

## JOSHUA W. DEUTSCHMANN

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### EDUCATION

Ph.D. Agricultural & Applied Economics, University of Wisconsin–Madison, Expected 2021  
*Committee:* Laura Schechter (primary advisor), Emilia Tjernström, Brad Barham  
*Fields:* Development, Industrial Organization, Applied Econometrics  
M.A. Economics, Boston University, 2013  
B.A. Economics (Honors Scholar), B.S. Mathematics (In Honors), *Magna Cum Laude*,  
Virginia Polytechnic Institute & State University, 2012

### RESEARCH EXPERIENCE

University of Wisconsin–Madison  
Research Assistant for Emilia Tjernström, 2017–2018  
Research Assistant for Laura Schechter, 2015–2016  
Innovations for Poverty Action, Dakar Urban Sanitation Project  
PIs: Jean–François Houde, Molly Lipscomb, and Laura Schechter, 2013–2016  
Virginia Polytechnic Institute & State University  
Research Assistant for Djavad Salehi–Isfahani, 2012

### PEER–REVIEWED PUBLICATIONS

“The Reform of Energy Subsidies in Iran: The Role of Cash Transfers,” with Djavad Salehi–Isfahani and Bryce Stucki. *Emerging Markets Finance and Trade*, Vol. 51, Issue 6, 2015.

### WORKING PAPERS

Can smallholder extension transform African agriculture? (*NBER Working Paper No. 26054*)  
with Maya Duru, Kim Siegal, and Emilia Tjernström  
Willingness to pay for reliable electricity among households and enterprises in Senegal  
with Agnieszka Postepska and Leopold Sarr

### WORK IN PROGRESS

Pricing complexity and consumer behavior  
with Emilia Tjernström and Jeffrey Michler  
Using market mechanisms to increase the take–up of improved sanitation  
with Jared Gars, Shoshana Griffith, Jean–François Houde, Terence Johnson, Molly Lipscomb, Mbaye Mbeguere, Sarah Nehrling, Laura Schechter, and Siyao Jessica Zhu  
Spillovers without social interactions in urban sanitation

with Molly Lipscomb, Laura Schechter, and Siyao Jessica Zhu

## TECHNICAL REPORTS

The impact of One Acre Fund's small farm program, with Emilia Tjernström

## PRESS COVERAGE

"The Poop Cartel," July 25, 2018: *Planet Money* (Episode 855); July 27, 2018: *All Things Considered* and *Goats and Soda*. NPR

## GRANTS & FELLOWSHIPS

PEDL Capacity Building Grant (2019): *Exploring the structure of maize markets in Burkina Faso*, with Soumaila Gansonre, Louise Guillouet, and Aristide Ouedraogo

CGIAR Research Program on Policies, Institutions, and Markets (2019): *Enhancing returns to technology adoption through independent certification: the case of Aflasafe in Senegal*, with Tahirou Abdoulaye, Tanguy Bernard, Konlambigue Matieyedou, Laura Schechter, and Ouambi Yameogo

Kenneth and Pauline Parsons Graduate Fellowship Fund Research Travel Grant (2019)

UW-Madison AAE Conference Presentation Travel Grants (2018)

UW-Madison / Mellon Foundation Area and International Studies Research Fellowship (2017)

UW-Madison University Fellowship (2015-2016; 2018-2019)

## INVITED SEMINARS

2019 IDinsight Dakar

## CONFERENCE PRESENTATIONS

2019 Midwest International Economic Development Conference; Global Poverty Research Lab Pre-Analysis Plan Mini-Conference

2018 Bay Area Behavioral and Experimental Economics Workshop; IDEAS Summer School in Development (Poster); AAEA Annual Meeting (Organized Symposium); North American ESA Conference

\* planned

## WORKSHOP PARTICIPATION

2019 NBER/African Development Bank: Transforming Rural Africa

2018 PEDL/NYU Abu Dhabi Workshop: The Frontiers of Research in Private Enterprise Development in Low-Income Countries; CEAR/Huebner Summer Risk Institute

## PROFESSIONAL SERVICE

*Referee Service:* African Journal of Agricultural and Resource Economics, Lahore Journal of Economics

*Department Service:* Taylor Hibbard Club President (2016–2017); Graduate Committee Student Representative (2017–2018)

## HONORS & AWARDS

National Merit Scholar

National AP Scholar

Eagle Scout

AAE Taylor Hibbard Club Charitable March Madness Champion (2017, 2019)

## OTHER PROFESSIONAL EXPERIENCE

Independent Consultant [Analysis, Survey Programming, Data Management]

Research Analyst, Vela Environmental [now KCoe Isom] (2010–2012)

Intern, groSolar and Chesapeake Solar [now SolarCity] (2008, 2009)

Intern, Howard County Library IT Department (2005–2008)

## MISCELLANEOUS

*Technical Proficiencies:* Adobe Creative Suite, FrontlineSMS,  $\LaTeX$ , Linux, Matlab, ODK, Python, R, Stata, SurveyCTO, Web Design

*Foreign Languages:* English (native), French (professional proficiency), Portuguese (basic), Wolof (basic)

Last updated: October 28, 2019