

## MATTHEW K. GNAGEY

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Weber State University

Department of Economics

Ogden, UT 84403-3807

### EDUCATION

**Ph.D., Agricultural, Environmental, and Development Economics**, June 2014

The Ohio State University, Columbus, OH

Dissertation: *Three Essays on Residential Land Prices, and Land Use Patterns and Regulations*

Committee: Elena G. Irwin (chair), H. Allen Klaiber, Ian Sheldon

**M.A. Economics**, August 2011

The Ohio State University, Columbus, OH

**B.S. Economics; Justice, Peace and Conflict Studies**, May 2005

Eastern Mennonite University, Harrisonburg, VA

### ACADEMIC EMPLOYMENT

**Assistant Professor**, Department of Economics, Weber State University, 2014 – present

### PEER REVIEWED PUBLICATIONS

Gnagey, M.K., T.C. Grijalva, and R. Rong. (Forthcoming). “Spousal Influence and Assortative Mating on Time Preferences: A Field Experiment in the USA” *Review of Economics of the Household*

Gnagey, M.K., T.C. Grijalva, and R. Rong. 2018. “Spousal Dictator Game: Household Decisions and Other-Regarding Preferences” *Games*, 9, 69.

Rong, R., M.K. Gnagey, and T.C. Grijalva. 2018. “‘The Less You Discount, the More It Shows You Really Care’: Interpersonal Discounting in Households” *Journal of Economic Behavior and Organization*, 154, 1-23.

Gnagey, M.K. 2018. “Wetlands and Open Space: The Impact of Environmental Regulations on Land Use Patterns” *Journal of Environmental Management*, 225, 148-159.

Gnagey, M.K. and T.C. Grijalva. 2018. “The Impact of Trails on Property Values: A Spatial Analysis” *The Annals of Regional Science*, 60:1, 73-97.

Gnagey, M.K. and R. Tans. 2018. “Property Price Determinants in Indonesia”. *Bulletin of Indonesian Economic Studies*, 54:1, 61-84.

### WORKING PAPERS

Gnagey, M.K., and S. Dabb 2019. “Localized Environmental Kuznets Curves: A Spatial Panel Analysis among US Counties”. *Revise and Resubmit*.

Gnagey, M.K. and R. Tans 2019. "Spatial Variation in Tenure Security Premium: Evidence from Indonesia".

Gnagey, M.K. and T.C. Grijalva 2018. "Are Improvements to Outdoor Recreation Access Capitalized into Home Values?"

Gnagey, M.K., S. Dabb, and K. Wilson 2017. "The Impact of Air Quality on House Prices". Manuscript.

Gnagey, M.K. 2012. "Heterogeneous Developers, Spatial Interactions, and Land Development Outcomes". Manuscript

## OTHER PUBLICATIONS

Irwin, E.G., G.L. Buckley, M.K. Gnagey, N. Irwin, D.A. Newburn, E. Pierce, D. Wrenn, and W. Zhang. 2019. Land Use Dynamics: Regulations and Norms. In Pickett, S.T.A, M.L. Cadenasso, J.M. Grove, E.G. Irwin, E.J. Rosi and C.M. Swan. Science for the Sustainable City: Empirical Insights from the Baltimore School of Urban Ecology. Yale University Press

Grijalva, T.C. and M.K. Gnagey. 2019. The Economics of air quality in Utah. In Crimmel, Hal, Weinbauer, Ingrid, and Ewert, Eric. Utah's Air Quality Issues: Problems and Solutions. Salt Lake City: University of Utah Press.

Fiksel, J., E.G. Irwin, and M.K. Gnagey. 2016. Resilience Economics: A Systems Approach. In NIST Special Publication 1600: Economics of Community Disaster Resilience Workshop Proceedings.

## CONFERENCE PRESENTATIONS

**2019:** 15<sup>th</sup> International Conference of the WEAI, Tokyo, Japan; 58<sup>th</sup> WRSA Annual Meeting, Napa, CA **2018:** 12<sup>th</sup> World Congress of the RSAI, Goa, India (2); 57<sup>th</sup> WRSA Annual Meeting, Pasadena CA; **2017:** W3133 Annual Meeting, Carlsbad, CA; 56<sup>th</sup> WRSA Annual Meeting, Santa Fe, NM; **2015:** SEA Annual Meeting, New Orleans, LA; **2013:** 60th NARSC Annual Meetings, Atlanta, GA; BES Annual Meeting, Baltimore, MD; 6th Annual Midwest Graduate Student CRAE, Columbus, OH; MEA Annual Meeting, Columbus, OH; **2012:** 59th NARSC Annual Meetings, Ottawa, Canada; BES Annual Meeting, Baltimore, MD; Poster Presentation 4th International EcoSummit, Columbus, OH; AAEA Annual Meeting, Seattle, WA; MEA Annual Meeting, Evanston, IL

## INVITED SEMINARS

**2015:** Utah State University, Logan, UT; **2014:** Weber State University, Ogden, UT; Rollins College, Winter Park, FL; University of Wisconsin-Stevens Point, Stevens Point, WI; Weber State University, Ogden, UT; Pitzer College, Claremont, CA; University of Puget Sound, Tacoma, WA; California State Fullerton, Fullerton, CA; **2013:** Denison University, Granville, OH; Ohio University, Athens, OH

## REFEREEING

*Ecological Economics; American Journal of Agricultural Economics; Land Economics; Landscape and Urban Planning, Review of Economics of the Household*

## **GRANTS, HONORS, AND AWARDS**

Presidential Teaching Excellence Award, Weber State University, 2019

Associate Eccles Fellowship, John B. Goddard School of Business and Economics, Weber State University, 2019 - present

Corporate Social Responsibility Research Grant (\$2,000), Center for Corporate Social Responsibility, Weber State University, 2019

Beta Gamma Sigma Honorary Faculty Inductee, 2019

Smith Fellowship, John B. Goddard School of Business and Economics, Weber State University, 2018 – 2019

H<sub>2</sub>Oath Grant (\$2,500), Utah Department of Natural Resources, Division of Water Resources (DWR) and Weber State University, 2018

Alston Excellence in Teaching Award, John B. Goddard School of Business and Economics, Weber State University, 2018

Corporate Social Responsibility Research Grant (\$2,500), Center for Corporate Social Responsibility, Weber State University, 2017

Nominee for Crystal Crest Rodney H. Brady Master Teacher Award, Weber State University, 2016; 2017

Honorary Coach, Weber State University Women's Basketball Team, March, 2016

Best Paper Competition Winner, Midwest Graduate Student CRAE Annual Meeting, "Buried Streams: An Analysis of Regulations and Land Development", 2013

AEDE Best Doctoral Research Manuscript, "A Semi-parametric Analysis of Land Developers and Developer Costs", The Ohio State University, 2011

Susan Huntington Distinguished University Fellowship, The Ohio State University, 2009-2013

Doctoral Fellowship, Ohio Agricultural Research and Development Center, 2011-2012

## **SERVICE**

### *Weber State University*

#### University Service

Environmental Initiatives Committee, 2015 – present

Student Fee Recommendation Committee, 2019 – present

University Water Council, 2018 - present

Faculty Advisor, Chinese Student Association, 2016 – 2018

#### Goddard School of Business and Economics Service

Curriculum Committee, 2015 – 2018  
Website Redesign Committee, 2015 – 2016  
Hiring Committee, Administrative Specialist, 2015

Department of Economics Service  
Hiring Committee, 2016  
Green Team, 2016 – present  
Research Methods Best Paper Competition Committee, 2015 – 2017

*The Ohio State University*

Department of Agricultural, Environmental and Developmental Economics Service  
Ohio Agricultural Research and Development Center SEEDS-Graduate Proposal Panel, 2013  
Ohio Agricultural Research and Development Center – Reviewer for Graduate Student Poster Competition, 2013

## **COURSES TAUGHT**

*Weber State University*

Business Statistics I (QUAN 2600): Fall 2014, Spring 2015, Fall 2015, Spring 2016, Summer 2016, Fall 2016, Spring 2019, Fall 2019  
Environmental Issues and Economic Policy (ECON 1100): Spring 2018  
Principles of Microeconomics (ECON 2010): Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019  
Intermediate Microeconomics (ECON 4010): Fall 2014, Fall 2015  
Mathematical Economics (ECON 4560): Spring 2015, Spring 2016, Spring 2017  
Environmental Economics (ECON 4810): Spring 2018  
Game Theory Independent Study (ECON 4800): Spring 2017  
Introduction to Research Methods (ECON 4970): Fall 2018, Fall 2019

*Shanghai Normal University*

Managerial Economics: Summer 2016

*The Ohio State University*

Sustainability Economy (AEDE 4330) – Co-instructor: Spring 2013  
Economic Development (AEDE 4535) – Fall 2012  
Data Analysis for Business (AEDE 205) – Spring 2012

## **TEACHING PROFESSIONAL DEVELOPMENT**

*Weber State University*

Sustainability Community of Practice 2018-2019  
Sustainability across the Curriculum Workshop, 2017  
Red Rocks Teaching Retreat, 2016  
TLF Trainings: QPR for Suicide Prevention and Safe Zone Training, 2015  
Teaching Economics Conference, Cengage, San Diego, CA, 2014

*The Ohio State University*

Preparing Future Faculty Fellow, 2012 – 2013  
Course Design Institute, University Center for Advancement of Teaching, 2012

## UNDERGRADUATE RESEARCH AND ENGAGEMENT

### *Student Research*

Steven Dabb: 2018.

**Project:** “Localized Environmental Kuznets Curves: A Spatial Panel Analysis among US Counties”

**Details:** Steven was a research assistant that I funded through a Corporate Social Responsibility Research Grant. The research is currently under review at a peer-reviewed journal.

Austin Hanni: 2018 - 2019.

**Project:** “Water Conservation at Weber State University”

**Details:** Austin was a research assistant that I funded through a H<sub>2</sub>Oath Student Research. The research is ongoing and aims to understand and evaluate the potential financial impact from Weber State University’s water conservation efforts.

Kylie Wilson and Steven Dabb: 2017.

**Project:** “The Impact of Air Quality on House Prices: An Investigation into the Actual and Perceived Willingness to Pay for Clean Air”

**Details:** Kylie and Steven were summer research assistants that I funded through the Corporate Social Responsibility Research Grant. The research was accepted and presented at the WRSA Annual Meeting 2018. Steven attended the conference and helped with the presentation.

Myla Anderson, Joseph Boone, Michael Foote, Rex Griffin, Logan Jugler, and William Wadsworth: 2017.

**Project:** “Estimating the Price Elasticity of Demand for Culinary and Irrigation Water”

**Details:** These students worked throughout Spring 2017, conducting literature reviews on culinary and irrigation elasticities and collecting data from a sample of comparable cities in the western United States to estimate both a culinary water price elasticity of demand and an irrigation water price elasticity of demand.

### *Bachelors of Integrated Studies (BIS) Mentor*

Chelsea Grange: 2016-2018. Served as a BIS committee member for Chelsea for her research on “Project Africa” Sustainable Construction and Education in Mozambique”.

## OTHER PROFESSIONAL EXPERIENCE

Community Development Officer, Mennonite Central Committee, Indonesia, 2005-2008  
Mindanao Peacebuilding Institute, Davao City, Philippines, 2008

## PROFESSIONAL ASSOCIATIONS

Agricultural and Applied Economics Association  
American Economic Association  
Western Regional Science Association  
Regional Science Association International  
Midwest Economics Association