

# DALIA ADEL GHANEM

## CONTACT INFORMATION

Address: Department of Agricultural and Resource Economics  
University of California, Davis  
One Shields Avenue, Davis, CA 95616

Email: [dghanem@ucdavis.edu](mailto:dghanem@ucdavis.edu)

Url: <http://are.ucdavis.edu/en/people/faculty/dalia-ghanem/>

## PROFESSIONAL EXPERIENCE

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

## EDUCATION

Ph. D. in Economics, University of California, San Diego, Sept 2007-June 2013  
M.Sc. in Econometrics and Mathematical Economics, London School of Economics, Sept 2006-June 2007  
B.A. in Economics and Political Science, American University in Cairo, Egypt, Sept 1998-Feb 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 Probability 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

“A James-Stein-type Adjustment to Bias Correction in Nonlinear Panel Data Models”

“Quantifying Data Manipulation” (with Shu Shen and Junjie Zhang)

“Uncovering the Heterogeneous Quality of China’s Air Pollution Data” (with Shu Shen and Junjie Zhang)

“Causality in Structural Vector Autoregression: Science or Sorcery?” (with Aaron Smith)

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

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

## 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.

## 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 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*, *Economic Journal*, *Food policy*, *Nature Climate Change*  
Granting 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)

### **OTHER WORK EXPERIENCE**

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