

Zoë M. McLaren

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POSITIONS HELD

Associate Professor, School of Public Policy, University of Maryland, Baltimore County (2018-Present).

Assistant Professor, Department of Health Management and Policy, School of Public Health, University of Michigan (2010-2018).

Visiting Scholar, International Institute for Economic Policy, Elliot School of International Affairs, George Washington University (2017).

External Affiliate, Health Econometrics and Data Group, York University (2016-present).

Research Affiliate, IZA Institute for the Study of Labor (2010-2016).

Faculty Associate, Center for Global Health, University of Michigan (2011-2013).

EDUCATION

Ph.D. Public Policy and Economics, University of Michigan (2010).

Fields: Labor Economics, Development Economics, Health Economics.

B.A. Government and Biology with High Honors, Dartmouth College (2000).

ECONOMICS PUBLICATIONS

McLaren, Z. 2019. Coping with Intra-Household Job Separation in South Africa's Labor Market. In press at *Economic Development and Cultural Change*.

Bailey, M., O. Malkova and **Z. McLaren**. 2019. Does Family Planning Increase Children's Economic Resources? Evidence from the War on Poverty and the Early Years of Title X. In press at *Journal of Human Resources*.

Burger, R and **Z. McLaren**. 2017. An Econometric Method for Estimating Population Parameters from Non-Random Samples: An Application to Clinical Case Finding. *Health Economics* 26 (9), 1110-1122.

Levinsohn, J., **Z. McLaren**, O. Shisana and K. Zuma. 2013. "HIV Status and Labor Market Participation in South Africa." *Review of Economics and Statistics*, March, 95(1): 98-108.

Banerjee, A., S. Galiani, J. Levinsohn, **Z. McLaren** and I. Woolard. 2008. "Why Has Unemployment Risen in the New South Africa?" *Economics of Transition*, 16(4): 715-740.

PUBLIC HEALTH PUBLICATIONS

McLaren, Z., A. Sharp, E. Brouwer and A. Nanoo. 2018. The Impact of AIDS Treatment on Tuberculosis Detection at the National Level in South Africa. *American Journal of Tropical Medicine and Hygiene* 99(6): 1407 – 1414.

Sharp, A, J.T. Donahoe, J. Barocio, A. Milliken, S. Charalambous and **McLaren, Z.** 2018. Do Incarcerated Populations Act As A Disease Reservoir for Tuberculosis in South Africa? *American Journal of Tropical Medicine and Hygiene* 99(6): 1390 – 1396.

Bam, L., **Z. McLaren**, E. Coetzee and K.H. von Leipzig. 2017. Reducing stock-outs of essential tuberculosis medicines: A system dynamics modelling approach to supply chain management. *Health Policy and Planning* 32(8): 1127-34.

McLaren, Z., Sharp, A., Hessburg, J., Sabet Sarvestani, A., Parker, E., Akazili, J, Johnson, T.R.B. and Sienko, K. 2017. Cost effectiveness of medical devices to diagnose pre-eclampsia in low-resource settings. *Development Engineering* 2, 99-106.

McLaren, Z., A. Sharp, J. Zhou, S. Wasserman and A. Nanoo. 2016. Assessing Health Care Quality Using Routine Data: Evaluating the Performance of the National Tuberculosis Programme in South Africa. *Tropical Medicine and International Health* 22 (2), 171-179.

McLaren, Z., K. Schnippel and A. Sharp. 2016. A Data-Driven Evaluation of the Stop TB Global Partnership Strategy of Targeting Key Populations at Greater Risk for Tuberculosis. *PLoS One* 11(10): e0163083.

McLaren, Z., A. Milliken, A. Meyer and A. Sharp. 2016. Does Directly Observed Therapy Improve Tuberculosis Treatment? More Evidence Is Needed To Guide Tuberculosis Policy. *BMC Infectious Diseases* 16:537.

McLaren, Z., Brouwer, E., Ederer, D., Fischer, K. and Branson, N. 2015. “Gender patterns of tuberculosis testing and disease in South Africa.” *International Journal of Tuberculosis and Lung Disease* 19(1):104-110.

McLaren, Z. Equity in the national rollout of public AIDS treatment in South Africa 2004-08. 2014. *Health Policy and Planning* 30(9), 1162-1172.

McLaren, Z., C. Ardington and M. Leibbrandt. 2014. “Distance decay and persistent health care disparities in South Africa.” *BMC Health Services Research* 14.1 (2014): 541.

Moyer CA, **McLaren Z.**, Adanu RM, Lantz PM. 2013. “Understanding the relationship between access to care and facility-based delivery through an analysis of 2008 Ghana Demographic Health Survey data.” *International Journal of Gynecology and Obstetrics* 122: 224-229.

R.G. Majelantle, K. Bainame and **Z. McLaren.** 2010. “Knowledge and Risky Behaviours Associated with the Spread of HIV/AIDS Among Young Persons in Botswana.” *Botswana Notes and Records*, 42:121-133.

WORKING PAPERS - ECONOMICS

McLaren, Z., The Effect of Access to AIDS Treatment on Employment Outcomes in South Africa. (Submitted.)

Bor, J., **Z. McLaren**, F. Tanser and T. Bärnighausen. HIV Treatment as Economic Stimulus: Community Spillover Effects of Mass ART Provision in Rural South Africa. (Draft available.)

Wilde, J. and **Z. McLaren.** The Effect of Ambient Temperature during Pregnancy on Human Sex Ratios at Birth. (Draft available.)

RESEARCH IN PROGRESS

McLaren, Z. R. Burger and T. McCormick. Estimation in the presence of selection on unobservables: an approach using econometric and machine learning methods.

McLaren, Z. and K. Schnippel. Developing Rigorous Non-experimental Estimates of the Effectiveness of 9-month All-oral Tuberculosis Regimens that Include Bedaquiline.

McLaren, Z. R. Burger, M. Classens and K. Fielding. New Analytical Methods to Develop Data-Driven Clinical Guidelines to Address the Under-Diagnosis of Drug Resistant TB.

McLaren, Z. Stormborn: The impact of facility-based delivery on maternal and child health and human capital outcomes.

McLaren, Z. and R. Burger. A new econometric method to estimate public servant effectiveness: An application to police vehicle search and seizure.

McLaren, Z. J. Rathausser and E. Yoeli. Evaluating Digital Behavioral Interventions to Increase Tuberculosis Drug Adherence.

INVITED SEMINARS

- 2018 University of Connecticut; University of Massachusetts – Amherst; Wayne State University; McMaster University; Institute for Women’s Policy Research; University of Maryland Baltimore County
- 2017 George Washington University; University of Southern California
- 2016 Erasmus University Rotterdam; University of Michigan Medical School
- 2015 Center for Global Development
- 2014 Center for Statistics and the Social Sciences, University of Washington; Stellenbosch University
- 2013 Stellenbosch University; Public Health Foundation of India; Robert Wood Johnson Scholars
- 2012 University of Chicago; University of Cape Town

CONFERENCE PRESENTATIONS

- 2016 European Workshop on Econometrics and Health Economics; AIDS; International AIDS Economics Network; Annual Worldbank Conference on Development Economics; Midwestern International Economics Conference; Center for the Study of African Economies; Union World Conference on Lung Health
- 2015 Union for African Population Studies; Union World Conference on Lung Health; Microeconomic Analysis of South Africa; International Health Economics Association; Population, Reproductive Health and Economic Development Conference (PopPov); Population Association of America
- 2014 North East Universities Development Consortium; Microeconomic Analysis of South Africa Conference
- 2013 North East Universities Development Consortium; Population Association of America; American Society of Health Economists; International Health Economics Association; Population Poverty Research Network; Microeconomic Analysis of South Africa Conference
- 2012 Unite for Sight Global Health Conference, Yale University; Population Association of America; American Society of Health Economists; Population Poverty Research Network; Microeconomic Analysis of South Africa Conference

FELLOWSHIPS AND AWARDS

Hewlett Foundation/Population Reference Bureau, 2012, \$76,087.
Faculty Pilot Research Award, University of Michigan, 2012, \$20,000.
Center for Global Health, 2012, \$74,000.
Rackham School of Graduate Studies Spring/Summer Research Grant, 2012, \$10,000.
Institute for Women and Gender Faculty Seed Grant, University of Michigan, 2012, \$3,640.
McNerney Award, University of Michigan, 2011, \$25,000.
National Poverty Center, University of Michigan, 2011, \$8,600.
Hewlett/IIIE Dissertation Fellowship in Population, Reproductive Health and Economic Development, 2009-2011.
Doctoral Research Award, Nonprofit and Public Management Center, 2009.

TEACHING EXPERIENCE

Metrics and Methods for Measuring Health Disparities, University of Maryland Baltimore County, 2018- Present.
Statistical Applications in Evaluation Research, University of Maryland Baltimore County, 2018- Present.
The Economics of Health Management and Policy II, University of Michigan, 2011 - 2018.
The Economics of Health Management and Policy (Executive Masters), University of Michigan, 2011 - 2018.
Health Policy Challenges in Developing Countries, University of Michigan, 2011 - 2018.
Applied Policy Analysis Using STATA, University of Michigan, 2015 - 2016.
Economics of Markets for Human Components, University of Michigan, 2009.
Advanced Topics in Macroeconomics, University of Michigan, 2007.
Principles of Microeconomics, University of Michigan, 2006.
Topics in Macroeconomics, University of Michigan, 2005-2006.

REFEREE EXPERIENCE

ECONOMICS: World Bank Economic Review, American Economic Journal: Economic Policy, Journal of Development Economics, Health Economics, American Economic Journal: Applied Economics, Economic Development and Cultural Change, South African Journal of Economics, Development South Africa, Journal of African Economies, The B.E. Journal of Economic Analysis and Policy.

PUBLIC HEALTH: Lancet, PLoS One, Journal of the International AIDS Society, International Journal of Tuberculosis and Lung Disease, Health Affairs, Public Health, BMC Public Health, BMC Health Services Research, AIDS.

REFERENCES

Rich Hirth	Jeffrey Smith	T. Paul Schultz
Health Management and Policy	Department of Economics	Department of Economics
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