

## EMPLOYMENT

- 2015-Present Associate Professor of Global Health and Economics, Department of Global Health, George Washington University.
- 2009-2015 Assistant Professor of Global Health and Economics, Department of Global Health, George Washington University.
- 2013-2014 Senior Lecturer, Department of Economics/Preventive and Social Medicine, University of Otago.
- 2007-2009 Postdoctoral Scholar, School of International Relations and Pacific Studies, University of California at San Diego.

## OTHER AFFILIATIONS

- 2013-Present Affiliated Faculty, Centre for International Health, University of Otago.
- 2012-Present Advisory Group, Global Gender Program, Elliot School of International Affairs, GWU.
- 2010-Present Affiliated Faculty, The Institute for International Economic Policy (IIEP), Elliot School of International Affairs, GWU.
- 2012 Visiting Researcher, University of Otago, Department of Economics.
- Dec 2011 DIMeco Guest Researcher, Paris School of Economics

## EDUCATION

- PhD University of California at Berkeley. Agricultural & Resource Economics, 2007.
- MS University of California at Berkeley. Agricultural & Resource Economics, 2002.
- BA Claremont McKenna College. Economics, Environmental Science, & Politics, 2001.

## PRIMARY RESEARCH FIELDS

Development Economics, Program Design and Evaluation, Applied Microeconomics, Health Economics

## FORTHCOMING AND PUBLISHED PAPERS

1. Baird, S., Hamory-Hicks, J., Kremer, M., and Miguel, E. (forthcoming) "Worms at Work: Long Run Impacts of a Child Health Investment" *Quarterly Journal of Economics*.
2. Ahuja, A., Baird, S., Hamory Hicks, J., Kremer, M., Miguel, E., and Powers, S. (2015), "When Should Governments Subsidize Health? The Case of Mass Deworming," *World Bank Economic Review*, Vol. 29 (suppl 1), pp. S9-S24.
3. Penno, E.C., Baird, S.J., Crump, J.A. (2015), "Cost Effectiveness of Surveillance for Bloodstream Infections for Sepsis Management in Low Resource Settings," *The American Journal of Tropical Medicine and Hygiene*, Vol. 93(4), pp. 850-860.
4. Penno, E.C., Crump, J.A., and Baird, S.J. (2015), "Performance Requirements to Achieve

- Cost-Effectiveness of Point of Care Tests for Sepsis Among Patients with Febrile Illness in Low Resource Settings," *The American Journal of Tropical Medicine and Hygiene*, Vol. 93(4), pp. 841-849.
5. Andres, E., Baird, S., Bingenheimer, J.B., and Markus, A.R. (2015), "Maternity Leave Access and Health: A Systematic Narrative Review and Conceptual Framework Development," *Maternity and Child Health Journal*, pp. 1-15.
  6. Baird, S., Gong, E., McIntosh, C. and Özler, B. (2014), "The heterogeneous effects of HIV testing," *Journal of Health Economics*, Vol. 37, pp. 98-112.
  7. Njiri, F.J., Child, M.J., O'Malley, G., Baird, S., Ojoo, V., Davies, L.D., and Kiarie, J. (2014), "Evolution of a Multi-university Monitoring and Evaluation Technical Working Group," *Academic Medicine*, Vol. 89(8)/August Supplement, pp. S110.
  8. Olapade-Olaopa, E.O., Baird, S., Kiguli-Malwadde, E., Kolars, J. (2014), "Growing Partnerships: Leveraging the Power of Collaboration Through the Medical Education Partnership Initiative," *Academic Medicine*, Vol. 89(8)/August Supplement, pp. S19-S23.
  9. Chen, C., Baird, S., Ssentongo, K., Mehtsun, S., Olapade-Olaopa, E.O., Scott, J., Sewankambo, N., Talib, Z., Ward-Peterson, M., Haile Mariam, D. and Rugarabamu, P. (2014), "Physician tracking in sub-Saharan Africa: current initiatives and opportunities," *Human Resources for Health*, Vol. 12(21).
  10. Baird, S., Ferreira, F., Özler, B., and Woolcock, M. (2014), "Conditional, Unconditional and Everything in Between: A Systematic Review of the Effects of Cash Transfer Programs on Schooling Outcomes," *Journal of Development Effectiveness*, Vol. 6(1), pp. 1-43.
  11. Baird, S., McIntosh, C. and Özler, B. (2013), "The Regressive Demands of Demand Driven Development," *Journal of Public Economics*, Vol. 106, pp. 370-403.
  12. Baird, S., Ferreira, F., Özler, B., Woolcock, M. (2013), "Relative Effectiveness of Conditional and Unconditional Cash Transfers for Schooling Outcomes in Developing Countries: A Systematic Review," *Campbell Systematic Reviews*, 2013:8.
  13. Baird, S., de Hoop, J. and Özler, B. (2013) "Income Shocks and Adolescent Mental Health," *Journal of Human Resources*, Vol. 48(2), pp. 370-403.
  14. Baird, S. and Özler, B. (2012), "Examining the Reliability of Self-Reported Data on School Participation," *Journal of Development Economics*, Vol. 98(1), pp. 89-93.
  15. Baird, S., Garfein, R., McIntosh, C., and Özler, B. (2012), "Effect of a cash transfer programme for schooling on prevalence of HIV and herpes simplex type 2 in Malawi: a cluster randomised trial," *The Lancet*, Vol. 379(9823), pp. 1320-1329.
  16. Baird, S., McIntosh, C., and Özler, B. (2011), "Cash or Condition: Evidence from a Randomized Cash Transfer Program" *Quarterly Journal of Economics*, Vol. 126(4), pp. 1709-1753.
  17. Baird, S., Friedman, J. and Schady, N. (2011), "Aggregate Income Shocks and Infant Mortality in the Developing World," *Review of Economics and Statistics*, Vol. 93(3), pp. 847-856.
  18. Baird, S., Chirwa, E., McIntosh, C. and Özler, B. (2010), "The short-term impacts of a schooling conditional cash transfer program on the sexual behavior of young women," *Health Economics*, Vol. 19(S1), pp. 5568.
  19. Morhardt, E., Baird, S., and Freeman, K. (2002), "Scoring Corporate Environmental and Sustainability Reports Using GRI 2000, ISO 14031 and Other Criteria," *Corporate Social Responsibility and Environmental Management*, Vol. 9(4), pp. 215-233.

## CHAPTERS IN EDITED VOLUMES AND OTHER PUBLICATIONS

1. Baird, S. and Özler, B. (forthcoming) "Transactional Sex in Malawi," in S. Cunningham and M. Shah (editors), *Handbook of the Economics of Prostitution*, Oxford University Press.
2. Baird, S., Chirwa, E., de Hoop, J., and Özler, B. (forthcoming) "Girl Power: Cash Transfers and Adolescent Welfare. Evidence from a Cluster-Randomized Experiment in Malawi," in S. Edwards, S. Johnson, D. Weil (editors), *NBER Volume on African Economic Successes*, University of Chicago Press.
3. Baird, S. and Özler, B. (2015) "Conditional Cash Transfers: Influence on Marriage and Fertility," in James D. Wright (editor in chief), *International Encyclopedia of the Social and Behavioral Sciences, 2nd Edition, vol.4*. Oxford: Elsevier. pp. 555559
4. Baird, S., Beegle, K., and Friedman, J. (2012) "Economic Crisis and Adolescent Mental Health," in M. Lundberg and A. Wuermli (editors), *Children and Youth in Crisis: Protecting and Promoting Human Development in Times of Economic Shocks*, World Bank.
5. Baird, S., Beegle, K., and Friedman, J. (2012) "Shocks, Health and Nutrition during Early Childhood," in M. Lundberg and A. Wuermli (editors), *Children and Youth in Crisis: Protecting and Promoting Human Development in Times of Economic Shocks*, World Bank.

## MANUSCRIPTS UNDER REVIEW AND WORKING PAPERS

- Baird, S., Bohren, A., McIntosh, C., and Özler, B. "Designing Experiments to Measure Spillover Effects," University of Pennsylvania PIER Working Paper No. 14-006; World Bank Policy Research Working Paper No. 6824; Revise and Resubmit. *Review of Economics and Statistics*. January 2016.
- Baird, S., Hamory, J., and Miguel E. (2008), "Lessons from the Field: Tracking, Attrition and Data Quality in the Kenya Life Panel Survey Round1 (KLPS-1)," CIDER Working Paper, UC Berkeley.

## WORK IN PROGRESS

- "When the Money Runs Out: Evaluating the Longer-Term Impacts of a Two Year Cash Transfer Program" with Craig McIntosh and Berk Özler.
- "Climate Variability and Infant Mortality in Africa," with Jed Friedman and Marc Smitz.
- "Determinants of Infant Survival: Revisiting the Role of Maternal Education," with Jed Friedman and Ellen Umapathi.
- "Combining a structural model and a randomized experiment in Malawi to study policy impacts of conditional and unconditional cash transfer programs," with Berk Özler, Gil Shapira, and Petra Todd.
- "Investing at the Bottom of the Pyramid: Experimental Evidence on Business Activity and Group Cohesion from Tanzania," with Craig McIntosh, Berk Özler and Jedrzej Zieleniak.
- "HIV prevention among young women in sub-Saharan Africa: statistical and epidemiological modeling to unite biological, sociological, behavioral and epidemiological science," with Roxanne Beauclair, Wim Delva, Berk Özler, and Craig McIntosh

## PERMANENT WORKING PAPERS AND REPORTS

- Vaithianathan, R., Wilson, M., Maloney, T. and Baird, S. (2016), "The Impact of the Family Start Home Visiting Programme on Outcomes for Mothers and Children: A Quasi-Experimental Study." Wellington: Ministry of Social Development.

Baird, S, Chirwa, E, McIntosh, C, and Özler, B, 2015. What happens once the intervention ends? The medium-term impacts of a cash transfer programme in Malawi, 3ie Impact Evaluation Report 27. New Delhi: International Initiative for Impact Evaluation (3ie)

Baird, S., McIntosh, C. and Özler, B. (2009), "Designing Cost-Effective Cash Transfer Programs to Boost Schooling in Sub-Saharan Africa" World Bank Policy Research Working Paper 5090.

## POPULAR PRESS

*The Economist*, Pennies from Heaven, October 26, 2013.

*The Atlantic*, Paying Teens Not to Have Sex, What Mississippi Can Learn from Malawi, August 12, 2013.

*GW Today*, Prevention Pays Off, March 12, 2012.

*Slate*, Want to Get Young Women to Use Condoms? Give Them Money, March 1, 2012.

*BBC Health Check*, Paying People to be Healthy, February 22, 2012.

*Voice of America*, Fighting Poverty, Protecting Women from HIV, February 16, 2012.

*The Economist*, A drug called money, February 15, 2012.

*The Guardian*, Cash payments help cut HIV infection rate in young women, study finds, February 14, 2012.

*Bloomberg*, African Girls Getting World Bank Cash Deters Sugar Daddies, March 15, 2011.

*NPR*, Helping the Poor, with Conditions February 9, 2011.

*Newsweek*, A New Fix for the Needy, October 25, 2010.

*New York Times*, African Studies Give Women Hope in HIV Fight, July 19, 2010.

*Financial Times*, HIV cut in Africa by paying teenagers, July 19, 2010.

*BBC*, Paying to Change Behavior, July 19, 2010.

*Experiments in Governance and Politics (EGAP) Policy Brief*, Is it the cash or condition in Malawi, 2015.

*INSIGHTS*, Does Money Talk?, May 13, 2015.

*National Public Radio*, What it Takes to Lift Families out of Poverty, May 15, 2015.

*STM Digest*, The Surprising Effects of HIV Testing, May 19, 2015.

*VOX*, Mass Deworming: (Still) a Best Buy for Development, August 11, 2015.

## FUNDED RESEARCH GRANTS

Department for International Development (DfID), Global Girls Research Initiative (Total Award: £26.4 million) 2015-2024, (Impact Evaluation Lead).

The World Bank, The Dynamics of Wealth and Well-Being in Ethiopia (Total Award: \$163,752), 2015-2016, (PI).

Ministry of Social Development (New Zealand), MSD Home Visitation Study (Total Award: NZ\$70,500), 2014-2015, (co-investigator).

Research Foundation - Flandres (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO), HIV prevention among young women in sub-Saharan Africa: statistical and epidemiological modelling to unite biological, sociological, behavioural and epidemiological science (Total Award: €298,072),

2014-2017 (collaborator)

Behavioral Economics of Reproductive Health Initiative (University of California, Berkeley), Empowering Young Women in Malawi: A Mixed Methods Approach (Total Award: \$10,347), 2013-2014, (co-PI)

Performance Based Resource Fund (University of Otago), Cost Effectiveness Analysis of Laboratory Services in Low-Resource Settings (Total Award: NZ\$10,015), 2013-2014 (co-PI)

Research Support Budget (World Bank), Tracking the Long-Term Effects of a CCT Program in Sub-Saharan Africa: Augmenting Survey Data with Biomarkers (Total Award: \$91,920), 2012-2013 (co-PI)

National Institute of Health R01, Estimating the Impacts of Health and Human Capital Investments on Long-run Life Outcomes in Kenya-Evidence from Three Randomized Experiments (Yearly Direct Costs: \$437,950), 2011-2016 (co-investigator).

3ie-DfID-AusAID Joint Call for Systematic Reviews, What is the evidence of the relative effectiveness and cost effectiveness of conditional cash transfers versus unconditional cash transfers in improving health, education, and household welfare (Total Award: \$56,881), 2011-2012 (PI).

National Institutes of Health R24 Medical Education Partnership Initiative, Coordinating Center: Fostering African Medical Education Community of Excellence (Yearly Direct Costs: \$2,290,000), 2010-2015 (co-investigator)

International Initiative for Impact Evaluation (3ie) Open Window 2, Understanding the Long Term Impacts of a Schooling Conditional Cash Transfer Program (Total Award \$850,354), 2010-2014 (PI).

Research Support Budget (World Bank), Unpacking the Impact of a Randomized Conditional Cash Transfer Program in Sub-Saharan Africa (Total Award: \$540,000), 2009-2010 (Co-PI).

National Bureau of Economic Research Africa Project , Schooling Quality and Quantity: What Impact Does It Have on Health in Malawi? (Total Award: \$65,000), 2009-2010 (PI).

World Development Report 2007 Small Grants Program, Schooling Income and HIV Risk in Malawi (Total Award: \$50,000), 2008 (Co-PI).

Spanish Impact Evaluation Fund, Tanzania–Impact Evaluation of TASAF II (Total Award: \$170,000), 2007-2008 (Co-PI).

## HONORS AND FELLOWSHIPS

Social Science Research Council Fellowship in Applied Economics, 2004.

Sidney Hoos' Award for Best Second Year Econometrics Paper, 2003.

## ADDITIONAL PROFESSIONAL EXPERIENCE

Consultant. *International Food Policy Research Institute, Poverty, Health and Nutrition Division*, December 2014-2015

Short-term Consultant. *The World Bank*. Commissioned author for chapter on health in book entitled *Children and Youth in Crisis* , 2011-2012

Short-term Consultant. *The World Bank*. Consultant on project entitled "Understanding the relationship between macroeconomic crises and child health," 2005

**TEACHING EXPERIENCE**

*George Washington University. Department of Global Health*

Global Health Economics and Finance (Master's), 2010, 2011, 2012, 2013, 2015, 2016

Doctoral Research Methods III (Doctoral), 2011, 2015

Doctoral Research Methods II (Doctoral), 2011

Study Design and Ethics (Master's), 2009, 2010.

Quantitative Data Collection and Data Analysis (Master's), 2009, 2010, 2011

Advanced Topics-Leadership in the International Setting (Doctoral), 2009

Advanced Topics-Health Research in the Global Arena (Doctoral), 2011

Policy Methods(Master's), 2010.

Comparative Regional Determinants, Sub-Saharan Africa Region (Master's), 2010, 2011

*University of Otago. Department of Economics*

Quantitative Analysis for Business (Undergraduate), 2014

*University of Otago. Preventive and Social Medicine*

Health Economics (Diploma Public Health), 2013

*University of California at San Diego. School of International Relations and Pacific Studies*

Corporate Strategy and the Environment (Master's), 2008, 2009.

*University of California at Berkeley. Agricultural & Resource Economics:*

Introductory Applied Econometrics, Graduate Teaching Assistant (Undergraduate), 2006.

Economics of Water Management, Graduate Teaching Assistant (Undergraduate), 2006.

Graduate Introductory Econometrics, tutor and grader (Doctoral), 2003.

**INVITED SEMINARS AND CONFERENCE PRESENTATIONS**

2015: Middlebury College, Washington Area Development Economics Association (Washington, DC), University of Oklahoma, PopPov Annual Conference (Addis Ababa, Ethiopia), Identifying What Works: Using Randomized Control Trials in Public Policy (Wellington, New Zealand), Otago International Health Research Network (Dunedin, New Zealand), COR-NTD: How to Make a Case for Deworming (Philadelphia, PA), Big Impact: Creating Conditions for Women and Girls to Thrive (Center for Global Development, Washington, DC), University of Maryland

2014: American Society of Tropical Medicine and Hygiene (New Orleans, USA)

2013: Melbourne Workshop in Development Economics (Melbourne University), University of New South Wales, Campbell Colloquium (Chicago, USA), International Health Economics Association (Sydney, Australia), Econometric Society Australasian Meeting (Sydney, Australia), Labor Econometrics Workshop (University of Melbourne), University of Otago, Otago International Health Research Network (OIHRN) (University of Otago), University of Melbourne, Otago Development Workshop (University of Otago), Monash Development Workshop (Monash University)

2012: GWU Elliot School's Latin America and Hemispheric Studies Program, UCSD Division of Global Public Health, GWU Department of Global Health, Population Association of America Annual Meeting (San Francisco, CA), MEPI Annual Symposium (Ethiopia), University of Otago

2011: JPAL Africa Launch (Cape Town, South Africa), Population Association of America Annual Meeting (Washington, DC), Unite for Site Conference at Yale University, Children and Youth in Crisis Conference (Marbach, Germany), BREAD (two papers accepted), Center for Global Development, International Health Economics Association 8th World Congress (Toronto, Canada), NBER Summer Institute Labor Studies (paper accepted), Agricultural and Applied Economics

Association Annual meeting (Pittsburgh, PA), University of Auckland, University of Waikato, University of Otago, World Health Summit (Berlin), American University, University of Namur, Paris School of Economics

2010: George Washington University, International Food Policy Research Institute, Eleventh Annual Global Development Conference (Prague), American Society of Health Economists (ASHE) Conference at Cornell University, NBER African Development Successes Conference (Accra, Ghana), George Washington University Mini University, Africare (Washington, DC)

2009: Center for the Study of African Economies (CSAE) Conference at Oxford University, Pacific Development Conference at San Francisco State University, Midwest International Economic Development Conference at Minnesota University, Pomona College, Claremont McKenna College Joint Science Department, Marian Miner Cook Athenaeum at Claremont McKenna College, University of California at Berkeley, Meeting on the Evaluation of Cash Transfer Schemes in Africa (Washington, DC), Research Workshop on Gender and Crisis (World Bank), Paris School of Economics, Toulouse School of Economics, Global Forum for Health Research Forum 2009 (Cuba), Measurement Conference (World Bank), NBER African Development Successes Conference (Cambridge, MA)

2008: Pacific Development Conference at University of California at San Diego, George Washington University

2007: University of California at Berkeley, University of California at San Diego, Williams College, Resources for the Future, Macalester College, Swarthmore College, Towson University

2006: University of California at Berkeley, Center for the Study of African Economies (CSAE) Conference at Oxford University, Northeastern University Development Conference (NEUDC) at Cornell University, Population Association of America (PAA) Meetings (Los Angeles)

2005: University of California at Berkeley

## PROFESSIONAL MEMBERSHIPS

Agricultural and Applied Economics Association, since 2012

American Economic Association, since 2010

International Health Economics Association, since 2009

Population Association of America, since 2011

## PROFESSIONAL SERVICE

Referee for *Annals of Epidemiology*, *American Economic Review*, *American Economics Journals: Applied Economics*, *American Journal of Agricultural Economics*, *American Journal of Preventive Medicine*, *American Journal of Public Health*, *Center for Global Development Working Paper Series*, *Contemporary Economics Policy*, *Demography*, *Eastern Economic Journal*, *Economic Development and Cultural Change*, *Economic Inquiry*, *Economic Journal*, *Economic Letters*, *Educational Evaluation and Policy Analysis*, *Environment and Development Economics*, *Environmental Management*, *European Journal of Development Research*, *Field Methods*, *Food Policy*, *Global Public Health*, *Health Economics*, *Health Policy and Planning*, *Journal of Adolescent Health*, *Journal of African Economics*, *Journal of Biosocial Science*, *Journal of Comparative Social Welfare*, *Journal of Development Economics*, *Journal of Development Effectiveness*, *Journal of Development Studies*, *Journal of the European Economic Association*, *Journal of Globalization and Development*, *Journal of Health Economics*, *Journal of Human Resources*, *Journal of Policy Analysis and Management*, *Journal of Population Economics*, *New Zealand Medical Journal*, *Oxford Development Studies*, *Oxford Press*, *PLOS Neglected Tropical Diseases*, *PLOS One*, *Quarterly Journal of*

*Economics, SAGE, Science, The Lancet, The Review of Economics and Statistics, World Bank Economic Review, World Development*

Grant Review: American Association for the Advancement of Science, International Initiative for Impact Evaluation (3ie), John Templeton Foundation, IZA-DFID, Medical Research Council (UK), National Institutes of Health, National Science Foundation, Research Foundation - Flanders (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO)

Scientific Program Committee Member: Global Health Mini University (2014, 2015), PopPov Annual Conference (2014-2015)

Expert Roster, International Initiative for Impact Evaluation (3ie), Appointed Member, 2010-

External Project Advisor, International Initiative for Impact Evaluation (3ie), 2012-

Master's Thesis Advisor for over 30 Master's students

Undergraduate Honors Thesis Advisor: Emily Adams

PhD/DRPH Dissertation Committees: Elle Andres (member), Jennifer Malia (Chair), Ronald Mutasa (Chair), Apsara Nepal (Member), Pierre Pratley (member), Mahesh Shukla (member), Melissa Ward-Peterson (Member)

PhD/DRPH External Reader: Saher Asad (GWU Economics), Fenohasina Maret-Rakotondrazaka (GWU Economics), Bentry Mkwara (University of Waikato)

## **PERSONAL INFORMATION**

New Zealand Citizen

US Permanent Resident