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Professional Experience:

2015-present, Professor, Public Administration and International Affairs, Syracuse University
2014-2015, Associate Professor, Public Administration and International Affairs, Syracuse University
2011-2014, Associate Professor and Vice-Chair, Public Administration and International Affairs, Syracuse University
2008-2011, Associate Professor of Public Administration, Syracuse University
2002 - 2008, Assistant Professor of Public Administration, Syracuse University
1999 - 2002, Postdoctoral Fellow, Cornell University / GL-CRSP Pastoral Risk Management Project
1989 - 1992, Agricultural Extension Agent, Peace Corps Senegal.

Education:

Ph.D., University of Wisconsin – Madison, 1999, Department of Agricultural and Applied Economics
MA, University of Wisconsin – Madison, 1996, Department of Agricultural Economics
BA, Saint Lawrence University, 1988, Economics and Sociology

Publications:

Articles

“Impact of Climate Change Adaptation on Welfare and Child Nutrition of Farm Household in Rural Ethiopia: A Panel Data Analysis.” With Taye T. Fisiha. *World Development* Volume 200, April, 107269 (2026)

“Effects of Drought on Acute Chile Malnutrition in Borana Zone, South Ethiopia” with Abdela Alite Hilo. *Discover Public Health*. 22:830 (2025)

“The Protective Role of Index Insurance in the Experience of Violent Conflict: Evidence from Ethiopia.” with Tekalign Sakketa and Daniel Maggio. *Journal of Development Economics*. Volume 174, May, 103445 (2025)

“Addressing concerns of access and distribution of health workforce: a discrete choice experiment to develop rural attraction and retention strategies in southwestern Ethiopia” with Abdela Alite Hilo. *BMC Health Services Research*. 24:1603 (2024).

“Does Community-Based Adaptation Enhance Social Capital? Evidence from Senegal and Mali” with Hannah Patnaik. *Journal of Development Studies*, 59(11): 1718-1740 (2023)

“Perceived access to PrEP as a Critical Step in Engagement: A Qualitative Analysis and Discrete Choice Experiment among Young Men Who Have Sex With Men” with Elisabeth Asiago-Reddy, Riccardo Scarpa, Amy Braksmajer, James McMahon, Nicola Ruszkowski, and Andrew London. *PLOS ONE*. (2021)

“Diversify More or Less? Household Income Generation Strategies and Food Security in Rural Nigeria.” With Senakpon F. A. Dedeouhanou. *Journal of Development Studies*. (2019)

“Resilience from the ground up: how are local resilience perceptions and global frameworks aligned?” With Emilie Beauchamp, Jennifer Abdella, Susannah Fisher, Hannah Patnaik, Papa Koulibaly, Daouda Cissé, Mamadou Touré, Aly Bocoum, Momath Ndao, Yacouba Deme, Bara Gueye. *Disasters*. 43(S3): S295-S317 (2019)

“Land Use and Tenure Insecurity in the Drylands of Southern Ethiopia.” With Peter Little. *Journal of Development Studies* 55(6): 1307-1324 (2019)

“Mobile Peoples, Contested Borders: Land use conflicts and resolution mechanisms among Borana and Guji communities, southern Ethiopia”. With Peter Little. *World Development*. Volume 103, Pages 119-132 (2018)

“Digital wiki map of pastoral geographies in eastern Senegal” with Matthew Turner, Erin Kitchell, and Jérémie Bourgoin. *Pastoralism: Research, Policy and Practice* (7):31 (2017)

“Applying the Concept of Resilience to Pastoralist Household Data” with Peter Little. *Pastoralism: Research, Policy and Practice*. 7(14) (2017)

“Reconciling Flexibility and Tenure Security for Pastoral Resources: The Geography of Transhumance Networks in Eastern Senegal.” *Human Ecology*. With Matthew D. Turner, Kramer Gillin, Erin Kitchell, and Niwaeli Kimambo. 44: 199-215 (2016)

“Livestock sharing contracts in agrarian economy: Evidence from Ethiopia.” With Million Tadesse, Stein T. Holden and Ragnar A Øygard. *Agricultural Economics*. (2016) 47:479-492

“Mapping of Pastoral Corridors: Practices and Politics in Eastern Senegal” with Erin Kitchell and Matthew Turner. *Pastoralism: Research, Policy and Practice*. 4(17) (2014)

“The role of livestock mobility in the livelihood strategies of rural peoples in semi-arid West Africa.” With Matthew D. Turner and Augustine Ayantunde. *Human Ecology*. 42: 231-247 (2014)

“Risk and Intertemporal Substitution: Livestock Portfolios and Off-take among Kenyan Pastoralists.” With Travis J. Lybbert. *Journal of Development Economics*. 97(2): 415-426 (2012)

“Explaining Index-Based Insurance to Pastoralists.” With Sommarat Chantarat and Andrew Mude. *Agricultural Finance Review*. 70(3):333-352 (2010)

“Leaving or Staying: Inter-Provincial Migration in Vietnam”. With Phuong Nguyen-Hoang. *Asian and Pacific Migration Journal*. 19(4): 473-500. (2010)

“Dynamic Field Experiments in Development Economics: Risk valuation in Morocco, Kenya and Peru” With Travis Lybbert, Francisco Glazara, Christopher B. Barrett, Stephen Boucher, Michael R. Carter, Sommarat Chantarat, Aziz Fadlaoui, and Andrew Mude. *Agricultural & Resource Economics Review* 39(2): 176-192 (2010)

“Do Community Members Share Development Priorities? Results of a Ranking Exercise in East African Rangelands.” With Cheryl Doss, Christopher B. Barrett and Patti Kristjanson. *Journal of Development Studies*. 45(10): 1663-1683 (2009)

“Identifying Conservation Opportunities among Malinké Bushmeat Hunters of Guinea, West Africa” With Sharon Pailler, John Wagner, and Don Floyd. *Human Ecology*. 37(4): 761-774 (2009)

“Empirical Forecasting of Slow-Onset Disasters for Improved Emergency Response: an application to Kenya’s arid north.” With Andrew Mude, Christopher B. Barrett, Robert Kaitho, and Patti Kristjanson. *Food Policy*. 34(4): 329-339 (2009)

“Understanding Declining Mobility and Interhousehold Transfers Among East African Pastoralists.” With Marieke Huyseentruyt and Christopher B. Barrett. *Economica*. 76: 315-336 (2009)

“Challenging Stereotypes: The Multiple Dimensions of Poverty in Pastoral Areas of East Africa.” With Peter Little, Christopher B. Barrett, and Patti Kristjanson. *Development and Change* 39(4): 587-611 (2008)

“Interpersonal, Intertemporal and Spatial Variation in Risk Perceptions: Evidence from East Africa.” With Cheryl Doss and Christopher B. Barrett. *World Development*. 36(8): 1453-1468 (2008)

“Bayesian Herders: Asymmetric Updating of Rainfall Beliefs in Response to External Forecasts” with Travis Lybbert, Christopher B. Barrett, and Winnie Luseno. *World Development* 35(3): 480-497 (2007)

“Educational Investments in a Dual Economy.” With Andrew Mude, Christopher B. Barrett, and Cheryl Doss. *Economica*. 74:351-369 (2007)

“Confronting the Risk of Asset Loss: What Role Do Livestock Transfers in Northern Kenya Play?” *Journal of Development Economics*. 81(2): 415-437 (2006)

“Are Household Production Decisions Cooperative? Evidence on Pastoral Migration and Milk Sales in Northern Kenya” with Cheryl Doss. *American Journal of Agricultural Economics*. 88(3):525-541. (2006)

“Welfare Dynamics in Rural Kenya and Madagascar” *Journal of Development Studies*. With Christopher B. Barrett, Paswel Phiri, Bart Minten, Festus Murithi, Willis Oluch-Kosura, Frank Place, Jean Claude Randrianarisoa, Jhon Rasambainarivo, and Justine Wangila. 42(2): 248-277 (2006)

“Policy, technology, and management strategies for achieving sustainable agricultural intensification.” With David R. Lee and Christopher B. Barrett. Introduction for a special issue of *Agricultural Economics* 34(2): 123-127 (2006)

“The Dynamics of Coupled Human and Natural Systems.” With Christopher B. Barrett and David R. Lee. Introduction for special section in *Environment and Development Economics*.11:9-13 (2006)

“Individual and Collective Rationality in Pastoral Production: Evidence from Northern Kenya.” *Human Ecology*. 33(2):171-197 (2005)

“Linkages Between Community, Environmental, and Conflict Management: Experiences from Northern Kenya.” *World Development*. With Guyo Haro and Godana Doyo. 33(2): 285-299 (2005)

“Institutional Arrangements for Rural Poverty Reduction and Resource Conservation.” *World Development*. Introduction for a special issue with Christopher B. Barrett and David R. Lee. 33(2): 193-197 (2005)

“Contrasting Income Shocks with Asset Shocks: Livestock Sales in Northern Kenya.” *Oxford Economic Papers*. 56: 263-284. (2004)

“Analyzing and Addressing Localized Degradation in the Commons.” *Land Economics* 78(4): 515-536 (2003)

“Assessing the Value of Climate Forecast Information for Pastoralists: Evidence from Southern Ethiopia and Northern Kenya” with Winnie Luseno, Christopher B. Barrett, Peter Little and Getachew Gebru. *World Development*. 31(9):1477-1494. (2003)

“Differential Risk Exposure and Stochastic Poverty Traps Among East African Pastoralists,” with Christopher B. *American Journal of Agricultural Economics*. 83(3):674-679. (2001)

“Diversity in Income Generating Activities for Sedentary Pastoral Women in Northern Kenya,” with Immaculate Nduma and Patti Kristjanson. *Human Organization*. 60(4): 319-325 (2001)

In Review

“Policy Interventions to Attract Graduating Health Science College Students to Remote and Rural Districts of Southwestern Ethiopia: Discrete Choice Experiment. *PLOS One*. With Abdela Alite Hilo. (2023)

In Preparation

“The Effect of Timing Livestock Shocks and its Implications for Index Insurance Asset Protection Contracts for Pastoral Livestock Production in Northern Kenya”. With Mumina Shibia (2021)

“Livestock Market Price Determinants: a comparative analysis” With Jay Angerer (2023)

Books

Risk and Social Change in an African Rural Economy: Livelihoods in Pastoralist Communities With Peter Little and Cheryl Doss. Routledge Press: New York. (2012) Paperback edition (2016)

Livestock Marketing in Eastern Africa: Research and Policy Challenges. Co-edited volume with Peter Little. ITDG Publishing, London.(2006)

Reports

“Market Analysis for Pastoralists (MAP) Final Technical Report”, The Bill and Melinda Gates Foundation. With Mullaly, C., Adegbola, A., Jaquez,C. (2023)

“Domestic or Imported? An Analysis of Rice Demand in Senegal” With Ndèye Fatou Faye, Mouhamed Rassoul Sy, Amy Faye, and Sungmin Lee Feed the Future Innovation lab for Food Security Policy, Research, Capacity, and Influence. Research Paper #8. Michigan State University (2022)

“Resilience and Its Correlates.” With Jennifer Abdella. Decentralized Climate Funds project of the Near East Foundation, Syracuse, NY. Working Paper. (2018)

“The Role of Pastoralists’ Tradition / Cultural Institutions in Climate Change Resilience in West Africa.” Report for the International Food Policy Research Institute. Washington DC. (2017)

“The Role of Pastoralists’ Tradition / Cultural Institutions in Climate Change Resilience” Report for the International Food Policy Research Institute, Washington DC. (2017)

“Report of a Consultancy for Livestock Systems and Environment Program. Accelerated Value Chain Development (AVCD) - Livestock Component Project. Activity code IS03_NBO_USA081_USA081L” Report for International Livestock Research Institute. (2016)

“Land Use at the Margins of Intensive and Extensive Land Use: Baseline Survey Results from Southern Ethiopia” with Peter Little and Heather Huntington. Prepared for a World Bank Conference on Land and Poverty. (March 2015).

“Section 3: Social and Political Impacts of Increased Market Involvement.” By John McPeak and Peter Little of the Background Paper “Human, Social, Political Dimensions of Resilience” for the FAO, IFPRI to inform the flagship report on “*Economics of Resilience in the Drylands of Sub-Saharan Africa*.: Edited by Carol Kerven and Roy Behnke, contributions by Roy Behnke, Roger Blench, Hamath Amadou Dia, Katherine Homewood, Alexandre Ickowicz, Carol Kerven, Peter Little, John McPeak, Mark Moritz, Michael Mortimore, John Morton, Ibra Touré, Abdrahmane Wane.(peer reviewed) (2014)

“Resilience and Pastoralism in Africa South of the Sahara, with a Particular Focus on the Horn of Africa and the Sahel, West Africa.” With Peter Little. Background Paper for the IFPRI 2020 Conference and forthcoming

publication *Building Resilience for Food and Nutrition Security*, Addis Ababa, May 2014. Accepted and under publication. IFPRI, Washington DC. (peer reviewed) (2014)

“Market Access and Trade Issues Affecting the Drylands in the Horn of Africa. Brief Prepared by a Technical Consortium hosted by the CGIAR in partnership with the FAO Investment Center”, with Yacob Aklilu, Peter Little and Hussein Mahmoud. FAO – CGIAR, Nairobi. (peer reviewed) (2013)

Retrospective Assessment of Pastoral Policies in Ethiopia, 1991-2008, With Peter Little, Roy Behnke, and Getachew Gebru., Pastoral Economic Growth and Development Policy Assessment, Ethiopia, 30 pages. Commissioned by DfID at the request of the Government of Ethiopia. (2010)

“Future Scenarios for Pastoral Development in Ethiopia, 2010-2025”, With Peter Little, Roy Behnke, and Getachew Gebru., Pastoral Economic Growth and Development Policy Assessment, Ethiopia, 57 pages. Commissioned by DfID at the request of the Government of Ethiopia (2010)

“Policy Options for Pastoral Development in Ethiopia.” With Peter Little, Roy Behnke, and Getachew Gebru., Pastoral Economic Growth and Development Policy Assessment, Ethiopia, 14 pages. Commissioned by DfID at the request of the Government of Ethiopia (2010)

“Policy Options for Pastoral Development in Ethiopia and Reaction from the Region.” With Peter Little, Getachew Gebru and Solomon Desta, Pastoral Economic Growth and Development Policy Assessment, Ethiopia, 26 pages. Commissioned by DfID at the request of the Government of Ethiopia (2010)

“Pastoralism and Poverty Reduction in East Africa: A Policy Research Conference.” Policy Briefs. June 2006 Safari Park Hotel, Nairobi. Conference organized and report edited by Patti Kristjanson, Peter Little, Christopher B. Barrett, and John McPeak. 76 pages (2006)

“Final report of a consultancy on Livestock Marketing in Mali, Kenya and Botswana. Undertaken for the Indigenous Vegetation Project (IVP).” John McPeak with the assistance of National consultants: in Mali, Djibril Traore; in Kenya, James Njanja and Raymond Obunga; and in Botswana, Robbie Kenneth. 84 pages. (2005).

Annotated Bibliography (peer reviewed)

“Trade.” In *Oxford Bibliographies in African Studies*. Ed. Thomas Spear. New York: Oxford University Press, (2012).

Chapters

“The Role of Pastoralists’ Tradition / Cultural Institutions in Climate Change Resilience in West Africa” in Proceedings of 2017 International Conference on Public Administration and International Symposium on West African Studies. USTEC, Chengdu. (2017) p. 805-818.

“Remittances and Fragile States: What Do We Know?” in *Transnational Transfers and Global Development*. Stuart S. Brown (ed.). Palgrave Macmillan, New York. (2012). P. 56-75.

“Insuring Against Drought-Related Livestock Mortality: Piloting Index-Based Livestock Insurance in Northern Kenya.” With Andrew Mude, Sommarat Chantarat, Christopher B. Barrett, Michael Carter, and Munenobu Ikegami. In *Towards Priority Actions for Market Development for African Farmers: Proceedings of an International Conference 13-15 May 2009, Nairobi Kenya*. ILRI. (2011) p. 175-188.

“The Environment and Development.” *International Handbook of Development Economics*. Amitava Krishna Dutt and Jamie Ros (eds.) Edward Elgar. (2008) p. 404-416.

“Linkages Between Community, Environmental, and Conflict Management: Experiences from Northern Kenya.” in *Decentralization and the Social Economics of Development*. C.B. Barrett, A. Mude, and J. Omiti (eds.). CABI. (2007) reprint of Haro et al. from *World Development*

“Simulation Noise and the Estimation of Land Use Decisions in Kenya.” in *Applications of Simulation Methods in Environmental and Resource Economics* Anna Alberini and Riccardo Scarpa (eds.). Kluwer Academic Publishers. p. 355-371. (2006)

“Poverty Traps and Safety Nets.” with Christopher B. Barrett, in *Poverty, Inequality and Development: Essays in Honor of Erik Thorbecke*. Alain de Janvry and Ravi Kanbur (eds.). Springer. p. 131-154 (2006)

“Introduction.” With Peter D. Little in *Livestock Marketing in Eastern Africa: Research and Policy Challenges*. John G. McPeak and Peter D. Little. Editors. ITDG Publishing. p. 1-13 (2006)

“Livestock Marketing in Marsabit District, Kenya, over the past fifty years.” in *Livestock Marketing in Eastern Africa: Research and Policy Challenges*. John G. McPeak and Peter D. Little. Editors. ITDG Publishing. p.39-71 (2006)

“Livestock Market Organization and Price Distributions in Northern Kenya.” With Alan M. Green, Christopher B.

Barrett, and Winnie K. Luseno. in *Livestock Marketing in Eastern Africa: Research and Policy Challenges*. John G. McPeak and Peter D. Little. Editors. ITDG Publishing. p. 73-88 (2006)

"Policy Implications and Future Research Directions." With Peter D. Little and Montague W. Demment in *Livestock Marketing in Eastern Africa: Research and Policy Challenges*. John G. McPeak and Peter D. Little. Editors. ITDG Publishing. p. 247-255 (2006)

"Cursed If You Do, Cursed If You Don't: the contradictory processes of pastoral sedentarization in Northern Kenya." in *As Pastoralists Settle: Social, Economic, and Health Consequences of Pastoral Sedentarization in Northern Kenya*, Eric Roth and Elliot Fratkin (eds.). Kluwer Academic Publishers, New York. p. 87-104. (2005)

Book Reviews

Ecology of African Pastoralist Societies for Human Ecology. 38(4):583-4 (2010)

Impact of Science on African Agriculture and Food Security for the *American Journal of Agricultural Economics* 91(4): 1159-60. (2009)

Research Briefs, and Policy Briefs

"Domestic or Imported? An Analysis of Rice Demand in Senegal" With Ndèye Fatou Faye, Mouhamed Rassoul Sy, Amy Faye, and Sungmin Lee. Feed the Future Innovation lab for Food Security Policy, Research, Capacity, and Influence. Research Brief #4. Michigan State University. (2022)

"Resilience and Pastoralism in sub-Saharan Africa, with a Particular Focus on the Horn of Africa and the Sahel, West Africa." With Peter Little. Background Paper for the IFPRI 2020 Conference

"Building Resilience for Food and Nutrition Security", Addis Ababa, May 2014. IFPRI, Washington DC. (2014)

"Mapping Transhumance Corridors in West Africa" With Matthew Turner. GSFA / RIVERS and MLPI 2 projects of the Adapting Livestock Systems to Climate Change Collaborative Research Support Project. RB-03 2012. (2012)

"Mali Livestock & Pastoralist Initiative (MLPI-2) Building on Success, Looking to the Future" « Initiative d'aide aux pasteurs et à l'élevage au Mali (MLPI-2) Bâtir sur les succès, regarder vers l'avenir ». With Sarah Lupis and Jay Angerer. Adapting Livestock Systems to Climate Change Collaborative Research Support Project. PB-06 2011. (2011)

"Risk Ranking in Northern Mali" With Matthew Turner. MLPI research brief, RB 10-01-MLPI (2010)

"Role of Farmer Organizations in the Strategy for Improving the Quality of Life for Livestock Producers in Northern Mali" With Alpha Kergna, Aly Kouriba, Amadou Kodio, Bino Teme, and Lassine Diarra. MLPI research brief, RB 10-02-MLPI (2010)

Animal Fattening in Mali. With Sana Kassogue and Boubacar Dembele. MLPI Research brief, RB 10-04-MLPI (2010).

Management and Use of Bourgou (*Echinochloa stagnina*) With Lassine Diarra, Aly Kouriba, Amadou Kodio, Bino Teme, and Alpha Kerna. RB 10-05-MLPI (2010)

Documenting Causes of Livestock Mortality Among Pastoralists in Ethiopia and Kenya GL CRSP research brief. GLCRSP brief09-01 (2009)

In What Ways are People in Pastoral Areas Integrated into the Cash Economy? GL CRSP research brief. GLCRSPbrief09-02 (2009)

Altering Poverty Dynamics with Index Insurance: Northern Kenya's HSNP+. With Michael Carter, Christopher Barrett, Andrew Mude, and Sommarat Chantararat. AMA CRSP research brief. Amabrief08- 08 (2008)

Insuring the Never before Insured: Explaining Index Insurance through Financial Education Games." AMA CRSP research Brief. (multiple co-authors) amabrief08-07 (2008)

"Changing Livelihoods, Risky Environments: Social and Economic Change among Pastoralists in East Africa." With Peter Little, Cheryl Doss and Christopher Barrett. Global Livestock CRSP Research Brief. 08-01-LITEK (2008)

"How Are They Surviving Out There? An Analysis of Total Income in the PARIMA Study Sites." Global Livestock CRSP Research Brief. 08-02-LITEK (2008)

"Do Pastoral Husbands and Wives in Northern Kenya View Milk Markets Differently?" With Cheryl Doss. *Global Livestock CRSP Research Brief 06-02 PARIMA* (2006)

"Empirical Forecasting of Slow-Onset Disasters for Improved Emergency Response: An application to Kenya's Arid Lands" With Andrew Mude, Christopher Barrett, Patti Kristjanson, and Robert Kaitho *Global Livestock CRSP*

Research Brief 06-07 PARIMA (2006)

"Variation in Risk Perceptions across Individuals, Time, and Space: Evidence from Pastoral East Africa." With Christopher B. Barrett and Cheryl Doss. *Global Livestock CRSP Research Brief 06-08 PARIMA* (2006)

"Development Priorities in the Rangelands of Northern Kenya and Southern Ethiopia: Results of a Ranking Exercise Among Pastoralists." With Cheryl Doss and Christopher Barrett. *Global Livestock CRSP Research Brief 06-09 PARIMA* (2006)

"Linkages Between Community, Environmental, and Conflict Management: Experiences from Northern Kenya." With Guyo Haro and Godana Doyo. *Global Livestock CRSP Research Brief 05-01 PARIMA*. (2005).

"Do Livestock Transfers Among Gabra Herders Insure against Herd Loss?" *Global Livestock CRSP Research Brief 05-09 PARIMA*. (2005).

"Herd Accumulation: A Pastoral Strategy to Reduce Risk Exposure." With Getachew Gebru. *Global Livestock CRSP Research Brief 04-05 PARIMA*. (2004).

"Constraints Limiting Marketed Livestock Offtake Rates Among Pastoralists." With Christopher B. Barrett, Peter D. Little, and Sharon Osterloh. *Global Livestock CRSP Research Brief 04-06 PARIMA*. (2004).

Livestock Marketing in Kenya and Ethiopia: Proceedings of a workshop held in Nairobi Kenya August 11-13. Edited by John McPeak. Mimeo, Syracuse University. (2003).

"Fuelwood Gathering and Use in Northern Kenya: Implications for Food Aid and Local Environments." *Global Livestock CRSP Research Brief 03-01-PARIMA*. (2003).

"Pastoral Sedentarization and Community Resilience in Response to Drought: Perspectives from Northern Kenya." With Peter Little. *Global Livestock CRSP Research Brief 03-02-PARIMA*. (2003).

"Poverty Traps and Resource Degradation." With Christopher B. Barrett, Larry Blume, Bart Minten, Festus Murithi, Bernard Okumu, Alice Pell, Frank Place, Jean Claude Randrianarisoa and Jhon Rasambainarivo. *BASIS-CRSP Brief #6*. (2002).

Assessing the Value of Climate Forecast Information for Pastoralists: Evidence from Southern Ethiopia and Northern Kenya. The International Research Institute for Climate Prediction, Columbia Earth Institute. Technical Report 02-03. (2002).

"Pastoralists' Use of Markets." *Global Livestock CRSP Research Brief 01-05-PARIMA*. (2001).

Pre-Ph.D.

Pastoral Decision-Making: an Empirical Investigation of Rangeland Use," in *Proceedings of the 6th Biennial KARI Scientific Conference*. Kenya Agricultural Research Institute, Nairobi, Kenya. (1999)

"Empirical Analysis of Pastoral Migration Decisions: Gabra Herders in Northern Kenya" *American Journal of Agricultural Economics*. 80(5):1178. Abstract. (1998)

Impact Assessment Team Report, Animal Productivity and Export Project, with Karin Engstrom and Peter Wyeth. USAID project # 688-0244, Bamako, Mali. (1996)

Rice Extension Activities, Kolda Region. Peace Corps Senegal and Winrock International, Dakar, Senegal. (1991)

A Study of Rice Cultivation Practices in the Arrondissement of Dioulakolon, Department of Kolda, Region of Kolda, for the Rainy Season of 1990, with Julia Gamble. Peace Corps Senegal, Dakar, Senegal. (1990)

Reviewer for:

Addison Wesley, African Studies Review, Agricultural Economics, Agriculture and Human Values, Agricultural Systems, American Journal of Agricultural Economics (associate editor), Canadian Journal of Agricultural Economics, Economic Inquiry, Economic Systems, Environmental and Resource Economics, Food and Foodways, Food Policy, The Geographical Journal, Human Ecology, Human Ecology Review, Human Organization, The International Food Policy Research Institute , Journal of African Economies, Journal of Arid Environments, Journal of Development Economics, Journal of Development Studies, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Institutional and Theoretical Economics, Land Economics, Land Use Policy, Natural Resources Forum, Nomadic Peoples, Pastoralism, Review of Agricultural Economics, Water Resources Research, , Wiley-Blackwell, World Development

Research Projects:

Market Access for Pastoralists. University of Florida / Bill and Melinda Gates Foundation. \$65,791. 2021-present
 Secondary Analysis of De-Identified Data for the Military HIV Research Program (MHRP) Protocols RV217, RV393,

RV432, RV 476. SUNY-Upstate. 2019-present.
Identifying Pre-Exposure Prophylaxis Barriers with Discrete Choice Experiments, Center for AIDS Research, University of Rochester. Team member. \$90,315. 2018-2020.
Decentralized Climate Funds for the DFID funded Building Resilience and Adaptation to Climate and Extreme Disaster. Near East Foundation. (2016-2018) \$69,103. Extension (BRACED-X), 2018-2019. \$33,633.
Adapting Livestock Systems to Climate Change CRSP – La Gestion des Systèmes Fluviaux pour l’Avenir. (Senegal and Mali) PI (2011-2015) \$794,516
Adapting Livestock Systems to Climate Change CRSP – La Gestion des Systèmes Fluviaux pour l’Avenir. (Senegal and Mali) Seed Grant. PI (2010-2011) \$79,980
Adapting Livestock Systems to Climate Change CRSP – Mali Livestock and Pastoralist Initiative Phase 2. (Mali) co-PI (2010-2013) \$650,068
AMA CRSP – Hunger Safety Net – Index Based Livestock Insurance (Kenya) – PI / team member (2008-2013) \$331,498
Global Livestock Collaborative Research Support Program – Mali Livestock and Pastoralist Initiative - co-PI (2008-2010) \$434,029
Global Livestock Collaborative Research Support Program – Livestock Marketing in Kenya and Ethiopia - PI (2005-2007) \$347,981
International Livestock Research Institute – Improving the Effectiveness of Action to Reduce Poverty and Vulnerability of Pastoralists (East Africa)– co PI. (2005-2006) \$26,292
AMAREW mentor in Ethiopia (2004-2007)
BASIS-CRSP team member Kenya (2000-2006)
Global Livestock Collaborative Research Support Program – Pastoral Risk Management Project (Kenya and Ethiopia) – Postdoctoral research associate and then co-PI (1999-2006) \$78,244

Conferences Organized:

“Mandela Washington Fellowship for Young African Leaders” Funding by the Department of State and administrated by IREX. A six-week program at the Maxwell School, Syracuse University Summer 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024. Reciprocal Exchange, Kampala, Uganda, 2024.
“Pastoralism and Poverty Reduction in East Africa: A Policy Research Conference” Nairobi, Kenya, June 27-28, 2006. Co-organizer
“Livestock Marketing in Kenya and Ethiopia”, Nairobi, Kenya August 11-13, 2003
“Reconciling Rural Poverty Reduction and Resource Conservation: Identifying Relationships and Remedies.” Cornell University, May 1-3, 2003. Co-organizer

Teaching Award:

International Relations Program Teaching Excellence Award, Syracuse University, 2009

Graduate Committees:

Ph.D.

Abdela Hilo- Public Administration (current), Hannah Patnaik-Public Administration (2020), Charlie Tuthill-Political Science (chair of examination 2020), Raghav Puri-Public Administration (2020), Mumina Shibia-Agricultural Economics (Texas Tech – 2019), Kevin Krupski – Public Administration (2017), Natasha Koshy – Social Science (2017), Harish Jagannath – Public Administration (2016), Nidhi Vij – Public Adminstration (2016), Todd Metcalfe – Social Science (2015), Megan McSherry – Biology (2015), Jung Eun Kim – Public Administration (2014), David Berlan – Public Administration (2013), Sanglim Yoo – ESF (2012), Fred Owusu-Ansah – ESF (2010), Mengistu Debela – Anthropology (2009), Ana Menezes – ESF (2008), Tilla McAntony (chair of examination)– Social Science (2007), Vikas Choudhary–Anthropology (2007), Laura Schmitt – ESF (2006), Ana Dammert (chair of examination) – Economics (2006) Frederic Lampe (chair of examination) - Anthropology (2006) Cong Pham (chair of examination) – Economics (2005), Paul Edelman – Political Science (2004)

Masters.

Laura Coberly – ESF (2014), Hlonophile Simelane - PA (2007), Ana Menezes - PA (2006), Derek Simmonds – ESF (2005), Brad Parrish – ESF (2003)

IR Papers.

Kenichi Yamada (2007) Kang Pil-ho (2007) Jisun Kim (2007) Stephen Brown (2007) Jason Liou (2007) Rachel Roberts (2006) Banita Sarwar (2006), Elizabeth Gozzer-Vera (2006) Ababacar Gueye (2006) Michelle Koscielski (2005) Jonathan Kindron (2005) Laura McKechnie (2005), Dan Olsen (2005) Thibaut Muzart (2005) Ryo Nakamura (2004)

Capstones Supervised:

“Curriculum Overview: Toward Inclusive, Resilient, and Future-Oriented Entrepreneurship” Client: NEF. 4 students. 2025

“RISE Financial Sustainability & Fundraising Strategy” Client: RISE. 4 students. 2025

“Political Economy Analysis Tool” Client: NEF. 4 students. 2024

“Risk Analysis and Proposed Program Framework for the Implementation of Agricultural Microinsurance in Northwestern and Northeastern Syria”. Client: NEF. 4 students. 2023

“RISE Goat Farm Project Summative Evaluation”. Client: RISE. 4 students. 2023

“Supporting Refined Democracy, Human Rights, and Governance (DRG) Indicators and measurement. Client: USAID. 5 students. 2022.

“Climate Innovation Incubator, Morocco” Client: NEF. 5 students. 2022.

“Infrastructure, Marketing, Transport, and Revenue Briefs” Client: RISE 5 students. 2022

“Community Resource Mapping” Client: RISE. 4 students. 2021

“RISE 5-Year Strategic Plan (2022-2027)”. Client: RISE. 5 students. 2021

“Social Movements, and the Opportunity to Increase Youth Participation in Civil Society.” Client: USAID. 5 students. 2021

“NGO Program Strategy for Climate-Resilient Development in the Middle East and Africa.” Client: Near East Foundation. 5 students. 2021

“Siraj Center Model: Strategic Plan for Scaling, Expansion, and Sustainability.” Client: Near East Foundation. 2020. 5 students.

“Siraj Centers as an Integrative Platform in Syria, Iraq, and Yemen.” Client: Near East Foundation. 2019. 4 students.

“Supplier Sustainability Initiative”. Client: UNOPS. 2018. 5 students.

“International Development NGO Organizational Review” Client: Near East Foundation. 2017. 5 students.

“Girls in Rural Economies” Client: Chicago Council on Global Affairs. 2017. 4 students.

“Senegal River Valley: Urban electricity, Local Conventions, and Development” IR capstone seminar, 2012, 2013, 2015, 2016, 2017

“Somali Bantu Community Association Management Program” Client: The SBCA. 2014. 4 students.

“Developing an Organization-Wide Monitoring and Evaluation (M&E) system for the Near East Foundation”. Client: The Near East Foundation. 2010. 7 students.

“CSO Framework Evaluation.” Client: USAID. 2010. 7 students.

“Improvement of Democratic Systems of Local Governance in Afghanistan and Pakistan.” Client: USAID. 2009. 7 students.

“Women and Girls in Development.” Client: Gates foundation. 2009. 7 students.

“ICRP Analysis and Re-bid Strategy.” Client: AED. 2009. 7 students.

“Electoral Legal Reform Assistance: What can USAID do better?” Client: USAID. 2008, 5 students.

“Gender and Agriculture in Africa.” Client: Gates foundation. 2008. 7 students.

“E-learning for NGO leaders” Client: AED. 2008. 6 students.

“Harvesting the Future: The Case for Tertiary Education in Sub-Saharan Africa.” Client: BIFAD. 2007, 8 students.

“Civil Society and Fragile States: Approaches and Challenges.” Client: USAID. 2007. 8 students.

“Perspectives on Post-Conflict Reconstruction.” Client: USAID. 2006. 5 students.

“Gender and Corruption in the Education Sector.” Client: USAID. 2006. 4 students.

“Nation Building in Post-Conflict States: An Analysis Drawn from Experiences in Cambodia, Mozambique, East Timor, and Sierra Leone.” Client: USAID. 2005. 4 students.

Presentations:

Pastoral Systems in Africa: Underlying Logics and Adaptations. SUNY ESF Engineers for a Sustainable Society, April 2025

Forage Convening, Bill and Melinda Gates Foundation, University of Florida, IFPRI, Washington, DC, November 2023

Institute for African Development, Cornell, October 2023

Agricultural Innovation, Cornell and Syracuse YALI fellows, Cornell, July 2023

Market Analysis for Pastoralists, Bill and Melinda Gates Foundation, Nairobi January 2023

Climate Change, Insurance, and Conflict. Online Workshop. January 8, 2021.

Food Policy Symposium, Maxwell School, September 2019

Livestock Innovation Lab-USAID, Washington DC, June 2019

West African Study Center, Accra and Cape Coast Ghana, November 2017

USAID, Washington DC, March 2015

Washington State University, March 2014

Society for Range Management Annual Meeting, Orlando, February 2014

TIRI scholars workshop, Thies, Senegal, January 2014

Feed the Future Collaborative Research Innovation Lab Partners Workshop, Accra Ghana, June 2013

Maxwell / CIPA Policy Conference Making Markets Work for the Poor, Cornell University, April 2013

Regional Innovation Center Workshop, Dakar Senegal, August 2012

Guest Lecturer, Post Conflict Reconstruction, Maxwell School, Syracuse University September 2012

Institute for African Development Series, Cornell University, September 2012

Special Seminar: Enhancing Livestock Resilience and Pastoral Livelihoods, USAID / CNFA Washington DC. May 2012

Invited Participant, USAID Resilience Strategy for the Horn of Africa Workshop, Washington DC, December 2011

Syracuse University International Relations Brownbag Seminar, October 2011

University of Illinois International Development Seminar, October 2011

I4, CCAFS Workshop on Index Insurance, IFPRI, Washington DC, October 2011

Technical Workshop: Challenges in Collecting Household-Level Livestock Data in Africa IFAD, Rome, July 2011

ALS CC CRSP Team Meeting, Golden CO, March 2011

Policy Options for Pastoral Development in Ethiopia, Addis Ababa, Jijiga, Adama, Awash, January, August 2011

American Agricultural Economics Association, Milwaukee, WI, July 2009

ILRI Index Based Livestock Insurance Workshop, Nairobi, March 2009

SUNY-ESF, Keynote Speaker, March 2009

Maxwell Africa Caucus, Syracuse University, March 2009

Institute for African Development, Cornell University, October 2008

Development and Social Transformation Forum, Syracuse University, November 2006

Department of Agricultural and Resource Economics, University of California – Davis, May 2006, Institute for African Development, Cornell University, May 2006

Global Livestock Collaborative Research Support Program, Dublin, Ireland, July 2005, Ethiopian Agricultural Research Organization, Debre Berhan Station, Ethiopia, July 2005

Global Livestock Collaborative Research Support Program, Napa Valley, January 2005,

UNDP/ GEF Indigenous Vegetation Project, Mali, Kenya, Botswana, December 2004 – January 2005

Department of Veterinary Medicine, Cornell University, February 2004

Department of Geography, University of Wisconsin-Madison, October 2003

Department of Agricultural & Applied Economics, University of Wisconsin – Madison, October 2003

Livestock Marketing in Eastern Africa Workshop, Nairobi Kenya, August 2003

Reconciling Rural Poverty Reduction and Resource Conservation, Cornell University, May 2003

Global Affairs Institute, Syracuse University, April 2003

Department of Applied Economics and Management, Cornell University, January 2003

African Studies Association Meetings, Washington DC, December 2002

Global Livestock Collaborative Research Support Program, Washington DC, October 2002,

Politics and the Life Sciences Conference, Montreal, August 2002

Department of Applied Economics and Management, Cornell University, March 2002,

Center for the Study of African Economies, Oxford, March 2002

Environment Department, University of York, March 2002

Allied Social Science Meetings, New Orleans, January 2001

Kenya Agricultural Research Institute, Nairobi, Kenya, November 1998

American Agricultural Economics Association, Salt Lake City, UT, August 1998

Consulting:

International Food Policy Research Institute, 2013, 2016, 2017

International Livestock Research Institute 2006, 2016, 2019

Institute of Development Studies, 2015

Cloudburst Consulting Group 2014-2017

Odessa Center / FAO 2013-4

CGIAR FAO Investment Centre 2012

CNFA 2012

ACDI VOCA 2012

UK-Aid / DFID, 2009-10

UNDP / GEF-IVP 2004-5

Languages:

Currently: French, Kiswahili,

At some point: Diola, Boran / Gabra