

CURRICULUM VITAE

OCTOBER 22, 2014

PAUL DAVID MITCHELL

Associate Professor, Department of Agricultural and Applied Economics
Extension State Specialist, Cropping Systems and Environmental Management
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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

POSITIONS HELD

- 6/2010 – present **Associate Professor**, Department of Agricultural and Applied Economics, University of Wisconsin-Madison
Appointment: 75% Extension, 25% Research, 9-months
- 1/2012-present **Co-Director**, Nutrient and Pest Management Program, University of Wisconsin Extension
- 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
- 6/1994 – 8/1999 **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

1. PROFESSIONAL HONORS AND AWARDS

International Science and Technology Practice and Policy (InSTePP) Fellow, 2013.

Fellow at the University of Minnesota's InSTePP Center engaged in economic research on science and technology practice and policy, emphasizing international implications.

Extension Excellence in Audio Visual Award, American Society of Agronomy, August 2013

Awarded to the National Sustainable Soybean Initiative (NSSI) Team, a multidisciplinary collaboration of faculty and staff at the University of Wisconsin.

Integrated Pest Management Team Award, Entomology Society of America, November, 2011

Awarded to the European Corn Borer IPM Team, a multi-state collaboration among land grant, state, and industry researchers and extension specialists.

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 AGEC 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.

2. RESEARCH

A. Refereed Journal Articles

1. Gaspar, A.P., S.P. Conley, and P.D. Mitchell. 2014. Economic Risk and Profitability of Soybean Seed Treatments at Reduced Seeding Rates. *Crop Science* forthcoming.
2. Dong, F., P.D. Mitchell, and J. Colquhoun. 2014. Measuring Farm Sustainability Using Data Envelope Analysis with Principal Components: The Case of Wisconsin Cranberry. *Journal of Environmental Management* forthcoming.
3. Silva, E., F. Dong, P.D. Mitchell, and R. Claypool. Impact of marketing channels on perceptions of quality of life and profitability for Wisconsin's organic vegetable farmers. *Renewable Agriculture and Food Systems* forthcoming. doi:10.1017/S1742170514000155

4. Mitchell, P.D. 2014. Market-level assessment of the economic benefits of atrazine in the United States. *Pest Management Science* forthcoming.
5. Silva, E.M., R. Claypool, J. Munsch, J. Hendrickson, P.D. Mitchell, and J. Mills. 2013. Veggie Compass: A Spreadsheet-Based Tool to Calculate Cost-of-Production for Diversified Organic Vegetable Farmers. *Hort Technology* forthcoming.
6. Rejesus, R.M., M. Mutuc-Hensley, P.D. Mitchell, K.H. Coble, and T.O. Knight. 2013. U.S. Agricultural Producer Perceptions of Climate Change. *Journal of Agricultural and Applied Economics* 45:701-718.
7. Mitchell, P.D., R. Rejesus, K.H. Coble, T.O. Knight. 2012. Analyzing Farmer Participation Intentions and Enrollment Rates for the Average Crop Revenue Election (ACRE) Program. *Applied Economics Perspectives and Policy* 34:615-636. doi:10.1093/aep/pps038.
8. Goesser, N, P.D. Mitchell, P. Esker, D. Curwen, G. Weis, and A.J. Bussan. 2012. Modeling Long-term Trends in Potato Growth and Development in Wisconsin. *Agronomy* 2:14-27. doi:10.3390/agronomy2010014.
9. You, W., P.D. Mitchell, and R. Nayga. 2012. Improving Food Choices among Supplemental Nutrition Assistance Program Recipients. *Health Economics* 21:852-864. doi:10.1002/hec.1758.
10. Onstad, D.W., P.D. Mitchell, T.M. Hurley, J.G. Lundgren, R.P. Porter, C.H. Krupke, J.L. Spencer, C.D. DiFonzo, T.S. Baute, R.L. Hellmich, L. Buschman, W.D. Hutchison, and J.F. Tooker. 2011. Seeds of Change: Corn Seed Mixtures for Resistance Management and IPM. *Journal of Economic Entomology* 104:343-352.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. Hurley, T. M., P. D. Mitchell, and G. Frisvold. 2009. Weed Management Costs, Weed Best Management Practices, and The Roundup Ready® Weed Management Program. *AgBioForum* 12:281-290.

18. 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.
19. 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.
20. Hsieh, M.-F., P. D. Mitchell, K. W. Stiegert. 2009. Potato Demand in an Increasingly Organic Marketplace. *Agribusiness: An International Journal* 25:369-394.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. Mitchell, P. D. 2004. Nutrient Best Management Practice Insurance and Farmer Perceptions of Adoption Risk. *Journal of Agricultural and Applied Economics* 36:657-673.
29. 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.
30. 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.
31. 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.
32. Mitchell, P. D. 2003. Value of Imperfect Input Information in Agricultural Production. *Agricultural Systems* 75:277-294.

33. 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.
34. 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.
35. 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.
36. 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 D. W. Onstad. 2013. Valuing Insect Resistance in an Uncertain Future. D. W. Onstad, ed. *Insect Resistance Management: Biology, Economics, and Prediction*, 2nd ed. San Diego, CA: Academic Press, pp. 17-38.
2. Hurley, T. M., and P. D. Mitchell. 2013. Insect Resistance Management: Adoption and Compliance. D. W. Onstad, ed. *Insect Resistance Management: Biology, Economics, and Prediction*, 2nd ed. San Diego, CA: Academic Press, pp. 227-253.
3. Bussan, A. J., D. Sexson-Knuteson, J. Colquhoun, L. Binning, S. Jansky, J. Jiang, P. D. Mitchell, W. R. Stevenson, R. Groves, J. Wymann, M. Ruark, and J. K. Kelling. 2012. Case Study: Healthy Grown Potatoes and Sustainability of Wisconsin Potato Production. J.S. Popp, M.M. Jahn, M.D. Matlock, and N.P. Kemper, eds. *The Role of Biotechnology in a Sustainable Food Supply*. Cambridge: Cambridge University Press, pp. 192-211.
4. 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: Cambridge University Press, pp. 33-50. (Peer Reviewed)
5. 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.
6. 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.
7. 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.
8. 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.
9. 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. Funded Research Projects

1. Increasing the Economic Value of Sustainability in Wisconsin Potato Production Using a Multi-tiered Approach to Assessment. Project Director. One-Year (2014-2015) Wisconsin Potato and Vegetable Growers Association competitive grant for \$12,000.
2. Profitability of Alternative Management Strategies for Western Corn Rootworm. Project Director. Three-Year (2014-2017) Monsanto Corn Rootworm Knowledge Research Program competitive grant for \$350,000.
3. Understanding How Market Structure Affects Pest Resistance to Enhance Sustainable Corn And Soybean Production. Co-Principal Investigator. Three-Year (2014-2017) USDA AFRI Foundation competitive grant for \$478,000.
4. The ABCs of Farmer Best Management Practice Adoption: Assessing the Role of Attitudes, Beliefs and Characteristics. Principal Investigator. Two-Year (2013-2015) University of Wisconsin College of Agriculture and Life Science Hatch Grant for \$86,000.
5. Development of an Innovative and Experiential Food Sustainability Assessment Educational Program. Co-Principal Investigator under J. Colquhoun (Horticulture). One Year (2012-2013) University of Wisconsin Sustainability Innovation in Research and Education Grant for \$39,000.
6. Building Market Foundations for Sustainable Vegetable Production and Processing: A Consumer and Metrics-Based Approach. Project Director with six Co-PDs and thirteen Collaborators in six states. Four Year (2012-2016) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, Specialty Crop Research Initiative Competitive Grant for \$2,145,000.
7. Rear and Release Psyllids as Biological Control Agents - An Economical and Feasible Mid-Term Solution for Huanglongbing (HLB) Disease of Citrus. One of 40 Investigators under Project Director T. Turpen (Citrus Research and Development Foundation). Five Year (2012-2017) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, Specialty Crop Research Initiative Competitive Grant for \$9,000,000.
8. Soybean Aphid Management, Resistance, and Outreach in the North Central Region. Cooperator under Project Director K. Tilmon et al. Three Year (2012-2015) Competitive Grant from the North Central Soybean Research Program for \$2,127,000.
9. Impact of Atrazine on the Sustainability of Weed Management in Wisconsin Corn Production. Co-Project Director with V. Davis. Two Year (2012-2014) Competitive Grant from the Wisconsin Corn Promotion Board for \$125,000.
10. National Sustainable Soybean Initiative: A Grower Led Program to Meet Market Demands. Cooperator under Co-Project Directors S. Conley and A.J. Bussan. Five Year (2011-2015) Competitive Grant from the United Soybean Board for \$887,500.
11. Improved Breeding and Variety Evaluation Methods to Reduce Acrylamide Content and Increase Quality in Processed Potato Products. Co-Project Director under P. Bethke (UW Soil Science) with twenty others. Five Year (2011-2015) U.S. Department of Agriculture, Cooperative State, Research, Education and Extension Service, Specialty Crop Research Initiative Competitive Grant for \$3,773,000.
12. 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.
13. 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.
 14. 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.
 15. 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.
 16. 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.
 17. 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.
 18. 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.
 19. 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.
 20. 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.
 21. Developing AGR-Lite for Wisconsin. Principal Investigator. 1 year (2006) U.S. Department of Agriculture, Risk Management Agency, Non-Competitive Contract for \$12,000.
 22. 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.
 23. Marketing Practices of Wisconsin Potato Growers. Co-Principal Investigator with Kyle Steigert. One-Year (2006) University of Wisconsin Food Systems Research Group Grant for \$39,000.

24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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.
30. Economic Benefit to Growers of MON863 Corn Rootworm Transgenic Corn. Principal Investigator. One year (2002) Monsanto non-competitive unrestricted gift, \$8,000.
31. 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.
32. Economics of Resistance Management for Transgenic Crops, Principal Investigator. One year (2000) Aventis Crop Science non-competitive unrestricted gift, \$10,000.
33. 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.
34. 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.
35. 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.

D. 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.

E. Book Reviews

1. *Creating Abundance: Biological Innovation and American Agricultural Development*. 2010. By Alan L. Olmstead and Paul W. Rhode. Cambridge: Cambridge University Press, 2008. Review by P. D. Mitchell, *Agricultural History* 84:271-272.
2. *The Nature of the Farm: Contracts, Risk, and Organization in Agriculture*. 2004. By Douglas W. Allen and Dean Lueck, Cambridge: MIT Press, 2002. Review by P. D. Mitchell, *Agricultural History* 78:373-374.

F. Departmental Publications, Reports and Discussion Papers

1. Dong, F., P.D. Mitchell, J. Colquhoun. Measuring Farm Sustainability Using Data Envelope Analysis with Principal Components: The Case of the Wisconsin Cranberry. University of Wisconsin Agricultural and Applied Economics Staff Paper No. 568, January 2013.
2. Mitchell, P.D., A. Duff, and D. Moll. Farm Bill Update: Commodity Programs (Mitchell and Moll), Specialty Crops and Organic Agricultural (Mitchell), and Conservation Programs (Duff and Mitchell). In *Status of Wisconsin Agriculture*, University of Wisconsin-Madison Agricultural and Applied Economics, January 2012.
3. Mitchell, P. D. 2011. Economic Assessment of the Benefits of Chloro-s-triazine Herbicides to U.S. Corn, Sorghum, and Sugarcane Producers. University of Wisconsin Agricultural and Applied Economics Staff Paper No. 564, November 2011, 51 p.
4. Mitchell, P. D. 2011. Estimating Soil Erosion and Fuel Use Changes and Their Monetary Values with AGSIM: A Case Study for Triazine Herbicides. University of Wisconsin Agricultural and Applied Economics Staff Paper No. 563, November 2011, 97 p.

5. Mitchell, P. D., R. Rejesus, K.H. Coble, T. O. Knight. 2011. Analyzing Farmer Participation Intentions and Enrollment Rates for the Average Crop Revenue Election (ACRE) Program. University of Wisconsin Agricultural and Applied Economics Staff Paper No. 560, August 2011, 38 p.
6. Arledge-Keene, A., and P. D. Mitchell. Economic Impact of Specialty Crop Production in Wisconsin. Agricultural and Applied Economics, University of Wisconsin-Madison, Oct. 2010, 11p.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
 19. 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.
 20. 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.
 21. 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.
 22. 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.
 23. 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.
 24. 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.
 25. 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.
 26. 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.
 27. Mitchell, P. D. 1997. Cost of Production Budgets. Technical Report TR-37. Center for Agricultural and Rural Development, Iowa State University, June 1997.
 28. 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.
 29. 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.
 30. 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. Invited Research Presentations

1. Biotechnology, Neonicotinoids and Organic Agriculture: An Economist's Perspective on Current Debates, UW Plant Sciences Symposium, Madison, WI, Oct 3, 2014.
2. Economic Benefits of the Neonicotinoid Insecticides Clothianidin, Imidacloprid and Thiamethoxam in North American Agriculture: A Multi-Method Analysis (with P. Nowak and T.M. Hurley). U.S. Environmental Protection Agency: Biological and Economic Analysis Division, Washington, DC, March 8, 2012.
3. What Farmers Think about Climate Change, Wisconsin Sustainability Forum 2014: Climate Change in Wisconsin: Where Do We Go from Here? University of Wisconsin, Madison, WI, February 27, 2014.
4. Measuring Adoption Intensity of Weed Resistance Management Practices using Data Envelopment Analysis with Principal Components (with F. Dong, T. Hurley, and G. Frisvold). Public and Private Sector Policy Implications of Research on the Economics of Herbicide Resistance Management. Workshop Sponsored by the USDA-Economic Research Service, Washington, DC, November 8, 2013.
5. It's in the Can: What Wisconsin Grows and Processes. University of Wisconsin Food Science Departmental Seminar. Madison, WI, October 29, 2012.
6. The Freakonomics of Plant Protection. 2012 University of California-Davis, Department of Plant Pathology, Davis, CA, May 7, 2012. Video Online: <http://uc-d.adobeconnect.com/plp290-050712/>.
7. Measuring Sustainability: A Practice-Based Approach Using DEAPC (with F. Dong). Taking the National Initiative for Sustainable Agriculture to the Next Level. March 15-16, 2012, Denver, CO.
8. Estimating the Economic Benefits of Atrazine: An Overview of Our Methods. U.S. Environmental Protection Agency: Biological and Economic Analysis Division, Washington, DC, March 8, 2012.
9. The Freakonomics of Plant Protection: The Extended Version. 2011 University of Wisconsin, Department of Plant Pathology Seminar, Madison, WI, September 20, 2011.
10. The Freakonomics of Plant Protection. 2011 American Phytopathological Society and International Plant Protection Congress Joint Meeting, Honolulu, HI, August 7-9, 2011.
11. Information and the Use of New Technology: Evidence from Seeding Density Decisions of U.S. Corn Farmers (with G. Shi and J. Lauer). University of Illinois, Dept. of Agricultural and Consumer Economics, Urbana/Champaign, IL, April 30, 2010.
12. Hierarchical Modeling and the Economics of Risk in IPM. University of Wisconsin Department of Entomology Colloquium. Madison, WI, Mar. 28, 2008.
13. Costs and Benefits of Controlling *Diabrotica*: The USA Experience. Economics of *Diabrotica* Control: EU Project DIABR-ACT. Wageningen University, Wageningen, Netherlands. April 3, 2007.
14. Adverse Selection, Moral Hazard, and Grower Compliance with Bt Corn Refuge (with T.M. Hurley). Environmental Economics and Natural Resources Group, Wageningen University, Wageningen, Netherlands. November 16, 2006.

15. 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.
16. Economics and Risk of Sweet Corn IPM. University of Minnesota Department of Entomology Seminar, St. Paul, MN, April 11, 2006.
17. Effect of Northern Corn Rootworm Extended Diapause on Insect Resistance Management (with D.W. Onstad). Monsanto Rootworm Bt Corn Insect Resistance Management Workshop, St. Louis, MO, October 26-27, 2005.
18. Effect of Northern Corn Rootworm Extended Diapause on Insect Resistance Management (with D.W. Onstad). Monsanto Corn Rootworm Insect Resistance Management Workshop, Chicago, IL, April 11, 2005.
19. A Composed Error Model for Estimating Pest-Damage Functions and the Impact of the Western Corn Rootworm Soybean Variant in Illinois (with M.E. Gray, and K.L. Steffey). Department of Agricultural and Applied Economics, University of Wisconsin-Madison, April 6, 2004.
20. Effect of Northern Corn Rootworm Extended Diapause on Insect Resistance Management for Corn Event MON 863 (with E. Zu). Monsanto Corn Rootworm Insect Resistance Management Workshop, St. Louis, MO, December 15-16, 2003.
21. 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.
22. Decomposed Error Model for Insect Damage Functions. Monsanto Academic Corn Rootworm Insect Resistance Management Research Workshop, St. Louis, MO, November 5, 2001.
23. Northern Corn Rootworm Modeling. USDA-ARS Corn Rootworm Areawide Management Annual Meeting, San Antonio, TX, October 24-26, 2000.
24. 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.
25. 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.
26. 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.

H. Research Presentations

1. Non-Neonicotinoid Counter-Factual: What would Crop Management Look Like without Neonicotinoids? Joint Session of the 25th International Working Group on Ostrinia and Other Maize Pests and NC205/NCCC46, Chicago, IL, April 13-17, 2014.
2. Measuring Agricultural Sustainability. NC-205/NCC46 Joint Meetings, Atlanta, GA January 28, 2014.
3. National Assessment of the Economic Benefits of Triazine Herbicides to U.S. Crop Producers. Weed Science Society of America National meetings, Waikoloa, HI, February 8, 2012.

4. A National Assessment of the Economic Benefits of Triazine Herbicides to U.S. Crop Producers, North Central Weed Science Society, Milwaukee, WI, December 14, 2011.
5. Costs and Benefits of Controlling Pest *Diabrotica* in Maize in the United States. 24th International Working Group on *Ostrinia* and Other Maize Pests Conference, Freiburg im Breisgau, Germany, October 24-26, 2011.
6. Solving the RIDL of Sustainable Use of Bt Crops: Stepping Off the Biotechnology Treadmill (with Z. Dun). North Central Branch of the Entomology Society of America Annual Meeting, Minneapolis, MN, March 14, 2011.
7. Trends in farmer corn seeding densities and the effect of transgenic traits: implications for IRM (with G. Shi and J. Lauer). 2009 Entomological Society of America Annual Meetings, Indianapolis, IN, December 13-16, 2009.
8. Estimating *Diabrotica virgifera virgifera* Damage Functions with Field Trial Data (with Z. Dun). 23rd International Working Group on *Ostrinia* and Other Maize Pests, Munich, Germany, April 5-8, 2009.
9. Effect of Prices, Traits and Market Structure on Corn Seeding Density (with G. Shi and X. Ma). NC-205/NCC46 Joint Meetings, St. Paul, Minnesota, January 26-29, 2009.
10. Economic Analysis of Supplemental Deductible Coverage as Recommended in the USDA's 2007 Farm Bill (with T. Knight). Northeastern Agricultural & Resource Economics Assoc., Crop Insurance Workshop, Rehoboth Beach, DE, June 12, 2007.
11. Sample Size Correction of Count Data Models: Prescribed Fire Escapes (with T. Buman and S. Buman). American Agricultural Economics Association Annual Meeting, Long Beach, CA. July 23-26, 2006.
12. Irrigation Technology Adoption in the Texas High Plains: A Real Options Approach (with S. Seo, E. Segarra, and D. Leatham). American Agricultural Economics Association Annual Meeting, Long Beach, CA. July 23-26, 2006.
13. Risk and the Value of Additional Insecticide Applications for European Corn Borer Control in Processing Sweet Corn (with W. D. Hutchison). Midwest Food Processors Association Annual Meeting, St. Paul, MN December 6-7, 2005.
14. Adverse Selection, Moral Hazard, and Grower Compliance with Bt Corn Refuge (with T.M. Hurley). USDA-CSREES Regional Committee NC1003 Meetings in Washington, DC, March 10-12, 2005.
15. Economic Impact of CRW. USDA-CSREES Regional Committee NCR46 Meetings in Washington, DC, January 23-26, 2005.
16. Is Bt Corn Really a Drag? Bt Corn Yield Drag and Yield Variance (with T.M. Hurley and M.E. Rice). USDA-CSREES Regional Committee NC205 Meetings in Columbus, OH, January 26-28, 2004.
17. 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.
18. Nutrient Management Best Management Practice Insurance. Heartland Environmental and Resource Economics Workshop, Ames, IA, September 22-23, 2002.

19. Insuring the Stewardship of Bt Corn: A Carrot versus A Stick (with T.M. Hurley, B.A. Babcock and R.L. Hellmich). International Consortium in Agricultural Biotechnology Research, 6th International Conference, Ravello, Italy, July 11-14, 2002.
20. Risk and the Value of Bt Corn (with T.M. Hurley and M.E. Rice). SERA-IEG-31 Annual Meeting, Gulf Shores, AL, March 21-22, 2002.
21. Composed Error Model for Insect Damage Functions (with M.E. Gray and K.L. Steffey). USDA-CSREES Regional Committee NCR46 Meetings in Indianapolis, IN, January 29-31, 2002.
22. Developing Risk Adjustment Factors for WeedSOFT. WeedSOFT Regional Development Workshop, Lincoln, NE, September 25, 2001.
23. Additive versus Proportional Pest Damage Functions: Why Ecology Matters. Heartland Environmental and Resource Economics Workshop, Ames, IA, September 23-24, 2001.
24. What is the Value of Bt Corn? (with T.M. Hurley and M.E. Rice). Selected Paper: American Agricultural Economics Association Annual Meeting, Chicago, IL, August 5-8, 2001.
25. Additive versus Proportional Pest Damage Functions: Why Ecology Matters. Selected Paper: American Agricultural Economics Association Annual Meeting, Chicago, IL, August 5-8, 2001.
26. Discussion of Papers Concerning Technology Adoption. SERA-IEG-31 Annual Meeting, Gulf Shores, AL, March 22-24, 2001.
27. Green Insurance for Provision of Best Management Adoption Incentives (with B.A. Babcock and D.A. Hennessy). Heartland Environmental and Resource Economics Workshop, Ames, IA, September 17-28, 2000.
28. Economic Evaluation of Bt Corn Refuge Insurance (with T.M. Hurley, and R.L. Hellmich). Selected Paper: American Agricultural Economics Association Annual Meeting, Tampa, FL, July 30-August 2, 2000.
29. Impact of Imperfect Information and Green Insurance on Best Management Practice Adoption Incentives (with B.A. Babcock and D.A. Hennessy). SERA-IEG-31 Economics and Management of Risk in Agriculture and Natural Resources. Gulf Shores, AL, March 23-25, 2000.
30. Stochastic Dynamic Northern Corn Rootworm Population Model. USDA-CSREES Regional Committee NCR-46 Corn Rootworm Meeting, Madison, WI, January 26-28, 2000.
31. Environmental Tradeoffs and the Industrialization of U.S. Livestock Production (with B.A. Babcock). Organized Symposium: American Agricultural Economics Association Annual Meeting, Salt Lake City, August 2-5, 1998.
32. 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.
33. The Environmental Effects of Freedom to Farm (B.A. Babcock, T.M. Hurley and J. Wu). Selected Paper: American Agricultural Economics Association Annual Meeting, Salt Lake City, August 2-5, 1998.

34. Tradeoff between Producer Profit and Agricultural CO₂ Emissions (with B.A. Babcock and P.G. Lakshminarayan). Selected Paper: American Agricultural Economics Association Annual Meeting, Toronto, July 27-30, 1997.
35. The Impacts of Soil Conservation Policies on Carbon Sequestration in Agricultural Soils of the Central United States (with P.G. Lakshminarayan, B.A. Babcock, and T. Otake). Carbon Sequestration in Soil Symposium, Columbus, OH, July 1996.
36. The Impact of Comedy on Thucydides. Classical Association of the Middle West and South Annual Meeting, Iowa City, IA, April 15-17, 1993.

I. 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.

J. Research Presentations by Other Co-Authors

1. Hurley, T.M., and P.D. Mitchell. Value of Neonicotinoid Seed Treatments to U.S. Corn and Soybean Farmers. Joint Session of the 25th International Working Group on Ostrinia and Other Maize Pests and NC205/NCCC46, Chicago, IL, April 13-17, 2014.
2. Frost, K., P.D. Mitchell, and R. Groves. A Meta-analysis Approach to Estimating the Yield Effects of Neonicotinoid Insecticides. Joint Session of the 25th International Working Group on Ostrinia and Other Maize Pests and NC205/NCCC46, Chicago, IL, April 13-17, 2014.
3. Hurley, T.M., P.D. Mitchell, G. Frisvold, and S. Aultman. Valuation of Herbicide-Resistant Soybeans and Evaluation of Incentives for Weed-Resistance Management. Public and Private Sector Policy Implications of Research on the Economics of Herbicide Resistance Management. Workshop Sponsored by the USDA-Economic Research Service, Washington, DC, November 8, 2013.
4. McRoberts, N., and P.D. Mitchell. Industry Commitments to Deploy nu-Psyllid and GM Approaches. USDA-SCRI Citrus Project Meeting, Denver CO, October 15, 2013.
5. Dong, F., P.D. Mitchell, V. Davis, and R. Recker. Impact of Atrazine on the Sustainability of Weed Management in Wisconsin Corn Production. Agricultural and Applied Economics Association Annual Meeting, Washington, DC, August 4-6, 2013.

6. Ruark, M.D., K. Schroeder, D. Genrich, A.J. Bussan, P. D. Mitchell. Building a Nitrogen Recommendation for Irrigated Sweet Corn. ASA, CSSA, and SSA International Annual Meetings, Cincinnati, OH, October 21-25, 2012.
7. Dong, F., P.D. Mitchell, T. Hurley, G. Frisvold. Quantifying Farmer Adoption Intensity for Weed Resistance Management Practices and Its Determinants. Agricultural and Applied Economics Association Annual Meeting, Seattle, WA, August 13-15, 2012.
8. Dillen, K., P.D. Mitchell, and E. Tollens. Western corn rootworm in Europe: Where uncertainty meets heterogeneity. International Workshop on Socio-economic Impacts of GMO Crops. Co-organized by Joint Research Centre Institute for Prospective Technological Studies and United Nations Food and Agriculture Organization, Seville, Spain, November 23-24, 2011.
9. Hurley, T. M., 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. Buman, T., and P. D. Mitchell. Prescribe Fire Liability Insurance. Third International Fire Ecology and Management Congress, San Diego, CA, November 13-17, 2006.
16. 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.
17. 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.
18. 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.

19. 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.
20. 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.
21. 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.
22. 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.

K. Organized Symposiums

1. Research Updates on Neonicotinoid Insecticides, Organized by P.D. Mitchell and T.M. Hurley, Joint Session of the 25th International Working Group on Ostrinia and Other Maize Pests and NC205/NCCC46, Chicago, IL, April 13-17, 2014.
2. Herbicide Resistance Weeds and the Sustainability of Herbicide Tolerant Crops, Organized by T. Hurley, P.D. Mitchell, and G. Frisvold. Agricultural and Applied Economics Association Annual Meeting, Seattle, WA, August 13-15, 2012.

L. Poster Presentations by Other Co-Authors

1. Wille, N., P.D. Mitchell, F. Dong, V.M. Moore, D. Knuteson and J. Wyman. A DEA-PCA Sustainability Metric for Processing Vegetable Crops. American Agricultural Economics Association Annual Meeting, Minneapolis, MN, July 27-29, 2014.
2. Gaspar, A., S. Conley, and P.D. Mitchell. Economic Risk & Profitability of Soybean Seed Treatments at Reduced Seeding Rates. American Seed Trade Association, Chicago, IL, Dec 10-13, 2013.
3. Gaspar, A., S. Conley, and P.D. Mitchell. Economic Risk & Profitability of Soybean Seed Treatments at Reduced Seeding Rates. Tri-society Meetings (American Society of Agronomy, Crop Science Society of America, Soil Science Society of America), Tampa, FL, Nov 3-6, 2013. [*Won 1st Place in Graduate Student Poster Competition*].
4. Silva, E., F. Dong, P.D. Mitchell, and J. Hendrickson. Impact of Marketing Channels on Perceptions of Quality of Life and Profitability for Wisconsin's Organic Vegetable Farmers. American Agricultural Economics Association Annual Meeting, Washington, DC August 4-6, 2013.
5. Dun, Z., and P.D. Mitchell. Dynamically Optimal Strategies for Managing Pest Resistance to Bt Crops by Mass Release of Susceptible Pests. American Agricultural Economics Association Annual Meeting, Washington, DC August 4-6, 2013.
6. Goeser, N., P. D. Mitchell, A. Gevens, D. Rouse, and A. MacGuidwin. Commercial scale soil test *Verticillium dahlia* and *Pratylenchus penetrans* counts as influenced by long-term crop rotation and fumigation history. American Phytopathological Association annual meetings, Providence, RI, August 4-8, 2012.

7. Dun, Z., and P. D. Mitchell. Can Conventional Crop Producers Also Benefit from Bt Technology? American Agricultural Economics Association Annual Meeting, Pittsburgh, PA July 24-26, 2011.
8. Dun, Z., and P. D. Mitchell. Solving the Problem of Sustainable Use of Bt Crops. American Agricultural Economics Association Annual Meeting, Pittsburgh, PA July 24-26, 2011.
9. Dun, Z., and P. D. Mitchell. Dynamic Management of Pest Resistance to Bt Crops. Heartland Environmental and Resource Economics Workshop, Urbana-Champaign, IL, October 17-18, 2010.
10. 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.
11. 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.
12. 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.
13. 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.

3. EXTENSION

Extension web page at <http://www.aae.wisc.edu/mitchell/extension.htm>.

A. Extension Publications

1. A Toolkit for Assessing IPM Outcomes and Impacts. An Online Living Document with Multiple Modules: <http://ucanr.edu/sites/McRoberts/>. Written by the IPM Adoption and Impacts Assessment Workgroup (B. Coli, A. Fournier, P. Goodell, M. Halbleib, J. Haley, K. Hansen, J. Hurley, T. Lybbert, M. Lubbell, N. McRoberts, W. Miller, **P.D. Mitchell**, D. Sande, S. Tungate, D. Young, and C. Thomas) with USDA NIFA funding through the Western IPM Center, Davis, CA, October 2013.

B. Extension Fact Sheets

1. Supplemental Coverage Option (SCO) for Wheat: New Crop Insurance Option from the 2014 Farm Bill. UWEX Information Bulletin (3 p.), August 6, 2014 and *Wisconsin Crop Manager*.
2. Updating Base Acres and Payment Yields: Preparing for PLC and ARC Signup. UWEX Information Bulletin (2 p.), August 5, 2014 and *Wisconsin Crop Manager*.
3. Economic Risk and Profitability of Soybean Seed Treatments at Reduced Seeding Rates (A. Gaspar, S. Conley, and P.D. Mitchell). UWEX Coolbean Information Bulletin (4 p.). http://www.coolbean.info/library/documents/SoybeanTreatmentRisk_2014_FINAL.pdf.
4. Prevented Planting Options for Insured Wisconsin Farmers. UWEX Information Bulletin (1 p.), June 11, 2013 and *Wisconsin Crop Manager* June 13, 2013.
5. Late and Prevented Planting Coverage and Replant Provisions for Wisconsin Farmers. UWEX Information Bulletin (2 p.), May 29, 2013 and *Wisconsin Crop Manager*.

6. Cover Crops for Forage: Crop Insurance Rules Change. UWEX Information Bulletin (1 p.), January 16, 2013 and *Wisconsin Crop Manager* January 16, 2013.
7. Drought 2012: Moldy Corn and Crop Insurance (D. Smith and P.D. Mitchell). UWEX Information Bulletin (2 p.), Sept 23, 2012 and *Wisconsin Crop Manager* Sept 27, 2012.
8. Drought 2012: USDA Changes Crop Insurance Rules for Cover Crop Harvesting in Spring 2013. UWEX Information Bulletin (1 p.), August 30, 2012 and *Wisconsin Crop Manager* August 30, 2012.
9. Drought 2012: Crop Insurance Rules to Consider When Growing Emergency Forage or Cover Crops. UWEX Information Bulletin (1 p.), August 9, 2012 and *Wisconsin Crop Manager* August 16, 2012, with related UWEX Press Release.
10. Drought 2012: Forward Contracts and Crop Insurance (P.D. Mitchell and B. Boetel). UWEX Information Bulletin (2 p.), July 11, 2012.
11. Drought and Crop Insurance: Patience Please! UWEX Information Bulletin (2 p.), July 10, 2012.
12. Crop Insurance Impacts of Planting Crops Early. UWEX Information Bulletin (1 p.), March, 2012 and *Wisconsin Crop Manager* March 21, 2012, with related UWEX Press Release.
13. Insuring Grapes with a NAP Policy in Wisconsin. UWEX Information Bulletin (1 p.), March 20, 2012.
14. Hints for Using Crop Insurance in 2012. UWEX Information Bulletin (2 p.), February, 2012.
15. Pasture, Rangeland and Forage (PRF) Insurance: New in Wisconsin for 2011 (D. Moll and P.D. Mitchell). *Wisconsin Crop Manager* 18(25):99-101 and UWEX Information Bulletin (2 p.), September 2011.
16. Hints for Using Crop Insurance in 2011. *Wisconsin Market Bulletin* 2(2):2-3 and UWEX Information Bulletin (2 p.), February 2011.
17. Cover Crops and Crop Insurance (K.B. Shelley and P.D. Mitchell). UWEX Information Bulletin (2 p.), September, 2010.
18. Insuring Forage for SURE. UWEX Information Bulletin (2 p.), September, 2010.
19. Don't Forget About SURE. UWEX Information Bulletin (2 p.), September, 2010.
20. Thinking about ACRE for 2009. UWEX Information Bulletin (3 p.), July, 2009.
21. Overview of ACRE for 2009. UWEX Information Bulletin (3 p.), July, 2009.
22. Wisconsin Winning Against Glyphosate-Resistant Weeds (C. Boerboom and P.D. Mitchell). *Wisconsin Crop Manager* 16(March 12, 2009):12-13.
23. Hints for Using Crop Insurance in 2009. UWEX Information Bulletin (2 p.), December 2008.
24. New Disaster Assistance for Wisconsin Farmers Affected by the 2008 Floods. UWEX Information Bulletin (2 p.), August 2008.
25. New Disaster Programs in the 2008 Farm Bill. UWEX Information Bulletin (4 p.), August 2008.
26. 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.
27. Disaster Assistance for Uninsured Farmers Affected by Recent Flooding. UWEX Information Bulletin (2 p.), June 2008.
28. Late and Prevented Planting Coverage and Replant Provisions for Wisconsin Farmers. UWEX Information Bulletin (2 p.), June 2008 (update).
29. Horticulture and Organic Agriculture (The Specialty Crops Title). 2008 Farm Bill: Wisconsin Focus Fact Sheet (2 p.), June 2008.

30. Average Crop Revenue Election (ACRE) Program. 2008 Farm Bill: Wisconsin Focus Fact Sheet (2 p.) plus diagram (1 page) June 2008.
31. Hints for Using Crop Insurance in 2008. UWEX Information Bulletin (2 p.), January 2008.
32. Is GRP a Good Deal for My Corn? UWEX Information Bulletin (5 p.), January 2008.
33. 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.
34. 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.
35. 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.
36. Enterprise Budgeting Resources for Wisconsin Strawberry Farmers. UWEX Information Bulletin (1 page), May 2007.
37. Hints for Using Crop Insurance in 2007. UWEX Information Bulletin (2 p.), February 2007.
38. Is GRP a Good Deal for My Corn? (P.D. Mitchell and F. Cody Heller). UWEX Information Bulletin (5 p.), February 2007.
39. Is GRP a Good Deal for My Soybeans? (P.D. Mitchell and F. Cody Heller). UWEX Information Bulletin (4 p.), February 2007.
40. Potato Demand in an Organic World: With demand for organic foods rising, how do potato varieties fare? (M.-F. Hsieh, P.D. Mitchell, and K.W. Stiegert). UW-Madison Food Systems Research Group, Issue Sheet 10 (2 p.), February 2007.
41. Late and Prevented Planting Coverage and Replant Provisions for Wisconsin Farmers. UWEX Information Bulletin (2 p.), June 2006.
42. Can Proactive Herbicide Resistance Management Pay? (C. Boerboom and P.D. Mitchell) *Wisconsin Crop Manager* 13(February 16, 2006):21-22.
43. Estimating Your Cost of Potato Production (C. Croff and P.D. Mitchell). UWEX Information Bulletin (4 p.), with companion spreadsheet, February 2006.
44. Sweet Corn for Processing: Value and Risk of IPM for European Corn Borer (P.D. Mitchell, W.D. Hutchison, and E.C. Burkness). 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>.
45. Integrated Pest Management: A Risk Management Framework to Improve Decision-Making (W.D. Hutchison, E.C. Burkness, M.A. Carrillo, T.L. Galvin, P.D. Mitchell, and T.M. Hurley). Public 08229. University of Minnesota Extension Service, St. Paul, February 2006. <http://www.extension.umn.edu/distribution/horticulture/DG8229.html>.
46. An Overview of Crop Insurance for Wisconsin Farmers and Agricultural Professionals. *Wisconsin Crop Manager* 13(January 19, 2006):3.
47. New Bt Corn Decision Aid for Wisconsin Farmers. *Wisconsin Crop Manager* 13(Jan. 19, 2006):3-4.
48. An Overview of Federal Crop Insurance in Wisconsin. UWEX Information Bulletin (24 p.), Nov. 2005.

49. The Expected Net Benefit and Break-Even Probability for Bt Corn in Wisconsin. UWEX Information Bulletin (10 p.), with companion spreadsheet, Oct. 2005.
50. A Fast and Simple Method to Estimate Typical Machinery Costs. UWEX Information Bulletin (4 p.), with companion spreadsheet, July 2005.
51. Soybean Rust and Crop Insurance: Summary of Current RMA Guidelines. Extension Responds: Soybean Rust, July 2005.
52. Soybean Rust Management Activities Documentation Template. Extension Responds: Soybean Rust, July 2005.
53. 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.
54. Machinery Cost Estimate for Cranberry Boom Spreaders. *Cranberry Crop Management Newsletter* XVIII(July 20, 2005):2-4.
55. Livestock Risk Protection (LRP) Insurance (P.D. Mitchell, W. Halfman and B. Boetel). UWEX Information Bulletin (5 p.), November 2004.

C. Publications in Trade Magazines

1. Farm Bill Commodity Programs: Farmers Face Important Long-Term Decisions. 2014. *The Badger Common'Tater* 66(8):12-16.
2. Update on the SCRI Sustainable Processing Vegetable Project (P.D. Mitchell, D. Knuteson, and J. Wyman). 2013. *The Badger Common'Tater* 65(8):9-13.
3. Wisconsin's Contributions to Sustainability Solutions. 2012. *The Badger Common'Tater* 64(8):10-12.
4. Economics of Managing Nitrogen for Sweet Corn. (M. Ruark and P. D. Mitchell). 2012. *The Badger Common'Tater* 64(7):11-13.
5. Economic Impact of Vegetable Production in Wisconsin, or Why What We Do Matters. 2011 *The Badger Common'Tater* 63(8):10-12.
6. Fair Trade Coffee—Lessons for Healthy Grown (P.D. Mitchell, J. Weber, B. Barham). 2010. *The Badger Common'Tater* 62(8):9-11.
7. Crop Insurance: Practices and Experiences of Wisconsin Potato and Vegetable Growers. 2009. *The Badger Common'Tater* 61(8):9-11.
8. Flooding on the Farm: The Effects of Floods on Agriculture. 2008. *Storm Water Solutions Runoff*, Feature article in August 2008 e-newsletter, <http://www.estormwater.com/Flooding-on-the-Farm-article9528>.
9. The 2008 Farm Bill and What it Means for Wisconsin Potato and Vegetable Growers. 2008. *The Badger Common'Tater* 60(8):10-13.
10. Sustainable Potato Production: A Means to an End? (A.J. Bussan, M. Carter, J. Colquhoun, A. Dierks, S. Dierks, R. Groves, P.D. Mitchell, P. Nowak, D. Knuteson, and A. Wallendahl). 2008. *The Badger Common'Tater* 60(4):10-12.
11. Potato Demand in an Increasingly Organic Marketplace (P.D. Mitchell, M. F. Hsieh and K. Stiegert). 2007. *The Badger Common'Tater* 59(10):10-12.

D. Extension Presentations

1. Communicating Controversial Science to the Public: Overview of GM Crops and Neonicotinoids, ANRE Annual Conference, Wisconsin Dells, WI, October 22, 2014.

2. Farm Bill Choices: What Should Crop Farmers Do? Farm Management Update for Ag Professionals, Kimberley, WI September 5, 2014
3. Risk Management Options for Crop Farmers under the 2014 Farm Bill. Wisconsin Credit Issues Conference, Wisconsin Rapids, WI July 9, 2014
4. Neonicotinoid Insecticides – Issues and (My) Current Research, Kiwanis Club Meeting, Madison WI, May 14, 2014
5. So They Passed a Farm Bill, Farm Management Update, Kimberley, WI, May 2, 2014
6. Risk Management and the New 2014 Farm Bill, Waupun, WI March 28, 2014
7. The “Flat Objective” Problem in Crop Production: Implications for Nitrogen Management. UW Nitrogen Summit, Madison, WI, March 20, 2014
8. Economics of Cover Crops (with V. Moore), Wisconsin Cover Crops Conference, Wisconsin Dells, WI, March 14, 2014
9. Risk Management and the 2014 Farm Bill.
 - a. Policy at the Pizza Ranch, Waupun, WI March 28, 2014
 - b. Webinar for UW Extension agents and Specialists, March 11, 2014.
10. Sustainability of Potato and Vegetable Production in Wisconsin: Results from Recent Surveys. Central Wisconsin Processing Crops Meeting, Plover, WI March 5, 2014.
11. Crop Insurance for Organic Crop Farmers, MOSES Organic Farming Conference, Feb. 28, 2014, La Crosse, WI
12. Farm Bill and Crop Insurance Update for 2014, UWEX Winter Crops Meeting, Feb 21, 2014
 - a. Hillsboro, WI
 - b. Sparta, WI
 - c. Black River Falls, WI (webinar)
13. 2014 Crop Insurance Update, A First Look at the 2014 Farm Bill & Thoughts on Profitability for Corn and Soybeans in 2014, Grosskreutz Crop Insurance Update, February 19-20, 2014
 - a. Baldwin, WI
 - b. Cumberland, WI
14. A Practical Sustainability Assessment Program: Processing Vegetable Results, WPVGA Grower Education Conference, Stevens Point, WI, February 5, 2014.
15. Entry level Sustainability Self-Assessments: Case Studies, J. Colquhoun and P. Mitchell. NISA Board Meeting Chicago, IL January 30, 2014.
16. New Farm Bill Insights: What does it mean for Farmers? Forage and Feeding Update, Waldo, WI, January 17, 2014.
17. A Practical Sustainability Assessment Program: Processing Vegetable Results, Wisconsin Crop Management Conference, Madison, WI, January 16, 2014.
18. What do Wisconsin’s Atrazine Prohibition Areas Tell Us about Weed Management? Wisconsin Crop Management Conference, Madison, WI, January 15, 2014.
19. Crop Insurance and the 2013(?) Farm Bill, Tri-State Agricultural Lenders Seminar, Dubuque, IA, October 30, 2013.
20. Extension Responds in an Era of Global Climate Change (Panel Member), 2013 Agriculture and Natural Resources Extension Conference, Wisconsin Dells, WI Oct 9, 2014.
21. A First Look at the Farm Bill, Agronomy/Soils Field Day, Arlington, WI, Aug 28, 2013.
22. Cover Crops and Crop Insurance, Team Grains ANRE Special Teleconference, Aug 9, 2013.
23. Pest Resistance and New Realities for Spray Applications. Miller St. Nazianz, Inc. Dealer Meeting, Lake Geneva, WI July 31, 2013.
24. What to Expect When You’re Expecting a Farm Bill. Wisconsin Counties Association Agriculture Steering Committee, Madison, WI July 15, 2013.
25. Prevented Planting Options for Wisconsin Farmers. June 12, 2013.
 - a. Galesville, WI
 - b. Alma Center, WI

26. Crop Insurance and Commodity Support in the U.S. Brazilian Co-op Visitors, Madison, WI, May 23, 2013.
27. Crop Insurance Update for Organic Agriculture. Wisconsin Organic Advisory Council. Madison, WI, March 18, 2013.
28. Forage and Cover Crops, Team Forage ANRE Monthly Teleconference. January 22, 2013.
29. Ag Policy Update at the Pizza Ranch, Waupun, WI January 22, 2013.
30. Crop Insurance Update for 2013
 - a. Team Grains ANRE Monthly Teleconference. March 1, 2013
 - b. Waupaca County Forage Council Meeting, Manawa WI February 14, 2013.
 - c. UW Winter Crops Day, Sparta, WI February 12, 2013
31. Measuring Ag Sustainability: An Update for Wisconsin Potato and Vegetable Growers, WPVGA/UWEX Grower Education Conference, Steven Point, WI February 7, 2013.
32. Farm Bill and Crop Insurance. Corn Soy Expo, Wisconsin Dells, WI, February 1, 2013.
33. Crop Insurance and New Risk Management Requirements, Wisconsin Agricultural Economic Outlook Forum, January 23, 2013.
34. Crop Insurance Options for Wisconsin Grape Growers, 2013 Wisconsin Fresh Fruit and Vegetable Conference, Wisconsin Dells, WI January 22, 2013.
35. Crop Insurance updates and Insights into the Farm Bill, Washington County Forage Council Meeting, Waldo WI, January 18, 2013.
36. What's Going on with the Farm Bill and Does It Matter. Wisconsin Crop Management Conference, Madison, WI, January 15-17, 2013.
37. Cover Crop Considerations for 2013: Crop Insurance Changes. Wisconsin Crop Management Conference, Madison, WI, January 15-17, 2013.
38. Crop Insurance Update Now and In the Future. Wisconsin Chapter of the American Society of Farm Managers and Rural Appraisers, Tomahawk, WI October 3, 2012.
39. Farm Bill Update: What Can Wisconsin Expect?
 - a. UWEX Farm Management Update for Ag Professionals, Kimberly, WI, Sep. 7, 2012.
 - b. IPCM/NPM Technical Advisory Committee Meeting, Verona, WI Sep. 7, 2012.
40. Economic Importance of Atrazine. IPCM/NPM Technical Advisory Committee Meeting, Madison, WI, March 9, 2012.
41. Measuring the Sustainability of Processing Vegetable Production. Central Wisconsin Processing Crops Conference, Plover, WI, March 7, 2012.
42. Farm Bill Expectations. Corn Soy Expo, Wisconsin Dells, WI, February 2, 2012.
43. Benefits of Atrazine. Corn Soy Expo, Wisconsin Dells, WI, February 2, 2012.
44. The Economics of Deficit Irrigation. Wisconsin Potato and Vegetable Growers Association Grower Education Conference. Stevens Point, WI, February 1, 2012.
45. A Closer Look at the 2012 Farm Bill. 2012 Wisconsin Agricultural Outlook Forum, Madison, WI, January 25, 2012.
46. Managing Risk by Finding Your Cost of Production and Using Crop Insurance. Wisconsin Fresh Fruit and Vegetable Conference, Wisconsin Dells, WI, January 15-17, 2012.
47. Farm Bill Update: Early Thoughts on What May Come. Wisconsin Crop Management Conference, Madison, WI, January 10-12, 2012.
48. The Economic Importance of Atrazine in the USA. Wisconsin Crop Management Conference, Madison, WI, January 10-12, 2012.
49. European Corn Borer Trends in Response to GM Crops. Midwest Food Processors Association's Processing Crops Conference, Wisconsin Dells, WI, November 30, 2011.

50. Determining Profitability: Things to Consider and Tools to Help, Dane County Packinghouse/Food Hub Meeting, Madison, WI, October 4, 2011
51. What's Driving Ag and Food Prices? Ag Tour 2011, Agri-Business Committee of the Portage County Business Council, Plover, WI, September 13, 2011.
52. U.S. Crop Insurance Programs and Commodity Support Programs: A Farmer's Perspective. Brazilian Visitor's Conference, University of Wisconsin Center for Cooperatives, Madison, WI, May 12, 2011.
53. Economic Impact of Specialty Crops in Wisconsin, Central Wisconsin Processing Crops Meeting, Plover, WI, March 9, 2011.
54. Crop Insurance and Other Risk Management Tools, Midwest Mint Growers Meeting, Wisconsin Dells, WI, February 24, 2011.
55. The Effect of New Health Legislation on Farms. UW Extension & WPVGA Grower Conference, February 2, 2011.
56. Cost of Vegetable Production and Risk Management. UW Extension & WPVGA Grower Conference, February 2, 2011.
57. Federal Risk Management Programs for Wisconsin Farmers. Heart of the Farm: Women in Agriculture Conference,
 - a. Baraboo, WI, February 25, 2011
 - b. Jefferson, WI, January 27, 2011
58. ACRE and SURE and an Update on the New Crop Insurance Rules. Wisconsin Crop Management Conference, Madison, WI, January 12, 2011.
59. Benefits of Atrazine to the U.S. Economy. Wisconsin Crop Management Conference, Madison, WI, January 12, 2011.
60. Insuring Forage Crops for SURE Eligibility and Winter Cover, Ames, IA November 9, 2010.
61. Economic and Social Standards for Healthy Farm Certification, Wisconsin Vegetable Sustainably Health Farms Meeting, Hancock, WI, October 12, 2010.
62. 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.
63. Integrating ACRE, SURE, and Crop Insurance: Producer Strategies for 2010. Silveus Insurance Group's Winter Ag Conference, Arlington, WI, January 21, 2010.
64. Economics of Roundup Ready Crops: Farmer Benefits and the Impact of Weed Resistance. Wisconsin Crop Management Conference, Madison, WI, January 14, 2010.
65. Corn Seeding Densities and Transgenic Traits: Economics and Farmer Behavior. Wisconsin Crop Management Conference, Madison, WI, January 14, 2010.
66. Thinking about ACRE. Special meetings regarding ACRE for local farmers hosted by UW Extension county agents.
 - a. Viroqua, WI, August 10, 2009
 - b. Martell, WI, July 30, 2009
67. Crop Program Update: ACRE or DCP? Waupaca County Forage Council Summer Field Day, Manawa, WI, July 8, 2009.
68. How Should Extension Economists Talk about Crop Insurance with Farmers? North Central Farm Management Extension Committee Semiannual Meeting, Madison, WI, May 13, 2009.
69. 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.

70. Update on Risk Management and Processing Vegetables. Central WI Processing Crops Meeting, Hancock, WI, March 11, 2009.
71. Crop Insurance: Changes and Hints for 2009. Heart of the Farm: Women in Agriculture Conference, Oshkosh, WI, March 6, 2009.
72. ACRE, SURE, Crop Insurance, and Producer Strategies for 2009. North East Wisconsin Grain Crops Production Clinic, Brillion, WI, March 4, 2009.
73. Understanding Farm Programs: ACRE, SURE and Crop Insurance. Crop Economics Update sponsored by the Mound City Bank, Platteville, WI, February 11, 2009.
74. ACRE, SURE and Crop Insurance: Changes and Hints for 2009.
 - a. Agricultural and Natural Resources Team Grains Teleconference, February 6, 2009,
 - b. Winter Crops Day, Sparta, WI, February 5, 2009,
 - c. Winter Crops Day, Arcadia, WI, February 5, 2009.
75. Input Prices: Long Term Trends and Short Term Realities. Wisconsin Potato and Vegetable Growers Association Annual Growers Conference, Stevens Point, WI, February 3, 2009.
76. 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.
77. Understanding Farm Programs: ACRE, SURE and Crop Insurance. Wisconsin Corn/Soy Expo, Wisconsin Dells, WI, January 29, 2009.
78. Costs, Returns and Crop Insurance for Corn and Soybeans in the Central Sands. Corn-Soybean Production Seminar, Hancock, WI, January 19, 2009.
79. Crop Insurance and Risk Management: Changes and Hints for 2009. Corn-Soybean Production Seminar, Hancock, WI, January 19, 2009.
80. New Federal Risk Management Programs for Farmers. Wisconsin Crop Management Conference, Madison, WI, January 14, 2009.
81. Crop Rotation Economics. Presenter and Panel Moderator. Wisconsin Crop Management Conference, Madison, WI, January 14, 2009.
82. Veggie Compass: Which Way Do You Want to Grow? Wisconsin Fresh Market Fruit and Vegetable Conference, Wisconsin Dells, WI, January 6, 2009.
83. 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.
84. 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.
85. The New Farm Bill: New Programs and New Requirements. Farm Bill/Crop Insurance Meeting, Mound City Bank, Platteville, WI September 9, 2008.
86. 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.
87. Inputs and Crop Insurance for Potatoes and Vegetables in the New BioEconomy. Central WI Processing Crops Meeting, Hancock, WI, March 12, 2008.
88. Economic Realities of Growing Potatoes and Vegetables in the New BioEconomy. Central WI Processing Crops Meeting, Hancock, WI, March 12, 2008.

89. Crop Insurance—What it is, What it’s not, When it’s Worthwhile. Managing Risks in the Produce Market, Richland Center, March 11, 2008.
90. The New Economics of Crop Production in Wisconsin. Wisconsin Association of Professional Agricultural Consultants Spring Seminar, Arlington, WI, March 6, 2008.
91. Production Costs and Availability of Agricultural Inputs. Wisconsin Muck Farmers Association Annual Meeting, Portage, WI, March 4, 2008.
92. Evaluating Crop Insurance Issues and Options.
 - a. Green Bay, WI, February 22, 2008
 - b. Brillion, WI, February 22, 2008.
93. Potato Demand in an Increasingly Organic World. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 7, 2008.
94. Growing Potatoes in the Bioeconomy. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 6, 2008.
95. 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.
96. 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.
97. How Prices and Costs affect IPM. Wisconsin Fertilizer, Aglime, and Pest Management Conference, Madison, WI, January 17, 2008.
98. Economics of Crop Rotations under New Input and Grain Prices. Wisconsin Fertilizer, Aglime, and Pest Management Conference, Madison, WI, January 16, 2008.
99. The Farm Bill: What is the Current Status? Western Wisconsin Ag Lenders Conference, Menomonie, WI, January 10, 2008.
100. Strawberry Enterprise Budgeting. Wisconsin Berry Growers Association Summer Field Day Barneveld, WI, May 25, 2007.
101. Crop Insurance and Processing Vegetables: Farmer Practices and Net Returns. UW Extension Central Wisconsin Processing Crops Meetings, Hancock, WI, March 14, 2007.
102. 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.
103. 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.
104. Value of AGR-Lite to Wisconsin Vegetable Growers. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 7, 2007.
105. Crop Insurance: Helpful Hints to Make More Money. Central Wisconsin Heart of the Farm, Wisconsin Dells, WI, January 23, 2007.
106. 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.
107. AGR-Lite Listening Sessions. Seven meetings conducted, one each in Verona, Waukesha, Appleton, Hancock, Antigo, Spooner, and Altoona, WI over July 17-20, 2006.
108. 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.

109. 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.
110. 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.
111. Crop Insurance: What You Need to Know. UW-Extension FARM Team's In-Service Professional Development Activity, Stevens Point, November 17, 2005.
112. 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.
113. 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.
114. Effect of Spacing and Tillage on Price. UW Extension and Wisconsin Potato and Vegetable Grower Association Conference, Stevens Point, WI, February 16, 2005.
115. Livestock Risk Protection Insurance. Jefferson County Farm Forum Night Class, Jefferson, WI, February 7, 2005.
116. Economics of Bt Corn in Wisconsin. Wisconsin Fertilizer, Aglime and Pest Management Conference, Madison, WI, January 14, 2005.
117. 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.