

PAUL D. MITCHELL

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Associate Professor, Department of Agricultural and Applied Economics
Extension State Specialist in Cropping Systems and Environmental Management
Director, Renk Agribusiness Institute, College of Agriculture and Life Science
Co-Director, Nutrient and Pest Management Program, University of Wisconsin-Extension
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EDUCATION

Ph.D. Economics, Iowa State University, Ames, IA, August 1999
M.A. Classics, University of Wisconsin, Madison, WI, December 1991
B.A. History, Iowa State University, Ames, IA, May 1990

PROFESSIONAL EXPERIENCE

Associate/Assistant Professor Agricultural and Applied Economics, University of Wisconsin-
Madison and University of Wisconsin-Extension, 2004 – *Present*
Assistant Professor Agricultural Economics, Texas A&M University, 1999 – 2004

PROFESSIONAL AWARDS

- Team Workgroup Leadership and Responsiveness Award, UW Ag. Extension, 2016
- Wisconsin Potato and Vegetable Growers Association, Researcher of the Year, 2015
- Extension Excellence in Audio Visual Award, American Society of Agronomy, 2013
- Integrated Pest Management Team Award, Entomology Society of America, 2011

PROFESSIONAL ACTIVITIES Academic Appointment: 70% Extension, 30% Research Research Grants (last four years)

Lead Investigator on \$2.1 million USDA-Specialty Crop Research Initiative (SCRI) grant, \$350,000 extramural competitive grant, and 3 intramural competitive grants. Co-Investigator on 9 extramural grants for more than \$15 million, including USDA-AFRI, 2 USDA-SCRI Grants, USDA-Biotechnology Risk Assessment Grant, and grants from United Soybean Board, North Central Soybean Research Program, Wisconsin Corn Promotion Board, and Ceres Trust.

Teaching (last four years)

University of Wisconsin, Madison, WI.

AAE 320: Farming System Management <http://www.aae.wisc.edu/aae320/main.asp> (annually)

Extension Activities (last four years)

Outreach program focused broadly on crop economics for all Wisconsin farmers, including both commodity crops and specialty crops, from commercial scale to small diversified organic vegetable growers. Topics include crop insurance, agricultural policy, sustainability metrics, insect and weed management, pest resistance management and transgenic crops. County-based extension activities: 17 non-refereed extension publications, 5 magazine publications, and 90 presentations at various extension venues: <http://www.aae.wisc.edu/mitchell/extension.htm>.

Director, Renk Agribusiness Institute (July 2016 - present)

The Institute has a broad mission to enhance on education, research and outreach for Wisconsin's agribusiness sector, including food processing for dairy, meat, seed and vegetables, as well as agricultural input suppliers, farmers and product handlers: <http://renk.aae.wisc.edu/>.

Co-Director, Nutrient and Pest Management Program, UW-Extension (Jan. 2012 - present)

The 8 outreach specialists have broad responsibilities to develop and deliver programming to enhance farmer adoption of best management practices. Programming includes nutrient and pest management, as well sustainability, Healthy Grown potatoes, and organic farming systems trials, plus award-winning mobile apps and a YouTube Channel: <http://ipcm.wisc.edu/npm/>.

RESEARCH PUBLICATIONS (last four years)

1. Hurley, Mitchell. 2016. Value of Insecticide Seed Treatments to U.S. Soybean Farmers. Forthcoming *Pest Management Science*.
2. Moore, Mitchell, Silva, Barham. 2016. Cover Crop Adoption and Intensity on Wisconsin's Organic Vegetable Farms. *Agroecology and Sustainable Food Systems* 40(7):693-713.
3. Dong, Mitchell, Davis, Recker. 2016. Impact of Atrazine Prohibition on the Sustainability of Weed Management in Wisconsin Corn Production. *Pest Mangmt Sci* doi: 10.1002/ps.4298.
4. Dong, Mitchell, Hurley, Frisvold. 2016. Quantifying Adoption Intensity for Weed Resistance Management Practices and Its Determinants among U.S. Soybean, Corn, and Cotton Farmers. *Journal of Agricultural and Resource Economics* 41(1):42-61.
5. Dong, Mitchell, Knuteson, Wyman, Bussan, Conley. 2015. Assessing Sustainability and Improvements in U.S. Midwestern Soybean Production Systems Using a PCA-DEA Approach. *Renewable Agriculture and Food Systems* doi:10.1017/S1742170515000460.
6. Tinsley, Mitchell, Wright, Meinke, Estes, Gray. 2015. Estimation of Efficacy Functions for Products Used to Manage Corn Rootworm Larval Injury. *J Appld Entomol* doi: 140:414-425.
7. Milne, Bell, Hutchison, van den Bosch, Mitchell, Crowder, Parnell, Whitmore. 2015. The effect of farmers' decisions on pest control with Bt crops: a billion dollar ecology game. *PLoS Computational Biology* 11(12): e1004483. doi:10.1371/journal.pcbi.1004483.
8. Andow, Pueppke, Schaafsma, Gassman, Sappington, Meinke, Mitchell, Hurley, Hellmich, Porter. 2015. Early Detection and Mitigation of Resistance to Bt Maize by Western Corn Rootworm (Coleoptera: Chrysomelidae). *Journal of Economic Entomology* 109:1-12.
9. Recker, Lauer, Stoltenberg, Mitchell, Davis. 2015. Does Timing Influence the Utility of Reduced Atrazine Rates for Proactive Resistance Management? *Weed Tech.* 29:464-471.
10. Recker, Mitchell, Stoltenberg, Lauer, Davis. 2015. Late-season Weed Escape Survey Reveals Discontinued Atrazine Use Associated with Greater Abundance of Broadleaf Weeds. *Weed Tech.* 29:451-463.
11. Gaspar, Conley, Mitchell. 2015. Economic Risk and Profitability of Soybean Seed Treatments at Reduced Seeding Rates. *Crop Science* 55:924-933.
12. Dong, Mitchell, Colquhoun. 2015. Measuring Farm Sustainability Using Data Envelope Analysis with Principal Components: The Case of Wisconsin Cranberry. *Journal of Environmental Management* 147:175-183.
13. Silva, Dong, Mitchell, Claypool. 2015. Impact of marketing channels on perceptions of quality of life and profitability for Wisconsin's organic vegetable farmers. *Renewable Agriculture and Food Systems* 30:428-438.
14. Mitchell. 2014. Market-level assessment of the economic benefits of atrazine in the United States. *Pest Management Science* 70:1684-1696.
15. Silva, Claypool, Munsch, Hendrickson, Mitchell, Mills. 2013. Veggie Compass: A Spreadsheet-Based Tool to Calculate Cost-of-Production for Diversified Organic Vegetable Farmers. *Hort Tech* 24: 394-402.
16. Rejesus, Mutuc-Hensley, Mitchell, Coble, Knight. 2013. U.S. Agricultural Producer Perceptions of Climate Change. *J. Agricultural and Applied Economics* 45:701-718.