

Ahmad Z. Wahdat

CONTACT & CITIZENSHIP INFORMATION

Apt 5, 514 N. 7th Street
Lafayette, IN 47901 USA
Voice: (617) 548-4008
E-mail: awahdat@purdue.edu ; *Website:* www.ahmadziawahdat.com
Citizenship: United States, Afghanistan

EDUCATION

Purdue University, West Lafayette, Indiana USA

PhD in Agricultural Economics

August 2021

Fields: Behavioral & Experimental Economics, Food & Agricultural Economics, Household Finance

Specialization: Computational Science

Econometrics/Data Science Courses: Probability & Statistics, Econometrics, Nonparametric Econometrics, Microeconometrics, Mathematical Programming, Statistical & Machine Learning, Data Engineering, Linear Algebra for Data Science

Tufts University, Medford, Massachusetts USA

M.S. Economics

May 2012

Oberlin College, Oberlin, Ohio USA

B.A. Economics (Honors)

May 2010

EXPERIENCE

Purdue University, Department of Agricultural Economics, West Lafayette, IN USA

Postdoctoral Research Associate

August, 2021 - Present

Instructor & Graduate Research/Teaching Assistant

August, 2017 - August, 2021

Visiting Researcher at the Melbourne Institute of Applied Economics

February-May, 2020

The World Bank, The Development Impact Evaluation Unit (DECIE), Washington, D.C. USA

Consultant to the Integrated Agricultural Productivity Project (IAPP) April, 2016 - August, 2017

Harvard Business School, Boston, Massachusetts USA

Research Associate

Sept., 2013 - March, 2016

MIT Sloan School of Management, Cambridge, Massachusetts USA

Research Assistant

Sept., 2012 - August, 2013

German International Cooperation (GIZ), Kabul, Afghanistan

Project Officer

June, 2010 - August, 2011

ARTICLES

Polzin, Sam S., Lusk, Jayson L., and Ahmad Zia Wahdat. 2023. "Measuring Sustainable Consumer Food Purchasing and Behavior." *Appetite*, 180, 106369. <https://doi.org/10.1016/j.appet.2022.106369>

Wahdat, Ahmad Z., and Jayson L. Lusk. 2022. "The Achilles Heel of the U.S. Food Industries: Exposure to Labor and Upstream Industries in the Supply Chain." *American Journal of Agricultural Economics* 1-20. <https://doi.org/10.1111/ajae.12331>

Wahdat, Ahmad Z. 2022. "Economic Impact Payments and Household Food Insufficiency during COVID-19: The Case of Late Recipients." *Economics of Disasters and Climate Change*. <https://doi.org/10.1007/s41885-022-00115-9>

Wahdat, Ahmad Z., Michael A. Gunderson, and Jayson L. Lusk. 2021. "Farm Producers' Household Consumption and Individual Risk Behavior after Natural Disasters." *Agricultural and Resource Economics Review*, 50(1), 127-149. <https://doi.org/10.1017/age.2021.2>

Wahdat, Ahmad Z., and Michael A. Gunderson. 2021. "Principal Operators' Farm Risk Attitudes in Hot and Cold Climates." *Agricultural Finance Review*, Vol. and No. ahead-of-print. <https://doi.org/10.1108/AFR-06-2021-0087>

RESEARCH IN
PROGRESS

Wahdat, Ahmad Z., and Jayson L. Lusk. "Stockpiling, Grocery Shortages, and Consumer Shopping Behavior." (submitted to a top field journal)

Wahdat, Ahmad Z., and Jayson L. Lusk. "Extreme Weather Events and Consumers' Dynamic Food Shopping Behavior." (submitted to a top field journal)

Wahdat, Ahmad Z., and Sam Polzin. "From Disasters to Hunger: Investigating the Causal Effect of Natural Disasters on Household Food Insufficiency in the US." (submitted to a top field journal)

Wahdat, Ahmad Z., Yuansen Li, and Jayson L. Lusk. "Spatial Vulnerability of the U.S. Meatpacking Industry." (submitted to a top field journal)

Wahdat, Ahmad Z., and Michael S. Delgado. "A Decade of U.S. Natural Disasters and Household Food-at-Home Consumption and Quality: A Quasi-Experimental Study." (submitted to an interdisciplinary journal)

Wahdat, Ahmad Z. "Income Shocks and Loss Aversion in Consumption Expenditures." (pending for submission)

GRANTS

Co-PI on a \$0.5 million USDA-NIFA grant project, "Alternative Data to Measure Food-Away-from-Home Markets and their Resiliency." (with Tor Tolhurst (PI), and three Co-PIs, Jayson Lusk, Joseph Balagtas, and Valerie Kilders)

TEACHING

Instructor, AGECE 217 Macroeconomics (Score=4/5), Summer 2021, Purdue University

Teaching Assistant, AGECE 217 Macroeconomics, Fall/Spring 2020-21, Purdue University

Teaching Assistant, MS-MBA Quantitative Methods (4.9/5), Fall 2018 & 2019, Purdue University

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| EXTENSION WORK | Subramaniam, Annapurni, Ahmad Z. Wahdat, and Jayson L. Lusk. 2022. “Economic Profile of Food Service Industries.” Data Dashboard. Center for Food Demand Analysis & Sustainability, Department of Agricultural Economics, Purdue University. Access: https://ag.purdue.edu/cfdas/resource-library/economic-profile-of-food-service-industries/ | |
| | Wahdat, Ahmad Z., and Jayson L. Lusk. 2021. “Food Industries’ Vulnerable Input Purchases via Exposure to Upstream Industries and Labor Occupations.” Data Dashboard. Center for Food Demand Analysis & Sustainability, Purdue University. Access: https://ag.purdue.edu/cfdas/resource-library/food-industries-vulnerable-input-purchases-via-exposure-to-upstream-industries-and-labor-occupations/ | |
| | Wahdat, Ahmad Z., and Jayson L. Lusk. 2021. “Food and Beverage Industries’ Covid-19 Vulnerability Index by U.S. State and Counties.” Data Dashboard. Center for Food Demand Analysis & Sustainability, Purdue University. Access: https://ag.purdue.edu/cfdas/resource-library/food-and-beverage-industries-covid-19-vulnerability-index-by-u-s-state-and-counties/ | |
| | Wahdat, Ahmad Z., and Jayson L. Lusk. 2021. “Food and Beverage Industries’ Value Added by U.S. State.” Data Dashboard. Center for Food Demand Analysis & Sustainability, Purdue University. Access: https://ag.purdue.edu/cfdas/resource-library/food-and-beverage-industries-value-added-by-u-s-state/ | |
| | Wahdat, Ahmad Z., Michael A. Gunderson, and Jayson L. Lusk. 2020. “Specialty Farm Households’ Consumption and Risk Behavior after Natural Disasters.” Special Edition: COVID-19 Impact on Agriculture, Purdue Agricultural Economics Report, Purdue University. | |
| AWARDS | Yirgou Grant , Purdue University | September 2019 |
| | Hicks Grant , Agricultural Economics, Purdue University | March 2019 |
| | PhD Tuition & Stipend , Agricultural Economics, Purdue University | 2017-2018 |
| | Graduate Tuition Scholarship , Economics Department, Tufts University | 2011-2012 |
| | Fulbright Scholarship , Oberlin College | 2007 – 2010 |
| | International Grant , Oberlin College | 2007 – 2010 |
| | W.E. & E.B. Stevenson Scholarship , Oberlin College | 2007 – 2010 |
| CONFERENCES & WORKSHOPS | 12 th Conference of the Italian Association of Agricultural and Applied Economics (2023) | |
| | 183 rd European Association of Agricultural Economists Seminar (2022) | |
| | Agricultural and Applied Economics Association Conference (2019, 2020) | |
| | Australian Agricultural and Resource Economics Society Conference (2020) | |
| | Workshop on Field Experiments, World Bank (2017) | |
| | International Carroll Round Conference, Georgetown University (2011) | |

PRESENTATIONS & CHAIRED SESSIONS Presenter at 12th Conference of the Italian Association of Agricultural and Applied Economics, 2023, Milan, Italy

Presenter at 183rd EAAE Seminar on Experimental and Behavioural Economics Research in Agri-Food and the Environment, 2022, Zagreb, Croatia

Presenter at Purdue Experimental Economics Brown Bag, 2022 — “Grocery Shortages and Consumer Shopping Behavior”

Session Chair & Organizer at AAEA, 2020 — “Specialty Crop Producers’ Managerial Decisions and Risk Preferences: Responding to Consumer Tastes and Natural Disasters”

Presenter at AAEA, 2020 — “Specialty Producers’ Household Consumption and Individual Risk Behavior after Natural Disasters”

Presenter at AARES, 2020 — “U.S. Agricultural CEOs’ Farm-Operation Risk Attitudes between Hot and Cold Temperature Climates”

SKILLS

Computer Languages: Python, SQL, L^AT_EX

Statistical Programming: Stata, R, Matlab

Application Software: Microsoft Packages, MySQL, Tableau, ArcGIS, GAMS

Fluent Languages: Pashto, Dari (Farsi), Urdu, Hindi, English, Arabic (Intermediate)

REFERENCES

Prof. Jayson L. Lusk

Distinguished Professor and Department Head
Department of Agricultural Economics
Purdue University Krannert Building
403 W. State Street West Lafayette, IN 47907-2056
Email: jlusk@purdue.edu

Prof. Michael S. Delgado

Professor
Department of Agricultural Economics
Purdue University Krannert Building
403 W. State Street West Lafayette, IN 47907-2056
Email: delgado2@purdue.edu

Dr. Michael A. Gunderson

Head of Agriculture Research and Strategy
MetLife Investment Management
One MetLife Way
Whippany, New Jersey, 7981
Email: michael.gunderson@metlife.com

Prof. Collin B. Raymond

Associate Professor
Strategy and Business Economics, SC Johnson College of Business
Cornell University
Ithaca, NY 14853
Email: collinbraymond@gmail.com