

# MARK MCGOVERN PH.D.

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## Contact Details

Faulty Website: <https://sph.rutgers.edu/concentrations/health-behavior-society-policy/faculty-member.php?id=109034>

Working Papers: <http://ideas.repec.org/f/pmc202.html>

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Google Scholar <https://scholar.google.com/citations?user=Eh8ajGQAAAAJhl=enauthuser=3>

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## Positions Held

- **Associate Professor:** Department of Health Behavior, Society and Policy, Rutgers School of Public Health (2023 - Present)
  - **Assistant Professor:** Department of Health Behavior, Society and Policy, Rutgers School of Public Health (2019 - 2023)
  - **Assistant Professor:** Queen's University Belfast (2015 - 2019)
  - **Research Fellow:** [Centre for Evidence and Social Innovation](#), Queen's University Belfast (2016 - 2019)
  - **Program on the Global Demography of Aging** Postdoctoral Fellow and Research Scientist: Harvard University (2011 - 2015)
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## Education and Training

- **Postgraduate Certificate in Higher Education Teaching:** Queen's University Belfast (2018)
  - **Ph.D. (Economics):** University College Dublin (2013)
  - **M.A. (Economics):** University College Dublin (2007)
  - **B.A. (Economics and Psychology):** Trinity College Dublin (2003)
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## Research Interests

- Health Economics, Maternal and Child Health, Life Cycle Effects of Inequality
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## Funding awards

- National Institute for Child Health and Development R01 (2023): **Minimum wages and maternal health in the U.S.**, \$ 1,791,763 (MPI)
- Integrated Population Health Data Project (2022): **Perinatal depression and emergency department visits in the postpartum period: a quasi-experimental analysis**, \$ 58,884 (Co-PI)

- Center for COVID-19 Response and Pandemic Preparedness (2020): **The Economic and Social Impacts of COVID-19 Public Health Policies in Uganda**, \$ 29,776 (Co-PI)
- New Jersey Institute for Food, Nutrition, and Health (2020): **Social Determinants of Childhood Nutritional Status**, \$ 2,500 (PI)
- Patient-Centered Outcomes Research Institute (2020): **Comparative Effectiveness of Perinatal Psychiatry Access Programs**, \$ 4,192,436 (Co-I)
- NJ ACTS (2020): **Missing Data Methods for Clinical RCTs**, \$ 18,106 (PI)
- Rutgers Global Health Institute (2020): **Economic Evaluation of a Children's Malaria Intervention**, \$ 6,000 (PI)
- Rutgers Research Council (2020): **Impact of the COVID-19 Pandemic on Health System Resilience**, \$ 4,638 (Co-PI)
- UNICEF (2019): **UNICEF Egypt – Child Development Standards**, £41,126 (Co-I)
- Rutgers School of Public Health (2019): **Improving the Pathway to Perinatal Depression Care for Medicaid-insured Women: A National Survey of State Initiatives**, \$ 16,519 (Co-I)
- Economic and Social Research Council (2018): **Administrative Data Research Centres**, £1.5 million (Co-I)
- UK Department for Employment & Learning (2018): **Early Childhood Development Research Network**, £23,400 (Co-I)
- UK National Institute of Health Research (2017): **Global Health Research Group on Early Childhood Development**, £1.9 million (Co-I)
- UNAIDS (2013): **Development of Heckman Selection Model for use in Spectrum**, \$15,000 (PI)
- PGDA/NIH Pilot Study (2013): **Estimating HIV Prevalence Rates in Africa Adjusting for Selective Non-Response**, \$45,000 (Co-I)
- Harvard Population Center Seed Grant (2013): **Tracing the Early Life Origins of Social Isolation and Loneliness in Later Life**, \$3,000 (PI)

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## Peer Reviewed Publications

38. Prenatal exposure to particulate matter and infant birth outcomes: Evidence from a population-wide database, *Health Economics*, Forthcoming

B. Jahanshahi, B. Johnston, M. McGovern, D. McVicar, D. O'Reilly, N. Rowland, S. Vlachos

37. Association of Increasing the Minimum Wage in the US With Experiences of Maternal Stressful Life Events, *JAMA Network Open*, 6(7), 2023

M. McGovern, S. Rokicki, A. Von Jaglinsky, N. Reichman

36. Neighborhood-level housing affordability and maternal depression, *Social Science and Medicine - Mental Health*, 3(100192), 2023

M. McGovern, S. Rokicki, A. Von Jaglinsky, N. Reichman

35. Global Imbalances in Funding Sources for HIV Randomized Control Trials, *AIDS Research and Human Retroviruses*, 39(2), 2023  
D. John, P. Wang, Y. Togo, M. McGovern
34. The Great Recession, Household Income, and Children's Test Scores, *Review of Income and Wealth*, 69(3), 2023  
S. Rokicki, M. McGovern
33. Maternal Depression and Economic Well-being: a Quasi-experimental Approach, *Social Science & Medicine*, 305(115017), 2022  
M. McGovern, S. Rokicki, N. Reichman
32. Childhood Stunting and Wasting Following Independence in South Sudan, *Food and Nutrition Bulletin*, 43(4), 2022  
D. Hoffman, I. Kassim, B. Ndiaye, M. McGovern, H. Le, K. Abebe, M. Ayoya
31. 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*, 9, 2022  
E. Clarke-Deelder\*, S. Rokicki\*, M. McGovern\*, C. Birabwa, J. Cohen, P. Waiswa, C. Abbo  
\*Joint first author
30. Depression in the Postpartum Year and Life Course Economic Trajectories, *American Journal of Preventive Medicine*, 62(2), 2022  
S. Rokicki, M. McGovern\*, A. Von Jaglinsky, N. Reichman  
\*Corresponding author
29. Geographic Diversity in Authorship of HIV Randomized Control Trial Publications, *AIDS*, 35(14), 2021  
P. Wang, M. McGovern\*, Y. Togo  
\*Corresponding author
28. Heterogeneity in Early Life Investments: A Longitudinal Analysis of Children's Time Use, *Review of Income and Wealth*, 66(3), 2020  
S. Rokicki, M. McGovern
27. The Economic Burden of Chronic Diseases: Estimates and Projections for China, Japan, and South Korea, *Journal of the Economics of Ageing*, 17, 2020  
D. Bloom, S. Chen, M. Kuhn, M. McGovern, L. Oxley, K. Prettnner
26. Life Cycle Origins of Pre-retirement Financial Status: Insights from Birth Cohort Data, in: *Live Long and Prosper? The Economics of Ageing Populations*, edited by D. Bloom, pp. 74–80, CEPR Press, London, UK, 2019  
M. McGovern
25. How Much Does Birth Weight Matter for Child Health in Developing Countries? Estimates from Siblings and Twins, *Health Economics*, 28(1), 2019  
M. McGovern
24. Mixed Binary-Continuous Copula Regression Models with Application to Adverse Birth Outcomes, *Statistics in Medicine*, 38(3), 2019  
N. Klein, T. Kneib, G. Marra, R. Radice, S. Rokicki, M. McGovern

23. Trends in Inequalities in Childhood Stunting in South Asia, *Maternal & Child Nutrition*, 14 (S4), 2018  
A. Krishna, I. Mejia, M. McGovern, V. Aguayo, S.V. Subramanian
22. Unequal Opportunities for Play? How Children Spend Their Time in Ireland  
*Children's Research Network*, 5(2), 2018  
S. Rokicki, M. McGovern
21. Accounting for Non-response Bias using Participation Incentives and Survey Design: An Application using Gift Vouchers *Economics Letters*, 171, 2018  
M. McGovern, D. Canning, T. Bärnighausen
20. The Economic Burden of Non-Communicable Diseases and Mental Health Conditions: Results for Costa Rica, Jamaica, and Peru, *Pan-American Journal of Public Health*, 42 (e18), 2018  
D. Bloom, S. Chen, M. McGovern
19. Understanding the Association between Stunting and Child Development in Low- and Middle-Income Countries: Next Steps for Research and Intervention, *Social Science & Medicine* 193, 2017  
J.M. Perkins, K. Rockli, A. Krishna, M. McGovern, V. Aguayo, S.V. Subramanian
18. A Simultaneous Equation Approach to Estimating HIV Prevalence with Non-Ignorable Missing Responses, *Journal of the American Statistical Association* 112 (518), 2017  
G. Marra, R. Radice, S. Wood, T. Bärnighausen, M. McGovern
17. A Review of the Evidence Linking Child Stunting to Economic Outcomes  
*International Journal of Epidemiology* 46 (4), 2017  
M. McGovern, A. Krishna, V. Aguayo, S.V. Subramanian
16. National South African HIV Prevalence Estimates Robust Despite Substantial Test Non-participation  
*South African Medical Journal* 107 (7), 2017  
G. Harling, S. Moyo, M. McGovern, M. Mabaso, G. Marra, T. Bärnighausen, T. Rehle
15. Progress and the Lack of Progress in Addressing Infant Health and Infant Health Inequalities in Ireland during the 20th Century, *Journal of the Statistical and Social Inquiry Society of Ireland* 45, 2016  
M. McGovern
14. Do Gifts Increase Consent to Home-Based HIV Testing? A Difference-in-Differences Study in Rural KwaZulu-Natal, South Africa, *International Journal of Epidemiology* 45 (6), 2016  
M. McGovern, K. Herbst, F. Tanser, T. Mutevedzi, D. Canning, D. Gareta, D. Pillay, T. Bärnighausen
13. Increasing Ambient Temperature Reduces Subjective Well-Being, *Environmental Research* 151, 2016  
C. Noelke, M. McGovern, A. Stern, D. Corsi, M. Pescador-Jimenez, I. Sue Wing, L. Berkman
12. Adjusting HIV Prevalence Estimates for Non-Participation: An Application to Demographic Surveillance, *Journal of the International AIDS Society* 18, 2015  
M. McGovern, T. Bärnighausen, G. Marra, R. Radice, D. Canning, M-L Newell
11. Education, Gender, and State-Level Disparities in the Health of Older Indians: Evidence from Biomarker Data, *Economics and Human Biology* 19, 2015  
J. Lee, M. McGovern, D. Bloom, P. Arokiasamy, A. Risbud, K. Varsha, J. O'Brien, P. Hu

10. Vaccination and All Cause Child Mortality 1985-2011: Global Evidence from the Demographic and Health Surveys, *American Journal of Epidemiology* 182 (9), 2015  
M. McGovern, D. Canning
  9. Using Interviewer Random Effects to Calculate Unbiased HIV Prevalence Estimates: A Bayesian Approach, *BMC Medical Research Methodology* 8, 2015  
M. McGovern, T. Bärnighausen, J. Salomon and D. Canning
  8. Physical Stature Decline and the Health Status of the Elderly Population in England  
*Economics and Human Biology* 16, 2015  
A. Fernihough, M. McGovern
  7. On the Assumption of Bivariate Normality in Selection Models: A Copula Approach  
*Epidemiology* 26 (2), 2015  
M. McGovern, T. Bärnighausen, G. Marra and R. Radice
  6. Comparing the Relationship Between Early Life Conditions and Adult Health in Six Developing Countries, *Journal of the Economics of Ageing* 4, 2014  
M. McGovern
  5. Do Fertility Transitions Influence Infant Mortality Declines? Evidence from Early Modern Germany  
*Journal of Population Economics* 27 (4), 2014  
A. Fernihough, M. McGovern
  4. The Economic Impact of Non-communicable Disease in China and India: Estimates, Projections, and Comparisons, *Journal of the Economics of Ageing* 4, 2014  
D. Bloom, E. Cafiero, M. McGovern, K. Prettnner, A. Stanciole, J. Weiss, S. Bakkila, L. Rosenberg
  3. Still Unequal at Birth: Birth Weight, Socioeconomic Status and Outcomes at Age 9  
*Economic and Social Review* 1 (44), 2013  
M. McGovern
  2. Culture Positivity of Central Venous Catheter Tips, *Journal of Nutrition and Metabolism* 257959, 2012  
C. Walshe, J. Bourke, M. Lynch, M. McGovern, L. Delaney D. Phelan
  1. From Angela's Ashes to the Celtic Tiger: Early Life Conditions and Adult Health in Ireland  
*Journal of Health Economics* 30 (1), 2011  
L. Delaney, M. McGovern, J. P. Smith
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