

# Zachary Wagner

University of California Berkeley, 50 University Hall, Berkeley, CA 94720-7360

Phone: (541) 517-3447, e-mail: zwagner@berkeley.edu

---

## EDUCATION:

Ph.D., Health Policy (Economics Track), UC Berkeley, 2017 (Expected)

M.I.A., International Development, UC San Diego, 2010

B.A., Psychology, University of Oregon, 2005

## RESEARCH FIELDS:

**Global Health Economics:** Treatment of Child Diarrhea, HIV/AIDS Prevention and Treatment, Health Insurance for the Poor, Behavioral Economics, and Private Sector Healthcare

**US Health Economics:** HIV Testing Behavior, Consumer Directed Health Plans, and Price Shopping for Health Services

## PROFESSIONAL EXPERIENCE:

2016 – Present: Contract Data Scientist, Castlight Health, San Francisco, CA

2012 – Present: Research Analyst (STC), World Bank

2015 – Present: Research Assistant for William H. Dow, UC Berkeley, CA

2010 – 2014: Researcher Analyst, Schaeffer Center for Health Policy and Economics, University of Southern California, Los Angeles, CA

2011 – 2014: Long Term Visitor, RAND Corporation, Santa Monica, CA

2014 – 2014: Research Assistant for Edward Miguel, UC Berkeley, CA

2011 – 2014: Independent Statistical Consultant, San Francisco, CA

2012 – 2013: Research Assistant, National Bureau of Economic Research, Los Angeles, CA

2012 – 2012: Survey Research Analyst, Euromonitor International, Los Angeles, CA

2010 – 2010: Microfinance Project Manager, Warm Heart International, Phrao, Thailand

2009 – 2010: Research Assistant for Craig McIntosh, School of International Relations and Pacific Studies, UC San Diego, CA

2009 – 2010: Consultant, Inter-American Development Bank, San Diego, CA

2009 – 2010: Consultant, Strategic Community Consulting, San Diego, CA

## PEER REVIEWED PUBLICATIONS AND WORKING PAPERS:

1. **Zachary Wagner**, Erick Gong, Damien de Walque, William H. Dow (2016). "The Impact of Positive Income Shocks on Risky Sexual Behavior: Experimental Evidence from Tanzania". *Aids and Behavior*.
2. Emmanuel Drabo, Joel Hay, Raffaele Vardavas, **Zachary Wagner**, and Neeraj Sood (2016). "A Cost-Effectiveness Analysis Of Pre-Exposure Prophylaxis For The Prevention Of HIV Among Los Angeles County Men Who Have Sex With Men". *Clinical Infectious Disease*.
3. Neeraj Sood, **Zachary Wagner**, and Adeline Delevande (2016). "Repeat HIV Testing and Risky Sexual Behavior: A Randomized Controlled Trial in Zomba, Malawi." *Journal of Aids & Clinical Research*.
4. Neeraj Sood and **Zachary Wagner** (2015). "The Impact of Health Insurance for Tertiary Care on Postoperative Outcomes and Seeking Care for Symptoms: Quasi-Experimental Evidence From Karnataka, India". *BMJ Open*.
5. Peter Huckfeldt, Amelia Haviland, Ateev Mehrotra, **Zachary Wagner**, and Neeraj Sood (2015). "Patient Responses to Incentives in Consumer-directed Health Plans: Evidence from Pharmaceuticals". NBER Working Paper No. 20927.

6. **Zachary Wagner**, Jeremy Barofsky, and Neeraj Sood (2015). "PEPFAR Funding Associated With An Increase In Employment Among Males in Ten Sub-Saharan African Countries." *Health Affairs*.
7. Neeraj Sood, **Zachary Wagner**, and Yanu Wu (2015). "The Impact of Insurance on HIV Testing." *American Journal of Health Economics*.
8. **Zachary Wagner**, Manan Shah, and Neeraj Sood (2014). "Barriers To Use Of Oral Rehydration Salts For Child Diarrhea In The Private Sector: Evidence From India." *Journal of Tropical Pediatrics*.
9. Neeraj Sood, Eran Bendavid, Arnab Mukherji, **Zachary Wagner**, Somil Nagpal, and Patrick Mullen (2014). "Government health insurance for people below poverty line in India: quasi-experimental evaluation of insurance and health outcomes." *BMJ*.
10. **Zachary Wagner**, Peter G. Szilagyi, and Neeraj Sood (2014). "Comparative Performance of Public and Private Sector Delivery of BCG Vaccination: Evidence From Sub-Saharan Africa." *Vaccine*.
11. **Zachary Wagner**, Yanyu Wu, and Neeraj Sood (2014). "The Affordable Care Act May Increase The Number Of People Getting Tested For HIV By Nearly 500,000 By 2017." *Health Affairs*.
12. Neeraj Sood and **Zachary Wagner** (2014). "Private Sector Provision of Oral Rehydration Therapy for Child Diarrhea in Sub-Saharan Africa." *American Journal of Tropical Medicine and Hygiene*.
13. Neeraj Sood, **Zachary Wagner**, Peter Huckfeldt, and Amelia Haviland (2013). "Price Shopping in Consumer-Directed Health Plans." *Forum for Health Economics and Policy*.
14. Neeraj Sood, **Zachary Wagner**, Amber Jaycocks, Emmanuel Drabo, and Raffaele Vardavas (2013). "Test and Treat in Los Angeles: A mathematical model of the effects of test-and-treat for the MSM population in LA County." *Clinical Infectious Disease*.
15. Neeraj Sood, **Zachary Wagner**, Amber Jaycocks, Emmanuel Drabo, and Raffaele Vardavas (2013). "Reply to Gonzalez-Serna et al." *Clinical Infectious Disease*.
16. Neeraj Sood and **Zachary Wagner** (2012). "For-profit sector immunization service provision in Kenya: does low provision create a barrier to take-up?" *Health Policy and Planning*.

#### UNPUBLISHED MANUSCRIPTS:

1. Neeraj Sood, Xinke Zhang, **Zachary Wagner**, Ateev Mehrotra, Peter Huckfeldt, and Amelia Haviland. "Does Enrollment in High Deductible Health Plans Encourage Price Shopping for Physician Office Visits?" Submitted.
2. **Zachary Wagner**, Katrina Kubicek, Michele Kipke, and Neeraj Sood. "A New Approach to Resource Allocation for HIV Testing Programs".
3. Jeremy Barofsky, **Zachary Wagner**, and Neeraj Sood. "The Impact of ART Scale-Up on Labor Force Participation in Malawi." Accepted for Oral Presentation at International Health Economics Association (iHEA) World Congress in Sydney, Australia, 2013.

#### WORK IN PROGRESS:

1. Assessing the Impact of Home Delivery of ORS and Zinc by Community Health Workers On Use of ORS and Zinc to Treat Child Diarrhea: A Randomized Controlled Trial In Rural Uganda (With William H. Dow, David I. Levine, and John Bosco Asiimwe)
2. A Cost-Effectiveness Analysis Of Different Approaches to Offering HIV Screening Services In Emergency Departments (With William H. Dow, Juan Carlos Montoy, and Emmanuel Drabo)

3. Assessing the Impact of Nutritional Supplements to Pregnant Women, Adolescent Girls, Mothers, and Children on Maternal and Child Health Outcomes (With Arnab Mukherji, Neeraj Sood, and Divya Rajaraman)

#### **PAPER PRESENTATIONS AND CONFERENCES:**

1. East African Social Science Translation (EASST) Symposium, 2015, UC Berkeley
2. EASST Evidence Summit, 2015, Nairobi, Kenya
3. The Affordable Care Act And the Future Of HIV / AIDS In America, 2014 (invited for oral presentation), National Press Club, Washington D.C.
4. Conference of the American Society of Health Economists (ASHEcon), 2014 (oral presentation of 2 papers, 3 papers presented by co-authors), Los Angeles, CA
5. Academy Health Annual Research Meeting, 2013 (oral presentation), Baltimore, MD
6. International Health Economics Association (iHEA) World Congress, 2013 (presented 2 papers, and 2 papers presented by coauthors), Sydney, Australia

#### **JOURNAL REFEREE EXPERIENCE:**

1. BMJ (2)
2. Health Affairs
3. American Journal of Public Health
4. Academic Pediatrics
5. Forum for Health Economics and Policy (2)
6. Aids and Behavior

#### **MEDIA APPEARANCES:**

1. My work on the impact of PEPFAR on Employment Outcomes in Sub-Saharan Africa was covered by *Vox*
2. My work highlighting under-use of oral rehydration therapy for child diarrhea in the private sector in Sub-Saharan Africa was feature in:

**Print Articles:** *JAMA News, Humanosphere, Inter Press Service, Voice of America* and 10 other sources

**Radio Interviews:** *Voice of America, SABC Channel Africa Radio, and Radio France International.*

3. My research on how the Affordable Care Act will affect HIV testing rates was featured in *MSNBC, Health Affairs Blog, Healthcare Professionals Network, and NyMedicin.*
4. My research that models the effects of the test and treat strategy for HIV prevention in Los Angeles County was featured in the *Los Angeles Times.*
5. My research on price shopping in consumer directed health plans was featured in *Health Finance News.*

**AWARDS AND FELLOWSHIPS:**

1. Nation Institute of Aging Training Fellowship (2014-2016)
2. Health Affairs Editor-in-Chief top 10 Articles of 2015

**RESEARCH GRANTS:**

1. Principle Investigator, Weiss Family Program Fund, "Utilizing Community Health Workers to Increase Use of ORS and Zinc to Treat Child Diarrhea: A Cluster Randomized Controlled Trial in Uganda", 2016-2018, (\$35,667)
2. Co-Investigator, EASST 2015 Research Grant Competition, "Working with Village Health Teams to Increase ORS Use in Uganda: A Randomized Controlled Trial", 2015-2017, PIs: William H. Dow and David I. Levine (\$48,678)

**TEACHING EXPERIENCE:**

1. UC Berkeley, School of Public Health: Analytical Methods For Health Policy Research (Graduate Student Instructor)
2. Uganda Christian University, Kampala, Department of Sociology: Seminar on Impact Evaluation of Social Programs
3. Makerere University, Department of Statistics, Kampala, Uganda: Seminar on Impact Evaluation of Social Programs
4. Universidad Nacional de Colombia, Bogota, School of Public Health: Seminar on Budget Impact Analysis in Health Care Settings.

**SKILLS:**

1. Programming Languages: Stata, R, TreeAge, ArcGIS, LaTeX
2. Languages: English (Native), Spanish (Advanced), Luganda (Greetings)