

# SLAWA ROKICKI, PH.D.

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**Email:** [slawa.rokicki@rutgers.edu](mailto:slawa.rokicki@rutgers.edu)

**Website:** <http://scholar.harvard.edu/slwarokicki>

**ORCID:** [0000-0001-9176-373X](https://orcid.org/0000-0001-9176-373X)

**Research interests:** maternal and child health; program evaluation; perinatal mental health; health disparities

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## ACADEMIC APPOINTMENTS

### **Instructor (tenure-track)**

Rutgers School of Public Health; Health Behavior, Society, & Policy

**New Brunswick, NJ**

08/2019 – present

### **Visiting Scientist**

Harvard T. H. Chan School of Public Health, Global Health and Population

**Boston, MA**

08/2018 – present

## POST-DOCTORAL TRAINING

### **Post-Doctoral Fellow in Health Economics**

University College Dublin, Geary Institute for Public Policy

**Dublin, Ireland**

07/2016 – 08/2019

## EDUCATION

### **Ph.D., Harvard University**

Health Policy, Evaluative Sciences and Statistics

**Cambridge, MA**

05/2016

### **M.S., Harvard T.H. Chan School of Public Health**

Global Health & Population

**Boston, MA**

05/2012

### **B.S., University of Maryland, College Park**

Mathematics

**College Park, MD**

05/2005

## PEER-REVIEWED PUBLICATIONS

McConnell, M.A., **Rokicki, S.**, Ayers, S., Allouch, F., Perreault, N., Gourevitch, R., Martin, M., Zhou, R.A., Zera, C., Hacker, M., Chien, A., Bates, M.A., and Baicker, K. (2022). Effect of an Intensive Nurse Home Visiting Program on Adverse Birth Outcomes in a Medicaid-eligible Population: A Randomized Clinical Trial. *JAMA*. Forthcoming

Clarke-Deelder, E.\*, **Rokicki, S.\***, McGovern, M.E.\*, Birabwa, C., Cohen, J., Waiswa, P., Abbo, C. (2022). Levels of depression, anxiety, and psychological distress among Ugandan adults during the first wave of the COVID-19 pandemic: cross-sectional evidence from a mobile phone-based population survey. *Global Mental Health*. Forthcoming. [\*joint first authors]

McGovern, M.E., **Rokicki, S.**, Reichman, N. (2022). Maternal depression and economic well-being: a quasi-experimental approach. *Social Science & Medicine*. Forthcoming.

McGovern, M.E. and **Rokicki, S.** (2022) The Great Recession, Household Income, and Children's Test Scores. *Review of Income & Wealth*. Forthcoming.

Chang, W., Mwesigwa, B., Waiswa, P., Cohen, J., & **Rokicki, S.** (2022) [Impact of reliable light and electricity on job satisfaction among maternity health workers in Uganda: A Cluster Randomized Trial](#). *Human Resources for Health*, 20, 30.

Ramella L, Schaefer AJ, **Rokicki S**, Adachi J, Thompson AB, Byatt N, Moore Simas T, & Mackie TI. (2022) [A national survey on Perinatal Psychiatry Access Program adaptations to promote perinatal mental healthcare equity](#). *Gen. Hosp. Psychiatry*.

**Rokicki, S.**, McGovern, M.E., Von Jaglinsky, A., Reichman, N. (2021) [Depression in the postpartum year and life course economic trajectories](#). *American Journal of Preventive Medicine*.

**Rokicki, S.,** Mwesigwa, B., Waiswa, P., & Cohen, J. (2021). [Impact of Solar Light and Electricity on the Quality and Timeliness of Maternity Care: A Stepped-Wedge Cluster-Randomized Trial in Uganda](#). *Global Health: Science & Practice*.

Steenland, M., Geiger, C., Chen, L., **Rokicki, S.,** Gourevitch, R.A., Sinaiko, A., Cohen, J. (2021). [Declines in Contraceptive Visits in the United States during the COVID-19 Pandemic](#). *Contraception*.

**Rokicki, S.** (2021) [Impact of Family Law Reform on Adolescent Reproductive Health in Ethiopia: A Quasi-Experimental Study](#). *World Development*. 144.

**Rokicki, S.,** Mwesigwa, B., & Cohen, J. (2021) [Know-do gaps in obstetric and newborn care quality in Uganda: a cross-sectional study in rural health centers](#). *Tropical Medicine & International Health*. 26(5).

Dalsania, A., Fastiggi, M., Kahlam, A., Shah, R., Patel, K., Shiau, S., **Rokicki, S.,** Dalla Piazza, M., (2021). [The Relationship between Social Determinants of Health and Racial Disparities in COVID-19 Mortality](#). *Racial and Ethnic Health Disparities*.

O'Sullivan, E.J.\*, **Rokicki, S.\***, Kenedly, M., Ainscough, K., McAuliffe, F.M. (2020). [Cost-effectiveness of a mobile health-supported lifestyle intervention for pregnant women with an elevated body mass index](#). *Int J of Obesity*. [\*joint first authors]

**Rokicki, S.,** Mwesigwa, B., Schmucker, L., Cohen, J. (2019). [Shedding light on quality of care: A study protocol for a randomized trial evaluating the impact of the Solar Suitcase in rural health facilities on maternal and newborn care quality in Uganda](#). *BMC Pregnancy and Childbirth*. 19(306).

**Rokicki, S.** and McGovern, M.E. (2019). [Heterogeneity in Early Life Investments: A Longitudinal Analysis of Children's Time Use](#). *Review of Income and Wealth*, 66(3), 647-676.

Carvalho, N. and **Rokicki, S.** (2018). [The Impact of India's Janani Suraksha Yojana Conditional Cash Transfer Programme: A Replication Study](#). *Journal of Development Studies*, 55(5), 989-1006.

Klein, N., Kneib, T., Marra, G., Radice R., **Rokicki, S.,** McGovern, ME. (2018). [Mixed Binary-Continuous Copula Regression Models with Application to Adverse Birth Outcomes](#). *Statistics in Medicine*, 38(3).

**Rokicki, S.** and Merten, S. (2018). [The Context of Emergency Contraception Use Among Young Unmarried Women in Accra, Ghana: A Qualitative Study](#). *Reproductive Health*. 15(212).

**Rokicki, S.** and McGovern, M.E. (2018). [Unequal Opportunities for Play? How Children Spend Their Time in Ireland](#). *Children's Research Digest*, 5(2), 11-19.

**Rokicki, S.,** Cohen, J., Fink, G., Salomon, J.A., & Landrum, M.B. (2018). [Inference With Difference-in-Differences With a Small Number of Groups: A Review, Simulation Study, and Empirical Application Using SHARE Data](#). *Medical Care*, 56(1), 97-105.

**Rokicki, S.** and Fink, G. (2017). [Assessing the Reach and Effectiveness of mHealth: Evidence from a Reproductive Health Program for Adolescent Girls in Ghana](#). *BMC Public Health*, 17(969).

**Rokicki, S.,** Cohen, J., Salomon, J. A., & Fink, G. (2017). [Impact of a Text-Messaging Program on Adolescent Reproductive Health: A Cluster-Randomized Trial in Ghana](#). *American Journal of Public Health*, 107(2), 298-305.

**Rokicki, S.,** Adamkiewicz, G., Fang, S. C., Rigotti, N. A., Winickoff, J. P., & Levy, D. E (2016). [Assessment of Residents' Attitudes and Satisfaction Before and After Implementation of a Smoke-free Policy in Boston Multiunit Housing](#). *Nicotine & Tobacco Research*, 18(5), 1282-1289.

Fang, S. C., Chen, S., Trachtenberg, F., **Rokicki, S.,** Adamkiewicz, G., & Levy, D. E. (2016). Validity of self-reported tobacco smoke exposure among non-smoking adult public housing residents. *PloS one*, 11(5).

**Rokicki, S.,** Montana, L., & Fink, G. (2014). [Impact of Migration on Fertility and Abortion: Evidence from the Household and Welfare Study of Accra](#). *Demography*, 51(6), 2229-2254.

Raifman, J. R., Lanthorn, H. E., **Rokicki, S.,** & Fink, G. (2014). [The Impact of Text Message Reminders on Adherence to Antimalarial Treatment in Northern Ghana: A Randomized Trial](#). *PloS one*, 9(10), e109032.

## **WORKING PAPERS**

- Experiences of perinatal depression during COVID-19: A qualitative study (under review)
- Trends in perinatal mental health care before and after COVID-19 (under review)
- Housing affordability and maternal depression (under review)

## **RESEARCH SUPPORT**

### *Active:*

#### **Community Health Workers for COVID Response and Resilient Communities (CCR) Evaluation**

No number Rokicki (PI) 9/1/2021 – 08/31/2024  
New Jersey Department of Health (via CDC)  
Evaluate the impact of state-wide program to train, deploy, and engage Community Health Workers (CHWs) in non-traditional sectors on CHW-level competency and wellbeing, and on community-level access to care and services, empowerment, and health.  
Total Grant: \$881,725; Salary support: 25%

#### **Comparative Effectiveness of Perinatal Psychiatry Access Programs**

HIS-2019C2-17367 Byatt (PI) & Mackie (PI) 3/3/2020 – 4/30/2023  
Patient-Centered Outcomes Research Institute  
Evaluate the relative benefits of perinatal psychiatry access program intervention components on treatment engagement and quality.  
Total Grant \$4,192,436; Salary support 17%  
Role: Co-Investigator

#### **Evaluation of Nurse Family Partnership**

No Number McConnell (PI) 4/1/2016 – 4/1/2023  
Harvard T.H. Chan School of Public Health (via Children's Trust of South Carolina)  
Evaluate the impact of the Nurse Family Partnership home visiting program on maternal and child outcomes in a large-scale randomized controlled trial.  
Salary support 10%  
Role: Collaborator

### *Completed:*

#### **An Academic-Community Partnership to Prevent Perinatal Depression Among Low-income and Black Women**

UL1TR003017 Pilot Rokicki (PI) 10/22/2020 – 2/28/2022  
NJ ACTS Partnership and Innovation Pilot Grant  
Strengthen an academic-community partnership to develop community-engaged approaches for the prevention of perinatal depression among low-income and Black women.  
Total Grant: \$10,000

#### **Budget Impact Analysis of Community Doula Programs**

No number Rokicki (PI) 9/1/2021 – 12/31/2021  
Burke Foundation, Inc.  
Develop a budget impact tool to analyze impact of New Jersey doula Medicaid benefit on community doula program sustainability.  
Total Grant: \$7,500

#### **The economic and social impacts of COVID-19 public health policies in Uganda**

CCRP2 Rokicki 2020 Rokicki (PI) & McGovern (PI) 7/1/2020 – 6/30/2021  
Center for COVID-19 Response and Pandemic Preparedness

Assess how the COVID-19 pandemic and public health policy response has impacted on economic, social, and mental health outcomes in Uganda using a mobile phone based survey.

Total Grant: \$29,776

### **The Impact of the COVID-19 Pandemic on Health System Resilience in Uganda**

No number Rokicki (PI) & McGovern (PI) 7/1/2020 – 6/30/2021

Rutgers Research Council

Assess how the COVID-19 pandemic and public health policy response has impacted on health system functioning, with a focus on disruptions in maternal and child routine health services

Total Grant \$4,638

### **Improving the Pathway to Perinatal Depression Care for Medicaid-insured Women: A National Survey of State Initiatives**

TBD Byatt (PI) & Mackie (PI) 11/1/2019 – 10/31/2020

Rutgers School of Public Health

Assess variation in state-level perinatal psychiatry access program intervention components.

Total Grant \$16,519

Role: Co-Investigator

### **We Care Solar Evaluation Project**

No number Cohen (PI) & Rokicki (PI) 8/1/2017 – 8/1/2020

UBS Optimus Foundation

Stepped wedge cluster randomized controlled trial to evaluate the impact of reliable solar energy on the process quality of obstetric and newborn care.

Total Grant \$479,720; Salary support \$23,703

### **Study on mHealth and Reproductive Health in Teens**

No number Rokicki (PI) 1/1/2013 – 2/31/2016

Weiss Fund for Research in Development Economics

Randomized control trial to test the effectiveness of an interactive text messaging intervention on knowledge of reproductive health and risky sexual behavior among a population of unmarried adolescent girls in Accra, Ghana. Additional support from Lab for Economic Applications and Policy Grant and Institute for Quantitative Social Science Graduate Research Grant.

Total Grant \$59,698

### **Impact of India's JSY cash transfer programme: a replication study, 2013 – 2015**

No number Rokicki (PI) & Carvalho (PI) 7/2/2013 – 9/30/2015

The International Initiative for Impact Evaluation (3ie) Replication Grant

Total: \$15,000; Salary: \$7,500

## **HONORS AND DISTINCTIONS**

- Rutgers University Faculty Community Engagement Award, 2022
- Universitas 21 for Early Career Researcher Development representative, Interculturality and Multiculturalism: the challenges for changing societies, 2017
- Irish Economic Association Conniffe Award for best paper by an early career economist, 2016
- Population Reference Bureau U.S. Policy Communication Training Fellowship, 2015 – 2016
- Harvard Global Health Institute Advanced Doctoral Research Award (tuition and stipend), 2014 – 2015
- Agency for Healthcare Research and Quality Training Grant (tuition and stipend), 2012 – 2014

## **OUTREACH AND MEDIA**

*Research featured in the Media:*

- Healio: [Maternal depression linked with long-term economic instability](#)

- WebMD: [Postpartum Depression Can Harm Women's Finances](#)
- msn.com: [Postpartum Depression Can Do Long-Term Harm to Women's Finances](#)
- U.S. News: [For Poor Kids, Less Time Spent on Reading, Exercise: Study](#), 09/2019
- Irish Independent: [Middle-aged still enjoy brain power benefits of being breastfed as babies](#), 12/2017
- Washington Post: [Why 2016 Was Actually One of The Best Years on Record](#), 12/2016
- Pulse.gh: [IPA research reveals how mobile phones improve reproductive health knowledge](#), 04/2016
- World Bank Development Impact Blog: [The Opposite of Sexting: Using Text Messages to Reduce Adolescent Pregnancy in Ghana](#), 10/2015

## **TEACHING AND SUPERVISION**

### Teaching:

Lecturer - <i>Health Systems &amp; Policy</i> (Rutgers)	Fall 2021-2022
Lecturer - <i>Health Economics</i> (UCD)	Spring 2017-2018
Teaching Fellow for Prof David Cutler - <i>The Business and Politics of Health</i> (Harvard)	Fall 2014
Teaching Assistant for Prof Joshua Salomon - <i>Measuring Population Health</i> (Harvard)	Spring 2012
Instructor - <i>Math Camp for first-year doctoral students</i> (Harvard)	Summer 2014

### Guest lectures:

- Social determinants of maternal & perinatal health - *Repr. & Perinatal Epi* (Rutgers 2020; 2021)
- Health Systems Approach to Maternal Mortality, *Health Systems & Policy* (Rutgers 2020; 2021)
- Disparities and determinants of maternal mortality in the United States - *Foundations of Maternal & Child Health* (Rutgers 2020; 2021)
- Maternal health across the life course - *Long Term Effects of Child Inequality & Adversity* (Rutgers 2020; 2021)
- Synthetic Control Method: Theory and Application - *Econometric Methods in Impact Evaluation* (Harvard 2019; 2020; 2021)
- Achieving the Sustainable Development Goals – *Discovery Module* (UCD 2017; 2019)

### Supervision:

- Capstone advisor for Midhat Rehman, MPH student, Rutgers School of Public Health, 2022
- Capstone advisor for Amaly Garcia Vargas, MPH student, Rutgers School of Public Health, 2021
- Capstone advisor for Kenelly Jimenez, MPH student, Rutgers School of Public Health, 2021
- Capstone advisor for Myan Colatat, MPH student, Rutgers School of Public Health, 2021
- Capstone advisor for Tharani Theivakumar, MPH student, Rutgers School of Public Health, 2021
- Capstone advisor for Yetunde Lana, MPH student, Rutgers School of Public Health, 2021
- Capstone advisor for Krystal Mayers, MPH student, Rutgers School of Public Health, 2020
- Co-supervisor of Marie O’Mir, doctoral student, University College Dublin, 2018-2019

## **PROFESSIONAL ACTIVITY**

### Memberships

- American Society of Health Economists (2020-present)
- Population Association of America (2011-present)
- Centre for Health Research at the Management School (CHaRMS) at Queen’s University Belfast (2016-present)
- Childhood and Human Development Research Centre at University College Dublin (2017-present)

### Grant Proposal Reviewer

- Irish Research Council (2020)
- Medical Research Council (2018)

### Conference Session Organizer

- Population Association of America Annual Meeting (2020; 2021)

### Journal Reviewer

- Maternal and Child Health Journal
- International Journal of Gynecology and Obstetrics
- Demography
- Social Science and Medicine
- Journal of Health Economics
- Bulletin of the World Health Organization
- World Development
- BMJ Open
- Journal of Family Issues
- Implementation Science Communications
- PLOS One
- Inquiry: The Journal of Health Care Organization, Provision, and Financing
- BMC Health Services Research
- International Journal of Public Health
- The Economic and Social Review
- Statistics and Public Policy
- Journal of Contemporary African Studies
- Digital Health

### Presentations at national and international conferences:

- American Society of Health Economists Annual Conference (2021)
- Advances in Field Experiments (2016, 2020)
- Association for Public Policy Analysis and Management (2020)
- Population Association of America (2013, 2015, 2016, 2017, 2020 (virtual due to COVID-19), 2022)
- International Health Economics Association World Congress (2019)
- Irish Economic Association (2016, 2018)
- Improving Maternal Health – From Evidence into Action (2018)
- U21 Early Career Researcher Workshop (2017)
- Economics and Human Biology (2016)
- North East Universities Development Consortium (2015)
- Centre for Study of African Economies at Oxford University (2015)
- Global Health Metrics and Evaluation Conference (2013)

### Presentations at university seminars:

- Harvard University Department of Global Health & Population Brown Bag Seminar, 2021
- Princeton University Fragile Families Working Group, 2020
- Harvard T.H. Chan School of Public Health, Willows Impact Evaluation Seminar, 2020
- Maynooth University, Department of Economics, 2019
- University College Dublin, Childhood and Human Development Research Centre, 2018
- Queen's University Belfast, Department of Economics, 2016
- Trinity College Dublin, Global Health Institute, 2016
- Harvard University, Department of Economics, 2015
- Harvard Medical School, Department of Health Care Policy, 2015

## **PROFESSIONAL EXPERIENCE**

### **Innovations for Poverty Action**

*Research assistant*

**Cape Coast/Tamale, Ghana**

*05/2011 – 08/2011*

### **Harvard Decision Science Lab**

**Cambridge, MA**

*Research assistant*

02/2011 – 03/2013

**Vertex Pharmaceuticals**  
*Senior Research Associate*

**Cambridge, MA**  
08/2008 – 08/2010

**United States Peace Corps**  
*Math Teacher and Community Organizer*

**Brouwal Tappé, Guinea**  
06/2005 – 03/2007

**LANGUAGES**

English (native), French (Level: DALF C1), Polish