

Kevin J. Mumford

CONTACT INFORMATION	Purdue University Department of Economics 403 W State Street West Lafayette, IN 47907-2056	mumford@purdue.edu phone: (765) 496-6773
ACADEMIC APPOINTMENTS	Associate Professor (with tenure), Purdue University Assistant Professor, Purdue University	2014 - 2007 - 2014
ADMINISTRATIVE POSITIONS	Kozuch Director, Research Center in Economics Economics Executive Committee Member Director, Undergraduate Programs in Economics	2018 - 2016 - 2015 - 2018
VISITING POSITIONS	Visiting Scholar, University of Nottingham (UK) Visiting Lecturer, Stanford University	2016 2004
EDUCATION	Ph.D. in Economics, Stanford University Committee: Ken Arrow, Michael Boskin, John Shoven M.A., Economics, Stanford University B.A., Economics, Brigham Young University <i>Magna Cum Laude</i> , minors in math and statistics	2007 2005 2002
RESEARCH FIELDS	Economics of Education, Labor Economics, Personal Finance and Taxation, National Wealth Accounting	

PEER-REVIEWED JOURNAL ARTICLES

1. “Why Have College Completion Rates Increased? An Analysis of Rising Grades” (with Jeff Denning, Eric Eide, Rich Patterson, and Merrill Warnick) forthcoming at **American Economic Journal: Applied Economics**
2. “Impact of Motivation and Workload on Service Time Components: An Empirical Analysis of Call Center Operations” (with Ahmad Ashkanani and Benjamin B. Dunford) forthcoming at **Management Science**
3. “Integrated Conflict Management Systems Pay Off with Lower Levels of Formal Grievances and Lower Turnover Rates” (with Benjamin B. Dunford, R. Wayne Boss, Alan D. Boss, and David S. Boss) **ILR Review** 73:2 (2020) 528-551

4. “Who Benefits from a Minimum Wage Increase?” (with John W. Lopresti) **ILR Review**, 69:5 (2016) 1171-1190
5. “Influence of Job Market Conditions on Engineering Cooperative Education Participation” (with Brock E. Barry, Matthew W. Ohland, and Russel A. Long) **Journal of Professional Issues in Engineering Education and Practice** 142:3 (2016)
6. “The Saliency of Complex Tax Changes: Evidence from the Child and Dependent Care Credit Expansion” (with Benjamin M. Miller) **National Tax Journal** 68:3 (2015) 477-510
7. “Examining the Influence of Engineering Students’ Course Grades on Major Choice and Major Switching Behavior” (with Joyce B. Main and Matthew W. Ohland) **International Journal of Engineering Education** 31:6A (2015) 1468-1475
8. “Sustainability and the Measurement of Wealth Further Reflections” (with Kenneth J. Arrow, Partha Dasgupta, Lawrence H. Goulder, and Kristen Oleson) **Environment and Development Economics** 18:4 (2013) 504-516
9. “Do Family Wealth Shocks Affect Fertility Choices? Evidence from the Housing Market” (with Michael F. Lovenheim) **Review of Economics and Statistics** 95:2 (2013) 464-475
10. “A Bayesian Analysis of Payday Loans and their Regulation” (with Minglian Li and Justin L. Tobias) **Journal of Econometrics** 171:2 (2012) 205-216
11. “Women and the Choice to Study Economics” (with Tisha L. N. Emerson and KimMarie McGoldrick) **Journal of Economic Education** 42:4 (2012) 349-362
12. “Sustainability and the Measurement of Wealth” (with Kenneth J. Arrow, Partha Dasgupta, Lawrence H. Goulder, and Kristen Oleson) **Environment and Development Economics** 17:3 (2012) 317-353
13. “Fertility and the Personal Exemption: Comment” (with Richard Crump and Gopi Shah Goda) **American Economic Review** 101:4 (2011) 161-28
14. “Student Performance in Undergraduate Economics Courses” (with Matthew W. Ohland) **Journal of Economic Education** 42:3 (2011) 275-282

POLICY PUBLICATIONS

15. “Lower Bars, Higher College GPAs: How grade inflation is boosting college graduation rates” (with Jeffrey Denning, Eric Eide, Richard Patterson, and Merrill Warnick) in **Education Next** 22:1 (2022), 56-62.
16. “Measuring Wealth: Implications for Sustainable Development” in **Achieving Inclusive Growth in the Asia Pacific** edited by Adam Triggs and Shujiro Urata, Australian National University Press, Canberra, Australia (2020) 41-53
17. “CareerVis: Hierarchical Visualization of Career Pathway Data” **IEEE Computer Graphics and Applications** 38:6 (2018) 96-105
18. “Fertility Response to the Tax Treatment of Children” **National Tax Association Proceedings of the Annual Conference** 110 (2017)
19. “Prosperity, Sustainability and the Measurement of Wealth” **Asia & the Pacific Policy Studies** 3:2 (2016) 226-234
20. “Wealth Accounting is Critical for Measuring Sustainability” **East Asia Form Quarterly** 7:4 (2015) 34-36
21. “How to Measure Sustainable Progress” (with Partha Dasgupta, Anantha Kumar Duraiappah, Shunsuke Managi, Edward B. Barbier, Ross D. Collins, Barbara M. Fraumeni, Haripriya Gundimeda, and Gang Liu) **Science** 350:6262 (2015) 748-749
22. “Health Capital” in UNU-IHDP and UNEP (with Kenneth J. Arrow and Partha Dasgupta) **Inclusive Wealth Report 2014** Cambridge: Cambridge University Press (2014) 123-134
23. “Measuring Inclusive Wealth at the State Level in the United States” in UNU-IHDP and UNEP **Inclusive Wealth Report 2012** Cambridge: Cambridge University Press (2012) 69-86
24. “The Efficiency Cost of Child Tax Benefits” **National Tax Association Proceedings of the 101st Annual Conference** 101 (2010) 201-207
25. “China the U.S., and Sustainability: Perspectives Based on Comprehensive Wealth” (with Kenneth J. Arrow, Partha Dasgupta, Lawrence H. Goulder, and Kirsten Oleson) in **Is Economic Growth Sustainable?** Edited by Geoff Heal, International Economics Association Volume 148, Palgrave Macmillan (2010) 92-144

1,632 Google Scholar citations with an h-index of 17 (April 2022)

WORKING PAPERS

“Student Selection into an Income Share Agreement”

“Decreasing Time to Baccalaureate Degree in the United States” (with Jeff Denning, Eric Eide, and Daniel Sabey) **Economics of Education Review – Revise and Resubmit (1st Round)**

“Teacher Performance Pay in the United States: Incidence and Adult Outcomes” (with Timothy N. Bond)

“Statistical Discrimination, Affirmative Action, and Optimal Mismatch in College Major Selection” (with Mary Kate Batistich and Timothy N. Bond)

“Bayesian Semiparametric Quantile Regression with Application to the Effect of State Minimum Wage Changes on Earnings Changes” (with Joshua Chan and Justin Tobias)

“End-of-Life Medical Spending: Evidence from Pet Insurance” (with Mary Kate Batistich)

RESTING PAPERS

“How Costly is Welfare Stigma? Separating Psychological Costs from Time Costs” (with Colleen F. Manchester)

“The Effect of Underwater Mortgages on Unemployment” (with Katie Lopresti)

RESEARCH GRANTS

“Student Selection into an Income Share Agreement” Primary Investigator, Searle Freedom Trust, \$304,000 (December 2019 – June 2022)

“Veterinary Insurance Data Analysis” Co-PI, Nationwide Mutual Insurance Company, \$386,000 (August 2015 - August 2022)

“Causes and Consequences of Purdue Grade Inflation” PI, Purdue University Provost, \$43,000 (November 2018 – February 2020)

“Personal Income Tax Salience: Evidence from the Alternative Minimum Tax” Primary Investigator, Kinley Trust, \$20,000 (November 2012 - July 2016)

“The Effect of Underwater Mortgages on Unemployment” Primary Investigator, Purdue Research Foundation Grant, \$8,000 (May 2012 - May 2014)

“Exploring Participation in Engineering Cooperative Education as a Leading Indicator of Engineering Labor Market Dynamics” Co-PI, Alfred P. Sloan Foundation, \$44,703 (April 2009 - March 2010)

“Welfare Stigma due to Public Disapproval” Primary Investigator, Institute for Research on Poverty (USDA RIDGE program), \$33,000 (August 2008 - December 2009)

“Who Benefited from the 2007 Minimum Wage Increase?” Primary Investigator, Upjohn Institute for Employment Research, \$5,000 (August 2008 - July 2009)

HONORS & AWARDS

Krannert School of Management Distinguished Teacher, 2020 (most recent award)
Faculty Service Award, Krannert School of Management, 2015
Favorite Professor Award, Purdue Economics Association, 2011
John and Mary Willis Young Faculty Scholar Award, Krannert, 2010
Kapnick Dissertation Fellowship, Stanford Institute for Economic Policy Research, 2006
John M. Olin Program in Law and Economics Research Fellowship, Stanford, 2004
Economics Valedictorian, Brigham Young University, 2002

INVITED ACADEMIC CONFERENCE & SEMINAR PRESENTATIONS

2022 RAND Applied Micro Seminar, Society of Labor Economists Annual Meeting
2021 Western Economic Association International Annual Conference, Southern Economics Association Annual Conference
2020 National Tax Association Annual Conference, Southern Economics Association Annual Conference, E-conomics of Education Summer Seminar Series
2019 NBER Education Program Meeting
2018 Pacific Trade and Development Conference (Tokyo), Florida State University, Population Association of America Annual Meeting, Stanford Institute for Economic Policy Research Conference
2017 American Economic Association Annual Meeting, Ohio State University Consumer Sciences, National Tax Association Annual Conference
2016 University of Nottingham, Granger Centre for Time Series Econometrics
2015 American Economic Association Annual Meeting, Monash University, University of Melbourne, East Asian Bureau of Economic Research Conference at Australian National University, University of New South Wales, Brigham Young University, National Tax Association Annual Meeting
2014 Arizona State University, Malaysia Office of the Science Advisor Conference, Western Economics Association Annual Meeting, College of William & Mary, Association for Public Policy and Management Annual Meeting

- 2013 University of Nebraska, Indiana University, Notre Dame University, Institute of Medicine National Academy of Sciences, UNESCO (Paris), India National Statistical Organization (New Delhi)
- 2012 American Economic Association Annual Meeting, Baylor University, Brigham Young University, Purdue College of Health and Human Sciences Home and Family Conference, Stanford Institute for Economic Policy Research, University of Chicago Harris School, University of Illinois at Chicago Institute of Government and Public Affairs
- 2011 American Economic Association Annual Meeting, Midwest Economics Association Annual Meeting, Society of Labor Economists Annual Meeting, Population Association of America Annual Meeting, National Conference on Teaching Economics and Research in Economic Education at Stanford University, Iowa State University, Association for Public Policy Analysis and Management Annual Meeting
- 2010 NBER Labor Studies Program Meeting, Cornell University Policy Analysis and Management, University of Illinois, Purdue University Ag Econ, Indiana University-Purdue University Indianapolis, University of Texas at Arlington, National Tax Association Annual Conference
- 2009 American Economic Association Annual Meeting, University of Maryland, DePaul University, Brigham Young University, University of Minnesota Applied Economics, Ball State University, Midwest Economics Association Annual Meeting, Institute for Research on Poverty at the University of Wisconsin-Madison, Population Association of America Annual Meeting, Midwest Econometrics Group Conference, US Department of Agriculture RIDGE Conference, Association of Public Policy Analysis and Management Annual Meeting, National Tax Association Annual Conference
- 2008 NBER Summer Institute Public Economics, National Tax Association Annual Conference
- 2007 Stanford University, Brown University, Brigham Young University, University of Louisville, Université Laval

PUBLIC SPEAKING & MEDIA INTERVIEWS

- 2022 Indiana Statehouse Information Session
- 2021 NPR Radio “On Point” (WBUR), Indiana Statehouse Information Session, PURCE Economic Policy Webinar, Purdue President’s Council Back to Class, Purdue Research Foundation Board of Directors Meeting, Mercatus Annual Conference, Translating Company Engagement into Research Krannert Conference
- 2020 Indiana Statehouse Information Session, Lafayette Chamber of Commerce, PURCE Economic Policy Lunch, Purdue Board of Trustees, Purdue Faculty Senate, Purdue Town Hall on Academic Rigor

- 2019 Lafayette Chamber of Commerce, Purdue President's Council Naples Weekend, Liberty Fund Conference, Krannert Alumni Conference, Purdue Research Foundation Board of Directors Meeting, Purdue Faculty Senate
- 2018 PURCE Economic Policy Lunch, Lafayette Chamber of Commerce
- 2017 Lafayette Chamber of Commerce
- 2016 Lafayette Chamber of Commerce, Conference of State Bank Supervisors
- 2015 Lafayette Chamber of Commerce
- 2014 Lafayette Chamber of Commerce
- 2013 Purdue President's Council Back to Class, Institute of Medicine of the National Academies
- 2012 Purdue President's Council Naples Weekend, Wabash Area Lifetime Learning Association, Sciencetech Club of Indianapolis, Purdue University Home and Family Conference
- 2011 Purdue President's Council Back to Class
- 2010 Unitarian Church Lecture Series
- 2009 Krannert Executive Forum
- 2008 Krannert Executive Forum

DOCTORAL STUDENT ADVISING (Initial Placement)

- Daniel Afolabi, 2023, committee member
- Anthony Lok Ting Yim, 2023, committee member
- Debasmita Das, 2022, committee member (Georgia Tech Postdoc)
- Town Oh, 2022, co-chair (DePauw University)
- Dan Bonin, 2021, co-chair (USDA Economic Research Service)
- Andrew Steckley, 2021, co-chair (Welch Consulting)
- Mary Kate Batistich, 2020, committee member (Notre Dame University)
- Svetlana Beilfuss, 2020, committee member (SUNY-Oswego)
- Clint Harris, 2019, committee member (University of Wisconsin Postdoc)
- Gabi Jiang Xuan, 2018, co-chair (Ohio State University Postdoc)
- Justine Mallatt, 2018, co-chair (Bureau of Economic Analysis)
- Kendall Kennedy, 2018, co-chair (Mississippi State University)
- Paul Thomas, 2018, chair (Vocational Economics Inc.)
- Sophie Shen Danqing, 2018, committee member (Shandong University)
- Brian Towell, 2017, chair (Wabash College)
- Xiaoxiao Li, 2017, co-chair (Villanova University)
- Suprabha Baniya, 2017, committee member (Clark University)
- Sebastian Linde, 2017, committee member (Grand Valley State University)
- Evan Totty, 2016, co-chair (U.S. Census Bureau)
- Zach Davis, 2016, co-chair (St. Vincent College)
- Danielle Carriere, 2016, committee member (Montana State University)
- Marcelo Castillo, 2016, committee member (USDA Economic Research Service)

Stuti Jha, 2015, co-chair (Rowan University)
 Robert Lantis, 2014, co-chair (Ball State University)
 Brittany Teahan, 2014, committee member (Linfield College)
 Katie Lopresti, 2013, co-chair (College of William & Mary)
 Yuriy Bots, 2013, committee member (William Jewell College)
 Justin Krieg, 2012, committee member (Robin, Kaplan, Miller and Ciresi LLP)
 So Yeong Lim, 2011, committee member (USDA Economic Research Service)
 Julia Beckhusen, 2011, committee member (U.S. Census Bureau)
 Samantha Snyder, 2011, committee member (USDA Economic Research Service)
 Qianru Qi, 2010, committee member (Fudan University)
 Sukanya Chaudhuri 2010, committee member (Univ. of North Carolina - Greensboro)
 Laura Puzzello, 2010, committee member (Monash University)
 Tasneem Mirza, 2009, committee member (Asian Development Bank)

TEACHING EXPERIENCE

Econometrics I – Master’s level – ECON 562 3-credit hours: introduction to econometrics and advanced topics including instrumental variables, time series estimation, panel data estimate methods, and technical writing	2013 - present (16 times)
Applied Microeconometrics – PhD level – ECON 650 2-credit hours: selection, matching, sample weights, data visualization, instrumental variables, regression discontinuity, panel data methods, quantiles regression, and clustering	2009 - present (14 times)
Econometrics – Undergraduate level – ECON 360 3-credit hours: OLS estimator, statistical inference, consistency, functional form, prediction, heteroskedasticity, proxy variables, measurement error, instrumental variables	2007 - present (12 times)
Econ Scholars: Intergen. Justice – Undergraduate level – ECON 290 1-credit hours: student discussions based on assigned readings, writing assignment, participants receive a \$1,000 scholarship	2021 (1 time)
Microeconometrics – Master’s level – ECON 574 2-credit hours: selection, matching, data visualization, instrumental variables, regression discontinuity, panel methods	2014 - 2021 (5 times)
Managerial Economics – EMBA – ECON 590 3-credit hours: firm behavior, consumer behavior, market market equilibrium, externalities, public goods, insurance, taxation, economic growth, political economy, trade	2016 - 2019 (4 times)

Senior Honors Thesis – Undergraduate level – ECON 499 3-credit hours: students formulate a research question, obtain data, estimate a causal econometric model, and describe the results in research paper suitable for an honors thesis	2010 - 2014 (2 times)
Taxation and Public Finance – Undergraduate level – ECON 422 3-credit hours: externalities, public goods, cost-benefit analysis, political economy, fiscal federalism, social insurance programs, income taxation, tax incidence, optimal taxation, investment	2008 - 2009 (2 times)

JOURNAL REFEREE

American Economic Journal: Economic Policy • American Economic Journal: Applied Economics • American Economic Review • American Economic Review: Insights • Community Work & Family • Contemporary Economic Policy • Ecological Economics • Economic Inquiry • Economic Letters • Economica • Economics of Education Review • Environment and Development Economics • Evaluation Review • Games and Economic Behavior • International Regional Science Review • Journal of Applied Econometrics • Journal of Behavioral and Experimental Finance • Journal of Economic Education • Journal of Environmental Economics and Management • Journal of Human Capital • Journal of Human Resources • Journal of Labor Research • Journal of Policy Analysis and Management • Journal of Population Economics • Journal of Public Economics • Journal of Urban Economics • Labour Economics • Management Science • National Tax Journal • Population Research and Policy Review • Population Studies • Proceedings of the National Academy of Sciences (PNAS) • Review of Economics of the Household • Scandinavian Journal of Economics • Southern Economic Journal

GRANT PROPOSAL REVIEWER

National Science Foundation, US Department of Agriculture

UNIVERSITY SERVICE

Provost-Commissioned Study on Purdue Grade Inflation	2018 - 2020
Krannert Chief Marketing Officer Search Committee	2019
Purdue Strategic Enrollment Workgroup	2018
University Undergraduate Research Committee Member	2012

DEPARTMENT SERVICE

Economic Executive Committee Member	2016 - 2022
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Economics Department Faculty Recruiting Committee Member	2007 - 2022
Economics Undergraduate Programs Review Committee	2019 - 2021
Semler Chair Search Committee Member	2017 - 2021
Omicron Delta Epsilon Faculty Advisor	2007 - 2018
Economic Executive Committee Member	2014 - 2015
Purdue Economics Association (Econ Club) Faculty Advisor	2007 - 2014
Economics Department Head Search Committee	2013
Applied Microeconomics Workshop Organizer	2007 - 2013