

# Katherine P. Adams

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## EDUCATION

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### **University of California, Davis**

Ph.D., Agricultural and Resource Economics, December 2012

Dissertation: "Three Essays on the Economics of Maternal and Early Childhood Undernutrition: Evidence from a Randomized Controlled Nutrition Trial in Ghana"

Committee: Travis Lybbert, Stephen Boucher, and Stephen Vosti

### **University of Arizona**

M.S., Agricultural and Resource Economics, May 2006

### **University of Puget Sound**

B.S., Computer Science/Business, Magna Cum Laude, May 2001

## PROFESSIONAL AND FIELD EXPERIENCE

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### **Consultant, Alternative Formulations: RUTF Project, (4/2013 – present)**

- Developed country-specific linear programming tools to identify least-cost ready-to-use therapeutic food formulations; prepared manuscripts.

### **Postdoctoral Scholar, University of California, Davis, (12/2012 – present)**

- Supervised by Stephen Vosti, Agricultural and Resource Economics.
- Cleaned and analyzed socioeconomic and anthropometric data from randomized nutrition trial in Ghana; prepared manuscripts; managed graduate students.

### **Graduate Student Researcher, University of California, Davis**

- Supervised by Stephen Vosti, Agricultural and Resource Economics, (09/2008 – 12/2012)
- Designed and pretested socioeconomic questionnaires and SOPs for randomized nutrition trial; trained enumerators and supervised data collection; cleaned and analyzed data; assisted in the development and pretesting of field-based electronic data collection software and questionnaires.
- Supervised by Adela de la Torre, Chicana/o Studies Program, (08/2007-09/2008)
- Conducted empirical analysis of the determinants of condom use among female sex workers on the US/Mexico border.

### **Teaching Assistant, University of California, Davis, (Fall 2006 and Spring 2007)**

- Economic Development (ARE 115), Econometrics (ARE 106).

**Research Assistant, University of Arizona, (08/2004 – 06/2006)**

- Supervised by Bonnie Colby, Agricultural and Resource Economics.
- Analyzed economic arrangements to enhance dry-year water supply reliability and temporary transfers in western US water markets.

**U.S. Peace Corps Volunteer, Ghana, West Africa, (10/2001 – 10/2003)**

PEER REVIEWED PUBLICATIONS

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Ryan, Kelsey, Katherine Adams, Stephen Vosti, M. Isabel Odiz, Elizabeth Cimo, and Mark Manary. Forthcoming. "A Comprehensive Linear Programming Tool to Optimize Formulations of Ready-to-Use Therapeutic Foods: An Application to Ethiopia." *American Journal of Clinical Nutrition*.

de la Torre, Adela, Arthur Havenner, Katherine Adams, and Justin Ng. 2010. "Premium Sex: Factors Influencing the Negotiated Price of Unprotected Sex by Female Sex Workers in Mexico." *Journal of Applied Economics*. XIII(1): 67-90.

BOOK CHAPTERS

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Colby, Bonnie G, Elizabeth Basta, and Katie Adams. 2011. "Negotiated Water Transactions and Climate Change Adaptation." In Colby, Bonnie G. and George Frisvold (Eds), *Adaptation and Resilience: The Economics of Climate, Water, and Energy Challenges in the American Southwest*. Resources for the Future Water Policy Series.

Colby, Bonnie G, Lena Jones, and Katie Adams. 2011. "Economic Tools For Climate Adaptation: Water Transaction Price Negotiations." In Colby, Bonnie G. and George Frisvold (Eds), *Adaptation and Resilience: The Economics of Climate, Water, and Energy Challenges in the American Southwest*. Resources for the Future Water Policy Series.

Colby, Bonnie G., Katie Pittenger Adams, and Dana Smith. 2007. "Water Transactions and Flexibility During Drought." In Colby, Bonnie G and Katharine Jacobs (Eds), *Water Management Innovations for Arid Regions: Arizona Policy and Practice*. Resources for the Future Book Series: Issues in Water Resource Policy.

WORKING PAPERS

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"Intrahousehold Effects of a Targeted Maternal and Child Nutrition Intervention: Household Behavior and Spillovers in Ghana." (Job market paper)

Adams, Katherine, Travis Lybbert, Stephen Vosti, and Emmanuel Ayifah. "Using Experimental Auctions to Estimate Willingness-to-Pay for a New Maternal Nutrient Supplement in Ghana."

Lybbert, Travis, Stephen Vosti, Katherine Adams, and Rosemonde Guissou. "Experimental Markets for Micronutrient Supplements to Prevent Undernutrition: Estimating Household Demand Persistence in Rural Burkina Faso."

## PRESENTATIONS

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Agricultural and Resource Economics Department Development Workshop, UC Davis, 2014 and 2013; Program in International and Community Nutrition, UC Davis, 2014 and 2012; UC Global Health Day Conference, 2014; Freedom from Hunger, 2012; AAEA Annual Meeting, 2011; Giannini Agricultural and Resource Economics Student Conference, 2011; Southern Economic Association Annual Conference, 2008.

## AWARDS AND FELLOWSHIPS

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- Jastro-Shields Research Grant, University of California, Davis, 2008-2009 & 2009-2010.
- Block Grant Fellowship, University of California, Davis, Winter 2006.
- Ray E. Cowden Scholarship for Outstanding Graduate Performance in Agricultural and Resource Economics, University of Arizona, 2005.
- Award for Outstanding Accomplishment in Computer Science/Business, University of Puget Sound, 2001.
- Edward G. Goman Memorial Scholarship for Academic Success in Mathematics and Computer Science, University of Puget Sound, 2000.

## COMPUTER SKILLS

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- Proficient in Stata and Microsoft Office Suite
- Experience with VBA, GAMS, SAS, ArcGIS, and R

## REFERENCES

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Travis J. Lybbert  
University of California, Davis  
Agricultural and Resource Economics  
2155 Social Sciences and Humanities  
530-554-1393  
[tlybbert@ucdavis.edu](mailto:tlybbert@ucdavis.edu)

Stephen A. Vosti  
University of California, Davis  
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2135 Social Sciences and Humanities  
530-752-8097  
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Kathryn G. Dewey  
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Program in International and Community Development  
3253C Meyer Hall  
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