

# RESHMA ROSHANIA, PHD MPH

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## EDUCATION

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- August 2021**      **Doctor of Philosophy, Nutrition and Health Sciences**  
Laney Graduate School, Emory University, Atlanta, GA  
Dissertation: *Circular migration and child nutrition: a study among families who seasonally migrate to the brick kilns of Bihar, India* (Advisor: Usha Ramakrishnan, PhD)
- May 2007**      **Master of Public Health, Behavioral Sciences and Health Education**  
Rollins School of Public Health, Emory University, Atlanta, GA  
Thesis: *Dietary change among immigrants to the United States*
- May 2003**      **Bachelor of Arts, Anthropology, South Asian Studies**  
Rutgers College, Rutgers University, New Brunswick, NJ
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## EXPERIENCE

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- January 2023 – Present**      **Post-Doctoral Fellow**  
**National Council of Applied Economic Research, New Delhi**
- August 2021 – December 2022**      **Independent Research Consultant**  
Led research design, analyses, and manuscript preparation for organizations including CARE India and London School of Hygiene & Tropical Medicine.
- December 2016 – August 2021**      **Graduate Student Researcher**  
**Emory University, Atlanta, GA**  
Conducted primary mixed methods research among circular migrant families in Bihar, India on food environments, food security, and child nutrition and diets. Adapted and validated the Women’s Empowerment in Agriculture Index for the livestock sector as a component of the TATA-Cornell Institute’s Technical Assistance and Research for Indian Nutrition and Agriculture (TARINA) program.
- December 2014 - July 2016**      **Research, Monitoring and Evaluation Officer, Technical Unit**  
**International Medical Corps, Washington, DC**  
Provided technical assistance on development and implementation of monitoring and evaluation systems in disaster-affected contexts, including Feed the Future and Food for Peace programs in Sierra Leone and Ethiopia. Served as the regional M&E lead in West Africa during the 2014 Ebola outbreak, and conducted data analyses using Ebola response programmatic data for publication.
- July 2013 - December 2014**      **Evaluation Officer, Maternal Child Health and Nutrition**  
**PATH, Washington, DC**  
Served as the technical lead of the Nutrition Embedding Evaluation Programme (NEEP), a DFID funded project designed to build the nutrition evidence base by supporting civil society organizations in conducting impact evaluations of their maternal and child nutrition interventions.
- September 2011 - October 2012**      **Associate Researcher, Research and Metrics**  
**Population Services International, Washington, DC**  
Conducted systematic review of evidence on social marketing programming to improve health behavior. Developed e-learning course to build capacity on research methods and data analysis.
- April 2010 - April 2011**      **Research Fellow, Asia Regional Office**  
**International Center for Research on Women, New Delhi, India**  
Conceptualized and wrote global evaluation framework for Gap Inc.’s PACE program for empowerment of female workers in the garment industry in South and Southeast Asia.

- August 2008 - April 2010**      **Policy and Program Research Coordinator, Saving Newborn Lives Save the Children, Washington, DC**  
Managed international newborn health research portfolio of more than thirty studies in eighteen countries. Coordinated Technical Advisory Group of a simplified antibiotic efficacy trial to reduce newborn sepsis in South Asia.
- June 2007 - August 2008**      **Research Assistant, Nutrition Division Emory University, Atlanta, GA**  
Performed quantitative analyses of secondary data and published manuscript on obesity risk and dietary change among immigrants in the United States.

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## PUBLICATIONS

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1. **Roshania RP**, Girard AW, Srikantiah S, Young MF, Mahapatra T, Ramakrishnan U. Food environments, food security and household food availability of circular migrant families: a mixed methods study among brick kiln laborers in Bihar, India. *Forthcoming in Food and Nutrition Bulletin*
2. **Roshania RP**, Giri R, Cunningham SA, Young MF, Girard AW, Das A, Mala GS, Srikantiah S, Mahapatra T, Ramakrishnan U. Early life migration and undernutrition among circular migrant children: an observational study in the brick kilns of Bihar, India. *Journal of Global Health*. 2022;12.
3. **Roshania RP**, Mehta RV, Shete A, Bingewar R, Kulkarni S, Mahajan A, Miller G, Tarozzi A, Martorell R. Agreement between dried blood spots and HemoCue in Tamil Nadu, India. *Scientific Reports* 2021;11(1):9285.
4. **Roshania R**, Mallow M, Dunbar N, et al. Successful implementation of a multicountry clinical surveillance and data collection system for Ebola Virus Disease in West Africa: Findings and lessons learned. *Global Health, Science and Practice*. 2016;4(3):394-409.
5. Skrable K, **Roshania R**, Mallow M, Wolfman V, Siakor M, Levine AC. The natural history of acute Ebola Virus Disease among patients managed in five Ebola treatment units in West Africa: A retrospective cohort study. *PLoS Neglected Tropical Diseases* 2017;11(7):e0005700.
6. Weissbecker I, **Roshania R**, Cavallera V, Mallow M, Leichner A, Antigua J, Gao J, Levine AC. Integrating psychosocial support at Ebola treatment units in Sierra Leone and Liberia. *Intervention* 2018;16(2):69-78.
7. Henwood PC, Bebell LM, **Roshania R**, Wolfman V, Mallow M, Kalyanpur A, Levine AC; Ebola Virus Disease and pregnancy: a retrospective cohort study of patients managed at 5 Ebola treatment units in West Africa. *Clinical Infectious Diseases* 2017;65(2):292-9.
8. **Roshania R**, Narayan KM, Oza-Frank R. Age at arrival and risk of obesity among US immigrants. *Obesity*. 2008 Dec;16(12):2669-75.

### *Manuscripts under review*

9. **Roshania RP**, Yates J, McIntyre L, et al. Assessing needs for interdisciplinarity in agriculture, nutrition, and health education.

### *Manuscripts in preparation*

10. **Roshania RP**, Cunningham SA, Das A, Bag T, Giri R, Young MF, Srikantiah S, Mahapatra T, Ramakrishnan U. Circular migration and child nutrition: a comparison of children from family circular migrant, male migrant, and non-migrant households in Bihar, India.
11. Das A, **Roshania RP**, Mala GS, et al. The incidence of moderate and severe acute malnutrition among children under five in Bihar, India: A cohort study.
12. Das A, **Roshania RP**, Mala GS, et al. Predictors of severe acute malnutrition incidence among children under five in Bihar, India: a longitudinal cohort study.

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## PRESENTATIONS

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1. Circular migration and child nutrition: a comparison of children from family circular migrant, male migrant, and non-migrant households in Bihar, India. Oral presentation at *International Population Conference 2021*. International Union for the Scientific Study of Population, December 2021.
2. Comparison of capillary hemoglobin measurement by dried blood spots and Hemocue. Poster presentation at *Connected 2020*. Micronutrient Forum, November 2020.
3. The effects of early and repeat migration on undernutrition among circular migrant children in Bihar. Oral presentation at *Delivering for Nutrition in India: Insights from Implementation Research*. International Food Policy Research Institute, September 2020.
4. Food environments and child nutrition among circular migrant families working in the brick kilns of Bihar, India. Oral presentation at *Agriculture, Nutrition and Health Academy Week*. June 2019, Hyderabad, India.
5. Child nutrition among circular migrant families working in the brick kilns of Bihar, India. Poster presentation at *Nutrition 2019*. American Society for Nutrition. June 2019, Baltimore, MD.
6. Implementation of a multi-country response to the Ebola Virus Disease epidemic in West Africa: Lessons from the field. Oral presentation at *American Society of Tropical Medicine and Hygiene Annual Conference*. November 2016, Atlanta, GA.

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## TEACHING

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### *Courses*

Teaching Assistant, Food Policy, Spring 2019, Emory University, Atlanta, GA.

Teaching Assistant, Global Elimination of Micronutrient Malnutrition, Fall 2018, Emory University, Atlanta, GA.

### *Guest lectures*

'Migration narrative in India' (with Chetan Choithani), New York University, Department of Media, Culture and Communication. Narrating Migration undergraduate seminar. November 4, 2020.

'Migrant policy in India during Covid-19', Panel member, Ramaiah Public Policy Center, August 7, 2020.

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## ADDITIONAL INFORMATION

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<b>Languages</b>	English (Native); Hindi (Fluent); French (Basic)
<b>Data Analysis Programs</b>	SAS, R, MAXQDA
<b>Work Authorization</b>	United States; India