

## 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.

### WORK IN PROGRESS

Pricing complexity and consumer behavior

*with* Emilia Tjernström and Jeffrey Michler

Information, credit, and inputs: the impacts and mechanisms of a program to raise small–holder productivity

*with* Maya Duru, Kim Siegal, and Emilia Tjernström

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

Willingness to pay for reliable electricity among households and enterprises in Senegal

*with* Agnieszka Postepska and Leopold Sarr

## 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 Travel 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\*; AAEA Annual Meeting (Selected Presentation)\*; 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

## 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

## 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, ~~La~~TeX, Linux, Matlab, ODK, Python, R, Stata, SurveyCTO, Web Design  
*Foreign Languages:* English (native), French (professional proficiency), Portuguese (basic), Wolof (basic)

Last updated: April 9, 2019