

Kenneth Leonard

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Department of Agricultural and Resource Economics
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PERSONAL INFORMATION

Academic Appointments

2021-present, Professor of Agricultural and Resource Economics

- 2024-present, Chair of the Department of Agricultural and Resource Economics
- 2009-2021, Associate Professor of Agricultural and Resource Economics
- 2003-2009, Assistant Professor of Agricultural and Resource Economics
- 1997-2003, Assistant Professor of Economics, Columbia University

Additional appointments

- 2019-2020, Fulbright Scholar, Ashesi University, Ghana
- 2005-present, Faculty Associate, Maryland Population Research Council
- 2012, Visiting Scholar, Ifakara Health Institute, Tanzania

Educational Background

1997, Ph.D., Agricultural and Resource Economics, University of California at Berkeley

- 1989, B.A., Economics and Political Science, Swarthmore College

RESEARCH

Books

2022, Leathers, H. D., Leonard, K.L.# The World Food Problem: Toward Understanding and Ending Undernutrition in the Developing World. Lynne Reiner, Boulder Colorado.

Papers in Peer Reviewed Journals

1. 2025, Bakhtiar, M. M.#*, Fafchamps, M.* , Goldstein, M., Leonard, K.L.* , Papineni, S., To Defer or to Differ: Experimental Evidence on the Role of Cash Transfers in Nigerian Couples' Decision-Making. *The Economic Journal*, 135 (669), 1536-1574.
2. 2024, Leonard, K.L.* , Hompashe, D. Untapped human capital in Africa. *International Journal of Educational Development*, 109.
3. Flory, J.#, Leonard, K.L.* , Tsaneva, M.#, Vasilaky, K.#* (2023). How social structure shapes female competition throughout her lifetime. *Journal of Economic Behavior & Organization*, 216, 433-456.

4. 2022, Buehren, N, Goldstein, M., Leonard, K.L., Montalvao, J. Vasilaky, K.#, Spillover Effects of Girls' Empowerment on Brothers' Competitiveness: Evidence from a Lab-in-the-Field Experiment in Uganda, *Economic Development and Cultural Change*, 70 (2).
5. 2019, Tumlinson, K., Jaff, D., Stilwell, B., Onyango, D. O., Leonard, K.L., Reforming medical education admission and training in low- and middle-income countries: who gets admitted and why it matters. *Human Resources for Health*, 17(1).
6. 2018, Wambogo, E. A.#, Ghattas, H., Leonard, K.L., Sahyoun, N. R., Validity of the Food Insecurity Experience Scale for Use in Sub-Saharan Africa and Characteristics of Food-Insecure Individuals. *Current Developments in Nutrition*, 2(9).
7. 2018, Brock, J.M.#, Lange, A., Leonard, K.L.* , Giving and Promising Gifts: Experimental Evidence on Reciprocity from the Field, *Journal of Health Economics*, Volume 58, March 2018, Pages 188-201
8. 2018, Flory, J.#, Gneezy U., Leonard, K.L.* and J. List, Outgrowing the Gender Gap in Competitiveness, *Journal of Economic Behavior and Organization*, Volume 150, June 2018, Pages 256-276
9. 2018, Vasilaky, K.# and Leonard, K.L.* , As Good as the Networks They Keep: Expanding Farmer's Social Networks via Randomized Information Exchange in Rural Uganda, *Economic Development and Cultural Change*, 66, no. 4 (July 2018): 755-792.
10. 2017, Leonard, K.L.* and Masatu, M.C., Changing Provider Performance through Measurement: The Long Term Impacts of a Program to Encourage Quality in Outpatient Care, *Social Science and Medicine*, 181: 54-65.
11. 2016, Brock, J.M.#, Lange, A., Leonard, K.L.* , Generosity and Prosocial Behavior in Healthcare Provision Evidence from the Laboratory and Field, *Journal of Human Resources*, 51 (1): 133-162
12. 2015, Bawo, L, Leonard K.L.* , and Mohammed, R., Protocol for the evaluation of a quality-based pay for performance scheme in Liberia, *Implementation Science*, 10 (9)
13. 2015, Brock, J.M.#, Lange, A., Leonard, K.L.* , Esteem and social information: On determinants of prosocial behavior of clinicians in Tanzania, *Journal of Economic Behavior & Organization*, 118: 85-94
14. 2014, Leonard, K.L., 'Active Patients' in Rural African Health Care: Implications for Research and Policy, *Health Policy and Planning*, 29(1): 85-95
15. 2013, Hanson, J.C, Essam, T.# and Leonard, K.L.* Listening while Evaluating: Examining the Benefit of an NGO Program using Season Extenders (greenhouses) in Bosnia-Herzegovina, *Journal of Development Effectiveness*, 5(1): 116-136
16. 2012, Brown, M.E*., F. Tondel, F., Essam#, T., Thorne, J.A., Mann, B.F., Leonard, K.L., Stabler, B, and Eilerts, G., Country and regional staple food price indices for improved identification of food security, *Global Environmental Change*, 22(3): 784-794
17. 2010, Leonard, K.L.* and Masatu, M.C., Using the Hawthorne Effect to Examine the Gap between a Doctors Best Possible Practice and Actual Practice, *Journal of Development Economics*, 93(2): 226-243
18. 2010, Leonard, K.L.* and Masatu, M.C., Professionalism and the Know-Do Gap: Exploring Intrinsic Motivation among Health Workers in Tanzania, *Health Economics*, 19(12): 1461-1477
 - Cited in “10 best resources on ... pay for performance in low- and middle-income countries” Ayako Honda *Health Policy and Planning*, Volume 28, Issue 5, 1 August 2013, Pages 454–457

19. 2009, Leonard, K.L., The Cost of Imperfect Agency in Health Care: Evidence from Rural Cameroun, *Journal of Development Economics*, 88(2): 281-291
20. 2009, Klemick, H.#, Leonard, K.L.* and Masatu, M.C., Defining Access to Health Care: Evidence on the Importance of Quality and Distance in Rural Tanzania, *American Journal of Agricultural Economics*, 91(2): 347-358. 2009
21. 2009, Gneezy, U., Leonard, K.L.* and List J., Gender Differences in Competition: Evidence from a Matrilineal and a Patriarchal Society, *Econometrica*, 77(5): 1637-1664
 - Press coverage: www.theverge.com/2017/8/16/16153740/tech-diversity-problem-science-history-explainer-inequality
 - www.theguardian.com/technology/2017/aug/13/james-damore-google-memo-youtube-white-men-radicalization
22. 2009, Leonard K.L.* , Adelman, S.#, Essam T.#, Idle Chatter or Learning? Evidence of Social Learning about Clinicians and the Health System from Rural Tanzania, *Social Science and Medicine*, 69: 183-190
23. 2008, Leonard, K.L., Is Patient Satisfaction Sensitive to Changes in the Quality of Care? An Exploitation of the Hawthorne Effect, *Journal of Health Economics*, 27(2): 444-459
24. 2008, Leonard, K.L.* and Masatu, M.C., Moving from the Lab to the Field: Exploring Scrutiny and Duration Effects in Lab Experiments, *Economic Letters*, 100(2): 284-287
25. 2008, Das, J., Hammer, J. and Leonard, K.L.*, The Quality of Medical Advice in Low Income Countries, *Journal of Economic Perspectives*, 22(2): 93-114
26. 2008, Leonard, K.L., Do Faith-Based NGOs Represent a Replicable Example for the Delivery of Public Services? An Application to Health Care Delivery in Developing Countries, *Faith and Economics*, 52: 32-59
27. 2007, Leonard, K.L.* , Masatu, M.C. and Vialou, A.#, Getting Doctors to Do Their Best: The Roles of Ability and Motivation in Health Care Quality, *Journal of Human Resources*, 43(2): 682-700
28. 2007, Leonard, K.L.* and Masatu, M.C., Variations in The Quality of Care Accessible to Rural Communities in Tanzania, *Health Affairs*, 26(2): 380-392
29. 2007, Leonard, K.L., Learning in Health Care: Evidence of Learning about Clinician Quality in Tanzania, *Economic Development and Cultural Change*, 55(3): 531-555
30. 2006, Leonard, K.L.* and Masatu, M.C., Outpatient Process Quality Evaluation and the Hawthorne Effect, *Social Science & Medicine*, 63(9): 2330–2340
31. 2005, Leonard, K.L. and J. Graff Zivin, Outcome versus Service Based Payments in Health Care: Lessons from African Traditional Healers, *Health Economics*, 14(6): 575-593.
 - Cited in “What Every Public Finance Economist Needs to Know About Health Economics: Recent Advances and Unresolved Questions” Sherry A. Glied and Dahlia K. Remler *National Tax Journal* Vol. 55, No. 4 (December 2002), pp. 771-788
32. 2005, Leonard, K.L.* and Masatu, M.C., The Use of Direct Clinician Observation and Vignettes for Health Services Quality Evaluation in Developing Countries, *Social Science & Medicine*, 61(9): 1944-1951
33. 2004, Leonard, K.L. and Leonard, D.K., The Political Economy of Improving Health Care for the Poor in Rural Africa: Institutional Solutions to the Principal-Agent Problem, *Journal of Development Studies*, 40(4): 50-77

34. 2003, Leonard, K.L., African Traditional Healers and Outcome-Contingent Contracts in Health Care, *Journal of Development Economics*, 71(1): 1-22
35. 2002, Leonard, K.L., When Both States and Markets Fail: Asymmetric Information and the Role of NGOs in African Health Care, *International Review of Law and Economics*, 22(1): 61-80
36. 2002, Leonard, K.L.*, Mliga, G. and Haile Mariam, D. Bypassing Health Centers in Tanzania: Revealed Preferences for Observable and Unobservable Quality, *Journal of African Economies*, 11(4): 441-471

Chapters in Books

1. 2016, Leonard, K.L.*, O Maestad "Analyzing the Determinants of Health Worker Performance", *Health Labor Market Analysis in Low and Middle Income Countries: An Evidence Based Approach*, Scheffler, Richard M.; Herbst, Christopher H.; Lemiere, Christophe; Campbell, Jim (Eds.), chapter 5
 2. 2016, Leonard, K.L.*, O Maestad "Measuring the Performance of Health Workers", *Health Labor Market Analysis in Low and Middle Income Countries: An Evidence Based Approach*, Scheffler, Richard M.; Herbst, Christopher H.; Lemiere, Christophe; Campbell, Jim (Eds.), chapter 4
- 2013, Leonard, K.L*., P. Serneels, J.M. Brock# and M. C. Masatu, "Health Worker Performance", *Human Resources for Health in "Africa: A New Look at the Crisis*, Agnes Soucat and Richard M. Scheffler (Eds.), chapter 5
4. 2013, Leonard, K.L*., P. Serneels and J.M. Brock#, "Intrinsic Motivation", *Human Resources for Health in Africa: A New Look at the Crisis*, Agnes Soucat and Richard M. Scheffler (Eds.), 255-283
 5. 2012, McNamara, P.E., J.M. Ulimwengu, and K.L. Leonard, "Do Health Investments Improve Agricultural Productivity? Lessons from Agricultural Household and Health Research", *Reshaping Agriculture for Nutrition and Health*, S. Fan and R. Pandya-Lorch (Eds.), 113
 6. 2012, Essam, T.# and Leonard, K.L.*, "Commentary: When Information Becomes Useful", *The Value of Information*, Edited by R. Laxminarayan and M. K. Macauley
 7. 2009, Leonard, K.L., "African Traditional Healers: Are they as Good at Economics as they are at Medicine?", *African Ethics: An Anthology of Comparative and Applied Ethics*
 8. 2008, J. Das and Leonard, K.L*., "Using Vignettes to Measure the Quality of Health Care", *Are You Being Served? New Tools for Measuring Service Delivery*, Amin, S., Das, J. and Goldstein, M. (eds.), chapter 13
 9. 2005, Leonard, K.L., "Collaborations of Mutual Benefit to Academics and Practitioners", *Attacking Poverty in the Developing World: Christian Practitioners and Academics in Collaboration*, Dean, Judith M., Julie Schaffner and Stephen L.S. Smith (eds.), 33
 10. 2003, Leonard, K.L* and G. Mliga, "Bypassing Health Centers in Tanzania: Revealed Preferences for Quality", *Le Financement de la sante dans les pays d'Afrique et d'Asie a fiable revenue*, M. Audibert, J. Mathonnat and Eric de Roodenbeke (eds), 59-76
 11. 2000, Leonard, K.L., "Incentives and Rural Health Care Delivery", *Africa's Changing Markets for Health and Veterinary Services*, 61 -80

Working Papers

1. Viswasam, N., Leonard, K., Kimani-Murage, E., Madhavan, S. Staying fed: Kin networks and food security in informal settlements in Nairobi, Kenya. Center for Open Science. <https://doi.org/10.31235/osf.io/pqdka> 10.31235/osf.io/pqdka
2. Leonard, K., Madhavan, S., Mberu, B., Kitsao-Wekulo, P., Sifuna, P. The Intergenerational Benefits of Kin Education: New Findings from Kenya. Center for Open Science. <https://doi.org/10.31235/osf.io/egkdz> 10.31235/osf.io/egkdz
3. Noh, D. H., Lee, J., Leonard, K. L., Yoon, S. The Direction of the Hawthorne Effect: Evidence from Sexual and Reproductive Health Education in Vietnam. (4523240). <https://papers.ssrn.com/abstract=4523240> 10.2139/ssrn.4523240

* indicates primary authorship or full co-authorship. # indicates current or former graduate student.

SPONSORED RESEARCH AND RESEARCH ACTIVITIES

- Madhavan, S. (Lead Investigator), Leonard, K.L. Stoenbenau, K.M. and Wagner M.A., “Kinship, Marriage and Child Outcomes in a Low Income Urban African Context,” NIH-National Institute of Child Health and Human Development, September 19, 2020 – June 30, 2025
- Leonard, K. (Lead Investigator), Uler, N. (Co-Investigator), "Mapping inequality of opportunity (IOp) to perceptions, and perceptions to actions a lab experiment," Sponsored by University System of Maryland Foundation Inc. (Prime: The World Bank). (May 18, 2018 -June 30, 2021).
- Leonard, K.L. (Lead Investigator), "Construction of an LSMS-ISA Labor Panel Dataset for PIM Youth Employment Activity," Sponsored by International Food Policy Research Institute. (September 3, 2014 - May 20, 2015).
- Leonard, K.L. (Lead Investigator), "Menstrual Management & Sanitation Systems," Sponsored by Bill and Melinda Gates Foundation. (February 18, 2011 - February 28, 2014).
- Brown, M. and Leonard K.L. (Co-PI) “Cereal Price Forecasting in West Africa Using NASA Satellite Remote Sensing,” NASA. (2010-2011) [\$44,000]
- Leonard, K.L. (PI) “Gender, Competition and Matrilineal Inheritance,” (2009-2011) NSF. [\$194,882]
- Brown, M. and Leonard K.L. (Co-PI) “Cereal Price Forecasting in West Africa Using NASA Satellite Remote Sensing,” NASA. (2009-2010) [\$65,534]
- Lange, A. and Leonard K.L. and Masatu, M.C. (Co-PI) “Testing a novel methodology for measuring medical quality in developing countries.” Funded by the World Bank. (2009) [\$93,000]
- Lange, A. and Leonard K.L. (Co-PI) “Measuring the Motivation of Knowledge-Sector Professionals in Developing Country Settings.” Competitive, refereed proposal to the Maryland Agricultural Experiment Station (2008-2009). [\$25,000]
- Baffes, J. Gautam, M., Leonard, K.L. (Team Member), Maratou, L. and Ssewanyan “The Gender Dimension of Cotton Productivity in Uganda,” Randomized controlled trial of gender specific agricultural extensions services to the cotton sector in Uganda. Competitive, refereed proposal for the Gender Action Plan, The World Bank (2008-2009). [\$100,000]

- Leonard, K.L. (PI, supervising doctoral student) and Adelman, S. “Doctoral Dissertation Research: Do Social Networks Influence Households' Human Capital Investments?” NSF: SES0617793: (2006-2007) [\$18,000]
- Leonard, K.L. (PI) “Learning and Reputation with Asymmetric Information as seen in Rural African Health Care,” NSF Grant #00-95235: (2001-2002). [\$56,000]
- Leonard, D.K and Leonard, K.L. (Co-PI), and Haile Mariam, Damen “Institutional Responses to Market Imperfections in the Supply of Credible Medical Effort and Health Insurance in Africa,” NSF Grant #94-22768: (1994-1997) [\$100,000]

Invited Talks

- Kenneth L. Leonard. Health care in rural Cameroun: Structural estimation of production in teams with unobservable effort. Invited Presentation, 1996. African Studies Center, University of California at Berkeley.
- Kenneth L. Leonard. Institutional solutions to the principal-agent problem in African health care. Invited Presentation, 1998. Columbia University Applied Microeconomics Seminar Series.
- Kenneth L. Leonard. African traditional healers, incentives and skill in health care delivery. Invited Presentation, 1999. Africana Seminar Series, NYU.
- Kenneth L. Leonard. African traditional healers, incentives and skill in health care delivery. Invited Presentation, 1999. African Studies Center, Columbia University.
- Kenneth L. Leonard. African traditional healers, incentives and skill in health care delivery. Invited Presentation, 1999. Development Research Group, The World Bank.
- Kenneth L. Leonard. Health care in rural Cameroun: Structural estimation of production in teams with unobservable effort. Invited Presentation, 1999. Institute for Economic Development Seminar Series, Boston University.
- Kenneth L. Leonard. African traditional healers and outcome-contingent contracts in health care. Invited Presentation, 2000. Department of Economics, Princeton University.
- Kenneth L. Leonard. African traditional healers and outcome-contingent contracts in health care. Invited Presentation, 2000. Department of Economics, Yale University.
- Kenneth L. Leonard. ‘Active patients’ in rural African health care: Implications for welfare, policy and privatization. Invited Presentation, 2001. HNP Group, The World Bank.
- Kenneth L. Leonard and Melkiory C. Masatu. Knowledge and practice in health care: Why do doctors who know what to do not do it? Invited Presentation, 2003. Development Research Group, The World Bank.
- Kenneth L. Leonard and Melkiory C. Masatu. Knowledge and practice in health care: Why do doctors who know what to do not do it? Invited Presentation, 2003. Africana Social Science Seminar Series, NYU.
- Kenneth L. Leonard and Damen Haile Mariam. Bypassing health facilities in rural Tanzania: Empirical evidence of learning, 2004. Development Economics Brown Bag Seminar, The World Bank
- Kenneth L. Leonard and Damen Haile Mariam. Bypassing health facilities in rural Tanzania: Empirical evidence of learning, 2004. Maryland Population Research Council, University of Maryland

- Kenneth L. Leonard. Social learning in health care: Evidence from Tanzania. Invited Presentation, 2004. Presentation at the University of Maryland Department of Economics, Development Seminar.
- Kenneth L. Leonard, Melkiory C. Masatu, and Alex Vialou. Getting doctors to do their best: Ability, altruism and incentives. Invited Presentation, 2005.
- Kenneth L. Leonard, Melkiory C. Masatu, and Alex Vialou. Getting doctors to do their best: Ability, altruism and incentives. Invited Presentation, 2005. Presentation Center for Global Development.
- Kenneth L. Leonard and Jishnu Das. Using vignettes to measure the quality of health care. Invited Presentation, 2006. Presentation for the World Bank, Poverty Reduction Group.
- Kenneth L. Leonard. Spatial analysis and learning from others about quality in rural health facilities in Tanzania. Invited Presentation, 2006. Presentation for the Spatial Analysis Group, Maryland Population Research Council.
- Kenneth L. Leonard. Getting doctors to do their best: Ability, altruism and incentives. Invited Presentation, 2007. Presentation to “Health Services for Outcomes” group at the World Bank.
- Kenneth L. Leonard. Improving health outcomes by choosing better doctors: Evidence of social learning about doctor quality from rural Tanzania. Invited Presentation, 2007. Presentation to Agricultural and Consumer Economics Department Seminar, University of Illinois at Urbana, Champaign.
- Kenneth L. Leonard. Access to health care in poor developing countries: The importance of transportation and quality. Invited Presentation, 2008. Presentation at the Third Annual University Hunger Summit.
- Kenneth L. Leonard. Modeling the impact of patient behavior on measures of access to health care. Technical report, 2008. London School of Hygiene and Tropical Medicine.
- Kenneth L. Leonard. Using the Hawthorne effect to examine the gap between a doctor’s best possible practice and actual performance. Invited Presentation, 2009. Boston University, Harvard and MIT joint health economics seminar.
- Kenneth L. Leonard. Traditional healers in rural Africa. Invited Presentation, 2009. Brown Bag Lunch Presentation, The World Bank.
- Kenneth L. Leonard. Gender and competition. Invited Presentation, 2009. Research Group Seminar, The World Bank.
- Kenneth L. Leonard. African traditional healers: Lesson learned from indigenous institutions. Invited Presentation, 2010. Black History Month Invited Speaker, Harvard Medical School.
- Kenneth L. Leonard. Improving health outcomes by choosing better doctors: Evidence of social learning about doctor quality from rural Tanzania. Invited Presentation, 2010. NBER, Health Economics Workshop.
- Kenneth L. Leonard. Professionalism and the know-do gap: exploring intrinsic motivation among health workers in Tanzania. Invited Presentation, 2010. Kenyan Medical Research Institute.
- Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Invited Presentation, 2010. Dept of Applied Economics, University of Minnesota.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Invited Presentation, 2010. Dept of Economics, Michigan State University.

- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Invited Presentation, 2011. Center for Global Development.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Invited Presentation, 2011. Development Economics Research Group, World Bank.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Invited Presentation, 2011. The Bill and Melinda Gates Foundation.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Invited Presentation, 2011. Economics Department, University of Bergen, Norway.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Gift and prod: Experimental evidence on reciprocity and the study effect from the field. Invited Presentation, 2012. Economics Department, University of Dar es Salaam, Tanzania.
- Kenneth L. Leonard. Measuring motivation for health care in low-income countries. Invited Presentation, 2012. Performance Based Financing Group, The World Bank.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Social preferences of clinicians: Evidence from experiments in Tanzania, 2013. Performance Based Financing Conference: Bergen Norway
- Kenneth L. Leonard. Access and quality: Empirical evidence from rural Tanzania. Invited Presentation, 2014. Harvard Social Enterprise Conference.
- Kenneth L. Leonard. Technical consultation for the primary health care performance initiative. Workshop, 2014. The World Bank.
- Kenneth L. Leonard. Are kinder doctors better? The importance of intrinsic and extrinsic motivation in the provision of quality care in low income countries. Symposium, 2014. The Quality of Health Services & Products in Low Income Countries.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Giving and promising gifts: Experimental evidence on reciprocity and the study effect from the field. Invited Presentation, 2014. Health and Economic Development Seminar, Washington State University.
- Kenneth L. Leonard., Giving and Promising Gifts: Experimental Evidence on Reciprocity and the Study Effect from Tanzania, 2017, Baylor University
- Kenneth L. Leonard. Age, Motherhood, Status and Culture, 2017, SMU
- Kenneth L. Leonard. Improving health outcomes by choosing better doctors: Evidence of social learning about doctor quality from rural Tanzania, 2017, Middlebury
- Kenneth L. Leonard. Access and Quality: Empirical Evidence from Tanzania, 2019, Ashesi University College, Ghana.
- Kenneth L. Leonard. Generosity and Gifts as Sources of Motivation for Health Workers, 2020, Stellenbosch University, South Africa.
- Kenneth L. Leonard. Improving health outcomes by choosing better doctors: Evidence of social learning about doctor quality from rural Tanzania, 2020 Stellenbosch University, South Africa
- Kenneth L. Leonard. Women's Empowerment and the Intrinsic Demand for Agency, 2022 Interdisciplinary Center for Economic Science, George Mason University.

Refereed Presentations

- Kenneth L. Leonard. Contractual structure of health care in rural Cameroun. Refereed Presentation, 1994. American Agricultural Economics Association Meetings.
- Kenneth L. Leonard. Institutional structure of health care in rural Cameroun: Structural estimation of production in teams with unobservable effort. Refereed Presentation, 1996. African Studies Association Meetings.
- Kenneth L. Leonard. Institutional structure of health care in rural Cameroun: Structural estimation of production in teams with unobservable effort. Refereed Presentation, 1996. North East Universities Development Consortium.
- Kenneth L. Leonard. Institutional solutions to the principal-agent problem in African health care. Refereed Presentation, 1999. Annual Bank Conference on Development Economics (ABCDE).
- Kenneth L. Leonard. Contractual structure of health care in rural Cameroun. Refereed Presentation, 1998. North East Universities Development Consortium.
- Kenneth L. Leonard. Institutional solutions to the principal-agent problem in African health care. Refereed Presentation, 1999. North East Universities Development Consortium.
- Kenneth L. Leonard. Institutional solutions to the principal-agent problem in African health care. Refereed Presentation, 1996. African Studies Association Meetings.
- Kenneth L. Leonard and Gilbert Mliga. Health centre bypassing in Tanzania: revealed preferences for organizational form. Refereed Presentation, 2000. Opportunities in Africa, Centre for the Study of African Economies.
- Kenneth L. Leonard and David K. Leonard. The political economy of improving health care for the poor in rural Africa: Institutional solutions to the principal-agent problem. Refereed Presentation, 2000. New Institutional Theory, Institutional Reform and Poverty Reduction, DESTIN, LSE.
- Kenneth L. Leonard and Gilbert Mliga. Bypassing health centers in Tanzania: Revealed preference for quality. Refereed Presentation, 2000. Health Systems Financing in Low-income African and Asian Countries, CERDI, Clermont-Ferrand, France.
- Kenneth L. Leonard and Damen Haile Mariam. Learning about unobservable quality: Empirical evidence from choice of health facilities in Tanzania. Refereed Presentation, 2004. Growth, poverty reduction and human development in Africa, Centre for the Study of African Economies.
- Kenneth L. Leonard and Damen Haile Mariam. Bypassing health facilities in rural Tanzania: Empirical evidence of learning, 2004.
- Kenneth L. Leonard and Damen Haile Mariam. Bypassing health facilities in rural Tanzania: Empirical evidence of learning, 2004.
- Kenneth L. Leonard. Improving health outcomes by choosing better doctors: Evidence of social learning about doctor quality from rural Tanzania. Refereed Presentation, 2007. Duke University Development Mini-Conference.
- Kenneth L. Leonard. Do faith based NGOs represent a replicable example for the delivery of public services? Refereed Presentation, 2007.
- Kenneth L. Leonard. Improving health outcomes by choosing better doctors: Evidence of social learning about doctor quality from rural Tanzania. Refereed Presentation, 2007. North East Universities Development Consortium.

- Kenneth L. Leonard. Gender and competition: The role of socialization. Refereed Presentation, 2007. Western Economics Association International.
- Kenneth L. Leonard. Using the Hawthorne effect to examine the gap between a doctor's best possible practice and actual performance. Refereed Presentation, 2008. North East Universities Development Consortium.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activation de preferences sociales: Temoignage d'un experience sur le terrain avec des medecins en Tanzanie. Refereed Presentation, 2011. 3rd International Conference on Health Financing in Developing and Emerging Countries: CERDI-Cnrs, University of Auvergne.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Refereed Presentation, 2011. ASREC.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Activating social preferences: Evidence from a field experiment with doctors in Tanzania. Refereed Presentation, 2011. Economic Sciences Association Meetings.
- Jeffrey Flory and Kenneth L. Leonard. Outgrowing the gender gap in competitiveness. Refereed Presentation, 2011. Economic Sciences Association Meetings.
- Kenneth L. Leonard and Melkiory C. Masatu. Assessing motivation for high quality care in low income countries. Refereed Presentation, 2012. Prince Mahidol Award Conference: Bangkok, Thailand.
- Kenneth L. Leonard and Melkiory C. Masatu. Assessing motivation for high quality care in low income countries. Refereed Presentation, 2012. Global Symposium on Health Systems Research, Beijing, China.
- Kenneth L. Leonard. Intrinsic incentives and motivation: Are nicer or happier health workers actually better. Refereed Presentation, 2013. Southern Economics Association Annual Meetings.
- J. Michelle Brock, Andreas Lange, and Kenneth L. Leonard. Generosity norms and intrinsic motivation in health care provision: Evidence from the laboratory and field. Refereed Presentation, 2013. Southern Economics Association Annual Meetings.
- Kenneth L. Leonard. Changes in Competitiveness with Motherhood Stages and Culture: Evidence from Patrilocal and Matrilocal Society 2018. Advances in Field Experiments 2018
- Kenneth L. Leonard. Bringing Patients Back into Health Care: Lessons from African Traditional Medicine. Southern Economics Association Annual Meetings 2018
- Kenneth L. Leonard, The Intrinsic Demand for Agency and Female Empowerment, Advances in Field Experiments 2020.

Symposia

- Kenneth L. Leonard and Joshua Graff Zivin. Physician incentives and the choice of medical practitioner. Symposium, 2000. Innovations in Health Care Research, Columbia University.
- Kenneth L. Leonard. 'Active Patients' in Rural African Health Care: Implications for Welfare, Policy and Privatization. Symposium, 2000 Annual Bank Conference on Development Economics (ABCDE).

- Kenneth L. Leonard. 'Active Patients' in Rural African Health Care: Implications for Welfare, Policy and Privatization. Symposium, 2001. Innovations in Health Care Research, Columbia University.
- Kenneth L. Leonard. Improving access and quality of health care in rural settings: Decentralizing the health system or recruiting more health workers? Symposium, 2008. Human Development Week, The World Bank.
- Kenneth L. Leonard. Improving access and quality of health care in rural settings: Decentralizing the health system or recruiting more health workers. Symposium, 2008. Service Delivery Conference, The World Bank.
- Kenneth L. Leonard. Are kinder doctors better? The importance of intrinsic and extrinsic motivation in the provision of quality care in low income countries. Symposium, 2014. The Quality of Health Services & Products in Low Income Countries.
- Leonard, Kenneth L and Masatu, Melkiory C., Can Measurement Increase Quality, Improving Quality, Improving Outcomes, 2015 The World Bank
- Leonard, Kenneth L., Shelterbelts: 2015 Discussion, Washington Area Development Economics Symposium, Georgetown University
- Leonard, Kenneth L., Bride Price and Female Education: 2016, Discussion, GWU Conference on the Economics and Political Economy of Africa
- Kenneth L. Leonard. Bringing Patients Back into Health Care: Lessons from African Traditional Medicine. Social Welfare and Traditional Healing: A Symposium. UVA 2018
- Leonard, K., iHEA, "The Three Gap Model of Health Worker Motivation," iHEA, Basel, Switzerland. (August 14, 2019).

Colloquia

- Kenneth L. Leonard. "Understanding the behavior of patients and health care providers in the developing world." The Future of Frontline Primary Health Care, 2016. Global Good – a joint effort with Bill Gates and Intellectual Ventures – invited a team from the Bill and Melinda Gates Foundation (BMGF) to discuss potential collaboration on primary health care in developing countries. Attended by Bill Gates, Melinda Gates, Maurizio Vecchione, Ali Arjomand, and Nathan Myhrvold, as well as other participants from the BMGF.

TEACHING, MENTORING AND ADVISING

Courses Taught (previous 5 years)

World Hunger, Population and Food Supplies, AREC 365, Spring 2004 – Fall 2018

- Fall 2013, (enrollment: 297)
- Fall 2014, (enrollment: 296)
- Fall 2015, (enrollment: 294)
- Fall 2016, (enrollment: 291)
- Fall 2017, (enrollment: 295)
- Fall 2018, (enrollment: 292)
- Fall 2020, (enrollment: 292)
- Fall 2021, (enrollment: 292)

- Fall 2022, (enrollment: 147)
 - Fall 2023, (enrollment: 161)
- The Science of Gender in Economics, AREC 260
 - Fall 2021, (enrollment: 78)
 - Fall 2023, (enrollment: 58)
- Graduate Development Economics, AREC 847
 - Fall 2014, (enrollment: 5)
 - Spring 2016, (enrollment: 4)
 - Fall 2016, (enrollment: 5)
 - Fall 2017, (enrollment: 6)
 - Fall 2020, (enrollment: 6)
 - Fall 2022, (enrollment: 6)

Student Group Presentations

- 2008, Human Development Week, World Bank, (2006, 2008)
- 2008, Third Annual University Hunger Summit, The George Washington University Center for Global Health and The Alliance to End Hunger, Auburn University, Hosted by Universities Fighting World Hunger (UFWH)
- 2017, Presentation to National Summit of Students Helping Honduras
- 2017, Presentation to Hunger Banquet, University of Maryland Chapter of Oxfam America
- 2015, 2016, 2017, 2018, 2019, 2021, 2022 Global Public Health Colloquium, UMD

Doctoral Advising, University of Maryland:

- Spring 2024, Kartikeya Batra (Economics), Essays on Institutions, Governance and Economic Growth, Committee member.
- Spring 2024, Ying Chen, Evaluation of Public Policies in Developing Countries: Three Essays, Committee member.
- Spring 2023, Seung Wan Kim (Sociology), Understanding Women's Labor Force Participation in Sub-Saharan Africa Through Migration, Kin Support And Relationship Dynamics, Dean's representative
- Fall 2022, Rosa Castro Zarzur, Intended and Unintended Impacts of Government Programs in Agriculture and Education, Committee Chair.
- Fall 2022, Fableda Ibnat, Inheritance Reform, Female Empowerment, and Intergenerational Effects: Theory and Evidence from India, Committee Chair.
- Fall 2022, Haeyun (Dave) Noh, Essays in the Economics of Health Education in Developing Countries: Evidence from Vietnam, Committee Chair.
- Spring 2022, Tianqi Gan, Essays on Education Investment Decisions, Committee member.
- Spring 2022, Olfat Sheikomar (Nutrition), Determinants of Food Insecurity in the League of Arab States, Dean's representative.
- Fall 2021, Melissa Vanessa Vega Monge, Essays in Education in Costa Rica, Committee member.
- Spring 2021, Hompashe Dumisani, Essays on Accountability and Service Delivery in Education and Health in South Africa, External examiner for the Faculty of Economic and Management Sciences at the University of Stellenbosch

- Spring 2021, Omkar Joshi, Income Inequality and caste in India: Evidence from Human Development Surveys, Dean's representative.
- Fall 2019, Fatima Zahra, Growing up in Rural Malawi: Gendered Aspirations, Time Use and Socialization, Dean's representative.
- Fall 2019, Carmen Christian, Exploring demand and supply constraints on early TB detection in South Africa, External examiner for the Faculty of Economic and Management Sciences at the University of Stellenbosch.
- Spring 2019, Santiago Velez-Ferro, Essays on Centralized Market Allocations, Dean's representative.
- Spring 2019, Eyob Tolina, An Essay on the Political Economy of Industrial Policy in Ethiopia, Dean's representative.
- Spring 2019, Mehrab bin Bakhtiar, Cash Training or Commitment? Evidence on Behavioral and Financial Interventions from Developing Countries. Committee Chair.
- Spring 2019, Yuandong Qi, Higher Education, human capital spillovers and economic growth, Committee Chair.
- Spring 2018, Uttara Balakrishnan, The Little Push: Role of Incentives in Determining Household Behaviour in India, Co-Committee Chair.
- Fall 2018, Edwina Wambogo, Food Security Among Older Adults in Sub-Saharan Africa: A Multisectoral Approach, Dean's representative.
- Spring 2017, Andrew Brudevold-Newman, Essays on Education in Developing Countries, Committee Member.
- Spring 2017, Ziyang Yang, Transactions in Transitional Markets: Evidence from China's Rural Land Rental Market, Committee Chair,
 - Placement: Assistant Prof. Xiamen University, Fujian, China
- Spring 2017, Ricardo Espinoza, Essays on Higher Education, Dean's representative
- Spring 2016, Romina V. Ordonez, Demand for Safer Food in Developing Countries, Committee Chair
- Sum II 2015, Rubaba Ali, Essays on Impact of Infrastructure in the presence of market imperfections, Committee member
- Spring 2015, Po Yin Wong, Resilience and Adaptation to Natural Hazards: Evidence from Indonesia, Co-Committee Chair,
 - Placement: Postdoc, Norwegian School of Economics, Norway
- Spring 2015, Magda Tsaneva, Human Capital Investments: Preferences, Opportunities, Constraints, Co-Committee Chair,
 - Placement: Assistant Prof, Clark University,
- Spring 2015, Simone Pieralli, The Role of Soils in Production: Aggregation, Separability, And Yield Decomposition in Kenyan Agriculture, Committee member
- Spring 2014, Eduardo Nakasone, The Role of Price Information in Agricultural Markets: Evidence from Rural Peru, Committee Chair,
 - Placement: Assistant Prof, Michigan State.
- Spring 2014, Pinar Gunes, Essays on Female Education, Fertility, and Health: Evidence from Turkey and the US, Committee Chair,
 - Placement: Assistant Prof. University of Alberta
- Spring 2014, Sean Yuji Sylvia, Managerial Incentives In Public Service Delivery: Evidence From School-Based Nutrition Programs In Rural China, Committee member

- Spring 2013, Yiyan Liu, Essays on Health Insurance Markets, Dean's Representative
- Spring 2013, Amy Knaup, Essays on Migration and Health, Dean's Representative
- Spring 2013, Timothy Essam, Using Satellite Imagery to Analyze Millet Price Regimes and Market Performance in Niger, Committee Chair
- Spring 2013, Upumanyu Datta, Economics & Empowerment: Catalysts Or Competitors?, Committee Chair
- Spring 2013, Trang Tran, Essays on the Impact of Conflict and Regulations on the Private Sector in Developing Countries, Committee Member
- Spring 2013, Amparo Palacio Lopez, Essays on Decomposition Analysis, Committee Member
- Spring 2011, Abby Alpert, Consequences of Publicly Provided Prescription Drug Insurance, Dean's Representative
- Spring 2011, Kahwa Douoguih, Competition and Entrepreneurship: Essays in Experimental Economics, Dean's Representative
- Spring 2011, Ida Lindkvist, Health Worker Motivation and Effort in a Low Income Context, (University of Bergen, Norway), Principal Opponent
- Spring 2011, Michelle Michalek (Brock), Social Preferences Among Clinicians in Tanzania: Evidence from the Lab and the Field, Committee Chair,
 - Placement European Bank for Reconstruction and Development
- Spring 2011, Katya Vasilaky, Development, Technology Adoption and Social Networks, Committee Chair,
 - Placement Assistant Prof. California Polytechnic University
- Spring 2011, Jeff Flory, Formal Savings & Informal Insurance in Villages: A Field Experiment on Indirect Effects of Financial Deepening on Safety Nets of the Ultra-Poor, Committee Chair:
 - Assistant Prof. Claremont McKenna University
- Spring 2010, Yoon Soo Kim, Health, Agriculture and Labor Markets, Dean's Representative
- Spring 2010, Niko Hobdari, Africa's Growth Acceleration: The Role of Policies, Institutions and Aid, Dean's Representative
- Spring 2009, Sarah Adelman, Early Childhood Nutritional Responses to Targeted Food Aid and Social Network Disruptions in Ugandan Internally Displaced Person's Camps, Committee Chair
 - Placement: Assistant Prof. Mt Holyoke.
- Spring 2008, Marcella Veronesi, Environmental Risk Factors, Health and the Labor Market Response of U.S. Markets, Committee Member
- Spring 2007, Ekaterina Krivonos Gonzales, Three Essays on Coffee Markets, Committee Member
- Spring 2006, Soma Bhattacharya, The Value of Mortality Risk Reduction in Delhi India, Committee Member
- Spring 2006, Joytsna Puri, Factors Affecting Agricultural Expansion in Forest Reserves in Thailand: Role of Population and Roads, Committee Member
- Spring 2005, Valerie Mueller, Valuing Climate Amenities in Brazil Using a Hedonic Pricing Framework, Committee Member

Doctoral Advising, Columbia University:

- Spring 2003, Rozlyn Coleman-Engle, Life, Death, and Human Capital: Essays on How African Firms and Workers Are Responding to the HIV/AIDS Epidemic, Committee Chair
- Spring 2002, Seth A. Seabury, Three Essays on Workers' Compensation, Committee Chair
- Spring 2001, Ana Corbacho, Education, Income Distribution and Growth, (awarded distinction), Committee Member
- Spring 2001, Adriana Lleras-Muney, The Relationship Between Education and Mortality: An Analysis for the US Using a Unique Social Experiment, (awarded distinction), Committee Member
- Spring 2001, Manuel Lobato Osario, Essays on Liquidity Constraints and Stock Price Behavior, Committee Chair
- Spring 2000, Rodney Ramcharan, Understanding the Roles of Education in Economic Development, Committee Member
- Spring 2000, Robert Graboyes, Indemnities versus Deductibles in Health Insurance: Relative Efficiency in Deterring Low-Benefit Medical Treatments, Committee Member
- Spring 1999, Maria Claudia Ribeiro Castro, Essays on Interest Parity and Exchange Rate Fluctuations, Committee Member
- Spring 1999, Won Chang, Estimating the Price Effects of Regional Trade Arrangements, 1999, Committee Member
- Spring 1999, Abebe Adugna, Three Essays in International Trade and Peasant Agriculture, 1999, Committee Member
- Spring 1999, Keiichi Ogawa, Education Policies and Economic Efficiency: The Case of Indonesia, 1999, External Examiner
- Spring 1998, Margaret Macmillan, Taxation and Investment in Sub-Saharan Africa, (awarded distinction), 1998, Committee Member

Placement listings include only students for which K.L. Leonard was Chair or Co-Chair.

SERVICE AND OUTREACH

College Service

- 2023-2024, Faculty Evaluation and Merit Pay Committee, member
- 2023 Chair, Faculty Evaluation and Merit Pay Committee
- 2024 Chair, Human Subjects Review Committee and Liaison
- 2022 Chair, APT committee, Neslihan Uler
- 2021-2023, Global Poverty Minor Coordinator
- 2015-Ongoing, Global Poverty Minor Director
- 2023-2024 (one year), Chair, Faculty Advisory Committee
- 2021-2023, Faculty Advisory Committee
- 2020-2021, Undergraduate Committee Member
- 2016-2019, First Year Paper Committee (chair, 2018-2019)
- 2017-2018, Chair, Faculty Search Committee
- 2015-2016, Member, Faculty Search Committee
- 2014-2015, Member, Faculty Search Committee

- 2013-2015, Chair, Graduate Committee
- 2009-2011, Chair, Full, Associate and Assistant faculty Search Committee

University Service

- 2020-Ongoing, Global Studies Minor Committee Member
- 2012-Ongoing, Member, Fulbright Program Mentoring and Advising
- 2022 Reviewer, Grand Challenges – Team and Individual Grants
- 2022 Reviewer, University Medal undergraduate award

Professional Service

- 2021-2024, Participant, Maryland Collaborative Research in Urban Stem Education
- 2021, Host, Mandela Washington Fellowship, Professional Development Experience
- 2011-2011, Member, Review of Proposal for Masters of Development Practice, UC Berkeley
- 2009-2013, AAEA outstanding dissertation award committee

International Activities

- Organizer, Bringing Renewable Energy Access to Rural Communities: Challenges & Opportunities, Leonard, K., Bedia, E., Hassanein, A., Jallow, A., Lansing, S., Preonas, L., Bringing Renewable Energy Access to Rural Communities: Challenges & Opportunities, "Bringing Renewable Energy Access to Rural Communities: Challenges & Opportunities," (Panel) University of Maryland, College of Agriculture and Natural Resources (virtual panel discussion), College Park, MD, United States. (October 15, 2021).
- Organizer, 37th Meeting of the Bureau for Research and Economic Analysis of Development (BREAD), May 3rd-4th 2019, College Park, MD, with Cai, J., Goldberg, J., Galiani, S., Parker, S. (January 2019 - May 2019).
- 2012-Present, Impact Evaluation of the Liberia Health System Strengthening Project Liberia Evaluation, Liberia, PI
- 2012, Tanzania Cotton Sector Development Programme: Baseline Study, Tanzania, PI
- 2009-2011, Gender, Competition and Matrilineal Inheritance, Malawi, PI
- 2008-2011, Testing a novel methodology for measuring medical quality in developing countries, Tanzania, Co-PI
- 2008-2011, Measuring the Motivation of Knowledge-Sector Professionals in Developing Country Settings, Tanzania, Co-PI
- 2008-2011, The Gender Dimension of Cotton Productivity in Uganda, Uganda, Co-PI
- 2008-2010, Evaluation of the impact of irrigation project rehabilitation and agricultural extension services, Burkina Faso, PI
- 2008-2010, Evaluation of the impact of rural land governance reform, Burkina Faso, PI
- 2005-2008, Do Social Networks Influence Households' Human Capital Investments?, Uganda, Co-PI and graduate student supervisor
- 2008, The contribution of traditional medicine to Kenyan healthcare delivery, Kenya Co-PI
- 2005, The Hawthorne effect in Medicine, Tanzania, PI (2005)

- 2001-2002, Learning and Reputation with Asymmetric Information as seen in Rural African Health Care, Tanzania, PI
- 1995, Traditional Insurance Mechanisms and the Choice of Health Care Providers, Ethiopia, Co-PI
- 1995, Decentralization and the Quality of Health Care in Tanzania, Tanzania, Co-PI
- 1994-1995, Choice and the Perception of Quality in Rural Health Institutions, Cameroon, Co-PI
- 1990, Rural Primary School Construction Program, Gabon (1989-1990), Peace Corps Volunteer

Reviewing Activities for Journals and Presses

- Agricultural and Resource Economics Review.
- American Economic Journal: Economic Policy.
- American Economic Review.
- American Journal of Agricultural Economics.
- BMC Health Services Research.
- Bulletin of the World Health Organization.
- CESifo Economic Studies.
- Econometrica.
- Economic Development and Cultural Change.
- Economic Journal.
- Economics of Governance.
- European Journal of Health Economics.
- Health Affairs.
- Health Policy and Planning.
- INQUIRY.
- International Journal of Health and Economics Management.
- International Journal of Health and Human Rights.
- International Journal of Quality in Health Care.
- Journal of African Economies.
- Journal of Agricultural Extension and Education.
- Journal of Applied Economics.
- Journal of Clinical Epidemiology.
- Journal of Comparative Economics.
- Journal of Computational Social Science.
- Journal of Development Economics.
- Journal of Development Studies.
- Journal of Economics and Culture.
- Journal of Health Economics.
- Journal of Political Economy.
- Journal of Rural Studies.
- Management Science.
- Mathematical and Social Sciences.
- Quarterly Journal of Economics.
- Review of Development Economics.
- Scandinavian Journal of Economics.
- Social Science and Medicine.
- World Bank Economic Review.
- World Development.

Reviewing Activities for Agencies and Foundations

- National Science Foundation.
- The World Bank.
- University of Minnesota Experiment Station.