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Charles H. Dyson School of Applied Economics and Management 475H Warren Hall Cornell University Ithaca, NY 14853-7801 USA

I. EXPERIENCE

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Stephen B. and Janice G. Ashley Professor of Applied Economics and Management and International Professor of Agriculture, Charles H. Dyson School of Applied Economics and Management, Professor, Cornell Jeb E. Brooks School of Public Policy, and Faculty Fellow, Cornell Institute for Food Systems, Cornell University. Award-winning teaching includes graduate and undergraduate courses on development microeconomics, rural livelihoods and biological resources, food systems and poverty reduction, econometrics, contemporary controversies in the global economy, food security, and poverty reduction policy. Advise undergraduates and graduate students in majors/fields of applied economics and management, conservation and sustainable development, economics, environmental and sustainability science, international agriculture and rural development, international development, natural resources, policy analysis and management, and public affairs. Broad research and outreach program on international poverty, food security, agricultural development, economic growth, agricultural economics, sustainability, and applied microeconomics and econometrics. 2008-present. Professor, 2003-7, Associate Professor, 1998-2003, Professor, Department of Economics 2011-22, Professor, Department of Global Development 2020-22, Professor, Cornell Jeb E. Brooks School of Public Policy, 2021-present.

Founding Faculty Director, Cornell Collaboration for International Development Economics Research (CIDER), Responsible for launching and financing collaborative research, training and outreach activities of an initiative spanning four Colleges and 22 faculty. Supervise a staff programs manager, the Structural Transformation of Agriculture and Rural Spaces (STARS) research mentorship program for early career applied economics scholars from low- and lower-middle-income countries, the CIDER Pre-Doctoral Research Fellowship program, student internships with organizations such as International Rescue Committee and Catholic Relief Services, and online and hybrid certificate training programs. 2024-present.

Founding Deputy Dean and Dean of Academic Affairs, SC Johnson College of Business, Cornell University. Primary responsibility for oversight of all faculty and academic teaching and research programs, student services, and diversity, equity and inclusion efforts in a newly created College comprised of 3 AACSB-accredited business schools offering 17 degree programs (2 undergraduate, 12 Masters, 3 Ph.D.), >1,600 undergraduate majors, ~3,000 undergraduate minors, ~1,300 professional and graduate students, ~240 faculty, ~350 administrative and professional staff, and annual operating budget of >\$250 million. Managed academic transition of merging three Schools into one College, including drafting the core faculty governance documents, developing promotion and tenure guidelines, research support and other faculty policies. Led College academic and faculty affairs (faculty hiring and promotion, research resource allocation, curricular oversight, faculty and student policies, etc.), diversity and inclusion, and student services (admissions, advising, career services, registrar) activities. College ran budget surpluses each year while expanding faculty by >10%, launching 2 new degree programs, and doubling undergraduate and growing all graduate program applications. 2016-2018.

David J. Nolan Director, the Charles H. Dyson School of Applied Economics and Management, Cornell University. Overall executive responsibility for School with ~60 faculty, ~65 staff, ~100 graduate students, ~750 undergraduate majors, and ~2,100 undergraduate minors. Dyson School faculty taught ~24,000 student credit hours and conducted >\$6 million in externally sponsored research each year on annual revenues of >\$55 million and an endowment of >\$65 million. Dyson's graduate and undergraduate programs each rank in the top five nationally, while its research and outreach/extension programs are internationally recognized for innovation, productivity and impact. Ran budget surpluses each year while expanding faculty by >15%. 2013-2016.

Founding Associate Director for Economic Development, Cornell Atkinson Center for Sustainability, Cornell

University, 2008-2012. **Faculty Fellow**, 2009-2021. **Senior Faculty Fellow** 2021-present. As Associate Director, helped found major new interdisciplinary research and public engagement center on sustainability science. Intimately involved in the design of various research support initiatives (e.g., academic venture fund, innovation for impact fund), led the launch of strategic collaboration with CARE, and helped craft Center policies and procedures.

Affiliated Researcher, Global Action for Policy Initiative, Northeastern University, 2024-present.

Non-Resident Senior Research Fellow, United Nations University World Institute for Development Economics Research (UNU-WIDER), 2021-present.

Center for Global Transformation Senior Scholar in Residence, University California – San Diego, 2021.

Visiting Scholar, Center on Food Security and the Environment, Freeman Spogli Institute for International Studies, Stanford University, January-March 2020.

Visiting Professor of Environmental Science and Public Policy and Visiting Scholar, John F. Kennedy School of Government, Harvard University, January-May 2017.

Distinguished Research Affiliate, Kellogg Institute for International Studies, Univ. of Notre Dame, 2016-2020.

Visiting Professor, Department of Economics, Monash University (Australia), January-July 2013.

Visiting Professor, Department of Economics, University of Melbourne (Australia), January-June 2013.

Director, Stimulating Agricultural and Rural Transformation (StART) Initiative, Cornell International Institute for Food, Agriculture and Development. 2000-14. Previously named the African Food Security and Natural Resources Management Program, both were multidisciplinary graduate teaching and research programs focused on food systems and poverty reduction in rural Africa, with Rockefeller Foundation and National Science Foundation support for doctoral training.

Director, Calvin College Summer Seminars in Christian Scholarship Program faculty seminars on the Economics of Global Poverty (2012-2014) and Making Markets Work for the Rural Poor: Christian Mission and Global Enterprise (2005).

Associate Professor (with tenure) and Assistant Professor, Department of Economics, Utah State University. 1994 - 1998.

Adjunct Professor, Cardinal Stritch College, Program in Management for Adults, Madison, WI. 1992-1994.

Economist, The Institute of International Finance, Washington, DC. Comparative Country Analysis and Africa/Middle East Departments. Research macroeconomist covering and participating in senior ministerial level missions to various African countries. 1987-1990.

Research Analyst, Strategic Planning Associates, Washington, DC. Consultant for business strategy reviews at CEO and senior corporate executive level. 1986-1987.

Captain (promotable), United States Army Reserve and National Guard. Enlisted in US Army Reserve and subsequently commissioned from Army ROTC as a Second Lieutenant Military Intelligence officer with an electronic warfare specialization. Served as company executive officer, company commander, and in battalion and brigade staff positions in a light infantry division, as well as in state National Guard headquarters, earning multiple medals, combat skills badges, decorations, and service commendations. 1981-1993.

II. EDUCATION

Dual Ph.D., Agricultural Economics and Economics with certificate in African Studies, University of Wisconsin-Madison, 1990-1994

Summer Institute of African Languages, Cornell University, 1991, Swahili M.Sc., Development Economics, University of Oxford, on Fulbright Scholarship, 1984-1985 A.B., History, Princeton University, 1980-1984, magna cum laude

III. Publications

Published or in press 21 books, 280 academic journal articles, 103 book or conference proceedings chapters, and many technical reports, policy briefs, book reviews, published paper abstracts, working papers, and pieces in the popular press. These have >64,000 citations and an h(i-10) index of 121 (394), according to Google Scholar, placing among the top five scholars globally in the agricultural economics, development economics, food security, poverty, and resource economics fields. RePEc's summary rankings place this research well within the top 1% globally; ranked 47th worldwide in economics and finance by Research.com.

Books

- 1. Nathaniel D. Jensen, Francesco P. Fava, Andrew G. Mude, Christopher B. Barrett, Brenda Wandera-Gache, Anton Vrieling, Masresha Taye, Kazushi Takahashi, Felix Lung, Munenobu Ikegami, Polly Ericksen, Philemon Chelang'a, Sommarat Chantarat, Michael R. Carter, Hassan Bashir, and Rupsha Banerjee, Escaping Poverty Traps And Unlocking Prosperity In The Face Of Climate Risk: Lessons From IBLI (Cambridge University Press, 2024).
- 2. Christopher B. Barrett and David R. Just, editors, *Handbook of Agricultural Economics, volume 6* (Amsterdam: North-Holland, 2022).
- 3. Christopher B. Barrett, Tim Benton, Jessica Fanzo, Mario Herrero, Rebecca J. Nelson, Elizabeth Bageant, Edward Buckler, Karen Cooper, Isabella Culotta, Shenggen Fan, Rikin Gandhi, Steven James, Mark Kahn, Laté Lawson-Lartego, Jiali Liu, Quinn Marshall, Daniel Mason-D'Croz, Alexander Mathys, Cynthia Mathys, Veronica Mazariegos-Anastassiou, Alesha (Black) Miller, Kamakhya Misra, Andrew G. Mude, Jianbo Shen, Lindiwe Majele Sibanda, Claire Song, Roy Steiner, Philip Thornton, and Stephen Wood. Socio-Technical Innovation Bundles for Agri-Food Systems Transformation (Palgrave Macmillan 2022).
- 4. Christopher B. Barrett and David R. Just, editors, *Handbook of Agricultural Economics, volume 5* (Amsterdam: North-Holland, 2021).
- 5. Christopher B. Barrett, Jeffrey W. Cason and Erin C. Lentz, *Overseas Research: A Practical Guide. Third Edition* (London: Routledge, 2020).
- 6. Christopher B. Barrett, Michael R. Carter and Jean-Paul Chavas, editors, *The Economics of Poverty Traps* (Chicago: University of Chicago Press and National Bureau of Economic Research, 2019).
- 7. Molly E. Brown, John M. Antle, Peter Backlund, Edward R. Carr, William E. Easterling, Margaret K. Walsh, Caspar Ammann, Witsanu Attavanich, Christopher B. Barrett, Marc F. Bellemare, Violet Dancheck, Christopher Funk, Katherine Grace, John S.I. Ingram, Hui Jiang, Hector Maletta, Tawny Mata, Anthony Murray, Moffat Ngugi, Dennis Ojima, Brian O'Neill, and Claudia Tebaldi. *Climate Change, Global Food Security, and the U.S. Food System*. (Washington: Office of the Chief Economist, United States Department of Agriculture, 2015).
- 8. Christopher B. Barrett, editor, Food Security and Sociopolitical Stability (Oxford: Oxford University Press, 2013).
- 9. Christopher B. Barrett, Andrea Binder and Julia Steets, editors, *Uniting on Food Assistance: The Case for Transatlantic Cooperation* (London: Routledge, 2011).
- 10. Christopher B. Barrett, editor, *Agricultural Development: Critical Concepts in Development Studies*, 4 volumes (London: Routledge, 2011).
- 11. Christopher B. Barrett and Jeffrey W. Cason, Overseas Research: A Practical Guide. Second Edition (London: Routledge, 2010).
- 12. Christopher B. Barrett, Andrew G. Mude and John M. Omiti, editors, *Decentralization and the Social Economics of Development: Lessons From Kenya* (CAB International, 2007).
- 13. Christopher B. Barrett, editor, Development Economics: Critical Concepts in Development Studies, 4 volumes (London:

- Routledge, 2007).
- 14. Christopher B. Barrett, Michael R. Carter and Peter D. Little, editors, *Understanding and Reducing Persistent Poverty in Africa* (London: Routledge, 2007).
- 15. Christopher B. Barrett and Daniel G. Maxwell, Food Aid After Fifty Years: Recasting Its Role (London: Routledge, 2005).
- 16. Christopher B. Barrett, editor, *The Social Economics of Poverty: On Identities, Groups, Communities and Networks* (London: Routledge, 2005).
- 17. Uma Lele, Christopher B. Barrett, Carl K. Eicher, Bruce Gardner, Christopher Gerrard, Lauren Kelly, William Lesser, Kanin Perkins, Saeed Rana, Mandivamba Rukuni and David J. Spielman, *The CGIAR at 31:An Independent Meta-Evaluation of the Consultative Group on International Agricultural Research*. 3 volumes. (Washington: World Bank, 2003).
- 18. Christopher B. Barrett, Frank Place, and Abdillahi A. Aboud, editors, *Natural Resources Management in African Agriculture: Understanding and Improving Current Practices* (CAB International, 2002).
- 19. David R. Lee and Christopher B. Barrett, editors, *Tradeoffs or Synergies? Agricultural Intensification, Economic Development and the Environment in Developing Countries* (CAB International, 2000).
- 20. Christopher B. Barrett and Jeffrey W. Cason, *Overseas Research: A Practical Guide* (Baltimore, MD: Johns Hopkins University Press, 1997). This is the first edition; second edition published in 2010, third edition in 2020 (see above).
- 21. Christopher B. Barrett, Tyler J. Bowles and Sarita Mohapatra, editors, *International Economics for Business*, (Fort Worth, TX: Harcourt Brace Custom Publishing, 1995).

Journal Articles

- 1. Christopher B. Barrett and Miguel I. Gómez, "Fostering healthy, equitable, resilient, and sustainable agri-food value chains," *Agricultural Economics*, forthcoming.
- 2. Juan M. Vergara and Christopher B. Barrett, "Private capital investments in agrifood-tech startups in South America, 2007-2022," *Agribusiness*, forthcoming.
- 3. Marc Schut, Ismail Adeyemi, Benjamin Kumpf, Emma Proud, Iddo Dror, Christopher B. Barrett, Donald Menzies, Julien Colomer, and Cees Leeuwis, "Innovation Portfolio Management for the Public Non-Profit Research and Development Sector: What Can We Learn from the Private Sector?" *Innovation and Development*, forthcoming.
- 4. Elizabeth Tennant, Yating Ru, Peizan Sheng, David S. Matteson, and Christopher B. Barrett, "Micro-level structural poverty estimates for southern and eastern Africa," *Proceedings of the National Academy of Sciences*, forthcoming.
- 5. Christopher B. Barrett and Jing Yi, "Confronting the Modern Food Price Dilemma," *Nature Food*, vol. 6, no. 1 (January 2025): 10-12.
- 6. Molly J. Doruska, Christopher B. Barrett, and Jason R. Rohr, "Modeling how and why aquatic vegetation removal can free rural households from poverty-disease traps," *Proceedings of the National Academy of Sciences*, volume: 121, issue 52 (December 24, 2024), e2411838121.
- C. Halpern, K. Kennedy Freeman, C.B. Barrett, M. van Dijk, D. Mason-D'Croz, A. Simons, B. van Veen, M. Herrero, H.H.E. Van Zanten, "Framework to assess the potential of circular food system technologies", Global Food Security, vol. 43 (December 2024): 100814.
- 8. Gerardo E. Soto, Steven Wilcox, Patrick E. Clark, Francesco P. Fava, Nathan M. Jensen, Njoki Kahiu, Chuan Liao, Benjamin Porter, Ying Sun, and Christopher B. Barrett, "Mapping Rangeland Health Indicators in East Africa from 2000 to 2022," *Earth System Science Data* vol. 16, no. 11 (November 2024): pp. 5375-5404.
- 9. Seungmin Lee, Christopher B. Barrett and John Hoddinott, "Food Security Dynamics in the United States, 2001-2017," *American Journal of Agricultural Economics*, vol. 106, issue 5 (October 2024): pp. 1595-1618.
- 10. Yi Yang, David Tilman, Zhenong Jin, Pete Smith, Christopher B. Barrett, Yong-Guan Zhu, Jennifer Burney, Paolo D'Odorico, Peter Fantke, Joe Fargione, Jacques C. Finlay, Maria Cristina Rulli, Lindsey Sloat, Kees Jan van Groenigen, Paul C. West, Lewis Ziska, Anna M. Michalak, Michael Clark, Jed Colquhoun, Teevrat Garg, Karen Garrett, Camilla Geels, Rebecca R. Hernandez, Mario Herrero, William Hutchison, Meha Jain, Jacob M. Jungers, Beibei Liu, Nathaniel D. Mueller, Ariel Ortiz-Bobea, Jacob Schewe, Jie Song, Julie Verheyen, Peter Vitousek, Yoshihide Wada, Longlong Xia, Xin Zhang, Minghao Zhuang,, David B. Lobell, "Climate change exacerbates the environmental impacts of agriculture", Science, vol. 385, issue 6713 (September 6, 2024): eadn3747.
- 11. Christopher B. Barrett and Holly Wang, "Editorial: Introducing Policy Comments," Food Policy, vol. 125 (May 2024): 202627.
- 12. Paul Christian and Christopher B. Barrett, "Spurious Regressions and Panel IV Estimation: Revisiting the Causes of Conflict," *Economic Journal*, volume 134, issue 659 (April 2024): 1069–1099.

- 13. Oz Kira, Jiaming Wen, Jimei Han, Andrew J. McDonald, Christopher B. Barrett, Ariel Ortiz-Bobea, Yanyan Liu, Liangzhi You, Nathan Mueller, Ying Sun, "A scalable crop yield estimation framework based on remote sensing of solar-induced chlorophyll fluorescence (SIF)," *Environmental Research Letters*, volume 19, number 4 (April 2024): 044071.
- 14. Rachel A. Neugarten, Ranaivo A. Rasolofoson, Christopher B. Barrett, Ghislain Vieiledent, and Amanda D. Rodewald, "The effect of a political crisis on performance of community forests and protected areas in Madagascar," *Nature Communications*, **15**, 2963 (April 2024).
- 15. Holger Meinke, Andrew Ash, Christopher B. Barrett, Allison Grove Smith, Joshua S. Graff Zivin, Fetien Abera, Magali Garcia, David R. Just, Nompumelelo H. Obokoh, Suneetha Kadiyala, Christine Negra, Lesley Torrance, Amy R. Beaudreault, Pierre Boulanger, "Evolution of the One CGIAR's research and innovation portfolio to 2030: approaches, tools and insights after the reform," *npj Sustainable Agriculture*, vol. 1, no. 6 (December 2023): https://doi.org/10.1038/s44264-023-00005-x.
- 16. Meha Jain, Christopher B. Barrett, Divya Solomon, Kate Ghezzi-Kopel, "Surveying the Evidence on Sustainable Intensification Strategies for Smallholder Agricultural Systems," *Annual Review of Environment and Resources*, volume 48 (2023): pp. 347-369.
- 17. Kibrom A. Abay, Tesfamichael Wossen, Gashaw A. Abate, James Stevenson, Hope Michelson and Christopher B. Barrett, "Inferential and behavioral implications of measurement error in agricultural data," *Annual Review of Resource Economics*, volume 15 (2023): pp. 63-83.
- 18. Christopher B. Barrett, "Benevolent' patent extensions could raise billions for R&D in poorer countries," *Nature* vol. 621, number 7980 (September 25, 2023), pp. 687-690.
- 19. Christopher B. Barrett, "A New Way to Fight Disease and Boost Agriculture in Poor Countries: How an Innovative Patent Law Could Incentivize R & D and Save Millions of Lives," *Foreign Affairs* (September 2023). https://www.foreignaffairs.com/united-states/new-way-fight-disease-and-boost-agriculture-poor-countries
- 20. Kibrom A. Abay, Christopher B. Barrett, Talip Kilic, Heather Moylan, John Ilukor and Wilbert Drazi Vundru, "Nonclassical Measurement Error and Farmers' Response to Information Treatment," *Journal of Development Economics*, 164 (September 2023): 103136.
- 21. Christopher B. Barrett, Ariel Ortiz-Bobea and Trinh Pham, "Structural Transformation, Agriculture, Climate, and the Environment," *Review of Environmental Economics and Policy*, vol. 17, no. 2 (Summer 2023), pp. 195-216.
- 22. Jason R Rohr, Alexandra Sack, Sidy Bakhoum, Christopher B Barrett, David Lopez-Carr, Andrew J Chamberlin, David J Civitello, Cledor Diatta, Molly J Doruska, Giulio A De Leo, Christopher J E Haggerty, Isabel J Jones, Nicolas Jouanard, Andrea J Lund, Amadou T. Ly, Raphael A Ndione, Justin V Remais, Gilles Riveau, Anne-Marie Schacht, Momy Seck, Simon Senghor, Susanne H Sokolow, Caitlin Wolfe, "A planetary health innovation for disease, food, and water challenges in Africa," *Nature*, vol. 619, no. 7971 (July 27, 2023), pp. 782–787.
- 23. Ying Sun, Lianhong Gu, Jiaming Wen, C. van der Tol, Albert Porcar-Castell, Joanna Joiner, Christine Chang, Troy Magney, Lixin Wang, Leiqiu Hu, Uwe Rascher, Pablo Zarco-Tejada, Christopher B. Barrett, Jiameng Lai, Jimei Han, Zhenqi Luo, "From Remotely-Sensed SIF to Ecosystem Structure, Function, and Service: Part I Harnessing Theory," *Global Change Biology*, Volume 29, issue 11 (June 2023): pp. 2926-2952.
- 24. Ying Sun, Jiaming Wen, Lianhong Gu, Joanna Joiner, Christine Y. Chang, Christiaan van der Tol, Albert Porcar-Castell, Troy Magney, Lixin Wang, Leiqiu Hu, Uwe Rascher, Pablo Zarco-Tejada, Christopher B. Barrett, Jiameng Lai, Jimei Han, Zhenqi Luo. "From Remotely-Sensed SIF to Ecosystem Structure, Function, and Service: Part II Harnessing Data," *Global Change Biology*, Volume 29, issue 11 (June 2023): pp. 2893-2925.
- 25. Dennis Wesselbaum, Michael D. Smith, Christopher B. Barrett, and Anaka Aiyar, "A Food Insecurity Kuznets Curve?" *World Development*, vol. 165 (May 2023): 106189.
- 26. Anne T. Byrne, David R. Just and Christopher B. Barrett, "But it came from a food pantry: Product stigma and quality perceptions of food pantry offerings," *Agricultural Economics*, vol. 54, no. 2 (March 2023): pp. 327-344.
- 27. Christopher B. Barrett, Thomas Reardon, Johan Swinnen and David Zilberman, "Agri-food Value Chain Revolutions in Low-and Middle-Income Countries," *Journal of Economic Literature*, vol. 60, no. 4 (December 2022): pp. 1316-1377.
- 28. Kelsey L. Schreiber, Christopher B. Barrett, Elizabeth R. Bageant, Abebe Shimeles, Joanna B. Upton, and Maria DiGiovanni, "Building Research Capacity In An Under-represented Group: The STAARS Program Experience," *Applied Economic Perspectives and Policy*, volume 44, number 4 (December 2022): 1925-1941.
- 29. Christopher B. Barrett, "The Global Food Crisis Shouldn't Have Come As a Surprise: How to Finally Fix the Broken System for Alleviating Hunger," *Foreign Affairs*, July 2022. https://www.foreignaffairs.com/world/global-food-crisis-

- <u>shouldnt-have-come-surprise</u>. (Reprinted in Aspen Institute Congressional Program, Strategies to Ensure Global Food Security: U.S. Policies to Sustain Supply, Relief, and Advance Prosperity. Report of April 10-15, 2023, workshop in Bellagio, Italy.)
- 30. Marc Rockmore and Christopher B. Barrett, "The Implications of Aggregate Measures of Exposure to Violence for the Estimated Impacts on Individual Risk Preferences," *World Development*, volume 157 (September 2022): 205925.
- 31. Christopher B. Barrett and Mario Mazzocchi, "Editorial: Introducing virtual special collections," *Food Policy* vol. 111 (August 2022), 102321.
- 32. Joanna Upton, Susana Constenla-Villoslada and Christopher B. Barrett. "*Caveat utilitor:* A comparative assessment of resilience measurement approaches," *Journal of Development Economics*, vol. 157 (June 2022), 102873.
- 33. Linden McBride, Christopher B. Barrett, Christopher Browne, Leiqiu Hu, Yanyan Liu, David S. Matteson, Ying Sun, and Jiaming Wen, "Predicting poverty and malnutrition for targeting, mapping, monitoring, and early warning," *Applied Economic Perspectives and Policy*, vol. 44, no. 2 (June 2022): pp. 879-892.
- 34. Christopher B. Barrett, Asad Islam, Abdul Malek, Debayan Pakrashi, Ummul Ruthbah, "Experimental Evidence on Adoption and Impact of the System of Rice Intensification," *American Journal of Agricultural Economics*, vol. 104, issue 1 (January 2022): 4-32 (lead article).
- 35. Beatrice Biondi, Christopher B. Barrett, Mario Mazzocchi, Amy Ando, David Harvey, and Mindy Mallory, "Journal submissions, review and editorial decision patterns during initial COVID-19 restrictions," *Food Policy*, volume 105 (December 2021): 102167.
- 36. Quinn Marshall, Jessica Fanzo, Christopher B. Barrett, Andrew D. Jones, Anna Herforth, and Rebecca McLaren, "Building a global food systems typology: A new tool for reducing complexity in food systems analysis," *Frontiers in Sustainable Food Systems*, vol. 5 (November 2021): 746512.
- 37. Christopher B. Barrett, Jessica Fanzo, Mario Herrero, Daniel Mason-D'Croz, Alexander Mathys, Philip Thornton, Stephen Wood, Tim G. Benton, Shenggen Fan, Laté Lawson-Lartego, Rebecca Nelson, Jianbo Shen, Lindiwe Majele Sibanda, "COVID-19 Pandemic Lessons for Agri-food Systems Innovation," *Environmental Research Letters*, vol. 16, no. 10 (October 2021): 101001.
- 38. Christopher B. Barrett, Kate Ghezzi-Kopel, John Hoddinott, Nima Homami, Elizabeth Tennant, Joanna Upton and Tong Wu, "A Scoping Review of the Development Resilience Literature: Theory, Methods and Evidence," *World Development*, vol. 146 (October 2021): 105612.
- 39. Johanne Pelletier, Boniface Hamalambo, Anne Trainor, and Christopher B. Barrett, "How land tenure and labor market conditions mediate charcoal's environmental footprint in Zambia: Implications for sustainable energy transitions," *World Development*, vol. 146 (October 2021): 105600
- 40. Eva-Marie Meemken, Christopher B. Barrett, Hope C. Michelson, Matin Qaim, Thomas Reardon, and Jorge Sellare, "Sustainability standards in global agrifood supply chains," *Nature Food* volume 2 (October 2021), pp. 758-765.
- 41. Chris Browne, David S. Matteson, Linden McBride, Leiqiu Hu, Yanyan Liu, Ying Sun, Jiaming Wen, and Christopher B. Barrett, "Multivariate random forest prediction of poverty and malnutrition prevalence," *PLOS ONE* volume 16, no. 9 (September 2021): e0255519.
- 42. Christopher B. Barrett, "On Design-Based Empirical Research and Its Interpretation and Ethics in Sustainability Science," *Proceedings of the National Academy of Sciences* vol. 118, no. 29 (July 20, 2021): e2023343118.
- 43. Jing Yi, Eva-Marie Meemken, Veronica Mazariegos-Anastassiou, Jiali Liu, Ejin Kim, Miguel I. Gómez, Patrick Canning, and Christopher B. Barrett, "Post-Farmgate Food Value Chains Make up Most of Consumer Food Expenditures Globally," *Nature Food*, vol. 2, (June 2021): pp. 417-425.
- 44. Kathryn J. Fiorella, Elizabeth R. Bageant, Naomi B. Schwartz, Shakuntala H. Thilsted, and Christopher B. Barrett, "Fishers' Response to Temperature Change Reveals the Importance of Integrating Human Behavior in Climate Change Analysis," *Science Advances*, vol. 7, no. 18 (April 2021): eabc7425.
- 45. Christopher B. Barrett, "Overcoming Global Food Security Challenges Through Science and Solidarity," *American Journal of Agricultural Economics*, volume 103, issue 2 (March 2021): pp. 422-447.
- 46. Kibrom A. Abay, Leah Bevis, and Christopher B. Barrett, "Measurement Error Mechanisms Matter: Agricultural Intensification with Farmer Misperceptions and Misreporting", *American Journal of Agricultural Economics*, volume 103, issue 2 (March 2021): pp. 498-522.
- 47. Maulik Jagnani, Christopher B. Barrett, Yanyan Liu, and Liangzhi You, "Within-Season Producer Response to Warmer Temperatures: Defensive Investments by Kenyan Farmers," *Economic Journal*, volume 131, issue 633 (January 2021): pp. 392–419.

- 48. Christopher B. Barrett, Amy R. Beaudreault, Holger Meinke, Andrew Ash, Nighisty Ghezae, Suneetha Kadiyala, Mandefro Nigussie, Allison G. Smith, and Lesley Torrance, "Foresight and tradeoff analyses:Tools for science strategy development in agriculture and food systems research," *Q Open*, volume 1, issue 1 (January 2021): pp. 1-7.
- 49. Mario Herrero, Philip K. Thornton, Daniel Mason-D'Croz, Jeda Palmer, Benjamin L. Bodirsky, Prajal Pradhan, Christopher B. Barrett, Tim G. Benton, Andrew Hall, Ilje Pikaar, Jessica R. Bogard, Graham D. Bonnett, Bruce M. Campbell, Brett A. Bryan, Svend Christensen, Michael Clark, Jessica Fanzo, Cecile M. Godde, Andy Jarvis, Ana Maria Loboguerrero, Alexander Mathys, Lynne McIntyre, Rosamond L. Naylor, Rebecca Nelson, Michael Obersteiner, Alejandro Parodi, Alexander Popp, Katie Ricketts, Pete Smith, Hugo Valin, Sonja J. Vermeulen, Joost Vervoort, Mark van Wijk, Hannah H.E. van Zanten, Paul C. West, Stephen A. Wood, and Johan Rockstrom, "Articulating the impact of food systems innovation on the Sustainable Development Goals", *The Lancet Planetary Health*, volume 5, issue 1 (January 2021): pp. E50-E62.
- 50. Christopher B. Barrett, Tim G. Benton, Karen A. Cooper, Jessica Fanzo, Rikin Gandhi, Mario Herrero, Steven James, Mark Kahn, Daniel Mason-D'Croz, Alexander Mathys, Rebecca J. Nelson, Jianbo Shen, Philip Thornton, Elizabeth Bageant, Shenggen Fan, Andrew G. Mude, Lindiwe M. Sibanda, Stephen Wood, "Bundling Innovations to Transform Agri-Food Systems," *Nature Sustainability*, volume 3, number 12 (December 2020): pp. 974-976.
- 51. Felix Naschold and Christopher B. Barrett, ""A stochastic dominance approach to program evaluation with an application to child nutritional status in Kenya," *Agricultural Economics*, vol. 51, no. 6 (November 2020): pp. 871-886.
- 52. Christopher B. Barrett, "Comment on 'The Effects of Untying International Food Assistance: The Case of Canada'", *American Journal of Agricultural Economics*, vol. 102, no. 4 (August 2020): pp. 1079-1080.
- 53. Yanyan Liu, Christopher B. Barrett, Trinh Pham, William Violette, "The Intertemporal Evolution of Agriculture and Labor over a Rapid Structural Transformation: Lessons from Vietnam," *Food Policy*, vol. 94 (July 2020): 101913.
- 54. Johanne Pelletier, Hambulo Ngoma, Nicole M. Mason, and Christopher B. Barrett, "Does smallholder maize intensification reduce deforestation? Evidence from Zambia," *Global Environmental Change*, vol. 63 (July 2020): 102127.
- 55. Christopher B. Barrett, "Actions now can curb food systems fallout from COVID-19," *Nature Food*, vol. 1, no. 6 (June 2020): pp. 319-320.
- 56. Leah E.M. Bevis and Christopher B. Barrett, "Close to the Edge: High Productivity at Plot Peripheries and the Inverse Size- Productivity Relationship," *Journal of Development Economics*, volume 143 (March 2020): article 102377.
- 57. Christopher B. Barrett and Michael R. Carter, "Finding Our Balance? Revisiting the Randomization Revolution in Development Economics Ten Years Further On," *World Development*, volume 127 (March 2020): article 104789.
- 58. Christopher B. Barrett, "On Research Strategy for the New One CGIAR: Editor's Introduction," *Food Policy*, volume 91 (February 2020): article 101844.
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Popular Press Contributions and Quotations

Quoted or profiled in or substantial background interviews for articles in, among others (in alphabetical order), ABC News, AgDaily, Agri-Pulse, Akron Beacon Journal, Associated Press, Atlanta Journal-Constitution, The Atlantic, Australian Broadcasting Corporation, Axios, Barron's, BBC, Bloomberg, Boston Globe, Business Daily Africa, Business Insider, Businessweek, Capital Press, Chicago Tribune, China Business Daily, Christian Science Monitor, Christianity Today, Chronicle of Higher Education, CBB, Comment, The Counter, CQ Researcher, CQ Weekly, Des Moines Register, Devex, the Drum, the Economist, Ethiopian Business Review, EWTN, Financial Times, Food Navigator, Food Politics, Foreign Affairs, Foreign Policy, Global Health, Goldman Sachs' Top of Mind, Grist, Guardian (U.K.), The Hill, Inter-Press Service, International Herald Tribune, IRIN News (United Nations), Ithaca Journal, Ithaca Times, Kansas City Star, (Logan, UT) Herald Journal, Lakeland (Florida) Ledger, Lancet, Life Week (China), Los Angeles Times, MediaGlobal, Miller-McCune, Modern Farmer, National Catholic Register, National Catholic Reporter, National Geographic, National Public Radio All Things Considered, National Public Radio Marketplace, National Public Radio Morning Edition, National Public Radio On Point, National Public Radio food blog, Nature, Neue Zürcher Zeitung (NZZ, Switzerland), New York Times, Newark Star Ledger, Nutrition Connect, Observer (U.K.), Orlando Sentinel, Pittsburgh Post-Gazette, Politico.com, Pravda (Slovakia), Reuters, RTE (Ireland public broadcasting), Science Daily, Slate, The Standard (Nairobi, Kenya), St. Petersburg Times, Stateline, Syracuse Post-Standard, Thomson Reuters, Time, Times of India, USA Today, US News & World Report, Utah Science, Voice of America, Vox, Wall Street Journal, Washington Independent, Washington Post, Washington Times, Yahoo Money.

Authored contributions to Axios, Baltimore Sun, CNN, Comment, The Economist, Foreign Affairs, Inside Sources, Ithaca Journal, (Logan, UT) Herald Journal, The Messenger (NC), Los Angeles Times, Smerconish, US News & World Report, USA Today, Utah Statesman, Washington Post.

Featured and interviewed in *All Things Considered*, Australian Broadcasting Corporation, Background Briefing, CBC Radio One, CNN International, *The Daily Show* with Jon Stewart, *Food Tank*, *Government Matters*, Illinois Public Radio (Champaign/Urbana), KCTS-TV documentary *Silent Killer: The Unfinished Campaign against Hunger, Marketplace*, National Public Radio's *Morning Edition*, National Public Radio's *On Point, News Hour with Jim Lehrer*, Utah Public Radio KCPW, *Worldview* (syndicated Chicago National Public Radio show), KUOW Seattle Public Radio, PGIM Outthinking Investor, Radio 2UE (Sydney, Australia), Super Radio Network (Australia), Thomson Reuters, Voice of America, WHCU Ithaca, WHYY Philadelphia NPR Radio Times, WJLA/ABC7 *Government Matters*, WXXI NPR 1370 Connection, WVON-AM talk radio (Chicago).

US Congressional Testimony: House Foreign Affairs Committee, October 2015; Senate Foreign Relations Committee, October 2017; Senate Agriculture Committee, July 2019; US Congress Democratic Policy Group, May 2024. Virginia House of Delegates, November 2024.

Aspen Institute Congressional Program expert scholar speaker on Global Food Security, April 2023 (Bellagio), October 2023 (Washington), and on US interests in Africa, February 2024 (Capetown).

15th Annual George McGovern Lecture for the United States' Mission to the United Nations Agencies in Rome, delivered at the headquarters of the Food and Agriculture Organization of the United Nations, April 2019. Development

Henry Stewart Talk on "Insurance for Development", January 2016

IV. RESEARCH GRANTS RECEIVED

Principal investigator or co-principal investigator on 98 extramural research grants totaling more than \$58 million and 23 internal research grants totaling more than \$2 million.

Cornell Climate Solutions Fund, "Scaling A Solution to Climate Change, Health, Agriculture, Water and Energy Challenges in Africa", 2024-26.

University of Notre Dame Poverty Initiative, "Equipping Communities to Escape from Disease-Poverty Traps and Increasing Equity in Africa", 2024-27 (co-PI, Jason Rohr, PI).

John Templeton Foundation, "Spiritual First Aid in Humanitarian Crisis Interventions: A Randomized Evaluation in Ukraine," 2024-27 (co-PI, Patrizio Piraino, PI).

National Science Foundation, "DISES: Integrating Socio-Economic and Environmental Interventions to Improve Well-Being in Vulnerable Communities," 2023-28.

US Department of Agriculture, "Food Insecurity Dynamics Among Military Veterans," 2023-25.

Mario Einaudi Center for International Studies, "Migration for Equitable Resource Access on East African Drylands" 2023-24 (co-PI, Chuan Liao, PI).

Food and Agriculture Organization of the United Nations (FAO), "Economic value and labor productivity in agri-food systems," 2023 (co-PI, Kate Schneider, PI).

Rockefeller Foundation, "Alternative mechanisms to support local food procurement by public agencies in NYS: incorporating economic multiplier effects and market externalities to calculate the true cost of food," 2022-23 (co-PI, Mario Herrero, PI).

Cornell Atkinson Center for Sustainability academic venture fund, "Mapping poverty, natural hazards, and critical ecosystem services for equitable and sustainable development," 2022-24.

FAO, "A scoping study for the development of an annual Agri-food system Technologies and Innovations Outlook (ATIO)," 2021-22.

National Science Foundation, "Identifying local-to-global "win-win" solutions for human health and sustainability through infectious disease control," 2021-25 (co-PI, Jason Rohr, PI).

US Department of Agriculture, "Assessing Sustainable Development Goals: Six Cross-Nationally Comparable Agri-Food Pilot Studies," 2021-23.

US Department of Agriculture, "Developing Model-Based Food Security Measures to Study Long-Term Food Security Dynamics," 2021-23.

Binational Agricultural Research and Development Fund, "Food security strategies for a changing world," 2021-22.

Initiatives for Poverty Action, Peace and Recovery Program, "Dimensions of Conflict in Pastoral East Africa - Livestock Insurance and Its Conflict-Mitigating Potential," 2021-22 (co-PI, Polly Erickson, PI).

African Economic Research Consortium, "Structural Transformation of African Agriculture and Rural Spaces," 2021-22.

National Science Foundation, "Spoiling fish as food: feedbacks between ecosystem and human responses to harmful algal blooms," 2021-26 (co-PI; Katie Fiorella, PI).

Cornell Center for Social Sciences, "Linking Public and Private Food Assistance Through Administrative Data," 2020-23.

US Department of Agriculture, "Food security and private and public food assistance dynamics in New York State," 2020-2023, renewed for 2023-2026.

CGIAR Standing Panel on Impact Assessment, "Rangeland Health and Index-Based Livestock Insurance: Innovations in Measurement and Evaluation," 2020-22.

National Institute of Food and Agriculture, "Barriers to Rural Food Assistance and Food Pantry Use: Time, Space and Environment," 2020-24 (co-PI; David Just, PI).

US Department of Agriculture, "Understanding Food Insecurity in the Panel Study of Income Dynamics," 2020-21.

US Department of Agriculture, "Food Environment Data System (FEDS): U.S. Part 2 and Extension to Global Scale," 2019-21 (co-PI; Miguel Gomez PI).

USAID and Michigan State University, "Food Security Policy Research, Capacity, and Influence," 2019-24.

Atkinson Center for a Sustainable Future, Cornell University, "Spoiling Fish as Food: Harmful Algal Blooms in Lake Victoria

", 2019-20.

Business of Food Theme of the SC Johnson College of Business, "The Global Food Dollar Series," 2019.

Center for the Study of Inequality, "Exploring Behavioral and Design Constraints to Drought Insurance to Improve Socioeconomic Mobility Among A Poor Rural Population," 2019-20.

USAID, "Harnessing Big Data and Machine Learning to Feed the Future," 2018-21.

Atkinson Center for a Sustainable Future-CARE Innovation for Impact Fund, ""Developing a Robust Toolkit of Empowerment and Resilience Measures," 2018-19.

CGIAR Research Program on Policies, Institutions and Markets,"Structural Transformation of African Agriculture and Rural Spaces," 2016-20.

Index Insurance Innovations Initiative (USAID), "Assessing the value of index insurance for herders: comparing NDVI-based insurance products," 2016.

Partnership for Economic Policy, "Collaboration on Capacity Building for African Scholars on Policies for Agricultural Transformation and Development," 2016-17.

Bill & Melinda Gates Foundation, "Background Overview Papers on Index Insurance and Post-Harvest Losses in Sub-Saharan Africa," 2015.

African Development Bank, "Structural Transformation of African Agriculture and Rural Spaces," 2015-19.

International Growth Centre, "Technology Adoption and Diffusion: The System of Rice Intensification and Food Security in Bangladesh," 2015-16 (co-PI; Asad Islam, PI).

Cornell University Institute for the Social Sciences, "Complementarities of Irrigation and Extension Services in Nepal", 2014-2015.

USDA Economic Research Service, "Measuring Food Security: Alternative Approaches and New Frontiers, " 2014-17.

International Food Policy Research Institute, "Agricultural and Rural Development in Asia," 2014.

International Food Policy Research Institute, "Soil Fertility and Agricultural Development in Ethiopia," 2014-16.

International Initiative for Impact Evaluation, "The effect of demonstration plots and the warehouse receipt system on ISFM adoption, yield and income of smallholder farmers: a study from Malawi's Anchor Farms," 2014-16 (co-PI; Hope Michelson PI).

Mario Einaudi Center for International Studies, "Seed Grant: Natural Resources Degradation, Human Health and Livelihoods in Indonesia," 2014.

AusAID Development Research Awards Scheme, "The Human and Environmental Impacts of Migratory Pastoralism and Index-Based Livestock Insurance in Arid and Semi-Arid East Africa," 2013-2015 (co-PI; Russell Toth PI).

Bill and Melinda Gates Foundation, "Oil Prices and African Food Security," 2012-2013.

International Initiative for Impact Evaluation, "Impact Evaluation of National Rural Employment Guarantee Scheme in India," 2012-14 (co-PI; Yanyan Liu PI).

Mario Einaudi Center for International Studies, "Targeting and Impacts of India's National Rural Employment Guarantee Scheme", 2012-2013.

Cornell University Institute for the Social Sciences, "Targeting and Impacts of India's National Rural Employment Guarantee Scheme", 2012-2013.

Scitor Corporation, "Food Security and Its Implications for Global Stability," 2011-12.

Food and Agriculture Organization of the United Nations, "Background Papers for State of Food and Agriculture 2013: Food Systems and Nutrition", 2011-12.

National Science Foundation, "Doctoral Dissertation Research: Shocks, Trauma, Behavioral Parameters and Subjective Expectations: The Effects of Abduction and Violence on Economic Behavior in Northern Uganda," (doctoral dissertation improvement grant with Marc Rockmore), 2011-13.

Congressional Research Service, "Issues and Options for Improving the Quality and Effectiveness of U.S. International Food Aid," 2011-12.

Land O'Lakes, "Local and Regional Procurement Pilot Project," 2010-11.

World Vision, "Local and Regional Procurement Pilot Project," 2010-11.

Catholic Relief Services, "Local and Regional Procurement Pilot Project," 2010-1, 3 separate grants.

Congressional Research Service, "Global Hunger and Food Security Policy," 2010-11.

Index Insurance Innovations Initiative (USAID), "Index-Based Livestock Insurance: Adaptation and Innovations for Ethiopia," 2010-13.

European Commission, "Transatlantic Methods for Handling Global Challenges in the European Union and United States," 2010-11.

Alliance for a Green Revolution in Africa, "Market Development in African Agriculture: An Evidence-Based Agenda," 2009-10.

International Growth Center, "Public Goods Experiments in Ghana," 2009.

National Science Foundation, "IGERT: Food Systems and Poverty Reduction," 2009-2014.

National Science Foundation, "Doctoral Dissertation Research: Subjective Expectations, Information and Competitiveness in East African Agricultural Output Markets," (doctoral dissertation improvement grant with Brian Dillon), 2009-11.

U.S. Agency for International Development, Assets and Market Access Collaborative Research Support Program (AMA CRSP), "Evaluating the Impact of Cash vs. Food Transfers and of Local Food Aid Purchase in East Africa," 2009-11.

National Science Foundation, "Doctoral Dissertation Research: Risk Sharing and Social Networks in Village Ghana: Experimental Evidence," (doctoral dissertation improvement grant with Thomas Walker), 2009-11.

U.S. Agency for International Development, Assets and Market Access Collaborative Research Support Program (AMA CRSP), "A Productive Safety Net for Northern Kenya's Arid and Semi-Arid Lands: The HSNP+ Program," 2008-11.

International Livestock Research Institute, "Collaborative Work Agreement", 2008-2019.

Cornell University Institute for the Social Sciences, "Persistent Poverty and Upward Mobility", 2008-2011.

National Science Foundation, "Computational Sustainability: Computational Methods for a Sustainable Environment, Economy and Society" (co-PI; Carla Gomes, PI), 2008-13.

Cornell University Office of the Provost, "Stimulating Agricultural and Rural Transformation Initiative", 2008-2013.

U.S. Agency for International Development, Borlaug Leadership Enhancement in Agriculture Program, "Investigating Demand for Index-Based Livestock Insurance in Kenya," (doctoral dissertation improvement grant with Sommarat Chantarat), 2007-8.

U.S. Agency for International Development, Dry Grain Pulses Collaborative Research Support Program, "Using Improved Pulse Crop Productivity to Reinvigorate Smallholder Mixed Farming Systems in Western Kenya," 2008-10 (co-PI; Julie Lauren, PI).

U.S. Agency for International Development, Assets and Market Access Collaborative Research Support Program (AMA CRSP), "Understanding the impact of idiosyncratic shocks on farm productivity and household asset building and protection in Ghana, Ethiopia and Bangladesh," 2007-11.

National Science Foundation, "The Effects of Identity and Social Networks on Investment and Market Participation Behavior: An Analysis from Rural South India," (doctoral dissertation improvement grant with Annemie Maertens), 2007-8.

Cornell University Institute for the Social Sciences, "Avoiding and Escaping Persistent Poverty", 2006-7.

U.S. Agency for International Development, Global Livestock Collaborative Research Support Program (GL CRSP) "PARIMA Synthesis Volume," 2006-7.

U.S. Agency for International Development, Borlaug Leadership Enhancement in Agriculture Program, "Modeling Soil Fertility Replenishment Investment Behavior Among Smallholder Farmers in the Western Kenya Highlands," (doctoral dissertation improvement grant with Paswel Marenya), 2006-7.

U.S. Agency for International Development, Broadening Access through Strengthening Input Systems Collaborative Research Support Program (BASIS CRSP), "Conceptual and Statistical Foundations for the Estimation of Poverty Traps," 2005-7.

World Bank, "Improving the Effectiveness of Action to Reduce Poverty and Vulnerability of Pastoralists", (co-PI; Patti

Kristjanson, PI), 2004-6.

U.S. Agency for International Development, Global Livestock Collaborative Research Support Program (GL CRSP) Livestock Marketing In Ethiopia and Kenya project, 2004.

National Science Foundation, "The Theory and Practice of Reverse Share Tenancy," (doctoral dissertation improvement grant with Marc Bellemare), 2004-5.

Rockefeller Foundation Bellagio Study and Conference Center, "Identity, Community and Economic Policy for Poverty Alleviation", 2005.

Pew Charitable Trusts, "Identity, Community and Economic Policy," 2003-2005.

National Science Foundation, Biocomplexity in the Environment special competition on the Dynamics of Coupled Natural and Human Systems, "Homeostasis and Degradation in Fragile Tropical Agroecosystems" (co-PI; Alice Pell, PI), 2002-2007.

U.S. Agency for International Development, Strategies and Analyses for Growth with Access (SAGA) Cooperative Agreement (co-PI; David Sahn, PI), 2001-2006.

Rockefeller Foundation, Cornell African Food Security and Natural Resource Management Program, 2001-2008. [8 separate, interrelated grants.]

U.S.D.A. Foreign Agricultural Service, Cochran Fellowship Training Program, 2001.

U.S. Agency for International Development, Broadening Access through Strengthening Input Systems Collaborative Research Support Program (BASIS CRSP), "Rural Markets, Natural Capital and Dynamic Poverty Traps in East Africa," 2000-2005.

Pew Charitable Trusts, "Moral and Social Dimensions of Microeconomic Behavior in Low-Income Communities," 2000-2003

Cornell Institute for International Food, Agriculture and Development, "Integrated Plant-Animal Systems Initiative," 2000-2001

U.S. Agency for International Development, Linkage grant with International Livestock Research Institute, (co-PI; N. McCarthy, PI), 1999.

Cornell Institute for International Food, Agriculture and Development, "Agroindustrialization, Globalization, and International Development," 1999.

Cornell University Agricultural Experiment Station, "Rethinking Food Aid For the 21st Century," 1998-2001.

U.S. Agency for International Development, Broadening Access through Strengthening Input Systems Collaborative Research Support Program (BASIS CRSP), "Agriculturalists' Asset and Income Diversification Patterns to Ensure Sustainable Livelihoods," 1998-99.

U.S. Department of Energy, Idaho National Engineering and Environmental Laboratory (INEEL), "Development of a User-

Driven Decision Support System for Water Availability and Quality Management," (co-PI; Upmanu Lall, PI), 1997-2002.

U.S. Agency for International Development, Small Ruminant/Global Livestock Collaborative Research Support Program (SR/GL CRSP), "Improving Pastoral Risk Management on East African Rangelands: Identifying Opportunities for Reducing Household, Community, and Environmental Stress and Promoting Rural Development," (co-PI; D. Layne Coppock, PI), 1997-2007.

U.S. Agency for International Development, Small Ruminant Collaborative Research Support Program (SR CRSP), "Diversification of Livestock Assets for Pastoral Risk Management and Regional Development in East Africa," (co-PI; D. Layne Coppock, PI), 1996-97.

National Pork Producers Council, "Relevant Pacific Basin Market Areas for the U.S. Pork Industry," 1996-97.

Pew Charitable Trusts, Pew Evangelical Scholars Program Research Fellowship, "Fairness and Stewardship: An Axiomatic Foundation For Sustainable Tropical Development," 1996-97.

Pew Charitable Trusts, Faculty Grant Program For Global Stewardship Projects, "Human Needs and Environmentalism" (co-PI; Raymond E. Grizzle, PI), 1996.

Utah State Agricultural Experiment Station," Agricultural Market Integration: Methodological Advances and International Applications," 1995-99.

Utah State University Faculty Research Grant, "The Dynamic Effects of Food Aid on Donor and Recipient Country Agriculture," 1995-96.

University of Wisconsin-Madison Global Studies Research Program (with funds from the John D. and Catherine T. MacArthur Foundation), "Facing The Field: A Practical Guide to Overseas Social Science Research", 1994-95.

National Science Foundation Dissertation Enhancement Grant, "Designing Effective Agricultural Liberalization: An Analysis of Peasants, Their Markets and Supply Response in Madagascar," 1993-94.

World Bank, Research Program on Reforms in Socialist Economies in Africa, "Explaining the Heterogeneity of African Experiences with Agricultural Liberalization" (co-PI; Michael R. Carter, PI), 1993-94.

V. Graduate Students and Post-Doctoral Research Associates Supervised

Chaired 78 graduate student thesis committees and 21 post-doctoral scholars. Minor member on another 51 committees.

Graduated:	Name (major advisees in italics)	Current or initial postgraduate placement
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M.P.A./M.P.S.: Jasmin Higo, 2023 Ph.D. student, Cornell University

Jialu Li, 2023 Research Support Specialist, Tata Cornell Initiative

Ayago Wambile, 2008 Economist, World Bank

Taylor McLean, 2007 Project Coordinator, Easter Seals

Keri McGeehan, 2006 Child Protection/Emergency Assoc., Christian Children's Fund Kioko Munyao, 2005 Food Security and Policy Specialist, World Vision Canada Janet Hou, 2005 State Registration Specialist, BASF Crop Protection USA

Pierre Voufo, 2001 Ph.D. candidate, Binghamton University

M.S.: Shiyun Jiang, 2024 Research Analyst, International Food Policy Research Institute

Tumenkhusel Avirmed, 2024 Research Analyst, Stanford University
Zixia Huang, 2023 Ph.D. candidate, Cornell University

Juan Vergara, 2023 Economist, International Finance Corporation

Pradhyumna Wagle, 2023 Data and Policy Analyst - Statistical Programmer, Acumen LLC

Laurel Krovetz, 2023 Ph.D. candidate, Cornell University

Dianna Tran, 2022 Research Analyst, New York State Legislature *** Peizan Sheng, 2022 Ph.D. candidate, University of Chicago

Xuqian Ma, 2022 Ph.D. candidate, University of California – Berkeley

Farnaz Safari Foroushani, 2022 Ph.D. candidate, Cornell University Judith Martin, 2020 Research Associate, Agrality Amanda Aniston, 2020 Government of Ghana

⁺ Veronica Mazariegos-Anastassiou, 2020 Co-Founder, Brisa de Año Ranch

**Susana Constenla, 2019 Research Analyst, International Food Policy Research Institute

Liz Bageant, 2014 Research Support Specialist, Cornell University

Tim Reber, 2013 Energy Systems Consultant

Michael Mulford, 2013 Country Director, Project Concern International (Tanzania)

Chuan Liao, 2012 Ph.D. student, Cornell University

Asare Twum-Barima, 2010 Ph.D. student, University of California-Davis

Kira Villa, 2009 Ph.D. student, Cornell University
Kurt Waldman, 2008 Ph.D. student, Michigan State University

† Janet Hou, 2008 State Registration Specialist, BASF Crop Protection USA † Pascal Andrianamanbina, 2007 Independent conservation consultant, Madagascar María Lourdes Gallardo, 2006 Junior Professional, InterAmerican Development Bank

**Erin Lentz, 2005Food security analyst, CARE USAPaswel Marenya, 2005Ph.D. candidate, Cornell UniversitySharon Osterloh, 2004Food security officer, World Food Program

Josée Randriamamonjy, 2003 Research assistant, Int'l Food Policy Research Institute

Jacqueline Vanderpuye-Orgle, 2003 Ph.D. candidate, Cornell University

Ingrid Rhinehart, 2002 Senior research analyst, Int'l Food Policy Research Institute

Rodrigo Reynoso, 2001 Staff economist, Government of Mexico *Christine Moser*, 2001 Ph.D. candidate, Cornell University Jean Claude Randrianarisoa, 2001 Staff economist, FOFIFA, Madagascar

(Michigan State University)

Eduardo Tessari, 2000 Staff economist, Government of Paraguay † Travis Lybbert, 2000 Ph.D. candidate, Cornell University

*** Shane M. Sherlund, 1998 Ph.D. candidate, University of Wisconsin-Madison

Erica Lai, 1997 Ph.D. candidate, University of Guelph

Hiroyuki Minato, 1996 Government of Japan, Tokyo Sanjeev Misra, 1996 Bell Laboratories, Somerset, NJ

Sandeep Mohapatra, 1996 Ph.D. candidate, University of California at Davis

Elizabeth Oldham, 1995 Director of children's home in Alaska

Ph.D.: [†]Trinh Pham, 2024 Assistant Professor, Korea Development Institute School of Public

Policy and Management

Tarana Chauhan, 2024 Post-doctoral Research Associate, Brown University

†Seungmin Lee, 2024 Post-doctoral Research Associate, University of Notre Dame

Leonel Borja, 2024 Economist, Inter-American Development Bank
Sergio Puerto, 2024 Post-doctoral Research Associate, Cornell University

Dan Maggio, 2024 Assistant Professor, Rutgers University

Rachel Neugarten, 2023 Exec.Director, Conservation Planning, Wildlife Conservation Society

Yating Ru, 2023 Young Professionals Program, Asian Development Bank

Steven Wilcox, 2022 Assistant Professor, Utah State University

*#Maulik Jagnani, 2019 Assistant Professor, Tufts University

Linden McBride, 2018 Assistant Professor, St. Mary's College of Maryland

Vesall Nourani, 2018 Assistant Professor, Harvard University
Erwin Knippenberg, 2018 Young Professionals Program, World Bank

Emily Bielecki Madan, 2018 Nutrition consultant

Kibrom Tafere, 2017 Research Economist, World Bank Jennifer Cissé, 2017 Senior Risk Advisor, USAID

*,**.*Ellen McCullough, 2016 Assistant Professor, University of Georgia
Andrew Simons, 2016 Assistant Professor, Fordham University

‡Leah Bevis, 2016 Assistant Professor, Ohio State University

Habtamu Fuje, 2016 (Columbia) Research Economist, World Bank

Micah Ingalls, 2016 Program Manager, Worldwide Fund for Nature (WWF)

Chuan Liao, 2015 Assistant Professor, Arizona State University

*Teevrat Garg, 2015 Assistant Professor, University of California-San Diego Nathan Jensen, 2014 Economist, International Livestock Research Institute Brian Thiede, 2014 Assistant Professor, Pennsylvania State University

*Joanna Upton, 2014 Research Associate, Cornell University

*Chayanee Chawanote, 2014 Lecturer, Thammasat University (Thailand)

*Aurélie Harou, 2013 Assistant Professor, McGill University

Matt Hurst, 2013 Staff Engineer, CME Associates

Erin Lentz, 2013 Associate Professor, University of Texas - Austin

Marc Rockmore, 2012 Staff Economist, US Government Accountability Office

Sudha Narayanan, 2011 Asst Professor, Indira Gandhi Inst. for Development Research

*Corey Lang, 2011 Associate Professor, University of Rhode Island

Brian Dillon, 2011 Assistant Professor, Cornell University

Russell Toth, 2011 Senior Lecturer, University of Sydney (Australia)

Thomas Walker, 2011 Economist, World Bank

*Sosina Bezu, 2010 (Norwegian Univ. of Life Sciences) Senior Researcher, Chr. Michelsen Institute (Norway)

[⋄]*Hope Michelson*, 2010 Assistant Professor, University of Illinois [‡]*Annemie Maertens*, 2010 Senior Lecturer, University of Sussex (UK)

Alan Green, 2009 Professor, Stetson University

**Sommarat Chantarat, 2009 Research Fellow, Australian National University

Jeff Gordon, 2009 Entrepreneur, New York City

*Vivian Hoffmann, 2008 Assistant Professor, University of Maryland Paswel Marenya, 2008 Lecturer, University of Nairobi (Kenya)

Andrew Dillon, 2008 Research Associate Professor, Northwestern University

Felix Naschold, 2008 Assistant Professor, University of Wyoming Emma Stephens, 2007 Professor, Pitzer College (Claremont Colleges)

Ruchira Bhattamishra, 2007 Consultant, World Bank Jacqueline Vanderpuye-Orgle, 2007 Senior Director, PAREXEL

Paulo Santos, 2007Senior Lecturer, Monash University (Australia)§ Andrew Mude, 2006Division Manager, African Development BankA.J. Felkey, 2006Associate Professor, Lake Forest College*Marc Bellemare, 2006Northrop Professor, University of MinnesotaDavid Amudavi, 2005Executive Director, BioVision Africa Trust

Heidi Hogset, 2005 Associate Professor, Molde University College (Norway)
Florence Nherera, 2005 Ruminant Nutritionist, Agr. Research Council (South Africa)

Christine Moser, 2004 Professor, Western Michigan University
Travis Lybbert, 2004 Professor, University of California at Davis

Jef Leroy, 2004Senior Research Fellow, Int'l Food Policy Research InstituteDouglas Brown, 2004Assistant Professor, Glendon College, York University (Canada)

Somwya Varadharajan, 2004 Instructor, Cornell University

Alessandra Marini, 2004 Young Professionals Program, World Bank

Heidi Gjertsen, 2003 Research Director, San Diego Hunger Coalition

Edward Mabaya, 2003 Senior Research Associate, Cornell University

Shumei Yun, 2003 Post-Doctoral scientist, Missouri Public Health Department

Paul Cichello, 2002 Associate Professor of the Practice, Boston College

David Newhouse, 2002 Senior Economist, World Bank

Kaafee Billah, 2001 Post-doctoral researcher, Centers for Disease Control

Solomon Desta, 1999 Owner, MARIL

Andrew Flood, 1999 Associate Professor, University of Minnesota

Jau Rong Li, 1997Associate Professor, Yi-Shou University, Kaoshiung, TaiwanKai Li Wang, 1997Associate Professor, Tam Kang University, Tamsui, TaiwanHYi Nung Yang, 1997Associate Professor, Chung Yuan University, Taiwan

Post-Docs: + Harry Son, 2022-23 Post-doctoral Research Associate, Utrecht University

Liz Tennant, 2019-21 Research Associate, Cornell University
Faraz Usmani, 2019-20 Research Economist, Mathematica
Johanne Pelletier, 2017-20 Postdoctoral Consultant, CGIAR SPIA
*Eva-Marie Meemken, 2019-20 Assistant Professor, ETH-Zurich

Joanna Upton, 2014-17 Senior Research Associate, Cornell University

*Katie Fiorella, 2015-17 Assistant Professor, Cornell University

Nathan Jensen, 2014-16 Research Scientist, International Livestock Research Institute
Paul Christian, 2014-2106 Economist, Development Research Group, World Bank

* Brian Dillon, 2011-2013 Assistant Professor, University of Washington Kazushi Takahashi, 2010-2012 Associate Professor, Sophia University (Japan)

Nishith Prakash, 2010-2011 Professor, Northeastern University

Pin Chantarat, 2009-2010Research Fellow, Australian National UniversityFelix Naschold, 2008-2010Assistant Professor, University of Wyoming

Doug Brown, 2004-5 Assistant Professor, Glendon College, York University (Canada)

Ben Okumu, 2000-2004 Associate Research Scientist, Columbia University

+ Getachew Gebru, 2000-2003 Post-doctoral Research Associate, Utah State University

⁺ John McPeak, 1999-2002 Professor, Syracuse University

+ Michael Fleisher, 1999-2000 Independent consultant, Addis Ababa, Ethiopia

⁺ Kevin Smith, 1997-99 USAID foreign service officer

<u>Current</u> (major advisees in italics):

M.S.: Alex Mills Yuhe Zhang

Deepa Rangarajan

Ph.D.: Molly Doruska Hongdi Zhao Farnaz Safari Foroushani Jason Zhao

Yuma Noritomo

Post-doc: *Divya Solomon

+Co-supervised

Won American Agricultural Economics Association Outstanding Ph.D. Dissertation award

- Von Agricultural and Applied Economics Ass'n Outstanding Ph.D. Dissertation award, honorable mention
- ## Won International Association of Agricultural Economics Carl Eicher Award for Outstanding Ph.D. Dissertation on Africa
- *** Won American Agricultural Economics Association Outstanding Master's Thesis award
- ** Won American Agricultural Economics Association Outstanding Master's Thesis award, honorable mention
- * Won Northeastern Agricultural and Resource Economics Association Outstanding Master's Thesis award
- § Won Global Development Network medal for outstanding research on development
- ^H Won Taiwan National Science Council Outstanding Dissertation Award
- [‡] Won Warren Award for outstanding Cornell graduate student paper in applied economics
- Won Outstanding Doctoral Dissertation Award in economics, National Research Council of Thailand

VI. HONORS, AWARDS, AND FELLOWSHIPS

Dean's Distinguished Award for Societal Impact in Research, Cornell SC Johnson College of Business, 2024.

Elected Honorary Life Member, International Association of Agricultural Economists, 2024.

International champion, Frontiers Planet Prize 2024, for Rohr et al. (Nature 2023).

Faculty Teaching Excellence Award – Graduate Program, Dyson School of Applied Economics and Management, 2024.

Sustainability Science Award 2024 from the Ecological Society of America, for Rohr et al. (*Nature* 2023). Rockefeller Foundation Bellagio Center Residency, 2024.

US national champion for the Frontiers Planet Prize 2024, for Rohr et al. (Nature 2023).

American Risk and Insurance Association 2023 Robert I. Mehr Award for the *Journal of Risk and Insurance* article published ten years earlier that has "best stood the test of time", for Chantarat et al. 2013.

Agricultural & Applied Economics Association's Outstanding *American Journal of Agricultural Economics*Article Award, 2022 for Barrett, Islam, Malek, Pakrashi & Ruthbah.

Elected Member, National Academy of Sciences, 2022.

Agricultural and Applied Economics Association International Section's Best Paper Award, 2022.

Cornell University, Outstanding Educator in Influencing Merrill Presidential Scholar, 2001, 2005, 2021, 2023, 2024.

World Bank Economic Review, Excellence in Refereeing Award, 2020.

Invited to present Agricultural and Applied Economics Association annual Fellow's Address, 2020.

European Association of Agricultural Economists Quality of Research Discovery Award, 2018 for Jensen, Mude and Barrett *Food Policy* 2018.

Charles H. Dyson School Faculty Research Excellence Award, 2019.

Agricultural and Applied Economics Association's Publication of Enduring Quality Award, 2019 for Carter & Barrett *JDS* 2006.

Agricultural and Applied Economics Association's Publication of Enduring Quality Award, Honorable Mention, 2019 for Reardon, Timmer, Barrett & Berdegue *AJAE* 2003.

Best article award, Agricultural Economics, 2017 for Harou, Walker & Barrett.

Outstanding Applied Economic Perspectives & Policy Article Award, 2017 for Jensen & Barrett.

Agricultural and Applied Economics Association's Distinguished Graduate Teaching Award for ten or more years' experience, 2017.

Agricultural & Applied Economics Association's Outstanding *American Journal of Agricultural Economics*Article Award, Honorable Mention, 2017 for Dillon & Barrett.

Elected Fellow, American Association for the Advancement of Science, 2016.

USAID Board for International Food and Agricultural Development Award for Scientific Excellence, 2016.

Emerald Citation of Excellence for 2016 as best 2013 paper in *Journal of Risk and Insurance* for Chantarat, Mude, Barrett & Carter.

Cornell University Graduate and Professional Student Assembly Award for Excellence in the Teaching, Advising, and Mentoring of Graduate and Professional Students, 2016

Tompkins County Tourism Partner Award

Agricultural and Applied Economics Association's Quality of Research Discovery Award, 2014 for Bellemare, Barrett & Just *AJAE* 2014.

Agricultural and Applied Economics Association's American Journal of Agricultural Economics best article award, honorable mention, 2014 (declined) for Bellemare, Barrett & Just

Agricultural and Applied Economics Association's Award for Outstanding Contribution to Applied Risk Analysis, 2014 for Chantarat, Mude, Barrett & Carter *JRI* 2013.

European Association of Agricultural Economists Quality of Research Discovery Award, 2013 for Bellemare, Barrett & Just *AJAE* 2014.

USAID Science and Technology Pioneers Prize, Grand Prize winner, 2013

Fulbright Senior Scholarship to Australia, 2012-13

Agricultural and Applied Economics Association's Award for Outstanding Contribution to Applied Risk Analysis, 2012.

Agricultural and Applied Economics Association's *American Journal of Agricultural Economics* best article award, honorable mention, 2012 for Villa, Barrett & Just.

Cornell University College of Agriculture and Life Sciences' Award for Outstanding Career Accomplishments in Science and Public Policy, 2011.

Elected Fellow, Agricultural and Applied Economics Association, 2010.

Elected Distinguished Fellow, African Association of Agricultural Economists, 2010.

SUNY Chancellor's Award for Excellence in Scholarship and Creative Activities, 2009.

American Agricultural Economics Association Distinguished Policy Contribution Award, 2008.

Western Agricultural Economics Association, *Journal of Agricultural and Resource Economics* Outstanding Journal Article Award, 2007 for Wang & Barrett.

American Agricultural Economics Association Quality of Communication Award, 2006 for Barrett & Maxwell Food Aid After Fifty Years.

Dudley Seers Prize for the best article in the Journal of Development Studies, 2003 for Barrett & Clay.

Best Study Prize, Taiwan Economic Inquiry, 2002 for Yang & Barrett.

OECD Co-operative Research Fellowship in Biological Resource Management for Sustainable Agricultural Systems, 2001-2.

Utah State University College of Business Research Publication Award: 1994, 1995, 1996, 1997, 1998.

UNICEF "recommended reading of the month" selection for Barrett and Csete, A&HV 1995

American Agricultural Economics Association Outstanding Dissertation Award, 1994

Henry C. Taylor Award for Outstanding Wisconsin Agricultural Economics Dissertation, 1994

American Agricultural Economics Association Foundation Fellowship, 1994

Social Science Research Council International Dissertation Research Fellowship, 1993-1994

Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship, 1993-1994 (declined)

Institute for the Study of World Politics Ph.D. Dissertation Fellowship, 1993-1994

Vilas and University Fellowships, University of Wisconsin-Madison, 1990-1992 and 1993-1994

John D. and Catherine T. MacArthur Foundation Scholarship, 1992-1994

Social Science Research Council International Predissertation Fellowship, 1991-1993

Gamma Sigma Delta, the Honor Society of Agriculture, admitted 1992

Fulbright Fellowship to the United Kingdom, 1984-1985

Harold Willis Dodds Achievement Prize to outstanding graduating senior, Princeton University, 1984

VII. SELECTED PROFESSIONAL SERVICE

Professional Level:

Editorial:

Co-Editor-in-Chief, Food Policy, 2019-present

Editor, Palgrave Macmillan book series on Agricultural Economics and Food Policy, 2013-present

Editor, American Journal of Agricultural Economics, 2003-2008.

Editorial Board (equivalent to an Associate Editor), Proceedings of the National Academy of Sciences, 2023-26

Co-Editor, Development Economics Elements series, Cambridge University Press and UNU-WIDER, 2021-present

Guest editor, special issue of World Development, volume 105 (May 2018).

Guest editor, special issue of Agricultural Economics, volume 48, no. S1 (November 2017).

Guest co-editor, special issue of Global Food Security, vol.11 (December 2016).

Guest co-editor, special issue of Food Policy, volume 42, number 1 (October 2013).

Guest co-editor, special issue of World Development, volume 49, number 9 (September 2013).

Guest editor, special feature of the Proceedings of the National Academy of Sciences, 108 (34), August 23, 2011.

Guest editor, special issue of World Development, volume 37, no. 11 (November 2009).

Guest editor, special issue of African Development Review, volume 21, No. 1 (2009).

Guest editor, special issue of Faith and Economics, no. 50 (Fall 2007).

Guest editor, special issue of Journal of Development Economics, vol. 82, no. 2 (July 2007).

Guest editor, special issue of Agricultural Economics, vol. 34, no. 2 (March 2006).

Guest editor, special issue of Environment and Development Economics, vol. 11, no.1 (February 2006).

Guest editor, special issue of Journal of Development Studies, vol. 42, no.1 (February 2006).

Guest editor, special issue of *Journal of Economic Inequality*, vol. 3, no. 3 (December 2005).

Guest editor, special issue of World Development, vol. 33, no. 2 (February 2005).

Guest Editor, special issue of Environment and Development Economics, vol. 6 no. 4 (October 2001).

Guest Editor, special issue of Food Policy, vol. 26. no. 4 (August 2001).

Guest Editor, special issue of Agricultural Economics, vol. 23, no.3 (September 2000).

Editorial Board, Indian Economic Review, 2020-present

Editorial Board, Australian Journal of Agricultural and Resource Economics, 2018-21.

Editorial Advisory Panel, Nature Sustainability, 2017-present.

Editorial Board, Journal of Development Studies, 2009-present.

Editorial Board, African Journal of Agricultural and Resource Economics, 2005-present.

Editorial Advisory Board, World Development, 2000-present.

Editorial Advisory Board, Journal of Agribusiness in Developing and Emerging Economies, 2011-2017.

Editorial Board, European Review of Agricultural Economics, 2010-2016.

Editorial Board, Food Security, 2010-2014

Editorial Advisory Board, *Egerton Journal of Humanities, Social Sciences and Education*, 2009-2014 Editorial Board, *Faith and Economics*, 2006.

Associate Editor, Journal of African Economies, 2002-2009

Editorial Board, Environment and Development Economics, 2001-2007.

Associate Editor, American Journal of Agricultural Economics, 2000-2003.

Associate Editor, 2000-2003, and Member, Editorial Advisory Board, Agricultural Economics, 1999-2000.

Editorial Council (Associate Editor), Journal of Agricultural and Resource Economics, 1998-2000.

Professional Leadership:

Chair, International Food Policy Research Institute Strategy and Program Council, 2023-present Elected Council Member representing the Section on Social, Economic and Political Sciences, American Association for the Advancement of Science, 2024-25

Mentor, Research in Color Foundation, 2023-present

Member, Advisory Board, Association for Mentoring and Inclusion in Economics, 2021-present

Member, Advisory Board, Kellogg Institute for International Studies, University of Notre Dame, 2021present

Co-Chair, Ithaca Faculty Roundtable on Science and Religion, 2020-present.

Member, World Bank Group Global Influence Barometer panel, 2021-present

Member, Advisory Council, Rockefeller Foundation True Cost of Food program, 2021

Member, Advisory Board for the Advancing Local Leadership, Innovation and Networks (ALL-IN) program, 2020-present.

Member, Independent Science for Development Council of the Consultative Group for International Agricultural Research, 2019-present.

Member, Expert Panel for the Global Alliance for Improved Nutrition (GAIN), Alliance of Bioversity and CIAT (The Alliance), and EAT Project Disrupt: Healthy Diets on a Healthy Planet, 2020.

Member, Advisory Board, USAID Feed the Future Innovation Lab for Markets, Risk and Resilience, 2019-2020.

Member, Advisory Council, Farmer Income Lab (corporate-NGO partnership convened by Mars Inc.), 2019-2020

Lead Co-Chair, *Nature* expert panel on Innovations to build sustainable, equitable, inclusive food value chains, 2019-2020.

Co-Organizer, National Bureau for Economic Research conference, Transforming Rural Africa, Feb. 2019. Member, Technical Advisory Group, Modelling Early Risk Indicators to Anticipate Malnutrition (MERIAM) project led by Action Against Hunger, 2019-2022.

Co-Organizer, Northeastern Universities Development Consortium annual conference, Oct. 2018.

Elected Member at Large, Executive Board of Directors, International Association of Agricultural Economists, 2018-2021.

Member, Fellows Selection Committee, Agricultural and Applied Economics Association, 2017-2022.

Chair-Elect/Chair/Past Chair, International Section, Agricultural and Applied Economics Association, 2014-2017.

Member, Advisory Board for the Centre for Development Economics and Sustainability, Monash Business School (Australia), 2016-present.

Co-Organizer, National Bureau for Economic Research conference, The Economics of Poverty Traps, June 2016.

Member, Scientific Committee, Forests and Livelihoods: Assessments, Research, and Engagement Community of Practice, International Forestry Resources and Institutions, University of Michigan, 2015-present

Co-Organizer, Global Food Security Conference, October 2015.

Member, Independent Steering Committee, CGIAR Research Program on Policies, Institutions, and Markets to Strengthen Food Security and Incomes for the Rural Poor, 2017-2019.

Member, Strategic Advisory Council, International Food Policy Research Institute, 2013-2015.

Member, Science and Policy Advisory Panel, CGIAR Research Program on Policies, Institutions, and Markets to Strengthen Food Security and Incomes for the Rural Poor, 2013-2016.

Chair, Award Selection Committee, Bruce Gardner Memorial Prize for Applied Policy Analysis, Agricultural and Applied Economics Association, 2010-12.

Member, Research Committee, AGree, 2011-2014.

Member, Research Advisory Council, YouthSave Consortium, comprised of Save the Children, the Center for Social Development at Washington University, the New America Foundation, and the Consultative Group to Assist the Poor, 2010-2014.

Member, Scientific Committee, Index Insurance Innovation Initiative, 2009-2014.

Member, Selection Committee, Bruce Gardner Memorial Prize for Applied Policy Analysis Award, Agricultural and Applied Economics Association, 2009-2010.

Chair, Social Sciences Stripe Review Panel, Consultative Group for International Agricultural Research Science Council, 2008-9.

Member, Scientific Advisory Board, Courant Research Centre on Poverty, Equity and Growth, Georg-August-Universität Göttingen, Germany, 2007-2014.

Executive Committee Member, United Nations University Food and Nutrition Program for Human and Social Development, 2006-2014.

Member, Advisory Board, Partnership to Cut Hunger and Poverty in Africa, Reconsidering Food Aid initiative, 2006-2008.

Member, Consultative Group on International Agricultural Research (CGIAR) Science Council Standing Panel on Priorities and Strategies, 2004-2006.

Member, Advisory Board, MetaNexus Institute Spiritual Capital Research Program, 2004-2007.

Member, External Advisory Board, Rockefeller Foundation Program on Markets to Raise Incomes of Poor Farmers in Africa, 2004-2006.

President, 2001-2003, Vice President, 1999-2001, and Member, Executive Board, 1997-99, Association of Christian Economists.

Member, American Agricultural Economics Association Communications and Publications Committee, 2004-2008, Nominating Committee, 2000-2004 and 2008-2011, Program Committee, 1998-2000.

Chair, American Agricultural Economics Association International Committee, 1998-2000.

Campus Level:

Member, College of Human Ecology Ad-Hoc Tenure Review Committee, 2024-25.

Founding Director, Cornell Collaboration on International Development Economics Research, 2024present

Member, CALS Nominations Committee, 2022-present

Co-Coordinator, Cornell Development Economics Research Seminar, 2020-present

Member, Faculty Advisory Council, Emerging Markets Institute, 2020-present

Faculty Adviser, Cornell University Veterans Association, 2019-present

Member, Advisory Board, Cornell Research Academy of Development, Law and Economics, 2017-present.

Member, Chesterton House Faculty Advisory Committee, 2013-present

Member, Institute for African Development/Cambridge Scholars Publishing Editorial Advisory Board, 2013-present

Member, Institute for African Development Occasional Paper Series Advisory Board, 2012-present

Faculty Advisory Committee, Institute for African Development, 2001-present

Faculty Affiliate, Institute for Health Economics, Health Behaviors, and Disparities, 2019-2022.

Faculty Fellow, Flora Rose House, 2018-2024.

Social-Ecological Systems Scientist search committee member, Department of Natural Resources and the Environment, 2021

College of Agriculture and Life Sciences' Review Committee for SUNY Chancellor's Awards for Excellence in Scholarship and Creative Activities, 2020.

Global Ambassador on behalf of Vice Provost for International Affairs, 2019-21.

Co-Director, Food Security Working Group, David R. Atkinson Center for a Sustainable Future, 2018-20.

Faculty Advisor, Feel Good Cornell, a student-run service club addressing global hunger, 2017-2020.

Faculty Member, Program in International Nutrition, 2007-2019.

Member, Carnegie Fellows Program Selection Committee, 2015-2019.

Member, Graduate Field of Economics Director of Graduate Studies Nominating Committee, 2014

Chair, Graduate Field of Economics Executive Committee, 2013-14

Elected Dyson School representative, Cornell Faculty Senate, 2013-2014

H.E. Babcock Professorship of Food & Nutrition Economics and Policy Search Committee, 2013-14

Atkinson Center for a Sustainable Future Executive Director Search Committee, 2013

Faculty Advisor, Financial Literacy Initiative, a student-run club serving low-income families, 2013-14.

Member, University Task Force on Internationalization, 2012

Member, Advisory Group on University Courses, 2011-2014

Member, Committee on University-ROTC Relationships, 2011-2017

Member, Economics Chair Selection Committee, 2011

Member, Environmental and Energy Economics and Sustainable Enterprise cluster faculty search committee, 2010-2012.

Chair, Ad Hoc Tenure and Promotion Review Committee, College of Agriculture and Life Sciences, 2010.

External Member, Search Committee, Division of Nutritional Sciences, 2009-10.

Member, Ad Hoc Tenure and Promotion Review Committee, College of Arts & Sciences, 2009.

Member, Institute for the Advancement of Economics at Cornell, 2008-2009.

Member, Provost's Economics Field Ad Hoc Committee, 2007.

External Member, Search Committee, Department of Policy Analysis and Management, 2007-8.

Chair, 2 different University Ad Hoc Promotion and Tenure Review Committees, 2006.

Member, Provost's Social Science Internal Advisory Council, 2005-2008.

College of Agriculture and Life Sciences Representative, Governing Board, Cornell International Institute for Food, Agriculture and Development, 2005-2013.

Member, Einaudi Center for International Studies Steering Committee, 2002-2007.

Founding Co-Director, African Food Security and Natural Resource Management Program, Cornell Institute for International Food, Agriculture, and Development, 2000-2009

Member, Steering Committee, Program on Comparative Economic Development, 1998-present

Member, College of Agriculture and Life Sciences Social Sciences Task Force, 2002-3.

Elected Social Sciences Representative, General Committee, Graduate School, 2001-5.

Founding Director, Workshop on Rural Livelihoods and Biological Resources: Institutions & Technologies, 2000-2003.

Chair, USU College of Business Ad-Hoc Committee on International Economics for Business, 1994-95

Department/School Level:

Faculty Fellow for Inclusive Excellence, Dyson School, 2024-25

Chair, Faculty Search Committee, 2022-23, 2024-25

Chair, Dyson School History Committee, 2024-25

Ph.D. Placement Director, Applied Economics and Management, 2021-24.

Founding Director, Dyson School Brownbag Faculty Research Seminar, 2021-present

Chair, Ad Hoc Promotion Review Committee, Charles H. Dyson School of Applied Economics and Management, 2022.

Chair, Ad Hoc Tenure Review Committee, Department of Applied Economics and Management, 2001-2, and 2006.

Chair, Ad Hoc Reappointment Review Committees, Charles H. Dyson School of Applied Economics and Management 2002-3, 2008, 2011-12, 2020-21

Chair, Tenure and Promotion Procedures Review Committee, Department of Applied Economics and Management, 2009.

Founding Coordinator, AEM Undergraduate Internship Support Grants program, Charles H. Dyson School of Applied Economics and Management, 2006-2013.

Member, Department/School departmental review, research, graduate admissions, recruitment and search, assistant/associate professor annual review, tenure review, transitions management, seminar and graduate theory competency, assistant/associate professor reviews committees, various years 1998-present.

Member, Cornell Economics graduate admissions committee, 1999-2000

Chair, USU Economics Department Committee on Governance and Organization, 1996-97

Coordinator, USU economics department research seminar series and summer speaker series, 1995-97

VIII. CONSULTING EXPERIENCE

African Development Bank, American Enterprise Institute, Bill & Melinda Gates Foundation, Brookings Institute, CARE, Canadian Foodgrains Bank, Consultative Group for International Agricultural Research, Copenhagen Consensus, DevTech, Economist Intelligence Unit, European Commission, Food and Agriculture Organization of the United Nations, Global Development Network, Global NGO Executives Forum, International Development Bank, International Centre for Research on Agroforestry, International Food Policy Research Institute, International Fund for Agricultural Development, International Livestock Research Institute, Kimetrica, Meridian, Organisation for Economic Cooperation and Development, OXFAM America, Rockefeller Foundation, Scitor Corporation, SONAE, United States Agency for International Development, World Bank, World Food Programme

IX. FOREIGN LANGUAGES

English (native), French (moderate), Swahili (basic)

X. PERSONAL

Born November 26, 1963 Married, with five adult children and one grandchild United States citizen