# SLAWA ROKICKI, PH.D.

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ORCID: <a href="mailto:0000-0001-9176-373X">0000-0001-9176-373X</a>

Google Scholar: profile

Research interests: maternal and child health; social and structural determinants; policy evaluation; perinatal

mental health; health disparities; health services research; adolescent health; global health

### **ACADEMIC APPOINTMENTS**

2023 – present Assistant Professor

Department of Health Behavior, Society, & Policy

Rutgers School of Public Health

2019 - 2023 Instructor

Department of Health Behavior, Society, & Policy

Rutgers School of Public Health;

2018 – present Visiting Scientist

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

2016 – 2019 **Post-Doctoral Fellow in Health Economics** 

Geary Institute for Public Policy

University College Dublin, Dublin, Ireland

# **EDUCATION**

2024

2016 Ph.D., Harvard University Health Policy, Evaluative Sciences and Statistics

2012 M.S., Harvard T.H. Chan School of Public Health

Global Health & Population

2005 B.S., University of Maryland, College Park

Mathematics

# PEER-REVIEWED PUBLICATIONS

\* indicates graduate student or trainee co-author

indicates graduate student of traffice co-author

Ofrane, R.\*, **Rokicki, S.**, Kantor, L., Blumenfeld, J. (2024) Financial Barriers to Expanded Birth Center Access in NJ: A Qualitative Thematic Analysis. *Journal of Midwifery & Warman Landy of Midwifery & Manager Manager*.

Women's Health.(forthcoming)

**Rokicki, S.,** Oviedo, D., Perreault, N., Zera, C., McGregor, A., Bates, M.A., Zhou, R.A., Baicker, K., McConnell, M.A. (2024) Home Visits and the Use of Routine and Emergency Postpartum Care among Low Income Women: A Randomized Clinical Trial. *JAMA Network Open (forthcoming)*.

**Rokicki, S.**, Patel, M.\*, Suplee, P. D'Oria, R. (2024) <u>Racial and Ethnic Disparities in Access to Community-Based Perinatal Mental Health Programs: Results from a Cross-Sectional Survey</u>. *BMC Public Health*.

**Rokicki, S.** (2024) <u>Perinatal depression associated with increased pediatric emergency department use in first year of life.</u> *Health Affairs*; 43(4).

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**Rokicki, S.** & McConnell, M.A. (2024) <u>Racial and Socioeconomic Disparities in</u> <u>Preconception Health Risk Factors and Access to Care</u>. *Journal of Women's Health*.

Rokicki, S., Mackie, T., D'Oria, R., Flores, M., Watson, A., Byatt, N., Suplee, P. (2023) A Qualitative Investigation of the Experiences of Women with Perinatal Depression and Anxiety during the COVID-19 Pandemic. *Maternal and Child Health Journal*.

**Rokicki, S.,** Reichman, N., McGovern, M.E. (2023) <u>Association of Increasing the Minimum Wage in the US With Experiences of Maternal Stressful Life Events</u>. *JAMA Network Open*; 6(7): e2324018.

McGovern, M.E., **Rokicki, S.,** Reichman, N. (2023) <u>Neighborhood-level housing affordability and maternal depression</u>. *SSM-Mental Health, 3, 100192*.

**Rokicki, S.**, Steenland, M. W., Geiger, C. K., Gourevitch, R. A., Chen, L., Martin, M. W., & Cohen, J. L. (2022). <u>Trends in postpartum mental health care before and during COVID-19</u>. *Health Services Research*.

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). <u>Effect of an Intensive Nurse Home Visiting Program on Adverse Birth Outcomes in a Medicaid-eligible Population: A Randomized Clinical Trial. *JAMA*. 328(1):27-37.</u>

Clarke-Deelder, E.[1], **Rokicki, S.[1]**, McGovern, M.E.[1], Birabwa, C., Cohen, J., Waiswa, P., Abbo, C. (2022). <u>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.* 1-11. [1]-joint first authors</u>

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

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

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

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

**Rokicki, S.,** McGovern, M.E., Von Jaglinksy, A., Reichman, N. (2021) <u>Depression in the postpartum year and life course economic trajectories.</u> *American Journal of Preventive Medicine*.

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

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

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

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

2021

2023

2022

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.

- 2020 O'Sullivan, E.J.[1], Rokicki, S.[1], Kennelly, 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. [1]-joint first authors
- 2019 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.

2018 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).
- 2014 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.

2017

2016

### **WORKING PAPERS**

Impact of Nurse Home Visiting on Take-up of Social Safety Net Programs

Perinatal depression and emergency department use in the first two years postpartum

Strategies for recruitment and retention in contemporary longitudinal birth cohort studies

Job satisfaction, mental health, and wellbeing of community health workers

"In the beginning, there wasn't a day that didn't go by that I wasn't crying": A qualitative exploration of wellbeing and job satisfaction among community health workers

# **RESEARCH SUPPORT**

| 2023-2026 | Minimum wages and maternal health in the U.S. (R01 HD110482-01, NICHD)  Principal Investigator (with MPI Mark McGovern)  Total costs: \$2,437,741   |
|-----------|---|
| 2023-2025 | <b>Evaluation of Nurture New Jersey</b> (New Jersey Department of Human Services) Co-investigator (PI Leslie Kantor) Total costs: \$2,000,000; salary support 15%   |
| 2023-2026 | Perinatal Depression and Emergency Department Visits in the Postpartum Period (New Jersey Integrated Population Health Data Project) Principal Investigator (with MPI Mark McGovern) Total costs: \$58,884  |
| 2021-2024 | Community Health Workers for COVID Response and Resilient Communities (CCR) Evaluation (New Jersey Department of Health (via CDC))  Principal Investigator Total costs: \$881,725; Salary support: 25%  |
| 2022-2025 | Empowered Postpartum: A Targeted mHealth Intervention to Reduce Information Gaps, Unmet Need for Postpartum Contraception, and Unintended Pregnancy in Kenya (USAID/Harvard University Motsepe Presidential Research Accelerator Fund for Africa) |
|           | <b>Principal Investigator</b> (with MPIs Jessica Cohen and Margaret McConnell) Total costs: \$147,390; Salary support 15%   |
| 2020-2024 | Comparative Effectiveness of Perinatal Psychiatry Access Programs (HIS-2019C2-17367; Patient-Centered Outcomes Research Institute) Co-Investigator (MPIs Nancy Byatt and Tom Mackie) Total costs: \$4,192,436; Salary support 13%                 |
| 2016-2023 | Evaluation of Nurse Family Partnership (Harvard T.H. Chan School of Public Health (via Children's Trust of South Carolina)) Collaborator (PI Margaret McConnell) Salary support: 10%  |
| 2020-2022 | An Academic-Community Partnership to Prevent Perinatal Depression Among Lowincome and Black Women (UL1TR003017 Pilot; NJ ACTS Partnership and Innovation Pilot Grant) Principal Investigator Total costs: \$10,000                                |
| 2021-2022 | Budget Impact Analysis of Community Doula Programs (Burke Foundation) Principal Investigator Total costs: \$10,500  |
| 2020-2021 | The economic and social impacts of COVID-19 public health policies in Uganda (Center for COVID-19 Response and Pande Center for COVID-19 Response and Pandemic Preparedness)  |

**Principal Investigator** (with MPI Mark McGovern)

Total costs: \$29,776

2020-2021 The Impact of the COVID-19 Pandemic on Health System Resilience in Uganda

(Rutgers Research Council)

Principal Investigator (with MPI Mark McGovern)

Total costs: \$4,638

2017-2020 We Care Solar Evaluation Project (UBS Optimus Foundation)

Principal Investigator (with MPI Jessica Cohen)

Total costs: \$479,720

2013-2016 Study on mHealth and Reproductive Health in Teens (Weiss Fund for Research in

Development Economics) **Principal Investigator**Total costs: \$59,698

2013-2015 Impact of India's JSY cash transfer programme: a replication study (The

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

**Principal Investigator** (with MPI Natalie Carvalho)

Total costs: \$15,000

### **HONORS AND DISTINCTIONS**

| 2024        | Rutgers Health Chancellor Excellence in Clinical or Health Sciences Research Award  |
|-------------|---|
| 2022        | Rutgers University Faculty Community Engagement Award   |
| 2017        | Universitas 21 for Early Career Researcher Development representative, Interculturality and Multiculturalism: the challenges for changing societies |
| 2016        | Irish Economic Association Conniffe Award for best paper by an early career economist   |
| 2015 - 2016 | Population Reference Bureau U.S. Policy Communication Training Fellowship   |
| 2014 - 2015 | Harvard Global Health Institute Advanced Doctoral Research Award (tuition & stipend)  |
| 2012 - 2014 | Agency for Healthcare Research and Quality Training Grant (tuition and stipend)   |

#### **TEACHING AND SUPERVISION**

Teaching:

Rutgers Health Care Economics; Spring 2024; Fall 2024

Health Systems & Policy; Fall 2020-2022, Spring 2023

UCD Health Economics; Spring 2017, Spring 2018

Harvard Teaching Fellow– The Business and Politics of Health; Fall 2014

Teaching Assistant-Measuring Population Health; Spring 2012

Instructor – Math Camp for first-year doctoral students; Summer 2014

Selected Guest lectures:

Rutgers "Perinatal mental health" - Repr. & Perinatal Epi (2022)

"Social determinants of maternal & perinatal health" - Repr. & Perinatal Epi (2020;

2021)

"A Health Systems Approach to Maternal Mortality", Health Systems & Policy (2020-

2022)

"Disparities and determinants of maternal mortality in the United States" - Foundations

of Maternal & Child Health (2020; 2021)

"Maternal health across the life course" - Long Term Effects of Child Inequality &

Adversity (2020; 2021; 2023)

Harvard "Synthetic Control Method: Theory and Application" - Econometric Methods in Impact

Evaluation (2019; 2020; 2021)

UCD "Achieving the Sustainable Development Goals" – *Discovery Module* (2017; 2019)

#### Supervision:

#### DrPH Committee Member:

Melanie Shefchik; Rutgers School of Public Health, 2023-2024 Camille Walker; Rutgers School of Public Health, 2023-2024 Rebecca Ofrane; Rutgers School of Public Health, 2022-2023

Marie O'Mir, University College Dublin, 2018-2019

#### MPH Capstones:

Over 15 MPH capstone theses supervised from 2020-2024, Rutgers School of Public

Health

#### PROFESSIONAL ACTIVITY

| <u>Memberships</u> |                                       |
|--------------------|---------------------------------------|
| 2020-present       | American Society of Health Economists |

2011-present Population Association of America

2016-2019 Centre for Health Research at the Management School (CHaRMS) at Queen's University

Belfast

2017-2019 Childhood and Human Development Research Centre at University College Dublin

# Conference Session Organizer/Chair

2024-2025 Rutgers Equity Alliance for Community Health Symposium Organizer

2024 American Society of Health Economists

2020-2021 Population Association of America Annual Meeting

2012 Annual Harvard University African Development Conference

2010-2012 Harvard T.H. Chan School of Public Health Africa Health Forum Annual Conference

### Grant Reviewer

National Institute for Health and Care Research (NIHR) Global Health Policy and

Systems Research Programme (UK Research & Innovation)

2020 Irish Research Council

2018 Medical Research Council (UK)

# Presentations at national and international conferences

2021, 2024 American Society of Health Economists Annual Conference

2013, 2015- 17, Population Association of America

2020, 2022

2016, 2020 Advances in Field Experiments

2020 Association for Public Policy Analysis and Management
2019 International Health Economics Association World Congress

| 2010, 2010              | Tibli Leonome / issociation   |  |
|-------------------------|---|--|
| 2018                    | Improving Maternal Health – From Evidence into Action   |  |
| 2017                    | U21 Early Career Researcher Workshop  |  |
| 2016                    | Economics and Human Biology   |  |
| 2015                    | North East Universities Development Consortium  |  |
| 2015                    | Centre for Study of African Economies at Oxford University  |  |
| 2013                    | Global Health Metrics and Evaluation Conference   |  |
| Invited Presentations   |   |  |
| 2024                    | Panelist - New Jersey Health Communities Network Community of Practice Event, "Maternal, Paternal, Caregiver, and Child Health" |  |
| 2024                    | Panelist - Health Affairs Issue Briefing and Virtual Forum, "Perinatal Mental Health & Well-Being"                              |  |
| 2023                    | University of Michigan, Program on Women's Health Care Effectiveness Research<br>Seminar  |  |
| 2022                    | Rutgers Center for COVID-19 Response and Pandemic Preparedness Retreat  |  |
| 2021                    | Harvard University Department of Global Health & Population Brown Bag Seminar   |  |
| 2020                    | Princeton University Fragile Families Working Group   |  |
| 2020                    | Harvard T.H. Chan School of Public Health, Willows Impact Evaluation Seminar  |  |
| 2019                    | Maynooth University, Department of Economics  |  |
| 2018                    | University College Dublin, Childhood and Human Development Research Centre  |  |
| 2016                    | Queen's University Belfast, Department of Economics   |  |
| 2016                    | Trinity College Dublin, Global Health Institute   |  |
| 2015                    | Harvard University, Department of Economics   |  |
| 2015                    | Harvard Medical School, Department of Health Care Policy  |  |
| Ad hoc Journal Reviewer |   |  |

#### <u>Ad hoc Journal Reviewer</u>

2016, 2018

Irish Economic Association

Health Affairs, Social Science and Medicine, Journal of Health Economics, Demography, Health Services Research, The Lancet Regional Health, Scientific Reports, International Journal of Gynecology and Obstetrics, Bulletin of the World Health Organization, Statistics in Medicine, World Development, BMJ Public Health, Journal of Women's Health, Archives of Women's Mental Health, SSM – Qualitative Research in Health, Statistics and Public Policy, Maternal and Child Health Journal, Family Medicine and Community Health, The Economic and Social Review, Journal of Midwifery

# **OUTREACH AND MEDIA**

- New Jersey State Policy Lab, policy brief: "Advancing Perinatal Mental Health Equity in New Jersey."
- Bloomberg News (mentioned by 46 news outlets): <u>Raising Minimum Wage Benefits Health of Poor Mothers and Their Babies, Study Finds</u>
- 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: <u>The Opposite of Sexting: Using Text Messages to Reduce Adolescent Pregnancy in Ghana</u>, 10/2015

### **PROFESSIONAL EXPERIENCE**

Innovations for Poverty Action
Research assistant
Harvard Decision Science Lab
Research assistant
Vertex Pharmaceuticals
Senior Research Associate
United States Peace Corps
Math Teacher and Community Organizer

Cape Coast/Tamale, Ghana
05/2011 – 08/2011
Cambridge, MA
02/2011 – 03/2013
Cambridge, MA
08/2008 – 08/2010
Brouwal Tappé, Guinea
06/2005 – 03/2007

### **LANGUAGES**

English (native), French (conversational), Polish (conversational)