

Linden McBride

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Education

Ph.D., Applied Economics and Management, Charles H. Dyson School of Applied Economics and Management, Cornell University, Ithaca, NY, August 2018.

M.A., International Development, School of International Service, American University, Washington, DC, May 2011.

M.A., British and American Literature, Marquette University, Milwaukee, WI, May 2008.

B.A., Sociology and Anthropology, *summa cum laude*, St. Mary's College of Maryland, St. Mary's City, MD, May 2003.

Research and Academic Appointments

U.S. Census Bureau, May 2021 - present.

Research Economist, Center for Economic Studies

St. Mary's College of Maryland, August 2018 - July 2021.

Assistant Professor, Department of Economics

Research fields: Economics of poverty and mobility, agricultural economics, applied econometrics

Teaching fields: Econometrics, Statistics, Labor Economics, Health Economics

Journal Articles

McBride, L., B. Foster, R. Bhaskar, M. Prell, M. Perez-Patron, E. Vickstrom, B. Knop, & M. Dillon. 2022. Integrating administrative and survey data to estimate WIC eligibility and access. Accepted, *Journal of Survey Statistics and Methodology*.

Browne C, D. Matteson, **L. McBride**, L. Hu, Y. Liu, Y. Sun, J. Wen, & C. B. Barrett (2021) Multivariate random forest prediction of poverty and malnutrition prevalence. *PLoS ONE* 16(9): e0255519. <https://doi.org/10.1371/journal.pone.0255519>

McBride, L., C. B. Barrett, C. Browne, L. Hu, Y. Liu, D. Matteson, Y. Sun, & J. Wen (2021). Predicting poverty and malnutrition for targeting, mapping, monitoring, and early warning. *Applied Economic Perspectives and Policy* 1– 14. <https://doi.org/10.1002/aep.13175>

Berazneva, J., **L. McBride**, M. Sheahan, & D. Güereña (2018). Empirical assessment of subjective and objective soil fertility metrics in east Africa: Implications for researchers and policy makers. *World Development*, 105: 367–382. DOI: 10.1016/j.worlddev.2017.12.009

McBride, L. & A. Nichols (2016). Retooling poverty targeting using out-of-sample validation and machine learning. *World Bank Economic Review*, lhw056. DOI: 10.1093/wber/lhw056

Barrett, C. B., T. Garg, & **L. McBride** (2016). Well-being dynamics and poverty traps. *Annual Review of Resource Economics*, 8: 303-327. DOI: 10.1146/annurev-resource-100815-095235

McBride, L. (2016). A comment on “The welfare impacts of commodity price volatility: Evidence from rural Ethiopia.” *American Journal of Agricultural Economics*, 98(2): 670-675. DOI: 10.1093/ajae/aav055

Nin Pratt, A. & **L. McBride** (2014). Agricultural Intensification in Ghana: Evaluating the Optimist’s Case for a Green Revolution. *Food Policy*, 48: 153-167. DOI: 10.1016/j.foodpol.2014.05.004 [Received Elsevier Atlas “Research for a better world” award February 2015]

Book Chapters

Benin, S., **L. McBride**, & T. Mogues (2016). Why do African countries underinvest in agricultural R&D? In *Agricultural research in Africa: Investing in future harvests*. Eds. J. Lynam, N. Beintema, J. Roseboom, & O. Badiane. Washington, DC: ASTI.

McBride, L. (2015). Evaluation of targeting methods and impact of the cash transfer pilot in Niger. In *Effective targeting mechanisms for the poor and vulnerable in Africa*, Eds. Carlo del Ninno & Bradford Mills. Washington, DC: World Bank. Available at <http://documents.worldbank.org/curated/en/2015/01/23963135/safety-nets-africa-effective-mechanisms-reach-poor-most-vulnerable>

Berhane, G., **L. McBride**, K. Hirfrfot, & S. Tamiru (2012). Patterns in foodgrain consumption and calorie intake. In *Food and agriculture in Ethiopia: Progress and policy challenges*. Eds. P. Dorosh & S. Rashid. Philadelphia, PA: University of Pennsylvania Press. Available at <http://ebrary.ifpri.org/cdm/ref/collection/p15738coll2/id/127347>

Working Papers

McBride, L. (2020). The economic effects of issuing federally non-compliant drivers’ licenses

McBride, L. (2020). Heterogenous welfare dynamics and structural transformation.

Nichols, A. & **L. McBride** (2019). Propensity scores and causal inference using machine learning methods.

McBride, L. & L. Bevis. (2018). Risk, returns, and welfare.

Mogues, T., B. Yu, S. Fan & **L. McBride** (2012). The impacts of public investments in and for agriculture: Synthesis of the existing evidence. ESA Working Paper No. 12-07. Agricultural Development Economics Division, Food and Agriculture Organization of the United Nations. Available at www.fao.org/docrep/016/ap108e/ap108e.pdf

Benin, S., A. Kennedy, M. Lambert & **L. McBride** (2010). Monitoring African agricultural development processes and performance: A comparative analysis. Regional Strategy and Knowledge Support System Annual Trends and Outlook Report. Washington, D.C.: International Food Policy Research Institute. Available at www.resakss.org/sites/default/files/pdfs//monitoring-african-agricultural-development-proces-50920.pdf

Other Publications

McBride, L. & E. Quiñones (2019). The puzzling persistence of rural poverty. *UNDP IPC-IG Policy in Focus*, 16(1): 14-15.

Invited Seminars

Food Security Portal, Virtual Seminar (28 July 2021). Using Big Data and Machine Learning to Predict Poverty and Malnutrition for Targeting, Mapping, Monitoring, and Early Warning (with C. B. Barrett, C. Browne, L. Hu, Y. Liu, D. Matteson, Y. Sun, & J. Wen)

WHY Kentucky Symposium on Policy Evaluation and Causal Inference, Louisville, KY (14 March 2020). Propensity scores and causal inference using machine learning (with A. Nichols).

Virginia Tech University, Department of Agricultural and Applied Economics, Blacksburg, VA (13 February 2020). Heterogeneous welfare dynamics and structural transformation.

University of Illinois Urbana-Champaign, Department of Agricultural and Consumer Economics, Urbana-Champaign, IL (27 January 2020). Propensity scores and causal inference using machine learning (with A. Nichols).

Towson University, Department of Economics, Towson, MD. (14 March 2019). Heterogeneous welfare dynamics and structural transformation.

The Urban Institute, Washington, DC. (25 July 2014). Classification using machine learning: An application to the USAID poverty assessment tool (with A. Nichols).

University of Minnesota Trade and Development Seminar Series, Mpls, MN. (19 Dec 2014). Improved proxy means test targeting through machine learning: An application to the USAID Poverty Assessment Tools (with A. Nichols).

Conference Presentations

2022 FCSM Conference, Washington, DC. (25 October 2022). Estimating Women's Eligibility for WIC: Postpartum and Breastfeeding Women (with M. Perez Patron & R. Bhaskar).

2021 ASSA Virtual Conference, (4 January 2021). Forecasting Correlated Poverty and Malnutrition Indicators for Targeting, Monitoring and Evaluation Purposes (with C. Barrett, C. Browne, L. Hu, Y. Liu, D. Matteson, Y. Sun, & J. Wen).

2020 APPAM Virtual Conference, (12 November 2020). The economic effects of issuing federally non-compliant drivers' licenses.

2019 AAEA Conference, Atlanta, GA. (22 July 2019). Propensity scores and causal inference using machine learning methods (with A. Nichols).

2017 APPAM Conference, Chicago, IL. (4 November 2017). Heterogeneous welfare dynamics.

2016 International Conference on Computational Sustainability, Ithaca, NY. (7 July 2016). Retooling poverty targeting using out-of-sample validation and machine learning (lightening presentation) (with A. Nichols).

2016 Midwest International Economic Development Conference, Minneapolis, MN. (7 May 2016). Perceived, measured, and estimated soil fertility: Implications for farmer management practices in East Africa (with J. Berazneva, M. B. Sheahan, and D. Guerená).

2015 APPAM Conference, Miami, FL. (14 November 2015). Propensity scores and causal inference using machine learning (with A. Nichols).

2014 AAEA Conference, Mpls, MN. (29 July 2014). Exploring food commodity price risk preferences among Tanzanian households.

2014 Stata Conference, Boston, MA. (31 July 2014). Classification using stochastic ensemble methods in Stata and R (with A. Nichols).

Other Academic & Professional Experience

Consultant, St. Mary's County Health Department, May 2020 - July 2021.

Consultant, Harnessing big data and machine learning to feed the future, Cornell University, 2019 - 2021.

Teaching Assistant, Co-Instructor, Dyson School of Applied Economics and Management, Cornell University, 2013 - 2016, 2018.

Helpdesk Consultant, Cornell Institute for Economic Research, Cornell University, 2014 -2015.

Consultant, World Bank, 2011 - 2012, 2015 - 2017.

Senior Research Assistant, Development Strategy and Governance Division, International Food Policy Research Institute, 2010 - 2012.

Lecturer, English Department, Marquette University, 2007 - 2009.

Peace Corps Volunteer, Burkina Faso, 2003 - 2005.

Grants & Fellowships

St. Mary's College of Maryland Faculty Development Grant (November 2018, November 2019)

Engaged Learning + Research Grant to support community based research in Nanyuki, Kenya (June 2013)

St. Mary's College of Maryland Alumni Doctoral Scholarship (August 2012)

Cornell Graduate Fellowship (August 2012)

American University Graduate Merit Award (August 2009)

Awards

Elsevier Atlas "Research for a better world" award for paper with A. Nin-Pratt, "Agricultural Intensification in Ghana: Evaluating the Optimist's Case for a Green Revolution" (February 2015).

Golden Apple Outstanding Graduate Teaching Assistant Award, College of Life and Agricultural Sciences (CALS), Cornell University (May 2014).

Academic Service

Board Member, Society of Government Economists, 2022 - present

Editorial Board Member, Data Science in Science, Taylor and Francis Online Journal, 2022 - present

Organizer, R-Ladies Lexington Park, 2019 - 2021

Reviewer

American Journal of Agricultural Economics, Nature, Journal of the Royal Statistical Society, Journal of Development Economics, Journal of Development Studies, Agricultural Economics, Agricultural and Resource Economics Review, World Development, Food Policy, AAEA Choices Magazine, and Journal of African Economies, Socio-Economic Planning Sciences.

Certifications and Trainings

200 Hour Certified Yoga Teacher

Last updated: November 8, 2022