, Aug. 24, 2006.
- 46. AGR-Lite Listening Sessions. Seven meetings conducted, one each in Verona, Waukesha, Appleton, Hancock, Antigo, Spooner, and Altoona, WI over July 17-20, 2006.
- 47. Effect of Spacing and Tillage on Price and Returns, with A.J. Bussan. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 14, 2006.
- 48. Estimating Your Cost of Production for Growing Irrigated Corn and Expected Returns to Corn GRP Insurance. UW Extension Corn Marketing and Budgeting Seminar, Hancock Agricultural Research Station, WI, February 1, 2006.
- 49. New Decision-Making Tool to Estimate the Net Benefit of Bt Corn in Wisconsin. Wisconsin Fertilizer, Aglime and Pest Management Conference, Madison, WI, January 19, 2006.
- 50. Crop Insurance: What You Need to Know. UW-Extension FARM Team’s In-Service Professional Development Activity, Stevens Point, November 17, 2005.

51. Estimating Your Cost of Production for Growing Irrigated Corn. Potato-Vegetable-Field Corn-Cropping Systems on Irrigated Sandy Soil, Hancock Agricultural Research Station, Hancock, WI, October 25, 2005.
52. Estimating Cost of Production for Growing Corn and Soybeans. Central Wisconsin Corn Soybean Seminars.
 - a. Adams, WI, February 22, 2005
 - b. Marshfield WI, February 24, 2005,
 - c. Green Lake, WI, March 1, 2005
 - d. Stevens Point, WI, March 3, 2005.
53. Effect of Spacing and Tillage on Price. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 16, 2005.
54. Livestock Risk Protection Insurance. Jefferson County Farm Forum Night Class, Jefferson, WI, February 7, 2005.
55. Economics of Bt Corn in Wisconsin. Wisconsin Fertilizer, Agrilime and Pest Management Conference, Madison, WI, January 14, 2005.
56. Economic Analysis of Control Options for Western Corn Rootworm Soybean Variant in Southern Wisconsin.
 - a. Johnstown, WI, December 8, 2004
 - b. Burlington, WI, December 8, 2004.

D. Extension Poster Presentations

1. Claypool, R., E. Silva, **P. D. Mitchell**, J. Hendrickson, J. Munsch, and D. Baker. Veggie Compass: A Tool for Whole Farm Management. Midwest Organic and Sustainable Education Service Organic Farming Conference, La Crosse, WI, February 25-27, 2010.

E. Extension Presentations by Graduate Students

2. Croff, C., and **P. D. Mitchell**. Potato Production Cost Estimator. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 14, 2006.

F. Spreadsheet Decision Aids

The following are available at <http://www.aae.wisc.edu/mitchell/extension.htm>

1. USDA-FSA ACRE Calculator Spreadsheet: Wisconsin Template (adapted for Wisconsin)
2. Corn-Soybean-Small Grain Cost of Production and Marketing Calculator
3. Cost of Potato Production Estimator
4. Wisconsin Irrigated Corn Budget
5. Irrigation Cost Estimator for Wisconsin
6. Fast and Simple Method to Estimate Typical Machinery Costs
7. Net Benefit and Break-Even Probability Calculator for Bt Corn in Wisconsin
8. Net Benefit and Break-Even Probability Calculator for Western Corn Rootworm Control Using Soybean Trap Counts

G. Extension Work Cited in Newspapers and Magazines

1. *Wisconsin Ag Connection*. "Wisconsin Corn Grower Website Helps with ACRE Decision" (<http://www.wisconsinagconnection.com/story-state.php?Id=946&yr=2009>), August 7, 2009.
2. *The Country Today*. Front Page Article "Deadline looms for ACRE program sign-up." Summarized ACRE program, with several attributed direct quotes, plus printed links to my Extension bulletin and my contact information. August 5, 2009. (<http://www.thecountrytoday.com/story-news.asp?id=BKQ29FBA00R>).

3. WEAU.com, Channel 13, Eau Claire. Ag news article “Meeting to help farmers understand ACRE program” advertising upcoming meeting and UW Extension ACRE press release (<http://www.weau.com/agnews/headlines/51305662.html>). July 21, 2009.
4. News @ UW-Extension. Press Release. “Wisconsin farmers thinking about ACRE for 2009 and beyond” (<http://www.uwex.edu/news/2009/8/wisconsin-farmers-thinking-about-acre-for-2009-and-beyond>). August 3, 2009.
5. *Badger Common Tater*. Article “Central Wisconsin Processing Crops Conference” summarized extension presentations from March 2009. April 2009.
6. *AgriView*. Article “Crop Insurance, Disaster Assistance: Tips for Working Through the Rules” summarized extension bulletins for flood of 2008. June 19, 2008.
7. Media Newswire. Press Release “Tips/Perspectives on the Impact of Midwest Flooding” (http://media-newswire.com/release_1067772.html) included links to “Disaster Assistance for Uninsured Farmers Affected by Recent Flooding.” June 17, 2008.
8. *AgriView*. Article “Hints for Using Crop insurance in 2008” summarized extension bulletin of same name. March 6, 2008.
9. *Wisconsin State Farmer*. Article “Ag economist tabulates value for growers from transgenic traits” summarized presentation in Brillion, WI. March 2007.
10. *The Badger Common Tater*. Brief description of extension presentation in “Corn Marketing and Budgeting Seminar.” March 2006.
11. *AgriView*. “New Bt Corn Decision Aid for Wisconsin Farmers” described decision aid “Net Benefit and Break-Even Probability Calculator for Bt Corn in Wisconsin.” Feb. 2006.
12. *The Country Today*. Attributed direct quotes appeared in article “Take out the trash” based on an extension presentation. November 2, 2005.

H. Interviews

1. Erik Stokstad, Washington, DC for *Science*.
Telephone interview regarding release of National Research Council’s *The Impact of Genetically Engineered Crops on Farm Sustainability in the Untied States*. Attributed quote appear in News of the Week “Biotech Crops Good for Farmers and Environment, Academy Finds” appearing April 16, 2010. *Science* 328:295.
2. Mark Moore, Oconomowoc, WI for *Top Producer*.
Telephone interview regarding use of flexible cash leases, December 17, 2009.
3. Dinesh Ramde, Milwaukee, WI, Associated Press writer
Telephone interview regarding Wisconsin ginseng industry, December 16, 2009.
Research for “Made in America: Wisconsin farmers hope branding ginseng will help boost their market in China,” January 1, 2010.
4. Jim Massey, *The Country Today*, Eau Claire, WI.
Telephone interview regarding ACRE program, August 4, 2009. Attributed quotes appeared in article “Deadline looms for ACRE program sign-up.” August 5, 2009.
5. Michael Clish, WFAW Radio AM 940, Fort Atkinson, WI.
Live radio interview regarding ACRE program. July 31, 2009.
6. Rick Barrett, Milwaukee Journal Sentinel, Milwaukee, WI.
 - a. Telephone interview for article “Will crisis reach farms? Credit still available, but economists worry about future ripples.” October 6, 2008.
 - b. Telephone interview for article “Farmers’ planting schedules delayed: Rain, cold weather threaten state crop yields.” May 13, 2008.

- c. Telephone interview for article “Farmers’ risk grows with gain: commodity prices are good, but costs are up, too.” April 27, 2008.
- 7. Nate Leaf, Wisconsin State Journal, Madison, WI.
Telephone interview; attributed quotes appeared in article “Fuel prices may pinch farmers.”
March 28, 2006.
- Ed Clark, Clark Communications, Minneapolis, MN.
Telephone interview to prepare freelance article “Ten things to think about before buying
farm insurance.” October 2005.
- 8. Channel 27 WKOW, Madison, WI.
Telephone interview about farmer options for crop losses from the Stoughton tornado;
comments anonymously cited in aired news report. August 20, 2005.

7. TEACHING

A. Courses Taught at the University of Wisconsin

AAE 320: Farming Systems Management (3 hours)

Undergraduate course covering fundamentals of production economics and farm business management, including financial management, taxes and business arrangements, budgeting, and agricultural policy

AAE 399: Coordinated Internship/Cooperative Education (3 hours):

Coordinated a total of 5 student internships over 6 semesters for a total of 15 credits

Coordinated 5 different student internships with credits typically taken in the summer and fall. Required regular reports of summer activities and a paper and additional meetings in the fall describing the internship and knowledge learned.

AAE 699: Independent Study: Economics of Crop Insurance

Covered the various crop insurance programs available in Wisconsin, methods to analyze net returns from crop insurance, and writing an Extension publication.

AAE 990: Research and Thesis Independent Study

Graduate research credits.

B. Teaching Chronology and Enrollment at the University of Wisconsin

Chronology of Courses Taught and Enrollment

Year	Semester	Course	Enrollment	Credits
2006	Spring	AAE 320	27	3
2006	Summer	AAE 990	1	2
2006	Fall	AAE 699	1	4
2007	Spring	AAE 320	30	3
		AAE 990	2	1 & 3
2007	Summer	AAE 399	1	1
		AAE 990	1	2
2007	Fall	AAE 399	1	2
		AAE 699	1	2
2008	Spring	AAE 320	30	3
2008	Summer	AAE 399	2	1 & 3
		AAE 990	1	2
2008	Fall	AAE 399	1	2
2009	Spring	AAE 320	28	3
2009	Summer	AAE 399	1	1
		AAE 990	2	2
2009	Fall	AAE 399	2	2 & 3

C. Summary of Student Teaching Evaluations at the University of Wisconsin

Mean responses by question from student teaching evaluations of Mitchell's teaching of AAE 320: Farming System Management (AAE department averages in parentheses).

Question	----- Annual Means -----				--- Average* ---	
	2006	2007	2008	2009	Mitchell	AAE
Were the classes clearly organized and well prepared?	4.05 (4.15)	4.39 (4.15)	3.57 (4.14)	3.73 (4.07)	3.94	3.96
Were the classes interesting and thought provoking?	3.77 (3.96)	4.20 (3.93)	3.14 (3.98)	3.27 (3.72)	3.60	3.64
How useful were the readings?	3.29 (3.21)	3.75 (2.87)	3.35 (2.95)	3.36 (3.42)	3.44	3.42
How well have the examinations and other assignments measured your knowledge of the course material?	4.36 (3.75)	4.61 (3.58)	4.00 (3.82)	3.82 (3.66)	4.20	4.05
How would you rate the difficulty of this course in comparison with your other University courses?	2.77 (3.09)	2.61 (3.13)	2.43 (3.03)	2.59 (3.13)	2.60	2.68
How fair were the grading procedures?	4.55 (3.91)	4.39 (3.80)	4.19 (3.97)	4.23 (3.83)	4.34	4.18
How responsive or helpful did you find the professor?	4.45 (4.09)	4.61 (3.86)	3.90 (4.03)	4.23 (4.09)	4.30	4.21
Would you recommend this course to a friend?	4.36 (4.17)	4.78 (3.94)	4.10 (4.07)	4.36 (3.95)	4.40	4.35
Overall, how do you rate the quality of the professor's teaching in this course?	4.23 (4.28)	4.72 (4.17)	3.57 (4.30)	4.18 (4.33)	4.18	4.19

* Simple average of annual means.

D. Direction of Graduate Students at the University of Wisconsin

Major Professor: Masters

1. Carsten Croff, Agricultural and Applied Economics, Graduated Summer 2007.
Thesis: "Estimating the Economic Impact of Tropospheric Ozone on Agriculture: Comparing Stochastic and Deterministic Methods."
2. Dana Butler, 2nd year Masters Student, Agricultural and Applied Economics

Major Professor: Ph.D.

1. Zhe Dun, 4th year Ph.D. Student, Agricultural and Applied Economics

Committee Member: Masters

1. Shoshana Griffith, Agricultural and Applied Economics/Agroecology, Major Professor: J. Foltz. Anticipated graduation in 2013.
2. Rebecca Claypool, AgroEcology Program, Major Erin Silva, Agronomy. Graduated December 2009.

Committee Member: Ph.D.

1. Ming-Feng Hsieh, Agricultural and Applied Economics, Major Professor: K. Steigert. Anticipated graduation in 2010.
2. Nick Goeser, Department of Horticulture, Major Professor: A.J. Bussan. Anticipated graduation in 2011.
3. Hwanil Park, Agricultural and Applied Economics, Major Professor: T. Randall Fortenberry. Graduated summer 2009.
4. Francisco Galarza, Agricultural and Applied Economics, Major Professor: Michael Carter. Graduated summer 2009.
5. Heidi Kraiss-Johnson, Department of Horticulture, Major Professor: Jed Colquhoun. Graduated summer 2009.
6. Andrea Bentacor, Agricultural and Applied Economics, Major Professor: Kim Zeuli. Graduated summer 2007.

Supervising Research Assistantship

1. Ashleigh Arledge Keene, M.S. Student funded Fall 2009-present
2. Dana Butler, M.S. Student funded Fall 2008-Spring 2010
3. Zhe Dun, Ph.D. Student funded Fall 2007-present
4. Lan Cheng, Ph.D. Student funded Fall 2007-Summer 2009
5. Carsten Croff, M.S. Student funded Fall 2005-Summer 2007
6. Ming-Feng Hsieh, Ph.D. Student funded Fall 2005-Fall 2006

E. Courses Taught at Texas A&M University**AGEC 317: Quantitative Analysis in Agricultural Economics (3 hours)**

Undergraduate course covering fundamental quantitative techniques, including calculus of optimization, statistics, and regression, and their integration with economic theory.

AGEC 611: Production Economics I (3 hours)

Master's course covering the theory of production economics and empirical methods.

AGEC 637: Economics of Production and Dynamic Optimization (3 hours)

PhD core course composed of two equal parts. Economics of Production covered the economic theory of production and decision making under uncertainty with emphasis on farm and agribusiness firm behavior. Dynamic optimization taught by another professor.

AGEC 672: Agricultural Markets and Information Economics (3 hours)

PhD core course composed of two equal parts. Covered adverse selection and moral hazard models to understand economic relationships including contracts. Applications to agricultural markets taught by another professor.

F. Summary of Student Teaching Evaluations at Texas A&M University

Undergraduate Teaching

AGEC 317: Quantitative Analysis in Agricultural Economics

As a required course with a strong quantitative focus, AGEC 317 has a reputation as a hard course. Average scores for the five other AGEC 317 instructors from 1999 to 2003 was 3.12, compared to Mitchell's average of 4.23.

Mean Student Responses to Mitchell's teaching of AGEC 317

	Spr 2000	Spr 2001	Spr 2002	Fall 2003
Overall Mean	4.24	4.32	4.12	4.56
Department Mean (undergraduate)	4.26	4.34	4.27	4.27
Rank in Department (undergraduate)*	17/23	18/25	15/23	7&12/37

*Rank for each section in 2003.

Graduate Teaching

AGEC 611: Production Economics I

AGEC 637: Economics of Production and Dynamic Optimization

AGEC 672: Agricultural Markets and Information Economics

Mean Student Responses to Mitchell's graduate teaching at Texas A&M University

	AGEC 611 Sum 2000	AGEC 672 Fall 2002	AGEC 672 Fall 2003	AGEC 637 Sum 2003
Overall Mean	4.70	4.90	4.86	4.41
Department Mean	4.69	4.28	4.53	4.34
Rank in Department	1/2	2/15	4/15	2/6

G. Direction of Graduate Students at Texas A&M University

Major Professor: Masters Level

1. Pilja Park, Agricultural Economics, Graduated Fall 2002. Thesis: "Estimating Production Functions and Risk Preferences with Damage Control Inputs."
2. Jose Manzenarez, Agricultural Economics, Graduated Spring 2003. Non-thesis Paper: "Impact of U.S. Target Prices for Corn on Producers' Surplus for Mexican Corn Producers."

Member of Ph.D. Committees in Agricultural Economics

1. Uwe Schneider (chair Dr. Bruce McCarl), graduated 2000
2. Gokhan Ozertan (chair Dr. H. Alan Love), graduated 2001
3. Mankeun Kim (chair Dr. Bruce McCarl), graduated 2004
4. Sangtaek Seo, (chair Dr. David Leatham), graduated 2004
5. Gabriel Casillas (chair Dr. David Bessler), graduated 2004
6. Wen You (co-chairs Dr. George Davis and Dr. Rudy Nayga), graduated 2005
Dissertation won the 2006 Outstanding Dissertation Award from the American Agricultural Economics Association
7. Juan Yang, (chair Dr. David Leatham), graduated 2006

8. SERVICE

A. Service to Profession

1. Academic Journals and Publishers

Journal Editorial Boards

Crop Protection, 2010-2013, in the area of economics

Ad hoc Manuscript Reviewer:

2010 *American Journal of Agricultural Economics*
Agricultural Economics Policy and Perspectives
Agribusiness: An International Journal
Crop Protection
Ecological Economics
Journal of Agricultural Science and Technology

2009 *American Journal of Agricultural Economics* (twice)
Agricultural Economics
Land Economics (twice)
Agricultural and Resource Economics Review
Ecological Economics
Journal of Economic Entomology
Crop Protection (twice)
Ecological Applications

2008 *American Journal of Agricultural Economics*
Agricultural Economics
Environmental Management
Crop Science
Crop Protection
Journal of Agricultural Science and Technology

2007 *American Journal of Agricultural Economics* (twice)
Environmental and Resource Economics
Australian Journal of Agricultural and Resource Economics
Agricultural and Resource Economics Review
Environmental Science and Policy
Ecological Economics (twice)
Journal of Environmental Management
Journal of Agricultural Science and Technology
Agricultural and Forest Meteorology
Crop Protection

2006 *American Journal of Agricultural Economics*
Journal of Agricultural and Resource Economics
Ecological Economics
Agriculture, Ecosystems, and the Environment
Agronomy Journal
AgBioForum
Crop Management
Journal of Soil Water Conservation

- 2005 *Australian Journal of Agricultural and Resource Economics*
Journal of Agricultural and Resource Economics
Land Economics
Climatic Change
Review of Agricultural Economics
- 2004 *Journal of Environmental Economics and Management*
American Journal of Agricultural Economics
Journal of Agribusiness
Mathematical Biosciences
Crop Protection
Journal of Environmental Management (twice)
- 2003 *Journal of Agricultural and Resource Economics* (twice)
Review of Agricultural Economics
Journal of Cotton Science
Environmental Management
- 2001 *Journal of Agricultural and Applied Economics*
- 2000 Imperial College Press, London, England
- 1999 *Journal of Agricultural and Resource Economics*
Water Resources Research
- 1996 *Advances in Soil Science—Management of Carbon Sequestration in Soil*

2. Federal and State Agencies, Universities and Other Organizations

Ad hoc Reviewer:

- 2009 National Research Council of the National Academy of Sciences
 “The Impact of Biotechnology on Farm Sustainability,” a 331 page report

Panelist:

- 2007 Joint Fire Sciences Program, December, 4-5, 2007, Washington, DC.
 Assessing and Communicating Wildfire Risks across Values of Interest: Creating a Problem Analysis to Inform Research

Ad hoc Grant Reviewer:

- 2010 Natural Sciences and Engineering Research Council of Canada, Discovery Grant
- 2009 Wisconsin Agricultural Experiment Station, Hatch Grant
- 2008 Minnesota Agricultural Experiment Station, Hatch Grant
- 2005 The Ohio Agricultural Research and Development Center’s SEEDS: Research Competitive Grants Program
- 2004 U.S. Department of Agriculture-Cooperative State Research, Education, and Extension Service, Small Business Innovation Research Grants
 Wisconsin Agricultural Experiment Station, Hatch Grant
 Texas Agricultural Experiment Station, Hatch Grant
- 2003 U.S. Civilian Research and Development Foundation for the Independent States of the Former Soviet Union, Science Centers Program

3. Professional Associations

a) American Agricultural Economics Association

- 2010 Topic Leader: Productivity Analysis and Emerging Technologies
Assembled reviewers, organized paper sessions with moderators.
- 2009 Chair of Ph. D. Dissertation Awards Committee
Assembled committee of 10 reviewers, managed reviews of 24 dissertations, and led teleconferences to decide on finalists.
- 2008 Topic Leader: Human Capital and Labor/Productivity Analysis
Assembled reviewers, organized paper sessions with moderators.
- 2007 PhD Dissertation Awards Committee Member
Reviewed 10 dissertations and participated in committee teleconferences to decide on finalists.
- Topic Leader: Selected Posters: Production Economics/Human Capital & Labor/Productivity Analysis
Assembled reviewer committee and compiled accepted posters.
- Selected Papers Reviewer: Risk and Uncertainty
- 2006 Topic Leader: Selected Posters: Production Economics/Human Capital & Labor/Productivity Analysis
Assembled reviewer committee and compiled accepted posters.
- Session Moderator
- 2005 Selected Papers Reviewer: Risk and Uncertainty
Selected Poster Reviewer: Emerging Technologies
- 2005 Selected Papers Reviewer: Risk and Uncertainty
Selected Poster Reviewer: Emerging Technologies
- 2004 Selected Papers Reviewer: Risk and Uncertainty
Selected Papers Reviewer: Emerging Technologies
Session Moderator
- 2003 Topic Leader: Selected Papers: Emerging Technologies
Assembled reviewers, organized papers sessions with moderators.
- Session Moderator
- 2002 Selected Papers Reviewer: Production Economics
Session Moderator
Poster Reviewer
- 2001 Selected Papers Reviewer: Environmental and Resources
Session Moderator
- 2000 Selected Papers Reviewer: Environmental and Resources
Session Moderator
- 1997 Selected Papers Reviewer: Environmental and Resources

b) Southern Agricultural Economics Association

- 2004 SAEA Research Membership Task Force: brainstormed for way to increase membership by those with research appointments.
- 2003 Topic Leader: Production Economics and Farm Management
Assembled reviewers, organized paper sessions with moderators.
- Selected Papers Reviewer
- 2001 Selected Papers Reviewer

c) **Western Agricultural Economics Association**

2004 Selected Papers Reviewer

2002 Master's Thesis Awards Committee

4. Other Universities

Department of Agricultural and Resource Economics, University of Queensland, Brisbane, Australia. External Committee Member for Ph.D. Student R. A. Lawes, Major Professor: Malcolm Wegener. Dissertation Title: "Analyzing Australian Sugarcane Block Productivity Data." (2002).

B. Service to Department of Agricultural and Applied Economics

2009 Graduate Committee

Undergraduate Ag Business and Economics Club Faculty Advisor

Undergraduate Advising: 7 students

2008 Personnel Committee

Undergraduate Ag Business and Economics Club Faculty Advisor

Undergraduate Advising: 3 students

2007 Undergraduate Committee

Undergraduate Ag Business and Economics Club Faculty Advisor

Undergraduate Advising: 1 student

2006 Graduate Committee

Undergraduate Ag Business and Economics Club Faculty Advisor

Undergraduate Advising: 2 students

2005 Extension Committee

Undergraduate Advising: 2 students

2004 Personnel Committee

Entrepreneurship and Technology Search and Screen Committee

C. Service to the University of Wisconsin

2008 UW Faculty Senate, Departmental Representative

2007 UW Faculty Senate, Departmental Representative

2006 UW Faculty Senate, Departmental Representative