

DALIA ADEL GHANEM

CONTACT INFORMATION

Address: Department of Agricultural and Resource Economics
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PROFESSIONAL EXPERIENCE

Assistant Professor, Department of Agricultural and Resource Economics, University of California, Davis
2013-present

EDUCATION

Ph. D. in Economics, University of California, San Diego, 2013
M.Sc. in Econometrics and Mathematical Economics, London School of Economics, 2007
B.A. in Economics and Political Science, American University in Cairo, Egypt, 2003

PUBLICATIONS

“Effortless Perfection: Do Chinese Cities Manipulate Air Pollution Data?” with Junjie Zhang, *Journal of Environmental Economics and Management* (Lead Article), September 2014, 68(2): 203-225.

“Forecasting Conditional Probabilities of Binary Outcomes under Misspecification,” with Graham Elliott and Fabian Krueger, *Review of Economics and Statistics*, October 2016, 98(4): 742–755.

“Testing Identifying Assumptions in Nonseparable Panel Data Models,” *Journal of Econometrics*, April 2017, 197(2), pp. 202-217.

“Stage-specific, Nonlinear Surface Ozone Damage to Rice Production in China” with Colin A. Carter, Xiaomeng Cui, Aijun Ding, Fei Jiang, Fujin Yi, Funing Zhong, *Scientific Reports, Nature Publishing Group*, 7:44224, March 2017.

“Identifying Economic Impacts of Climate Change on Agriculture” (with Colin Carter, Xiaomeng Cui and Pierre Mérel), *Annual Review of Resource Economics*, 10:361-380, October 2018.

WORKING PAPERS

“Testing Attrition Bias in Field Experiments” (with Sarojini Hirshleifer and Karen Ortiz-Becerra) *submitted*

“A James-Stein-type Adjustment to Bias Correction in Nonlinear Panel Data Models” *2nd Revision requested by Econometric Reviews*

“A Censored Maximum Likelihood Approach to Quantifying Manipulation in China’s Air Pollution Data” (with Shu Shen and Junjie Zhang) *1st Revision submitted to the Journal of the Association of Environmental and Resource Economics*.

“On Model Selection Criteria for Climate Change Impact Studies” (with Xiaomeng Cui and Todd Kuffner)

“Causality in Structural Vector Autoregression: Science or Sorcery?” (with Aaron Smith) *1st Revision requested by the American Journal of Agricultural Economics*

“What are the Benefits of High-Frequency Data for Fixed Effects Panel Models?” (with Aaron Smith) *submitted to the Journal of the Association of Environmental and Resource Economics*.

WORK IN PROGRESS

“A Group Random Coefficient Approach to Modeling Heterogeneity in Technology Adoption” (with Oscar Barriga, Travis Lybbert, Jeffrey Michler, Aleksandr Michuda and Emilia Tjernström)

“Estimating the Impact of Climate Change: An Exploration of the Bin Regression Model” (with Richard Carson and Alex Yu)

INVITED DISCUSSIONS

Comment on “Of Quantiles and Expectiles: consistent scoring functions, Choquet representations and forecast rankings,” by Werner Ehm, Tilmann Gneiting, Alexander Jordan, and Fabian Krueger, *Journal of the Royal Statistical Society, Series B*, 78: 505-562, May 2016.

Discussion on "Models as Approximations" by Andreas Buja, Richard Berk, Lawrence Brown, Edward George, Emil Pitkin, Mikhail Traskin, Linda Zhao and Kai Zhang, accepted at *Statistical Science* (discussion co-authored with Todd Kuffner)

GRANTS, FELLOWSHIPS, & AWARDS

Faculty Development Award, University of California, Davis, 2017-2018
Giannini Mini-Grant, Giannini Foundation, 2015-2016
Giannini Mini-Grant (with Colin Carter), Giannini Foundation, 2014-2015
MITRE Visitor, Department of Economics, University of Michigan, June 2014
Summer Research Grant, University of California, San Diego, 2007-2010
Student Travel Award, American Statistical Association, Business and Economics Section, 2010
PJD Wiles Scholarship, London School of Economics, 2006-2007
Graduate Merit Fellowship, American University in Cairo, Egypt, 2003-2004
DAAD-Anrechtsschein (German Student Exchange Service Scholarship), German School in Alexandria, Egypt, 1998

PROFESSIONAL ACTIVITIES

Seminars Duke University (Econometrics 2018), UC San Diego (Environmental Economics F2017, Econometrics F2017), UC Riverside (Econometrics S2015), UC Berkeley (Econometrics 2014), UC Davis (Econometrics W2013, Environmental Economics F2013), UC Santa Barbara (W2013)

Conferences *Presentations:* USC Dornsife Workshop on Panel Forecasting (2019), California Econometrics Conference (2018), Canadian Econometric Study Group (2018), North American Summer Meetings of the Econometric Society (2018), International Association of Applied Econometrics (2018), Agricultural and Applied Economics Association Annual Meeting (2018), USC Dornsife Workshop on Micro-impacts of Climate Change (2017), Workshop on Higher-Order Asymptotics and Post-selection Inference (2017, 2016), California Econometrics Conference (2016), Joint Statistical Meetings (2010), African Econometric Society Meeting (2010)
Discussions: Stanford Workshop on Advances in Estimating Economic Effects from Climate Change Using Weather Observations 2017, USC Applied Econometrics Workshop 2014

Refereeing Econometrics/Statistics: *Biometrika*, *Econometric Reviews*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Econometric Methods*, *Quantitative Economics*
Empirical Economics: *AAEA selected presentations (2014, 2015, 2019)*, *American Journal of Agricultural Economics*, *China Economic Review*, *Ecological Economics*, *Economic Journal*, *Food policy*, *Journal of the American Association of Environmental and Resource Economics*
Other: *Climatic Change*, *Nature Climate Change*, *Nature Sustainability*
Funding Agencies: *National Science Foundation*

TEACHING EXPERIENCE

University of California, Davis
Ph.D. Econometrics III (ARE/ECN240B)
M.S. Applied Econometrics II (ARE 256B)
B.A. Econometrics for Business Decisions (ARE 107)

GRADUATE ADVISING

Co-chair Xiaomeng Cui (2018, Assistant Professor, IESR, Jinan University)
Member Zoe Plakias (2017, Assistant Professor, Ohio State University), Mohamad Alloush (Expected 2019, Assistant Professor, Hamilton College September 2019), Kjersti Nes (Expected 2019), Yolanda Pan (in progress), Aleksandr Michuda (in progress), Hairu Lang (in progress)

UNIVERSITY SERVICE

Department Ph.D. Econometrics Preliminary Exam Committee (2014-present), Undergraduate Curriculum Committee (2015-present), Recruitment Committee (2015-16, 2016-17), ARE Library Restructuring Committee
College Undergraduate Majors and Courses Committee (2015-2018)

OTHER WORK EXPERIENCE

Special Assistant to the Minister, Ministry of Trade and Industry, Egypt, 2004-2006
Research Analyst, Egyptian Center for Economic Studies, Egypt, July 2003-June 2004