

JESSICA D. ROTHSTEIN, PhD, MSPH

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University of Illinois at Chicago, School of Public Health, Community Health Sciences

EDUCATION

- 2018 **PhD**, Johns Hopkins Bloomberg School of Public Health
Department of International Health, Social and Behavioral Interventions Program
Dissertation: Formula Use Among Young Infants in Peri-Urban Peru: Determinants, Repercussions, and Opportunities for Intervention
- 2014 **MSPH**, Johns Hopkins Bloomberg School of Public Health
Department of International Health, Social and Behavioral Interventions Program
- 2008 **BA**, Anthropology, Washington University in St. Louis
Senior Honors Thesis: Primary Health Care: The Rise, Downfall, and Unmet Promises of an Ideal Vision

PROFESSIONAL EXPERIENCE

- 2021-present **Clinical Assistant Professor**
Division of Community Health Sciences, School of Public Health
University of Illinois at Chicago
- 2018-present **Associate**
Department of International Health
Johns Hopkins Bloomberg School of Public Health
- 2020-2021 **Postdoctoral Fellow**
School of Nursing
Northern Illinois University
- 2017-2019 **Research Manager**
RISE Project, Mtwara, Tanzania
Helen Keller International
- 2014-2015 **Consultant**
Department of Reproductive Health and Research
World Health Organization
- 2013 **Graduate Student Researcher**
Malnutrition & Enteric Diseases (MALED) Study, Iquitos, Peru
Johns Hopkins Bloomberg School of Public Health
- 2012-2013 **Project Coordinator**
Eat Right, Live Well intervention, Baltimore, MD
Johns Hopkins Bloomberg School of Public Health
- 2011-2012 **Project Assistant**
HOPE Collaborative, Oakland, CA
- 2008-2010 **Patient Navigator; Research Assistant**
Boston Medical Center, Boston, MA

HONORS AND AWARDS

Bernard H. Baum Golden Apple Award Honorable Mention, UIC School of Public Health, 2022

Discovery Award, Office of the Provost, Johns Hopkins University, 2018

Dissertation Enhancement Award, Center for Qualitative Studies in Health and Medicine, Johns Hopkins School of Public Health, 2016-2017

Student Travel Grant, Center for Global Health, Johns Hopkins Bloomberg School of Public Health, 2013

John W. Bennett Prize to the Outstanding Graduating Senior in Anthropology, Washington University in St. Louis, 2008

FELLOWSHIPS

Fulbright-Fogarty Fellowship (Lima, Peru), Fulbright Scholar Program, 2016-2017

Procter & Gamble Pre-doctoral Fellowship, Procter & Gamble, 2016-2017

Environment, Energy, Sustainability & Health Institute (E2SHI) Fellowship (Iquitos, Peru), Johns Hopkins Bloomberg School of Public Health, 2015-2016

SCHOLARLY ACTIVITY

Peer-reviewed Articles

Rothstein JD, Klemm R, Kang Y, Niyeha D, Smith E, Nordhagen S. Engaging men in maternal, infant, and young child nutrition in rural Tanzania: Outcomes from a cluster randomized control trial and qualitative study. *Maternal & Child Nutrition* 2023;19:e13460. doi: 10.1111/mcn.13460.

Caplan S, **Rothstein JD**, Comas CEV, Lovera AS. Comparison of Patient Versus Trained Observer Assessments of Healthcare Providers' Use of Motivational Interviewing Techniques for Patients Experiencing Depression and Anxiety in the Dominican Republic. *Journal of Clinical Psychology in Medical Settings* 2021 Jun 18:1-14. doi: 10.1007/s10880-021-09781-5.

Rothstein JD, Winch PJ, Pachas J, Cabrera LZ, Ochoa MP, Caulfield LE. Vulnerable families and costly formula: a qualitative exploration of infant formula purchasing among peri-urban Peruvian households. *International Breastfeeding Journal* 2021;16:11. doi: 10.1186/s13006-021-00356-6.

Rothstein JD, Buckland AJ, Gagnier K, Ochoa M, Allen-Valley A, Jivapong B, Cabrera LZ, Leontsini E, Fisher KR. Assessing the play and learning environments of children under two years in peri-urban Lima, Peru: A formative research study. *BMC Public Health* 2021;21:108. doi: 10.1186/s12889-020-10119-3.

Rothstein JD, Klemm R, Niyeha D, Smith E, Nordhagen S. Assessing the challenges to women's access and implementation of text messages for nutrition behavior change in rural Tanzania. *Public Health Nutrition* 2020, 1-14. doi:10.1017/S1368980020003742

Rothstein JD, Caulfield LE, Broaddus ET, Muschelli J, Gilman RH, Winch PJ. "The doctor said formula would help me": Health sector influences on use of infant formula in peri-urban Lima, Peru. *Social Science and Medicine* 2020 Jan;244:112324. doi: 10.1016/j.socscimed.2019.05.029.

- *Editorial*: Perez-Escamilla R. Breastfeeding in the 21st century: How we can make it work. *Social Science and Medicine* 2020 Jan;244:112231. doi: 10.1016/j.socscimed.2019.05.036.

- *Media coverage:* “Companies pushed baby formula in Peru despite ban,” June 10, 2019. Published in *The New York Times*, *The Washington Post*, and over 30 other publications.

Rothstein JD, Mendoza AL, Cabrera LZ, Pachas J, Calderón M, Pajuelo MJ, Caulfield LE, Winch PJ, Gilman RH. Household contamination of baby bottles and opportunities to improve bottle hygiene in peri-urban Lima, Peru. *American Journal of Tropical Medicine and Hygiene* 2019 Apr;100(4):988-997. doi: 10.4269/ajtmh.18-0301.

Ambikapathi R, **Rothstein JD**, Yori PP, Olortegui MP, Lee G, Kosek M, Caulfield LE. Food purchase patterns indicative of household food access insecurity, children’s dietary diversity and intake, and nutritional status using a newly developed and validated tool in the Peruvian Amazon. *Food Security* 2018; 10(4):999-1011.

Rothstein JD, Jennings L, Moorthy A, Yang F, Gee L, Romano K, Hutchful D, Labrique AB, LeFevre AE. Qualitative Assessment of the Feasibility, Usability, and Acceptability of a Mobile Client Data App for Community-Based Maternal, Neonatal, and Child Care in Rural Ghana. *International Journal of Telemedicine and Applications* 2016; 2515420.

Lee RM, **Rothstein JD**, Gergen J, Zachary DA, Smith JC, Palmer AM, Gittelsohn J, Surkan PJ. Process Evaluation of a Comprehensive Supermarket Intervention in a Low-Income Baltimore Community. *Health Promotion Practice* 2015; 16(6):849-58.

Rothstein JD, Leontsini E, Olortegui MP, Yori PP, Surkan PJ, Kosek M. Determinants of Caregivers’ Use and Adoption of Household Water Chlorination: A Qualitative Study with Peri-Urban Communities in the Peruvian Amazon. *American Journal of Tropical Medicine and Hygiene* 2015; 93(3):626-35.

Phillips CE, **Rothstein JD**, Beaver K, Sherman BJ, Freund KM, Battaglia TA. Patient Navigation to Increase Mammography Screening Among Inner City Women. *Journal of General Internal Medicine* 2010; 26(2):123-9.

Reports

World Health Organization (WHO). The MAPS Toolkit: mHealth Assessment and Planning for Scale. Geneva, Switzerland: WHO, 2015. Available at: <http://www.who.int/reproductivehealth/topics/mhealth/maps-toolkit/en/>

Oral Presentations

Rothstein JD, Ochoa M. “Estimulación del desarrollo infantil temprano mediante la relación cuidador-niño: Desarrollo de una intervención en Villa El Salvador.” Presented at A.B. PRISMA, Lima, Peru, 2020.

Rothstein JD, Nordhagen S, Klemm R. “From Message to Action: Assessing the Functionality of SMS for Nutrition in Tanzania.” Accepted for oral presentation at the Micronutrient Forum, Bangkok, Thailand, 2020.

Rothstein JD. “Alimentación Infantil en Villa El Salvador.” Presented at the Ministry of Health, Lima, Peru, 2017.

Rothstein JD. “The MAPS Toolkit: What’s Inside?” Presented at the Global mHealth Forum, Washington, D.C., 2015.

Conference Posters

Rothstein JD, Moore-Otsby L, Bonsack C, Edwards J, Yamamie K, Patterson JA. “Patient perspectives on the implementation of a Breastfeeding Support Model within a health network serving low-income patients in the midwestern U.S.” Presented virtually at the American Public Health Association Annual Meeting, 2021.

Patterson JA, Moore-Otsby L, Bonsack C, Edwards J, **Rothstein JD**, Woelky K, Keuler NS, Yamamie K. “Improving breastfeeding support within a Federally Qualified Health Center through a community research partnership.” Presented virtually at the American Public Health Association Annual Meeting, 2021.

Rothstein JD, Buckland A, Fisher K, Gagnier K, Cabrera LZ, Ochoa MP, Leontsini E. “Formative Research for a Play- and Music-Based Early Child Development Intervention in Peri-urban Peru.” Presented at the American Public Health Association Annual Meeting, Philadelphia, PA, 2019.

Rothstein JD, Mendoza AL, Cabrera LZ, Pachas J, Calderon M, Winch PJ, Gilman RH. “Contamination of Baby Bottles and Feasibility of Improving Bottle Hygiene in Peri-urban Peru.” Presented at the American Society of Tropical Medicine and Hygiene Annual Meeting, Baltimore, MD, 2017.

Rothstein JD, Chow SJ, Liguori K, Kosek M, Winch PJ. “Evaluation of Community-Derived Ecological Sanitation in the Peruvian Amazon.” Presented at the American Society of Tropical Medicine and Hygiene Annual Meeting, Baltimore, MD, 2017.

Rothstein JD. “Determinants of the Adoption of Household Water Treatment: A Qualitative Study in the Peruvian Amazon.” Presented at Johns Hopkins Global Health Day, Baltimore, MD, 2013. First place winner.

FUNDED RESEARCH

Role: Principal Investigator

Project: Adaptation and Implementation of a Responsive Parenting Intervention for Latinx Families in Chicago

Source: Seed Funding, Policy, Practice, and Prevention Research Center (P3RC), University of Illinois at Chicago School of Public Health (2022-2023)

Role: Principal Investigator

Project: Exploring the Nutritional Impact of the Covid-19 Pandemic on Young Children in Peri-urban Peru: A Mixed Methods Study

Source: Seed Funding, Global Health Program, University of Illinois at Chicago School of Public Health (2021-2022)

Role: Co-Investigator

Project: Evaluation of the Illinois Breast and Cervical Cancer Program (PI: Arden Handler)

Source: Centers for Disease Control and Prevention; Sub-contract from Illinois Department of Public Health (2022-2027)

Role: Principal Investigator

Project: Improving Early Child Development Through the Integration of Safe Play and Song-Based Learning: Intervention Development

Source: Discovery Award, Office of the Provost, Johns Hopkins University (2018-2019)

Role: Co-Investigator

Project: Improving Early Child Development Through the Integration of Safe Play and Song-Based Learning: Needs Assessment (PI: Elli Leontsini)

Source: Healthier World Challenge Planning Grant, Alliance for a Healthier World, Johns Hopkins Bloomberg School of Public Health (2017-2018)

Role: Student Investigator

Project: Exploring the Behavioral Determinants of Ecological Sanitation

Source: Environment, Energy, Sustainability & Health Institute, Johns Hopkins Bloomberg School of Public Health

TEACHING ACTIVITY

Graduate Level Courses

Fall 21, 22 **Instructor**, *IPHS 401: Determinants of Population Health*
University of Illinois at Chicago School of Public Health

Spring 22, 23 **Instructor**, *IPHS 403: Public Health Systems, Community Health Methods, and Management*
University of Illinois at Chicago School of Public Health

- Spring 20 **Instructor**, *Social and Behavioral Interventions Program Seminar: Intervention Case Studies*
Johns Hopkins Bloomberg School of Public Health
- Spring 15 **Teaching Assistant**, *Qualitative Data Analysis; Qualitative Research Theory and Methods*
Johns Hopkins Bloomberg School of Public Health
- Fall 13, 15 **Teaching Assistant**, *Health Behavior Change at the Individual, Household, and Community Levels*
Johns Hopkins Bloomberg School of Public Health

Guest Lectures

- Oct 21 *Global Health and Infant Nutrition Practices in Peru*; Invited lecture for the Division of Epidemiology and Biostatistics Seminar, University of Illinois at Chicago School of Public Health
- Jun 21 *Breastfeeding and Global Health*; Course title: “Global Perspectives on Public Health,” University of San Francisco
- Jul 21 *Intervenciones Educativas para la Salud*; Course title: “Introducción a Salud Pública,” Universidad Peruana Cayetano Heredia (Lima, Peru)
- Oct 19 *Interpersonal Counseling*; Course title: “Health Behavior Change at the Individual, Household, and Community Levels,” Johns Hopkins Bloomberg School of Public Health
- Nov 18 *Water, Sanitation, and Hygiene Behaviors*; Course title: “Health Behavior Change at the Individual, Household, and Community Levels,” Johns Hopkins Bloomberg School of Public Health
- Jul 17 *Health Behavior Change and Enteric Diseases*; Tropical Medicine Institute, Johns Hopkins Bloomberg School of Public Health

Mentorship

- 2021-present Academic Advisor for 11 MPH students, University of Illinois at Chicago
- 2021-present Applied Practice Experience (APE) advisor for >50 students, University of Illinois at Chicago
- 2022-present Supervisor for 4 Graduate Research Assistants, University of Illinois at Chicago
- 2022-present Academic Advisor for Schweitzer Fellow, University of Illinois at Chicago
- 2021-present Capstone Advisor for 2 MSPH students, Johns Hopkins Bloomberg School of Public Health
- 2016-2018 Field Practicum Advisor for 3 MSPH students (Lima, Peru), Johns Hopkins Bloomberg School of Public Health

SERVICE ACTIVITY

School of Public Health

- Chair**, MPH Admissions Committee, Division of Community Health Sciences (2021-present)
Member, Global Health Committee (2021-present)
Member, IPHS 401 and IPHS 403 sub-committees of the Integrated Core Assessment Committee (2023)
Poster Reviewer, UIC Research and Scholarship Week (2022-2023)

University of Illinois at Chicago

Abstract Reviewer, Minority Health Conference (2023)

Member, Child and Adolescent Health Research Consortium (2022-present)

Professional Service

Reviewer for academic journals:

Maternal and Child Nutrition

Public Health Nutrition

PLOS ONE

Health Promotion Practice

American Journal of Tropical Medicine and Hygiene

International Health

Journal of Medical Internet Research

Member, American Public Health Association

PROFESSIONAL DEVELOPMENT

Education and training

- Ongoing Quality Improvement in Teaching, UIC Center for the Advancement of Teaching Excellence (2023)
- Faculty Summer Institute, University of Illinois (2022)
- Technology of Participation Facilitation Methods (2011)

Technical skills: Stata, Atlas.ti, Dedoose, Microsoft Office Suite, Open Data Kit, Qualtrics

Language Skills: Fluent in Spanish