SHAON LAHIRI

On the Job Market for Fall 2022.

I am currently finishing up my PhD in Social and Behavioral Sciences in Public Health at the Milken Institute School of Public Health, George Washington University.

I am interested in academic or applied research positions situated in the field of health behavior change with an emphasis on rigorous quantitative methodology. I am particularly committed to interdisciplinarity and research transparency.

Main Areas of Interest

- The social context of behavior change, with particular attention to the influence of **social norms** on behavior over time.
- Social and behavioral **intervention approaches** for reducing **global health disparities**, with particular attention to reducing gender inequity.
- Coupling health behavior **theory with rigorous statistical methods** for variable selection, analysis, and interpretation.

🎓 EDUCATION

2022 (Anticipated)

The George Washington University
PhD Social & Behavioral Sciences in Public Health   📍 Washington, DC, USA

Dissertation. *Social Norms and Tobacco Use: Studies of Change.*

2014

Imperial College London
MPH (Global Health Stream)   📍 London, United Kingdom

Dissertation. *The Influence of Humanitarian Crises on Social Functioning among Civilians in Low- and Middle-Income Countries: A Systematic Review.*

2014

WHO Collaborating Centre Imperial College London
Certificate in Developing Health Systems   📍 London, United Kingdom

2012

The University of Michigan
BA Psychology (Honors; Minor in History)   📍 Ann Arbor, MI, USA

Dissertation. *Client Characteristics are Associated with Treatment Modality for Individuals with Heroin Addiction.*

💼 PROFESSIONAL EXPERIENCE

2018 | Present

Graduate Teaching Assistant
Milken Institute School of Public Health, The George Washington University
📍 Washington, DC, USA
Six semesters of teaching assistance covering course content development, leading teaching sessions, leading discussions, grading, and other activities for a number of courses (See Teaching Experience section).

Summer 2020

Short-Term Consultant - Mind, Behavior, Development (eMBeD) group
The World Bank   📍 Washington, DC, USA
- Survey design and data analysis for internet survey on social norms around household behaviors and COVID-19 socioenvironmental impacts conducted in Jordan, Tunisia, and Morocco.
- Continued work on working paper focused on social norms measurement and analysis methodology.

CONTACT INFO

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✉ shaon@gwu.edu
🎓 Google Scholar
👁 OSF
in LinkedIn
ⓘ ORCID
 Github

SKILLS

Experienced in a broad suite of social & behavioral research methods with a focus on quantitative analysis.

Well-versed in theories of health behavior, global health behavior change interventions, study designs, and measurement approaches.

Skilled in R, RMarkdown, Stata, SPSS, NVivo, Zotero, and Covidence.

Experienced in online, hybrid, and in-person teaching for graduate students, covering a range of courses in public health theory, analysis, and study design.

Summary 2019

Short-Term Consultant - Mind, Behavior, Development (eMBeD) group
The World Bank   📍 Washington, DC, USA

- Data analysis of social norms projects in Jordan, Kurdistan, and Republic of Georgia.
- Estimation of treatment effects from intervention to reduce fertility bias in Republic of Georgia.
- Sole author of working paper on social norms measurement and analysis methods including Blinder-Oaxaca Decomposition, multilevel modeling, LASSO regression for variable selection, polychoric correlation matrices, meta-analysis, quantile regression, factor analysis, and mediation analysis.

Summer 2019

Research Assistant
Milken Institute School of Public Health, The George Washington University
📍 Washington, DC, USA

- Social and Behavior Change Communication (SBCC) Landscape Review.
- Systematic screening and data extraction of global SBCC interventions.
- Conducted with colleagues from Johns Hopkins University, New York University, and UNICEF.

2016 | 2018

Research Associate
International Initiative for Impact Evaluation (3ie)   📍 New Delhi, India

- Grant co-author and program management for $3 million WASH program funded by the Gates Foundation.
- Program management for nine formative evaluations, four impact evaluations, and one measurement study.
- Lead-author for systematic review of interventions to promote latrine use in rural India.
- Development of pre-analysis plan and report templates.
- Co-author of systematic review on the use of mixed-methods in impact evaluations.
- Grant co-author and program management for $940,000 program to promote use of evidence in policy in Francophone West Africa.

2014 | 2015

Project Assistant
UNICEF Oman   📍 Muscat, Oman

- Project assistance and knowledge management for development of a national strategy on social development.
- Coordination between UNICEF, consultants, and line ministries.
- Development of partnerships with private sector on behalf of line ministries.
- Administrative support for implementation of program activities in health, education, and social development.

February | April 2013

Psychiatric Intern
Sultan Qaboos University Hospital   📍 Muscat, Oman

- Support to resident psychiatrist during individual client sessions.
- Manuscript review for mental health projects in the Middle East.
- Co-author of publication on complimentary and alternative treatment for epilepsy in Oman.

2010 | 2012

Research Assistant
Addiction Research Center, University of Michigan   📍 Ann Arbor, MI, USA

- Data entry and cleaning for longitudinal project on alcohol dependent individuals.
- Literature reviews related to alcohol addiction trajectories.
- Assistance to qualitative study on the use of positive psychology in treatment manuals for alcohol dependence.

📧 SELECTED PUBLICATIONS

2021

Does the Belief That Contraceptive Use Causes Infertility Actually Affect Use? Findings from a Social Network Study in Kenya.
Sedlander, E., Bingenheimer, J., **Lahiri, S.**, Thiongo, M., Gichangi, P., Munar, W., & Rimal, R. (2021). *Studies in Family Planning*. https://doi.org/10.1111/sifp .12157.

2021

Multidisciplinary Team Processes Parallel Natural Disaster Preparedness and Response: A Qualitative Case Study.
Lahiri, S., Snowden, B., Gu, J., Krishnan, N., Yellin, H., & Ndiaye, K. (2021). *International Journal of Disaster Risk Reduction*, https://doi.org/10.1016/j.ijdrr .2021.102369.

2018

Mixing and Matching: Using Qualitative Methods to Improve Quantitative Impact Evaluations (IEs) and Systematic Reviews (SRs) of Development Outcomes.
Jimenez, E., Waddington, H., Goel, N., Prost, A., Pullin, A., White, H., **Lahiri, S.** and Narain,A., (2018). *Journal of Development Effectiveness*, pp.1-22, https://doi.org/10.1080/19439342.2018.1534875.

2018

Toilets are being constructed at a remarkable pace, but it's not a Prem Katha yet for all sections of the population
Lahiri, S., & Menon, R. (2018). Op-Ed for the *Times of India*. Available at: TOI

2017

The Influence of Humanitarian Crises on Social Functioning among Civilians in Low-and Middle-Income Countries: A Systematic Review.
Lahiri, S., Van Ommeren, M., & Roberts, B. (2017). *Global Public Health*, 12(12), 1461-1478. https://doi.org/10.1080/17441692.2016.1154585.

2017

Promoting Latrine Use in Rural India.
Lahiri, S., Yegbemey, R. N., Goel, N., Mathew, L., & Puri, J. (2017). *3ie Scoping Paper 8*. New Delhi: International Initiative for Impact Evaluation (3ie). https://www.3ieimpact.org/sites/default/files/2019-01/sp8-latrine-use -india.pdf.

2016

The Art and Science of Winning the Poo War.
Lahiri, S., & Puri, J. (2016). *Business World*. Available at: http://www .businessworld.in/article/The-Art-And-Science-Of-Winning-The-Poo-War/18 -10-2016-107044/.

2013

Types and Sociodemographic Correlates of Complementary and Alternative Medicine (CAM) Use among People with Epilepsy in Oman.
Al Asmi, A., Al Maniri, A., Al-Farsi, Y.M., Burke, D.T., Al Asfoor, F.M., Al Busaidi, I., Al Breiki, M.H., **Lahiri, S.**, Braidy, N., Essa, M.M. & Al-Adawi, S. (2013). *Epilepsy & Behavior*, 29(2), pp.361-366. https://doi.org/10.1016/j .yebeh.2013.07.022

👥 WORKS IN PROGRESS

Social and Gender Norms Influencing Sexual and Reproductive Health: Conceptual Approaches, Intervention Strategies, and Evidence.
Lahiri, S., Bingenheimer, J., & Costenbader, E. *Under review at the Oxford Research Encyclopedia of Global Public Health.* This chapter provides a brief overview of social norms conceptual/theoretical approaches used in the field of sexual and reproductive health, followed by an illustration of intervention approaches targeted at different socioecological levels.

Achieving and Sustaining Change Through Capacity Building Train-the-Trainer Health Initiatives in Low- and Middle-Income Countries: A Systematic Review.
Snowden, B., **Lahiri, S.**, Dutton, R., & Morton, L. *Under review at the Global Health: Science and Practice.* This study systematically reviews the evidence for sustainable and effective training approaches for global health intervention cadres.

The Role of Social Norms on Adolescent Family Planning in Rural Kilifi County, Kenya.
Lahiris, S., Bingenheimer, J., Sedlander, E., Munar, W., & Rimal, R. *Under review at the Journal of Adolescent Health*. Using cross-sectional sociocentric data from adolescents in two Kenyan villages, this study estimates social influence on individual modern contraceptive use. It also estimates the influence of social norms on modern contraceptive use, with particular implications for unmarried young women. This study is a bridge between social network analysis and regression-based empirical approaches to the study of social norms.

Social Norms Measurement and Analysis: Some Approaches and Applications
Lahiri, S. & Munoz-Boudet, A.M. *In preparation for submission to World Bank Working Paper Series*. Currently, this document presents an overview of prominent measurement social norms measurement approaches, as well as a suite of diverse analytical approaches with applications in Stata using social norms data from World Bank projects in Jordan, Morocco, and Kurdistan.

Title: TBD. Leveraging Small Samples in Health Communications Using a Bayesian Approach: An Illustration using the Determinants of Pre-Exposure Prophylaxis.
Lahiri, S., Hull, S., Scott, R., Sinks, H, & Chandler, R. *In preparation for submission to Communication Methods and Measures*. Small samples are often the reality for many Communications studies, which need to generate program and policy guidance in real-time. Such studies do not often have the luxury of large samples, which can more easily invoke the asymptotic unbiased of frequentist estimators and approaches. Bayesian methods are advantageous in these settings, offering flexibility and transparency in the analytical process typically unavailable in frequentist approaches. This paper argues in favor of the Bayesian approach in these contexts, and for using informative and weakly-informative priors. An illustration is provided using data on Pre-Exposure Prophylaxis (PrEP) self-efficacy among a sample of Black women attending a clinic in Washington, DC.

Title: TBD. Investigation of Mechanisms Underlying the Bandebereho Couple Intervention in Rwanda to Prevent Intimate Partner Violence.
Levtov, R., Doyle, K., Bingenheimer, J., **Lahiri, S.**, Kazimbaya, S., Karamage, E., Sayinzoga, F., et al. *In preparation for submission to Prevention Science*. Using data from a longitudinal field trial, this study uses structural equation modelling to determine the active ingredients and key mechanisms underlying a successful intimate partner violence prevention intervention among couples in Rwanda.

GRANTS AND AWARDS

2020
The Society of Multivariate Experimental Psychology 2020 SMEP Underrepresented Student Workshop Travel Award.
Shaon Lahiri: $455.

2020
Berkeley Initiative for Transparency in the Social Sciences (BITSS) acceptance to Research Transparency and Reproducibility Training (RT2).
Shaon Lahiri: tuition waver and acceptance to training.

2017 William & Flora Hewlett Foundation grant for the West Africa Capacity building and Impact Evaluation program.
International Initiative for Impact Evaluation (3ie): $940,000. Co-author of grant. Hewlett Foundation Page.

2016 Bill & Melinda Gates Foundation (grant: OPP1148651) for "Promoting Latrine Use in Rural India" program.
International Initiative for Impact Evaluation (3ie): $3,044,397. Co-author of grant. Gates Foundation page.

2014 Imperial College London Best Dissertation Award
Shaon Lahiri: Prize for Best Dissertation among the MPH cohort in Imperial College London.

🖥 CONFERENCE PRESENTATIONS

2021 Social norms and adolescent contraceptive Use in Kenya.
Population Association of America (PAA) 2021. Presentation delivered by Jeffrey Bingenheimer.
📍 Virtual

2020 Social norms, gender, and power related to PrEP use among Black women in Washington, DC: A Bayesian approach.
International Social and Behavior Change Communication Summit (SBCC) 2020. Oral Presentation. *Canceled due to COVID*.
📍 Marrakech, Morocco.

2017 3ie latrine use evidence program.
Panel presentation. Evaluation Conclave 2017. Community of Evaluators South Asia.
📍 Thimphu, Bhutan.

2016 3ie latrine use evidence program.
Emerging paradigms for WASH service delivery. Indian Institute for Technology - Madras.
📍 Chennai, India.

🤝 SERVICE ACTIVITY

2021 Research Committee Member
Milken Institute School of Public Health, The George Washington University.

2020 Faculty Senate Research Committee, Workforce Development Subcommittee
The George Washington University.

2020 Faculty Senate Research Committee
The George Washington University

2018 Prevention of Sexual Harassment Committee
International Initiative for Impact Evaluation (3ie)

🖳 TEACHING EXPERIENCE - GEORGE WASHINGTON UNIVERSITY

Social & Behavioral Science Research Methods (Master's students)
• Teaching assistant. General linear modeling concepts, applications in SPSS, data analysis, and introduce to scale development:
• Fall 2018 (In-person)
• Fall 2019 (In-person)
• Fall 2020 (Online)

Social & Behavioral Approaches to Health (Master's students)
• Teaching Assistant. Overview of health behavior theories and program planning concepts.
• Spring 2019 (In-person)
• Spring 2020 (Hybrid)
• Spring 2021 (Online)

Public Health Marketing (Master's students)
• Teaching Assistant. Overview of public health communication and marketing approaches.
• Fall 2019 (In-person)

Writing in the Discipline of Public Health (Undergraduate students)
• Teaching Assistant. Broad overview of public health program concepts with emphasis on grant writing.
• Spring 2019 (In-person)

Fundamentals of Public Health Program Evaluation (Master's students)
• Teaching Assistant. Overview of experimental and quasi-experimental approaches to program evaluation in public health.
• Spring 2020 (Hybrid)

TEACHING EXPERIENCE - WORKSHOPS

November 20-21, 2017

Real-World Impact Evaluation (Master's students).
Co-taught graduate students of the Korea Development Institute on behalf of International Initiative for Impact Evaluation (3ie). Workshop covered overview of experimental and quasi-experimental study design, intervention design, and measurement aspects of impact evaluations conducted in international development. Approximately 40 participants.

📍 Seoul, Korea

SELECTED ADDITIONAL TRAINING

January 4-8, 2021

Structural Equation Modeling: A First and Second Course.
Gregory Hancock, Center for Integrated Latent Variable Research, University of Maryland, College Park. Overview of measurement, path analysis, multi-group analysis, latent means models, interactions & nonlinear relations, latent growth modeling, and power analysis. Implementation in R.

📍 Virtual

May 12-15, 2020

Regression Modeling Strategies
Frank Harrell, Department of Biostatistics, Vanderbilt University. Overview of multiple advanced regression approaches with implementation in R.

📍 Virtual

May 6-8, 2020

Introduction to Structural Equation Modeling
Curran-Bauer Analytics. Overview of factor analysis, path analysis, and structural equation modeling concepts. Implementation in R.

📍 Virtual

September 21-25, 2020

Research Transparency and Reproducibility Training (RT2)
Berkeley Institute for Transparency in the Social Sciences (BITSS). Overview of multiple aspects related to Research Transparency with an emphasis on research ethics and software implementation of transparency practices.

📍 Virtual

June 10-14, 2019

Managing Successul Impact Evaluations
DIME, The World Bank. Overview of data collection, quality, and management approaches for World Bank field workers.

📍 Washington, DC

July 10-14, 2017

Summer School on Impact Evaluation Methodologies and Causal Inference
Luxembourg Institute for Socio-Economic Research (LISER). Core Instructors: Donald Rubin, Fabrizia Mealli, and Alfonso-Flores Lagunes. Overview of Rubin Causal Model and related concepts in causal inference and quasi-experimental design.

📍 Esch-sur-Alzette, Luxembourg

Winter 2010

Inside-Out Prison Exchange Program
University of Michigan 13-week undergraduate course. Exploration of stigma and stereotypes with inmates of the Jackson State Prison in Michigan. Exploration of mental health and substance abuse issues using readings and personal narratives.

📍 Jackson State Prison, Michigan

👥 PROFESSIONAL SOCIETIES

2021-Present

Society for Prevention Research
Student Member: 26557.

2020-Present

American Statistical Association
Student Member: 225366.

2018-2019

Society for Behavioral Medicine
Student Member.