

Nathan D. DeLay

Department of Agricultural Economics
Purdue University
743, Krannert Hall
West Lafayette, IN 47907

Updated: Nov 15, 2018
Citizenship: United States of America
(765) 496-6200
ndelay@purdue.edu

- Appointments** **Assistant Professor**, 2018-present, Purdue University.
- Education** **Ph.D.**, Economics, May 2018, Washington State University.
Fields: Agricultural Economics, Environmental and Natural Resource Economics.
Dissertation: “*Agricultural Risk Management Policy and Producer Decision Making.*”
Advisors: Dr. Hayley H. Chouinard, Dr. Thomas L. Marsh
- M.A.**, Economics, December 2013, University of Colorado Denver.
Master’s Research Project: “*The Effect of Crop Insurance Subsidies on Agricultural Productivity.*”
Advisor: Dr. Brian Duncan
- B.S.**, Business Administration and Economics, May 2009, Rocky Mountain College.
Magna cum laude
- Research Interests** Primary: Digital Agriculture, Agricultural Policy, Applied Econometrics
Secondary: Natural Resource Economics, Environmental Economics
- Work Under Review** DeLay, Nathan D. “*The Impact of Federal Crop Insurance on the Conservation Reserve Program.*” (revise and resubmit at *Agricultural and Resource Economics Review*)
- DeLay, Nathan D., S. M. Thumbi, Julia Vanderford, Elkanah Otiang, Linus Ochieng, M. Kariuki Njenga, Guy H. Palmer, and Thomas L. Marsh. “*Linking Calving Intervals to Milk Production and Household Nutrition in Kenya.*” (under review at *Food Security*)
- DeLay, Nathan D., Hayley H. Chouinard, and Philip R. Wandschneider. “*Categorizing Agritourism Operations and Identifying Barriers to Success.*” (forthcoming in *Journal of Agribusiness*)
- Working Papers** DeLay, Nathan D., Hayley H. Chouinard, Cory G. Walters, and Philip R. Wandschneider. “*The Market Structure for Crop Insurance Agents and the Effects on Insurance Contracts.*”
- Research Experience** Graduate Research Assistant, Fall 2017.
School of Economic Sciences, Washington State University.
Dr. Thomas L. Marsh
- Graduate Research Assistant, Fall 2016, Fall 2015, Summer 2015.
School of Economic Sciences, Washington State University.
Dr. Hayley H. Chouinard
- Teaching Experience** Instructor, AGE 202 Spreadsheet Use in Agricultural Business, Spring 2019 (Enrollment: 92).
Department of Agricultural Economics, Purdue University.
- Instructor, EconS 321 Sport Economics Online, Summer 2018 (Enrollment: 18).
School of Economic Sciences, Washington State University.

Masters Level Online Econometrics course design with Thomas L. Marsh, Fall 2017.
School of Economic Sciences, Washington State University.

Instructor, EconS 404 Economics for Managers Online, Summer 2017 (Enrollment: 34).
School of Economic Sciences, Washington State University.

Instructor, EconS 352 Business Management Economics, Spring 2017 (Enrollment: 45),
Spring 2016 (Enrollment: 62).
School of Economic Sciences, Washington State University.

Teaching Assistant, EconS 101 Fundamentals of Microeconomics & EconS 102 Fundamentals of Macroeconomics, Fall 2014, Spring 2015.
School of Economic Sciences, Washington State University.

Presentations

Panel Moderator, Using Technology Beyond Precision Applications to Improve Profitability.
2019 Purdue University Top Farmer Conference. West Lafayette, IN.

Participant, James M. Buchanan's Legacy for Liberty Conference.
2018 IHS/Liberty Fund Advanced Topics in Liberty Conference Series. Arlington, VA.

"The Market Structure for Crop Insurance and the Effects on Insurance Contracts."
2017 School of Economic Sciences Seminar Series. Pullman, WA.

"The Market Structure for Crop Insurance and the Effects on Insurance Contracts."
2017 AAEE Annual Meeting Poster Presentation. Chicago, IL.

"The Impact of Federal Crop Insurance on the Conservation Reserve Program."
2017 School of Economic Sciences GSA Poster Expo. Pullman, WA.

"The Impact of Federal Crop Insurance on the Conservation Reserve Program."
2016 Property and Environment Research Center (PERC) Summer Workshop Series.
Bozeman, MT.

"Categorizing Agritourism Operations and Identifying Barriers to Success."
2016 WAEA/CAES Annual Meeting. Victoria, B.C.

Session Moderator, Selected Paper Session 11: Market Structures and Supply Chains.
2016 WAEA/CAES Annual Meeting. Victoria, B.C.

Fellowships & Awards

School of Economic Sciences Excellence in Teaching Award, Fall 2017. Pullman, WA.

Institute for Humane Studies at George Mason University Ph.D. Scholarship, Fall 2017–Spring 2018. Arlington, VA.

School of Economic Sciences GSA Poster Competition Honorable Mention, Spring 2017.
Pullman, WA.

Property and Environment Research Center (PERC) Graduate Fellowship, Summer 2016. Bozeman, MT.

2016 WAEA/CAES Annual Meeting Travel Grant Recipient, Summer 2016. Victoria, B.C.

School of Economic Sciences Tesfaye Girma Deboch Graduate Fellowship, Summer 2016. Pullman, WA.

Rocky Mountain College Full Tuition Scholarship, Fall 2005–Spring 2009. Billings, MT.

Professional Affiliations

Agricultural and Applied Economics Association (AAEA)

Western Agricultural Economics Association (WAEA)

Professional Service

Reviewer, Selected Papers, 2019 Agricultural and Applied Economics Association Annual Meeting.

Reviewer, 2019 Purdue College of Agriculture AgSEED Grant Competition.

Reviewer, Selected Papers, 2018 Agricultural and Applied Economics Association Annual Meeting.

Professional Experience

Digital Marketing Account Manager, Jan 2011–Aug 2014. IHS, Inc., Denver, CO. Managed an online advertising budget of over \$500K per year. Worked closely with over 20 internal clients to develop and manage targeted ad campaigns. Implemented optimization strategy that increased annual revenue by 57 percent in year 2012.

Skills

Computer: STATA, R, SAS, LaTeX, EViews

Econometric/data analysis: Panel data analysis, instrumental variables, difference-in-differences, regression discontinuity, time series analysis, probit, logit, cluster analysis, principal components analysis.