

EDWARD R. CARR

ADDRESS

Office

International Development, Community, and Environment Department
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EDUCATION

Ph.D., Department of Geography, University of Kentucky, December 2002.

Ph.D., Department of Anthropology, Syracuse University, August 2001

Master of Arts, Department of Anthropology, Syracuse University, August 1998

Bachelor of Arts with High Distinction, University of Virginia, May 1995

PROFESSIONAL POSITIONS AND AFFILIATIONS

2015-present Professor and Director of the International Development, Community, and Environment Department, Clark University, Worcester, MA

2015-present Director, Humanitarian Response and Development Lab (HURDL), George Perkins Marsh Institute, Clark University, Worcester, MA

2016-present Adjunct Professor of Geography, Graduate School of Geography, Clark University, Worcester, MA

2009-2015 Associate Professor, Department of Geography, University of South Carolina, Columbia.

2014-2015 Associate Director, Walker Institute for International and Area Studies, University of South Carolina, Columbia.

2012-2015 Director, Humanitarian Response and Development Lab (HURDL), Department of Geography, University of South Carolina, Columbia.

2012-2013 Participatory Adaptation Consultant, The World Bank (IBRD), Pilot Projects for Climate Resilience (PPCR) program in Zambia.

2011-2012 AAAS Fellow serving as Climate Change Science Advisor, Bureau for Economic Growth, Education and the Environment (E3), Office of Global Climate Change, United States Agency for International Development, Washington, DC

- 2010-2011** AAAS Fellow serving as Climate Change Coordinator, Bureau for Democracy, Conflict and Humanitarian Assistance, Office of Program, Policy and Management, United States Agency for International Development, Washington, DC.
- 2007-2010** Director, Development Studies Working Group, Walker Institute of International and Area Studies, University of South Carolina, Columbia.
- 2003-2009** Assistant Professor, Department of Geography, University of South Carolina, Columbia.
- 2002-2003** Visiting Assistant Professor, Department of Social Sciences and Humanities, St. Louis University, Madrid
- 2000-2001** Graduate Instructor, Department of Geography, University of Kentucky, Lexington.
- Fall 1999** Part-Time Adjunct Faculty, Lexington Community College, Division of Social Sciences and Graphics Technology, Lexington.
- 1998-1999** Graduate Instructor, Department of Geography, University of Kentucky, Lexington.

OTHER POSITIONS

- 2013-2015** Lead Author, USDA Technical Report “Global Climate Change, Food Security, and the U.S. Food System”.
- 2010-2014** Review Editor, Chapter 9, *Rural Areas*, Working Group II of the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report (AR5).
- 2005-2007** Lead Author, 4th *Global Environment Outlook* (GEO-4), United Nations Environment Programme (Chapter 8: Interlinkages: Governance for Sustainability).
- 2003-2005** Lead Author and Fellow, *Millennium Ecosystem Assessment*, Scenarios Working Group

MONOGRAPH

- 2011** Carr, Edward R. *Delivering Development: Globalization's Shoreline and the Road to a Sustainable Future*. New York: Palgrave Macmillan

EDITED WORKS

- 2014** Carr, Edward R. and David Simon, (eds). *Development Geography: Can critical perspectives exist in policy and implementation?* Edited symposium for *Third World Quarterly*, 35 (3): 505-527
- 2010** Carr, Edward R. and Patrick T. Hurley (eds.). *Political Ecology in the US South*. Edited Forum for the *Southeastern Geographer* 50 (1).

REFEREED PUBLICATIONS (Sole Author unless otherwise indicated)

- 2018** Carr, Edward R. and Sheila N. Onzere “Really Effective (for 15% of the men): Lessons in Understanding and Addressing User Needs in Climate Services from Mali.” *Climate Risk Management*, <http://dx.doi.org/10.1016/j.crm.2017.03.002>
- 2017** Abrahams, Daniel and Edward R. Carr “Understanding the Connections Between Climate Change and Conflict: Contributions from Geography and Political Ecology.” *Current Climate Change Reports* 3(4): 233-242.
- 2017** Downs, Timothy J., Edward R Carr and Rob Goble “Re-imagining Environmental Science and Policy Graduate Education for the 21st Century using an Integrative Frame” *Journal of Environmental Studies and Sciences* 7(2) 177-188.
- 2016** Thompson-Hall, Mary C., Edward R. Carr, and Unai Pascual. “Enhancing and expanding intersectional research for climate change adaptation in agrarian settings.” *Ambio*, 45 (Suppl. 3): S373–S382
- 2016** Carr, Edward R., Grant Fleming, and Tshibangu Kalala. “Understanding women's needs for weather and climate information in agrarian settings: The case of Ngetou Maleck, Senegal” *Weather, Climate, and Society* 8(3) 247-264.
- 2016** Carr, Edward R. and Kwame N. Owusu-Daaku. “The shifting epistemologies of vulnerability in climate services for development: the case of Mali’s Agrometeorological Advisory Program” *Area*, 48 (1) 7-17.
- 2015** Fisher, Monica and Edward R. Carr. “The influence of gendered roles and responsibilities on the adoption of technologies that mitigate drought risk: The case of drought-tolerant maize seed in eastern Uganda” *Global Environmental Change*. 35 82-92.
- 2015** Brown, M.E., J.M. Antle, P. Backlund, E.R. Carr, W.E. Easterling, M.K. Walsh, C. Ammann, W. Attavanich, C.B. Barrett, M.F. Bellemare, V. Dancheck, C. Funk, K. Grace, J.S.I. Ingram, H. Jiang, H. Maletta, T. Mata, A. Murray, M. Ngugi, D. Ojima, B. O’Neill, and C. Tebaldi. 2015. *Climate Change, Global Food Security, and the U.S. Food System*. Washington, DC: United States Department of Agriculture. 146 pages.
- 2015** Carr, Edward R., Daniel Abrahams, Arielle Tozier de la Poterie, Pablo Suarez, and Bettina Koelle. “Vulnerability Assessments, Identity, and Spatial Scale Challenges in Disaster Risk Reduction” *Jambá: Journal of Disaster Risk Studies*. 7 (1), 17 pages.
- 2015** Jones, K., Schnurr, M., Carr, E.R., and Moseley, W. “Fieldwork as commitment to research for agricultural development that is ‘outward and downward’: A collaborative essay.” *African Geographical Review* 34(1) 55-68.
- 2014** Carr, Edward R. “From Description to Explanation: Using the Livelihoods as Intimate Government (LIG) Approach.” *Applied Geography* 52 110-122.

- 2014** Carr, Edward R. and Mary C. Thompson “Gender and Climate Change Adaptation in Agrarian Settings: Current thinking, new directions, and research frontiers.” *Geography Compass* 8 (3) 182-197.
- 2013** Carr, Edward R. “Livelihoods as Intimate Government: Rethinking the Logic of Livelihoods for Development” *Third World Quarterly*, 34 (1) 77-108.
- 2012** Carr, Edward R. “Small Farmers, Big Impacts” in *Frontiers in Development*. Rajiv Shah and Steven Radelet, eds. Washington, DC: USAID. 92-97
- 2011** Thompson, Mary C., Manali Baruah and Edward R. Carr. “Seeing REDD+ as a Project of Environmental Governance” *Environmental Science & Policy* 14(2) 100-110.
- 2011** Andrews, Gavin J., Robin A Kearns, Paul T. Kingsbury and Edward R. Carr. “Cool Aid? Health, wellbeing and place in the work of Bono and U2” *Health and Place* 17(1): 185-194
- 2010** Fisher, Monica, Jeff Reimer and Edward R. Carr. “Who Should Be Interviewed in Surveys of Household Income?” *World Development* 38 (7) 966-973.
- 2010** Hurley, Patrick T. and Edward R. Carr. “Introduction: Why a political ecology of the US South?” *The Southeastern Geographer* 50 (1) 99-109.
- 2010** Carr, Edward R. “The Place of Stories in Development: Creating Spaces for Participation Through Narrative Analysis” *Development in Practice* 20 (2) 219-226.
- 2009** Carr, Edward R. and Brent McCusker. “The Co-Production of Land Use and Livelihoods Change: Implications for Development Interventions” *Geoforum* 40 (4) 568-579.
- 2009** Carr, Edward R. and Nathan P. Kettle. “Commentary: The Challenge of Quantifying Susceptibility to Drought-Related Crisis” *Regional Environmental Change*, 9 (2) 131-136.
- 2009** Carr, Edward R., Nathan P. Kettle, and Andrew Hoskins. “Evaluating Poverty-Environment Dynamics” *International Journal of Sustainable Development and World Ecology*, 16 (2) 87-93.
- 2008** Carr, Edward R. "Between Structure and Agency: Livelihoods and Adaptation in Ghana's Central Region" *Global Environmental Change* 18 (4) 689-699.
- 2008** Carr, Edward R. “Rethinking poverty alleviation: a 'poverties' approach” *Development in Practice* 18 (6) 726-734.
- 2008** Carr, Edward R. “The Millennium Village Project and African Development: Problems and Potentials” *Progress in Development Studies* 8 (4) 333-344.
- 2008** Carr, Edward R. “Men’s Crops and Women’s Crops: The Importance of Gender to the Understanding of Agricultural and Development Outcomes in Ghana’s Central Region” *World Development* 36 (5) 900-915.

- 2007** Carr, Edward R., Philip M. Wingard, Sara C. Yorty, Mary C. Thompson, Natalie K. Jensen, and Justin Roberson. "Applying DPSIR to Sustainable Development". *International Journal of Sustainable Development and World Ecology* 14 (6) 543-555.
- 2007** Gitay, Habiba, Bradnee Chambers, Ivar Baste, Edward R. Carr, Claudia ten Have, Anna Stabrawa, Nalini Sharma, Munyaradzi Chenje, Thierry De Oliveira, Clarice Wilson "Chapter 8: Interlinkages: Governance for Sustainability" in *Fourth Global Environment Outlook*. United Nations Environment Programme: Valletta, Malta. 361-394.
- 2006** McCusker, Brent and Edward R. Carr. "The co-Production of Livelihoods and Land Use Change: Case studies from South Africa and Ghana." *Geoforum* 37 (5):790-804
- 2006** Carr, Edward R. "Postmodern Conceptualizations, Modernist Applications: Rethinking the Role of Society in Food Security." *Food Policy* 31 (1):14-29.
- 2006** Cork, Steven, Garry Peterson, Gerhard Petschel-Held, Joe Alcamo, Jacqueline Alder, Elena Bennett, Edward R. Carr, Danielle Deane, Gerald Nelson, Teresa Ribeiro "Chapter 8: Four Scenarios" in *Ecosystems and Human Well-Being: Scenarios, Vol. 2*. Washington, DC: Island Press. (ISBN 1-55963-391-3). 223-294.
- 2005** Carr, Edward R. "Development and the Household: Missing the Point?" *Geojournal* 62 (1): 71-83.
- 2005** Dow, Kirsten, Edward R. Carr, Annelieka Douma, Gouyi Han, and Karl Hallding. *Linking Water Scarcity to Population Movements: From global models to local experiences*. SEI Poverty and Vulnerability Programme Report, Stockholm, Sweden. (ISBN: 91 975237 9 8)
- 2005** Carr, Edward R. "Placing the Environment in Migration: Environment, Economy and Power in Ghana's Central Region." *Environment and Planning A* 37 (5):925-946.
- 2002** Carr, Edward R. "Managing Uncertainty: Environmental and Economic Security in Coastal Ghana, 1970-2000." *Regional Development Dialogue* 34 (1):20-36.
- 2000** Carr, Edward R. "Meaning (and) Materiality: Rethinking Contextual Analysis Through Cellar-set Houses." *Historical Archaeology* 34 (4):32-45.

EDITOR-REVIEWED PUBLICATIONS (Sole Author unless otherwise indicated)

- 2017** Downs, Timothy J., Edward R. Carr, Robert Goble. "Addressing Risk Conundrums in Sustainable Development." Kasperson, R. ed. *Risk Conundrums*. Earthscan. pp. 207-223.
- 2017** Brown, Molly E., Edward R. Carr, Kathryn L. Grace, Keith Wiebe, Christopher C. Funk, Witsanu Attavanich, Peter Backlund, and Lawrence Buja. "Do Markets and Trade Help or Hurt the Global Food System Adapt to Climate Change?" *Food Policy* 68, pp. 154-159.
- 2016** Carr, Edward R. "Moving Beyond the Monolith." *Dialogues in Human Geography* 6 pp. 90-93.

- 2016** Jones, K., Schnurr, M., Carr, E.R., and Moseley, W. “Should I stay or should I go? Incorporating a commitment to fieldwork throughout an academic career.” In Moseley, W. G, Matthew A. Schnurr, Rachel Bezner-Kerr, eds *Africa’s Green Revolution: Critical Perspectives on New Agricultural Technologies and Systems*. Routledge. (reprint of Jones, K., Schnurr, M., Carr, E.R., and Moseley, W. 2015 “Fieldwork as commitment to research for agricultural development that is ‘outward and downward’: A collaborative essay”).
- 2016** Carr, Edward R. and Michael H. Finewood. “Sustainable Development” in Tobias Lanz, ed. *Global Environmental Problems: Causes, Consequences, and Potential Solutions*. Cognella Press. pp. 215
- 2015** Carr, Edward R. “Political Ecology and Livelihoods” in *Handbook of Political Ecology*, Perreault, T., Bridge, G., and McCarthy, J., eds. Routledge. pp. 332-342
- 2014** Hall, Bruce S., Ami V. Shah, and Edward R. Carr. “Bono, Band-Aid, and Before: Celebrity Humanitarianism, Music and the Objects of its Action” in in Andrews G J, Kingsbury, P and Kearns R A. *Soundscapes of wellbeing in popular music*. Burlington, VT: Ashgate. pp. 269-288
- 2014** Carr, Edward R. “The Future is Already Being Fed” in *The Donors’ Dilemma: Emergence, Convergence and the Future of Foreign Aid*, Andy Sumner and Tom Kirk, eds. West Sussex, UK: Global Policy Journal.
- 2014** Simon, David and Edward R. Carr. “Introduction – Engaging critically from theory to policy and implementation” *Third World Quarterly*, 35 (3): 505-506
- 2014** Carr, Edward R. and David Simon. “Conclusions – Engaging Critical Perspectives in Development Policy and Implementation” *Third World Quarterly*, 35 (3): 524-527
- 2011** “If you are uncomfortable, you are probably doing it right.” Contribution to the symposium Geographers and/in Development, David Simon, ed. *Environment and Planning A* 43 (12) 2797-2800.
- 2008** Carr, Edward R. “Sustainable Development” For the *Encyclopedia of Environmental Ethics and Philosophy, Vol 2*, J. Baird Callicott and Robert Frodeman, eds. Macmillan Reference USA. 295-298.

OTHER SCHOLARLY CONTRIBUTIONS (Sole Author unless otherwise indicated)

- 2012** “Archaeology Challenges the History of Development and Poverty in Africa” Excerpt from *Delivering Development: Globalization’s Shoreline and the Road to a Sustainable Future* (New York: Palgrave Macmillan). Scientific American, June 29, 2012. Accessed at <http://www.scientificamerican.com/article.cfm?id=how-archaeology-challenges-history-of-development-poverty-in-africa>
- 2011** “Engaging the Other at Home.” Column for “Views on Policy,” *Anthropology News*. available online at <http://www.anthropology-news.org/index.php/2011/11/09/anthropology-and-development-policy/>

- 2007 Carr, Edward R. "Migration" In the *Encyclopedia of Environment and Society*, Paul Robbins, ed. Thousand Oaks, CA: Sage. 1143-1145.
- 2007 Carr, Edward R. "Sustainable Development" In the *Encyclopedia of Environment and Society*, Paul Robbins, ed. Thousand Oaks, CA: Sage. 1686-1689
- 2005 Carr, Edward R. "Commentary: Riddim Me This, Riddim Me That" *Southeastern Geographer* 45 (2) 120-123. (Invited commentary on Kingsbury and Klak's "Riddims of the Street, Beach and Bureaucracy: Situating Geographical Research in Jamaica")
- 2005 Carr, Edward R. "Environmental Security." In the *Routledge Encyclopedia of International Development*, Tim Forsyth, ed. London: Routledge. 213-214.
- 2005 Carr, Edward R. "Security." In the *Routledge Encyclopedia of International Development*, Tim Forsyth, ed. London: Routledge. 620-621.

REPORTS, WORKING PAPERS, AND POLICY DOCUMENTS

- 2017 Carr, Edward R., Rob Goble, Helen Rosko with Catherine Vaughan and James Hansen. "Identifying Climate Information Services Users and their Needs in sub-Saharan Africa: A Learning Agenda." White paper for the Climate Information Services Research Initiative (CISRI). Washington, DC: USAID
- 2017 Vaughan, Catherine, James Hansen, Philippe Roudier, Paul Watkiss, and Edward R. Carr. "Evaluating Weather and Climate Services in Africa." White paper for the Climate Information Services Research Initiative (CISRI). Washington, DC: USAID
- 2017 Onzere, Sheila N. and Edward R. Carr, with Tshibangu C. Kalala, Helen Rosko, and Janae Davis. A Behavioral Baseline Study to Establish Livelihoods Decision Making in Mali Livelihood Zone 09. IRD/BRACED. 35pp
- 2016 Carr, Edward R., with Sheila N. Onzere, Tshibangu Kalala, Helen Rosko, and Janae Davis. USAID/Mali Climate Change Adaptation Activity (MCCAA) Behavioral Baseline Survey Final Synthesis Report. Bamako: USAID/Mali. 49pp + appendix
- 2016 Anderson, Jon, Edward R. Carr, Boubacar Barry, James Ozols, Susan Chomba, David Quinn, Miguel Menez, Sheila Onzere, and William Collier. "The Adoption of Climate-Smart Agriculture in Africa: Constraints, Incentives, and Recommendations." Washington, DC: USAID (via Integra, LLC). 78pp
- 2015 Carr, Edward R., with Sheila Onzere, Tshibangu Kalala, Kwame Owusu-Daaku, and Helen Rosko. "Assessing Mali's l'Agence Nationale de la Météorologie's (Mali Meteo) Agrometeorological Advisory Program: Final Report on the Farmer Use of Advisories and Implications for Climate Service Design." Washington, DC: USAID. 167pp.
- 2015 Carr, Edward R., Grant Fleming, and Tshibangu Kalala. "Assessing Climate Service Needs in Kaffrine, Senegal: Livelihoods, Identity, and Vulnerability to Climate Variability and Change." Washington, DC: USAID. 39pp.

- 2015** Carr, Edward R., Kwame N. Owusu-Daaku, Nimmi Damodaran, Jennifer Peers, and Carolyn Wagner. *Working with Marginal Populations: An Annex to the USAID Climate-Resilient Development Framework*. Office of Global Climate Change, Bureau for Economic Growth, Education, and the Environment, USAID.
- 2015** Onzere, Sheila N., with Tshibangu Kalala, Kwame Owusu-Daaku, and Edward R. Carr. *Piloting Intersectional Gender Assessments in Malawi: Challenges and Lessons Learned*. Washington, DC: USAID.
- 2015** Anderson, Glen, Alton C. Byers, Edward R. Carr, Michael E. Cote, Nora Ferm, Brad Hurley, Daene McKinney, Lyly Njinga, Jennifer Peers, Joanne Potter, Joanna Pratt, Peter Schultz, Joel Smith, Jason Vogel, Steve Zebiak. *Compendium: The USAID Climate-Resilient Development Project*. Washington, DC: USAID Global Climate Change Office.
- 2014** Carr, Edward R. (editor) “Assessing Mali’s Direction Nationale De La Météorologie Agrometeorological Advisory Program: Preliminary Report on the Climate Science and Farmer Use of Advisories” Washington, DC: USAID. 177pp. Available at <https://dec.usaid.gov/dec/content/Detail.aspx?ctID=ODVhZjk4NWQtM2YyMi00YjRmLTkxNjktZTcxMjM2NDBmY2Uy&rID=MzUwNTIx>
- 2013** Carr, Edward R. and Mary C. Thompson. “Gender and Climate Change Adaptation in Agrarian Settings.” Washington, DC: United States Agency for International Development. 64 and vii pages. Available at <http://www.usaid.gov/climate/adaptation/resources>
- 2012** “Climate Change and Development: Clean, Resilient Growth: USAID Climate Change and Development Strategy: 2012-2016.” (Team authored, Carr contributions to governance, disaster risk reduction, and integration). Washington, DC: USAID.
- 2010** Fisher, Monica, Jeff Reimer and Edward R. Carr. “Who Should Be Interviewed in Surveys of Household Income?” IFPRI Discussion Paper 00949, International Food Policy Research Institute.
- 2000** DeCorse, Christopher R, Edward R. Carr, Gerard Chouin, Gregory Cook, and Samuel Spiers. “Central Region Project, Coastal Ghana - Perspectives 2000.” *Nyame Akuma* 53:6-11.

BOOK AND OTHER REVIEWS

- 2017** Carr, Edward R. Review comments on *The Land Beneath Our Feet*. Directed by Sarita Siegel and Gregg Mitman. Alchemy Films, 2016. 60 minutes. *H-Environment Roundtable Reviews* 7(4) 13-15.
- 2014** Carr, Edward R. “Development, Security, and Aid: Geopolitics and Geoeconomics at the U.S. Agency for International Development by Jamey Essex.” Book Review for *Economic Geography*, 90 (4): 453-455

- 2013** Carr, Edward R. “Broke but Unbroken: Grassroots Social Movements and Their Radical Solutions to Poverty by Augusta Dwyer.” Book Review for *Journal of Peasant Studies*, 40(2): 462-464
- 2013** Carr, Edward R. “Brand Aid: Shopping Well to Save the World by Lisa Ann Richey and Stefano Ponte.” Book Review in *Progress in Development Studies* 13(2):172-175
- 2010** Carr, Edward R. “Revolutions in Development Inquiry by Robert Chambers.” Book review in *Progress in Development Studies* 10 (2) 184-187.
- 2006** Carr, Edward R. “Verandahs of Power: Colonialism and Space in Urban Africa by Garth Andrew Myers.” Book Review in *Social and Cultural Geography* 7(2):331-332.
- 2006** Carr, Edward R. “Concubines and Power: Five Hundred Years in a Northern Nigerian Palace by Heidi J. Nast.” Book Review in *The Professional Geographer* 58(2):226-228.
- 2005** Carr, Edward R. “African Environment and Development: Rhetoric, Programs, Realities edited by William G. Moseley and B. Ikubolajeh Logan.” Book Review in *The Professional Geographer* 57(1):140-142.
- 2004** Carr, Edward R. “The Condition of Rural Sustainability by Terry Marsden” Book Review in *Journal of Peasant Studies* 31(1):168-170.

PUBLICATIONS UNDER REVIEW (Sole Author unless otherwise indicated)

Vaughan, Catherine, James Hansen, Philippe Roudier, Paul Watkiss, and Edward R. Carr. “Evaluating agricultural weather and climate services in Africa: Evidence, methodology, and a ‘learning agenda’” Submitted to *WIREs Climate Change*, 19 December 2017.

Carr, Edward R., Helen Rosko, Rob Goble, Catherine Vaughan, and James Hansen. “Identifying Climate Information Services Users and their Needs in sub-Saharan Africa: A Learning Agenda.” Submitted to *Climate and Development*, 28 February 2018.

CONFERENCE AND COLLOQUIUM PRESENTATIONS (Sole Author unless otherwise indicated)

Extramural

- 2017** “Everything All the Time: Agrarian Resilience and Development in the Anthropocene” Department of Geography Distinguished Harrison and Eva Bailey Alumni Lecture, University of Kentucky, 10 November.
- 2017** “Pathways to the Adoption of Climate Smart Agriculture.” Presentation to International Conference for African Agribusiness and Trade, New Brunswick, NJ, 11 July 2017.
- 2017** “How Climate Services Work: Reframing the Users and Uses of Weather and Climate Information.” Paper presented at the Association of American Geographers Annual Meeting, Boston, 6 April.

- 2017** “Agrarian Development and Resilience in the Anthropocene.” Invited Seminar for the Global Development Program Speaker Series, Boston University, 17 March 2017.
- 2017** (with Helen Rosko, Rob Goble, James Hansen, and Cathy Vaughan) “Identifying CIS Users and their Needs in sub-Saharan Africa.” Presentation at the Fifth International Conference on Climate Services, Cape Town, South Africa, 28 February.
- 2017** “Opportunities for strengthening evidence on livelihoods impacts.” Presentation to the Climate Services Evaluation – methodological review workshop, Cape Town, South Africa, 27 February.
- 2016** “Pathways to Climate Smart Agriculture.” Invited presentation at the Woodrow Wilson Center for Scholars, Washington, DC. 13 September.
- 2016** “Climate Change Adaptation and Development (Studies)” Invited presentation at the *Building Community Capacity to Adapt to Climate Change Across Sites, Groups, and Scales* conference at Syracuse University, 22 April.
- 2016** “Assertion is not Attribution: Assessing Global Development Goals after the MDGs and before the SGDs” Paper presented at the Association of American Geographers Annual Meeting, San Francisco, 29 March.
- 2015** (with Brent McCusker) “Gender and household livelihood adaptation under changing climatic and economic conditions in Malawi.” Paper presented at the Association of American Geographers Annual Meeting, Chicago, 21 April.
- 2015** “Marginal Populations and the CCRD Framework.” Invited Presentation at the Advancing Climate Resilient Development Symposium, Washington, DC. 16 March.
- 2015** “The Evaluation of Climate Services: Challenges and Opportunities.” Invited Presentation at the Advancing Climate Resilient Development Symposium, Washington, DC. 19 March.
- 2014** “Really effective...for 20% of the men: Lessons for Climate Services from Mali” Invited presentation at the Fourth International Conference on Climate Services, Montevideo, Uruguay, 11 December.
- 2014** “Co-producing with whom?” Invited presentation at the Fourth International Conference on Climate Services, Montevideo, Uruguay, 11 December.
- 2014** “Looking for Levers: Moving from critique to change in development practice” Invited colloquium for the Program in Development Studies, Emory University, 14 November.
- 2014** “Gender and Adaptation in Agrarian Settings” Invited Presentation to the Society for International Development, Washington, DC, 17 October.
- 2014** “Gender and Adaptation in Agrarian Settings” Invited Presentation to the Adaptation Community, Washington, DC, 16 October.

- 2014** “Development in a Changing Climate, or: How Donors Learned to Stop Worrying and Love Critical Theory.” Invited colloquium for the School of Geography and Development and the Masters in Development Practice Program, University of Arizona, 10 October.
- 2014** “Meteo Mali Agrometeorological Program: Preliminary Report.” Invited seminar at the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) Research Station, Bamako, Mali 30 May.
- 2013** “Climate Services for Development: (Social) Research Priorities,” presentation in the session Research Priorities for Climate Services, Third International Conference on Climate Services, Montego Bay, Jamaica, 5 December.
- 2013** “Evaluating Climate Services: Lessons from Mali,” presentation in the session Evaluating Climate Services: recent experiences and lessons learned, Third International Conference on Climate Services, Montego Bay, Jamaica, 4 December
- 2013** “‘Often accurate, often wrong’: Climate Services, Rural Livelihoods, and Behavioral Change Under Uncertainty in Rural Mali,” Presentation at the Southeastern Division of the Association of American Geographers Annual Meeting, 25 November.
- 2013** “Climate Services: Learning and Doing,” presentation in the session *Climate Services: Bringing Decision Makers Climate Data They Can Use* at the US Center at COP-19, Warsaw, Poland 15 November.
- 2013** “(Which) climate services for (whose) development: Assessing Meteo Mali's Agrometeorological Program” Paper presented at the Annual Meeting of the Association of American Geographers, Los Angeles.
- 2013** “Rural Development in an Overdetermined Age” Invited colloquium for the Department of Anthropology, University of Georgia, 15 February.
- 2012** “Meteo Mali Agrometeorological Program: Preliminary Report.” Invited presentation at the workshop *Scaling up Climate Services for Farmers in Africa and South Asia*, Dakar, Senegal, 10 December
- 2012** “Agriculture in West and Central Africa” Invited lecture for the Sub-Saharan Africa Advanced Area Intensive Seminar, Foreign Service Institute, Alexandria, VA. 13 November.
- 2012** “Climate Services for Development: An Assessment of the Mali Meteorological Service’s Agrometeorological Program.” Invited presentation at the Second International Conference on Climate Services, Brussels, Belgium. 5 September.
- 2012** “Agriculture in Africa.” Invited lecture for the Sub-Saharan Africa Area Studies course, Foreign Service Institute, Alexandria, VA. 5 July
- 2012** “*Delivering Development: Small Farmers, Big Assumptions and Hope for a Just, Sustainable Future*” Invited Colloquium, Glen R. Anderson Visiting Lectureship, University of Florida, 20 April 2012

- 2012** “Livelihoods as Government: Rethinking Livelihoods Analysis for Development” Invited Colloquium, Department of Geography, University of Florida, 19 April 2012
- 2012** “How to Avert a Food Crisis” A conversation with Hans Herren and David Biello. Invited participant for *Future Tense: Feeding the World While the Earth Cooks*. New America Foundation/Slate Magazine/Arizona State University, Washington DC, 12 April 2012
- 2012** “*Delivering Development: Small Farmers, Big Assumptions and Hope for a Just, Sustainable Future*” Invited Colloquium in the Center for Global Engagement (CGE) International Development Series, Northwestern University, 5 April 2012
- 2011** “*Delivering Development: What the Global Poor Can Teach Us About a Sustainable Future.*” Invited colloquium, Chatham University, 2 December 2011.
- 2011** “*Delivering Development in a Changing Climate*” Invited colloquium, Johns Hopkins School of Advanced International Studies, 21 October.
- 2011** “Feeding the World?” Invited presentation for the Organic Trade Association’s Organic Research Track, Natural Products Expo East, Baltimore, 23 September.
- 2011** “We’re Doing it Wrong: Rethinking Livelihoods for Sustainable Development” Invited colloquium, Department of Geography, George Washington University, 22 April.
- 2011** “Food Security and Agriculture in Sub-Saharan Africa” Five invited presentations to participants in the Africa Area Studies Program, Foreign Service Institute, Arlington, VA, 10 February 2011, 17 May 2011, 17 June 2011, 1 September 2011, 27 October 2011.
- 2010** “Livelihoods as Governmentality: Rethinking Livelihoods Analysis for Development” Invited colloquium, Department of Geography, University of North Carolina – Chapel Hill. 12 November.
- 2010** (with Brent McCusker) “Addressing the “Scale Problem”: Linking Livelihoods Change and Land Use to Inform Regional Climate Models and Adaptation Policy” Paper presented at the Annual Meeting of the Association of American Geographers, Washington, DC
- 2010** “Archaeology, Landscape and Livelihoods as Governmentality: Understanding Adaptation to Global Change” Invited Professor Emeritus Lecture, Department of Geography, Texas A&M University, 26 March.
- 2009** “Commentary: Four Questions” Invited discussant for session on Political Ecology of Protected Areas and the State at the Southeastern Division of the Association of American Geographers Annual Meeting, Knoxville, TN
- 2009** “Global Adaptation Information Network (GAIN): Linking Development and Adaptation” Invited presentation, Development Alternatives Group, Delhi, India, 2 May.

- 2009** “Can We “Develop” Sustainable Adaptations?: Adaptation Decision-making in Ghana’s Central Region” Invited colloquium, Elliot School of International Affairs, George Washington University, 21 April
- 2009** (with Brent McCusker) “The co-production of land use and livelihoods: Emerging evidence from Malawi” Paper presented at the Annual Meeting of the Association of American Geographers, Las Vegas
- 2009** “Where is the national?” Invited commentary on the session “New Geographies of Hunger and Food Security I”, Annual Meeting of the Association of American Geographers, Las Vegas
- 2009** “‘Developing’ Adaptation: Understanding Adaptation Decision-making in Ghana’s Central Region” Invited Colloquium, Department of Geography, McGill University, 16 February.
- 2008** (with Brent McCusker) “Development and the Emerging Food Crisis in Mulanje District, Malawi” Paper presented at the Southeastern Division of the Association of American Geographers Annual Meeting, Greensboro, NC.
- 2007** “What is Being Managed? Understanding Adaptations to Development, Environmental Change and Economic Uncertainty in Coastal Ghana” Invited colloquium, Department of Geography, University of Kentucky, 15 December.
- 2007** (with Nate Kettle and Andrew Hoskins) “Evaluating Poverty-Environment Dynamics: From Indicators to Assessments” Paper presented at the Southeastern Division of the Association of American Geographers Annual Meeting, Charleston, SC.
- 2007** (with Natalie Jensen, Matt Wingard, and Mary Thompson) “DPSIR and the Evaluation of Development Efforts” Paper presented at the Southeastern Division of the Association of American Geographers Annual Meeting, Charleston, SC.
- 2006** (with Brent McCusker) “Theorizing the co-production of land use and livelihood change” Paper presented at the Southeastern Division of the Association of American Geographers Annual Meeting, Morgantown, WV.
- 2006** “Men’s Crops and Women’s Crops: The Importance of Gender to the Understanding of Agricultural and Development Outcomes in Ghana” Invited colloquium, Department of Geology and Geography, Georgia Southern University, 28 September
- 2006** “White Men and River Gods: Narratives of ‘Developed’ and ‘Underdeveloped’” Paper presented at the Annual Meeting of the Association of American Geographers, Chicago.
- 2006** “Producing Responsibility: Power, Knowledge and Resistance in the Management of Uncertainty in Coastal Ghana” Invited colloquium, Department of Geography, Simon Fraser University, 16 February.

- 2006** “Local Strategies, Global Implications: Managing Globalization and Development in Coastal Ghana” Invited colloquium, Department of Geography and Anthropology, Louisiana State University, 14 February.
- 2005** “Losing the Local in Postdevelopment.” Paper presented at the Southeastern Division of the Association of American Geographers Annual Meeting, West Palm Beach, FL.
- 2005** (with Brent McCusker) “Linking Land and Livelihoods through Power.” Paper presented at the Annual Meeting of the Association of American Geographers, Denver.
- 2005** “Emerging Themes in Political Ecology: Migration” Invited commentary presented at the Annual Meeting of the Association of American Geographers, Denver.
- 2004** “Postmodern Conceptualizations, Modernist Applications: Rethinking the Role of Society in Food Security” Paper presented at the Southeastern Division of the Association of American Geographers Annual Meeting, Biloxi, MS.
- 2004** “Placing the Environment in Migration: Environment, Economy and Power in Ghana’s Central Region.” Invited colloquium, Department of Geography, East Carolina University. 15 October.
- 2004** “An Archaeology of Late 20th Century Globalization in Ghana”. Invited colloquium, Department of Archaeology, University of Ghana, Legon, Ghana. 17 June.
- 2004** (with Julius Fobil) “Migration and the Environment: Power and Drivers in Rural Ghana.” Paper presented at the Annual Meeting of the Association of American Geographers, Philadelphia.
- 2004** “Gendered Perspectives on Nature-Society Theory.” Invited Commentary presented at the Annual Meeting of the Association of American Geographers, Philadelphia.
- 2003** “Foucault, Food and Livelihood Security: Reenvisioning Development as Critical Intervention.” Paper presented at the Southeastern Division of the Association of American Geographers Annual Meeting, Charlotte.
- 2003** “Of Logging, ‘White Jobs’, and Lorries: Landscapes of Globalization in Coastal Ghana, 1960-2000.” Paper presented at the African Studies Association Annual Meeting, Boston.
- 2002** “The Role of Social Space in the Negotiation of Economic and Environmental Instability in Coastal Ghana.” Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Richmond.
- 2002** “Development and the Household: Missing the Point?” Paper presented at the Annual Meeting of the Association of American Geographers, Los Angeles.
- 2001** “Culture Change and Capitalist Expansion in the Archaeological Record.” Paper presented at the Society of American Archaeology Annual Meeting, New Orleans.

- 2001** “Social Construction and the Margins of Capitalism in Coastal Ghana: Thoughts on a Non-Marxian, Non-Essentialist Political Ecology.” Paper presented at the Annual Meeting of the Association of American Geographers, New York.
- 2000** “Archaeology: A Methodological Means of Questioning Political Ecological Theory” Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Chapel Hill, NC.
- 2000** “Excavating Political Ecology: An Archaeological Interrogation of a Capitalocentric Marxist Approach” Paper presented at the Cincinnati Miniconference on Critical Geography.
- 2000** “Integrating Theoretical Perspectives in the Study of Economic Change and Village Abandonment in the Central Region.” Invited colloquium, Department of Geography, University of Cape Coast, Ghana. 13 July
- 1998** “The Formation and Intensification of Residential Microsegregation in Lexington, Kentucky’s Northside Neighborhood, 1900-1940.” Paper presented at the Annual Meeting of the Southeastern Division of the Association of American Geographers, Memphis.
- 1998** “There is one over here: Ethnohistorical Studies in the Geography of Development.” Paper presented at 94th Annual Meeting of The Association of American Geographers, Boston.
- 1997** “Pretense Without Foundations: Symbols, Group Identity and the Creation of an Architectural Form.” Paper presented at American Ethnological Society Annual Meeting, Seattle.
- 1996** (with Christopher DeCorse) “Lost in Space: Archaeological Perspectives on the Built Environment in West Africa.” Paper presented at American Anthropological Association Annual Meeting, San Francisco.
- 1996** (with Douglas Armstrong and Douglas Pippen) “Maintenance of Freedom on the Margins: Archaeology of a Changing Cultural Landscape, The East End Community, St. John, Virgin Islands.” Paper presented at American Anthropological Association Annual Meeting, San Francisco.
- 1996** “Cellar Set Houses: An Indicator of Changing Colonial Mindsets.” Paper presented at Society of American Archaeology Annual Meeting, New Orleans.

Intramural

- 2015** “Those Gendered Outcomes Aren't Bugs, They're Features! Transitioning Mali's Agrometeorological Advisory Program from Humanitarian Assistance Intervention to Development Project" Marsh Lecture, Clark University, 8 October.
- 2013** “Development, the Environment, and Sustainability...or something like that” Presentation to the Green Learning Community at the Green Quad, 4 October.

- 2013** “A (nearly) blank slate: SCARS and contemporary food security.” Presentation to the Studying Carolina, Africa, Rice, and Slavery (SCARS) Walker Institute Small Workshop, Walker Institute for International and Area Studies, 17 September.
- 2013** “The Art of Science: Climate and Development in sub-Saharan Africa.” Invited Keynote address for the University of South Carolina Junior Science & Humanities symposium, 31 January.
- 2009** “Can We Have Environmental Sustainability and Development?” Invited Presentation to the Roosevelt Seminar POLI 391V: *Effecting Change Through Public Policy*, 2 February.
- 2008** “The Convergence of Development and Adaptation” Invited presentation to the University of South Carolina’s Roosevelt Institution Chapter.
- 2007** “Commentary for ‘U.S. Food Aid: What Has Changed and What Still Needs to Change’ [Christopher B. Barrett, Cornell University] and ‘What Political Commitment Can Do: An Inspirational Response to Hunger in Guatemala’ [José Andrés Botrán, Secretary of Food and Nutrition Security of the Government of Guatemala]” Invited Commentary for the *Global Issues Forum: Responding to Global Hunger*, Walker Institute of International and Area Studies, University of South Carolina.
- 2005** “Local Strategies, Global Implications: Managing Globalization and Development in Coastal Ghana” Invited Presentation to the Walker Institute of International and Area Studies, University of South Carolina.
- 2005** “Learning From/Learning About the Global Poor: Local Strategies for Managing Global Changes” Invited Presentation to the Professional Society of International Studies, University of South Carolina.
- 2004** “The Archaeological Interpretation of Change in African Contexts.” Invited presentation at the Wednesday Archaeology at South Carolina Lunch, Department of Anthropology, University of South Carolina
- 2003** “The Archaeology of Globalization.” Invited presentation at the Wednesday Archaeology at South Carolina Lunch, Department of Anthropology, University of South Carolina.
- 2003** “The Role of the Social Sciences in Addressing Global Change.” Colloquium presentation, Department of Social Sciences and Humanities, St. Louis University, Madrid Campus.
- 2000** “The Archaeological Construction of Space: A View from West Africa.” Presentation to the Archaeology Roundtable, University of Kentucky.
- 1999** “Articulating Scales and Disciplines: An ethnoarchaeological approach to development and culture change in coastal Ghana.” Presentation to the Work Group in Development Anthropology, University of Kentucky.

1998 “Because There Were no Lorries: Development, Culture Change and the Landscape of Dominase, Central Region, Ghana.” Presentation to the Work Group in Development Anthropology, University of Kentucky.

OTHER CONFERENCE AND PRESENTATION ACTIVITIES

2017 *Invited Panelist*, “Risk and Economic Analysis for Development.” Society for Risk Assessment Annual Meeting, Washington, DC, 11 December

2017 *Invited Panelist*, “Making Geographic Scholarship Count: Strategies and alternative measures for engaged scholarship, practice, and activism in geography.” Association of American Geographers Annual Meeting, San Francisco, 5 April

2017 *Invited Panelist*, “The Land beneath Our Feet: Film Screening and meet the Director/Writer.” Association of American Geographers Annual Meeting, San Francisco, 6 April

2016 *Invited panelist*, The Conflict Potential of Climate Change Adaptation and Mitigation: Backdraft Revisited. Woodrow Wilson Center for Scholars, Environmental Change and Security Program, Washington, DC. 26 September

2016 *Invited comments*, *Dialogues in Human Geography* Plenary Lecture “Geographic perspectives on development goals: Constructive engagements and critical perspectives on the MDGs and the SDGs” Association of American Geographers Annual Meeting, San Francisco, 1 April

2016 *Invited Panelist*, “Pathways to Resilience: Evidence From Africa on Links Between Conflict Management and Resilience to Food Security Shocks.” Woodrow Wilson Center for Scholars, Washington, DC, 8 March

2015 *Invited Panelist*, “What is needed to evolve science towards increased societal benefit?” *El Nino 2015 Conference: Shared Experiences: 20 Years of Climate Services and Framing the Next Steps in the Research and Development for Climate Resilience*, Palisades, New York, 18 November

2015 *Invited Panelist*, “Opportunities in Science Policy for Geographers and Environmental Scientists” Association of American Geographers Annual Meeting, Chicago, 22 April

2014 *Invited Panelist*, Author Meets Critics Session: “Development, Security, and Aid: Geopolitics and Geoeconomics at the U.S. Agency for International Development by Jamey Essex.” Association of American Geographers Annual Meeting, Tampa, 8 April

2013 *Invited Panelist*, Report launch of “Harvesting Peace: Food Security, Conflict, and Cooperation,” Woodrow Wilson Center for Scholars, Washington, DC, 12 September

2013 *Participant*, Nordlands Forskning/CICERO/University of Alaska-Fairbanks workshop on climate change adaptation and gender, Tromsø, Norway 27-28 July

- 2013** *Participant*, CCAFS International Expert Panel “Developing a Methodology to Evaluate Climate Services for Farmers in Africa and South Asia.” Kaolack, Kaffrine, and Saly, Senegal, 19-25 July
- 2013** *Organizer and panelist* for “Development Geography: Can critical perspectives exist in policy and implementation (1 and 2),” Association of American Geographers Annual Meeting, Los Angeles
- 2013** *Discussant* for “Africa's Green Revolution: Critical perspectives on new agricultural technologies and systems II,” Association of American Geographers Annual Meeting, Los Angeles
- 2012** *Moderator* for the National Voluntary Presentations of Kenya, Mauritius, and Qatar at the Annual Ministerial Review during the 2012 High-level Segment of the Economic and Social Council (United Nations), 2 July
- 2012** *Panelist* for “A Discursive Climate of Diversion: Obscuring Causality, Responsibility, and Blame” Association of American Geographers Annual Meeting, New York.
- 2012** *Panelist* for “Scenario Methods in Geographic Research: A Panel Discussion” Association of American Geographers Annual Meeting, New York.
- 2011** *Invited discussant* for “Rising Food Prices, Food Price Volatility, and Political Unrest” by Marc Bellemare, Duke University. Center for Global Development, 5 December 2011.
- 2011** *Session co-organizer* (with Farhana Sultana), “Climate Change and Development: Intersections, Contradictions, Opportunities (I and II)” Panel sessions for the Association of American Geographers Annual Meeting, Seattle, WA
- 2011** *Session co-organizer* (with David Simon), “Geographers and/in development” Panel sessions for the Association of American Geographers Annual Meeting, Seattle, WA
- 2009** *Session co-organizer (with Brent McCusker)*, “Innovative Approaches to the Study of Land Use/Livelihood Systems I and II” Paper sessions for the Association of American Geographers Annual Meeting, Las Vegas, NV
- 2009** *Panelist*, “Emerging Topics in International Development.” Panel session at the Association of American Geographers Annual Meeting, Las Vegas, NV
- 2008** *Session co-organizer (with Brent McCusker) and Panelist*, “Development Geography and the Human Dimensions of Environmental Change I: Conceptual Connections” Panel session for the Association of American Geographers Annual Meeting, Boston, MA.
- 2008** *Session Chair*, “Development Geography and the Human Dimensions of Environmental Change II: Practice” Panel session for the Association of American Geographers Annual Meeting, Boston, MA.

- 2007** *Panelist*, “Ethnoarchaeologies: A Discussion of Directions in Ethnoarchaeological Epistemologies” Panel session for the Association of American Anthropologists Annual Meeting, Washington, DC.
- 2007** *Session Organizer*, “Development Geographies” Paper session for the Southeastern Division of the Association of American Geographers Annual Meeting, Charleston, SC
- 2007** *Session co-Organizer (with Patrick Hurley) and Discussant*, “Political Ecology in the American South” Paper session for the Southeastern Division of the Association of American Geographers Annual Meeting, Charleston, SC
- 2007** *Conference Program Chair*, 2nd Developing Areas Specialty Group Pre-Conference, Berkeley, CA
- 2007** *Session co-Organizer (with Per Lindskog) and Panelist*, “The Politics of the Millennium Development Goals” Panel session for the 2nd Developing Areas Specialty Group Pre-Conference, Berkeley, CA
- 2007** *Session co-Organizer (with Jeff Bury) and Panelist*, “Managing Environmental Uncertainty in Development” Panel session for the Annual Meeting of the Association of American Geographers, San Francisco
- 2007** *Panel Discussant*, “Stereotypical ideologies/iconoclastic ethnographies” Panel session for the Annual Meeting of the Association of American Geographers, San Francisco
- 2006** *Session co-Organizer (with Katharine McKinnon) and Panelist*, “A Future For Development? Conversations between Political Ecology and Development (Pre-, Post- And Other).” Panel session for the Annual Meeting of the Association of American Geographers, Chicago.
- 2006** *Panel Discussant*. “New Geographies of Livelihoods.” Annual Meeting of the Association of American Geographers, Chicago.
- 2005** *Paper Discussant (twice)*. Annual Meeting of the Southeastern Division of the Association of American Geographers, West Palm Beach, FL.
- 2005** *Panel Discussant*: “Critical Geography and Discourses of Development.” International Development Studies Conference, Boulder.
- 2005** *Panel Discussant*: “Gender and Migration.” International Development Studies Conference, Boulder.
- 2005** *Session co-Organizer (with Brian King and Brad Jokisch)*, “Emerging Themes in Political Ecology II: Migration.” Paper session for the Annual Meeting of the Association of American Geographers, Denver.
- 2004** *Paper Discussant*. Annual Meeting of the Southeastern Division of the Association of American Geographers, Biloxi, MS.

- 2004** *Panel Discussant*, “The Role of Geographic Methods, Approaches and Perspectives in Addressing African Development Challenges,” Annual Meeting of the Association of American Geographers, Philadelphia
- 2003** *Paper Discussant*. Annual Meeting of the Southeastern Division of the Association of American Geographers, Charlotte.
- 2003** *Session Organizer*, “Development and Security I: Critical Case Studies.” Paper session for the Annual Meeting of the Association of American Geographers, New Orleans.
- 2003** *Session Organizer*, “Development and Security II: Conceptual Approaches.” Paper session for the Annual Meeting of the Association of American Geographers, New Orleans.
- 2003** *Session Organizer*, “Development and Security III: Where do we go from here?” Panel discussion for the Annual Meeting of the Association of American Geographers, New Orleans.
- 2002** *Paper Discussant*. Annual Meeting of the Southeastern Division of the Association of American Geographers, Richmond
- 1998** *Panel Discussant*, “Critical Ethnography.” Discussion panel at the Cincinnati Miniconference on Critical Geography.

MEDIA AND PUBLIC OUTREACH

- 2010-present** Author of *Open The Echo Chamber*, a blog about development and global change. Posts have been referenced in the *New York Times*, *Foreign Policy*, *The Nation*, and the *Daily Beast*, and the site records more than 2000 visits a month.
- Listed as one of the “Top ten international development blogs” by Vodafone’s World of Difference Programme (<http://worldofdifference.vodafone.co.uk/news/archives/5944>)
- 2017** “Backdraft #4: Edward Carr on Climate Response, Motivations, and the Value of Ethnographic Research.” Friday Podcast, Woodrow Wilson Center for Scholars. <https://www.newsecuritybeat.org/2017/03/ed-carr-pivot-understanding-motivates-people/>
- 2016** Quoted in “Donald Trump is the First Demagogue of the Anthropocene” *The Atlantic Monthly*, Accessed at <http://www.theatlantic.com/science/archive/2016/10/trump-the-first-demagogue-of-the-anthropocene/504134/>
- 2015** “Sustainable Development Goals Offer Something for Everyone--and Will Not Work” Invited SA Forum contribution for *Scientific American* online. Accessed at <http://www.scientificamerican.com/article/sustainable-development-goals-offer-something-for-everyone-and-will-not-work/>

- 2013** Interview about development criticism with *Aidworks: The other World Service radio show* on 2ser 107.3FM (Australia), 3 July. Accessed at <http://www.2ser.com/terms-conditions/item/4125-aidworks-3rd-july-2013-author-and-academic-edward-carr-in-discussion>
- 2013** “Climate change as an integration issue.” Invited guest blog post on the African Development Bank’s *Integrating Africa* blog. 14 June. Accessed at <http://www.afdb.org/en/blogs/integrating-africa/post/climate-change-as-an-integration-issue-12000/>
- 2011** “A Development Expert Relies On the Resilience of Villagers” by Keith Kloor, interview for *Yale Environment* 360, 21 December
- 2011** “Ed Carr: Geographer on the Vanguard” by Tony Bebbington, profile in *USAID Frontlines*, June/July 2011 <http://www.usaid.gov/news-information/frontlines/climate-changescience-technology/ed-carr-geographer-vanguard-0>
- 2010** Quoted in “Climate Change May Mean More Mexican Immigration,” *Scientific American*, 26 July.
- 2010** “Douthat misses his own point on climate change” Op-ed piece for the August 2nd issue of *The State*, Columbia, SC
- 2009** “Cap and Trade, the Future of Climate Change, and South Carolina” Invited Presentation to the North Lake Sertoma Club, 9 July.
- 2009** “The fantasy of clean coal.” Op-ed piece for the June 8th issue of *The State*, Columbia, SC.
- 2008** Two interviews with WOIC Radio, Columbia, SC, on Governor Sanford’s Climate Change Committee Report and Climate Change and its impacts in Africa.
- 2008** “Governor’s energy report has no clothes.” Op-ed piece for the Aug 17th issue of *The State*, Columbia, SC.
- 2007** “Climate issue requires education first.” Op-ed piece for Oct 19th issue of *The Daily Gamecock*, Columbia, SC
- 2006** “Ocean resources short on protection.” Op-ed piece for Aug 13th issue of *The Sun News*, Myrtle Beach, SC.
- 2005** “Burying our heads in eroding sands”. Op-ed piece for Oct 2nd issue of *The State*, Columbia, SC.
- 2005** Interview with S.C. News Network about livelihoods impacts of the Asian Tsunami
- 2004** Interview with ETV Radio for “Carolina Minute”

FELLOWSHIPS AND AWARDS

- 2017** University of Kentucky Department of Geography Distinguished Alumni Award
- 2016** Abraham Lincoln Honor Award for Contributions to Global Food Security, US Department of Agriculture (as one of the lead authors of *Climate Change, Global Food Security, and the U.S. Food System*)
- 2012** Meritorious Honor Group Award, USAID (for contribution to USAID's *Frontiers in Development* symposium publication)
- 2012** Winner, *Frontiers in Development* Essay Contest, USAID
- 2012** Glen R. Anderson Visiting Lectureship, University of Florida
- 2010 – 2012** American Association for the Advancement of Science (AAAS) Science and Technology Policy Fellowship
- 2010** Professor Emeritus Lecture, Department of Geography, Texas A&M University
- 2006** Zayed International Prize for the Environment, 2nd Prize. Shared by the authors of the *Millennium Ecosystem Assessment*
- 2001 – 2002** Presidential Fellowship (University of Kentucky), \$15000 + tuition
- 2000 – 2001** Syracuse University Fellowship, \$11850 + tuition
- 1996 – 2000** National Science Foundation Graduate Research Fellowship, \$45000 + tuition.
- 1998** National Science Foundation International Research Travel Allowance, \$1000
- 1996** Maxwell Dean's Summer Fellowship (Syracuse University), \$2000
- 1995 – 1998** Syracuse University Fellowship, \$22000 + tuition (Declined).
- 1995 – 1996** Mellon Fellowship in the Humanities, \$13000 + tuition.

GRANTS AND CONTRACTS (\$2.058 million total funding)

- 2017-2022** PI for "Climate Integration Support Facility" United States Agency for International Development (USAID) via Abt Associates. Funding amounts TBD
- 2016-2018** PI for "USAID Climate Information Services Research Initiative" United States Agency for International Development (USAID) via Mercy Corps. \$385,142, Collaborator: co-PI Sheila Onzere, HURDL

- 2016-2018** PI for “Addressing the climate-conflict nexus: an examination of opportunities and barriers to program implementation” United States Agency for International Development (USAID) (AID-OAA-G-16-00026). \$59,311 Collaborator: co-PI Daniel Abrahams, University of South Carolina
- 2016-2017** PI for “Linking Gender Based Violence, Gendered Forest Governance, and Forest Outcomes”. World Resources Institute. \$93,000. Collaborator: co-PI Sheila Onzere, HURDL, co-PI Denise Bebbington, Clark University, co-PI Cindy Caron, Clark University.
- 2016** PI for “Building Resiliency and Adaptation to Climate Extremes and Disasters”. UK Department for International Development, via IRD. \$69,332
- 2015-2020** PI for “Climate services and climate change adaptation in Mali” United States Agency for International Development (USAID)/Mali Climate Change Adaptation Project via Chemonics. \$431,546
- 2015-2016** PI for “Climate Smart Agriculture Uptake Survey” United States Agency for International Development via Integra LLC (Clark fund # pending) \$26,884.
- 2014-2018** PI for “Deltaic Environments, Vulnerability and Climate Change: The Role of Migration as an Adaptation and its Policy Implications (DECCMA),” a Collaborative Adaptation Research Initiative in Africa and Asia Research Consortium funded by the International Development Research Centre and UK Department for International Development. USC portion £64,825
- 2014-2015** PI for “Research and Implementation Related to Adaptation to Climate Change”, United States Agency for International Development (USAID) Climate Change Resilient Development Program (USC # 13540-15-37366) \$297,419
- 2013-2014** PI for “Research and Implementation Related to Adaptation to Climate Change”, United States Agency for International Development (USAID) Climate Change Resilient Development Program (USC # 13540-1-34399) \$288,540
- 2013-2014** “From Vulnerability Assessments to Adaptive Action: A demand-driven approach to forecast-based decisions for development” Collaborative project designed and implemented with the Red Cross Climate Centre. CCRD Climate Adaptation Small Grants Program. Engility/United States Agency for International Development (USAID). \$99,829
- 2013** PI for “Gender, Agriculture, and Adaptation Literature Review and Discussion Paper,” United States Agency for International Development (USAID) Climate Change Resilient Development Program, \$26,343
- 2012-2013** Participatory adaptation consultant, World Bank Pilot Projects in Climate Resilience (PPCR) Program, Zambia. \$27,060

- 2012-2013** PI for “An Assessment of Mali Meteorological Service's Agrometeorological Advisory Program”, United States Agency for International Development (USAID) Climate Change Resilient Development Program (USC # 13540-13-31143) \$146,353
- 2010-2011** PI for “Connecting Livelihoods to the Biophysical Impacts of Forest Incursion” University of South Carolina, Social Sciences Grants Program (USC #13540-10-24167) \$19,961. PI John Kupfer, University of South Carolina.
- 2007-2008** PI for “Collaborative Research: AOC: Reconceptualizing the Genesis of Change in Rural African Societies: Exploratory Research on the Co-production of Land Use and Livelihood Change” National Science Foundation Human and Social Dimensions Competition, Agents of Change emphasis area (USC #13540-07-15325), \$123,572 (USC portion \$23,949). Collaborators and institutions: PI Brent McCusker, co-PI Joseph Hodges, West Virginia University; PI Monica Fisher, Oregon State University.
- 2006-2007** PI for “Exploring the Socioecological Impacts of Economic and Environmental Change in Ghana's Central Region” National Geographic Society Committee for Research and Exploration (USC #13540-06-11309), \$22,000 co-PI Dr. Marcia C. Castro (USC – Geography).
- 2005** Walker Institute of International Studies (University of South Carolina), Faculty Support for research in Ghana, \$2500
- 2004-2005** co-PI for “Societal pressures on groundwater resources in southeastern Nigeria”, (START/PACOM), \$19,128. PI Dr. E. M. Ekanem, Dept. of Geography, University of Uyo (Nigeria). Co-PIs Dr. I.E. Ukpong, Dr. M. Okoji, Mr. R. Ekpenyong, Dept. of Geography, University of Uyo (Nigeria), and Dr. G. J. Carbone, Dr. K. Dow, Dept. of Geography, University of South Carolina
- 2004** Walker Institute of International Studies (University of South Carolina), Faculty Support for research in Ghana, \$2000
- 2000** Institute for Field Research, \$9800, (with Christopher R. DeCorse and Samuel Spiers, Syracuse University).
- 2000** Dissertation Enhancement Award (University of Kentucky), \$1400
- 2000** Roscoe Martin Fund (Syracuse University), \$430
- 2000** Summer Research/Creative Grant (Syracuse University), \$1500
- 1999** Roscoe Martin Fund (Syracuse University), \$600

GRANTS FOR STUDENT RESEARCH

- 2015** A Comparative Study of the Narratives of Climate Change Vulnerability in the Volta River Delta of Ghana. Borlaug LEAP Fellowship. \$19,990. Kwame Owusu-Daaku, co-PI
- 2015** “A Tale of Two Cities: A Comparative Study of the Narratives of Climate Change Vulnerability in the Volta River Delta of Ghana” Support to Promote Advancement of Research and Creativity (SPARC) Graduate Research Grant. \$4990. Kwame Owusu-Daaku, co-PI.
- 2013** “Environmental Governance and Lebanon's Shouf Biosphere Reserve” Support to Promote Advancement of Research and Creativity (SPARC) Graduate Research Grant. \$5000. Robert Greeley, co-PI
- 2010** “Aspirations or Reactions?: Understanding the Development Needs of Women in Rural Ghana” Magellan Scholar Fellowship, University of South Carolina, \$5500. Meg Gunning and Maggie Steiner, co-PIs.
- 2010** “Evaluating the Impact of Child Support Grants and Lesotho” Magellan Scholar Fellowship, University of South Carolina, \$3000. Will Payne, co-PI.
- 2008** “Sustainability of the Emerging Middle Class in Johannesburg, South Africa, and the Investment Opportunities it May Create” Magellan Scholar Fellowship, University of South Carolina, \$6000. Duggan MacDonald and Erin Turner, co-PIs.
- 2006** “Street Vending in Two African Cities: A Comparative Analysis of Accra, Ghana and Nairobi, Kenya” Magellan Scholar Fellowship, University of South Carolina, \$3000. Ronald Atkinson and Denise Dunovant, co-PIs.

TEACHING EXPERIENCE

- *IDCE 358 Livelihoods: Development, Adaptation, and Resilience (Clark University)
- *IDCE 358 The Practice and Praxis of Social Change (Clark University)
- *IDCE 358 Environment and Development (Clark University)
- *IDCE 399 REDD+ and Forest Governance (Clark University)
- GEOG 121 World Regional Geography (University of South Carolina)
- GEOG 210 Peoples, Places and Environments (University of South Carolina)
- GEOG 228 Geography of Sub-Saharan Africa (University of South Carolina)
- GEOG 313 Geography of Global Development (University of South Carolina)
- GEOG 569 Environment and Development (University of South Carolina)
- *GEOG 701 History of Geographic Thought (University of South Carolina)
- *GEOG 721 Nature, Development and Globalization (University of South Carolina)
- *GEOG 721 Geographies of Development and Anti-Development (University of South Carolina)
- *GEOG 721/730 Cultural and Political Ecology (University of South Carolina)
- *GEOG 721 Development and Governmentality (University of South Carolina)
- *GEOG 810 Readings in Contemporary Human Geography (University of South Carolina)

- GEO 160 Lands and Peoples of the Non-Western World (University of Kentucky/Lexington Community College)
- SC-E318 World Geography (St. Louis University, Madrid)
- HS-E111 Origins of the Modern World to 1600/Historical Geography of Western Society to 1600 (St. Louis University, Madrid)
- HS-E493 The Archaeology of Mediterranean Civilizations (St. Louis University, Madrid)
- Archaeological Research Design and Excavation (Ghana Museums and Monuments Board)
- Field Methods in Archaeology (Syracuse University)

* graduate seminar

GRADUATE STUDENT SUPERVISION

Ph.D. Advisor

Michael Finewood, Ph.D. (University of South Carolina, 2010)

- Currently assistant professor of environmental studies, Pace University

Sarah Schwartz, Ph.D. (University of South Carolina, 2011)

- Currently lecturer, Lamar University

Mary Thompson-Hall (*nee* Thompson), Ph.D. (University of South Carolina, 2013)

- Currently Program Specialist at International START Secretariat, Washington, DC

Robert Greeley, Ph.D. (University of South Carolina, 2016)

- Currently assistant professor of Arabic, Middlebury College

Manali Baruah, Ph.D. (University of South Carolina, 2017)

- Currently consultant, The World Bank

Kwame Owusu-Daaku, Ph.D. (University of South Carolina, 2017)

- Currently assistant professor, Department of Earth and Environmental Science, University of West Florida

Tshibangu Kalala, Ph.D. (University of South Carolina, in progress)

Daniel Abrahams, Ph.D. (University of South Carolina, in progress)

Janae Davis, Ph.D. (Graduate School of Geography, Clark University, in progress)

Helen Rosko, Ph.D. (Graduate School of Geography, Clark University, in progress)

Masters Advisor

Sarah Schwartz, MA (University of South Carolina, 2005)

Jovian Sackett, MA (University of South Carolina, 2007)

Mary Thompson, MA (University of South Carolina, 2008)

Ph.D. Committee Member

Billy Terry, Ph.D. (University of South Carolina, 2009)

Tara Plewa, Ph.D. (University of South Carolina, 2009)

Steven Smith, Ph.D. (USC Anthropology, 2010)

Jakob Crockett, Ph.D. (USC Anthropology, 2011)

Natalie Jensen, Ph.D. (University of South Carolina, 2011)

Swapna Pathak, Ph.D. (USC Political Science) (2013)
Arielle Tozier de la Poterie (University of Colorado, Environmental Studies, 2017)
Andrea Warren, Ph.D. (USC Department of Health Promotion, Education, and Behavior, Arnold School of Public Health, 2017)
Patrick Mutegeki, Ph.D. (Graduate School of Geography, Clark University, in progress)
Scott Odell, Ph.D. (Graduate School of Geography, Clark University, in progress)
Park Muhonda, Ph.D. (Department of Geology and Geography, West Virginia University, in progress)

Masters Committee Member

Michael Finewood, MA (USC Anthropology, 2005)
Stephanie Login-McGinn, MA (University of South Carolina, 2005)
Alan Hancock, MA (University of South Carolina, 2006)
Kelsey Hanrahan, MA (USC Anthropology, 2007)
Sarah McLane, MA (University of South Carolina, 2007)
Sara Yorty, MA (University of South Carolina, 2008)
Lisa Randle, MA (USC Anthropology, 2009)
Chris Van Dyke, MA (University of South Carolina, 2009)
Molly Flowers, MA (USC MEERM, 2009)
John Lauermann, MA (University of South Carolina, 2010)
Drew Cockram, MA (University of South Carolina, 2010)
Charlotte Mays, MS (Clark University Geography, 2016)
Alex Rezk, MA (Clark University IDCE, 2017)

OTHER TEACHING EXPERIENCE AND AWARDS

2002 Participant and Mentor, New Faculty Teaching Development Workshop, St. Louis University, Madrid Campus

2001 Outstanding Graduate Instructor, Department of Geography, University of Kentucky.

Fall 1999 TA Orientation Group Leader, Teaching and Learning Center, University of Kentucky.

SERVICE

University (Clark University)
Committee on Personnel, 2016-2018
Human Resources Director Search Committee, 2015-16
George Perkins Marsh Institute Steering Committee, 2015-19
New Earth Conversation Steering Committee, 2015-2017
Council on the Uncertain Human Future, 2015-16
Newman Association Advisor, 2016-

University (South Carolina)

Associate Director, Walker Institute for International and Area Studies, 2014-present
Director, Development Studies Working Group, Walker Institute for International and Area Studies, 2007-2010
Member, Advisory Board for the Walker Institute for International and Area Studies, 2006-2010
Awards Committee, Walker Institute for International and Area Studies, 2009-2010
Faculty Advisor, Campus Chapter of the United Nations Association Student Alliance, 2005

Departmental (Clark University)

Director, International Development, Community, and Environment Department, 2015-present
Environmental Science and Policy Search Committee (chair), 2015-16, 2016-17

Departmental (South Carolina)

Undergraduate advisor, 2003-2010, 2013-14
Graduate Admissions Committee, 2003-05, 2013-14. Chair 2004-05, 2014-15
Departmental Scribe, 2003-2005
Human Geography Search Committee, 2003-04
Biogeography Search Committee, 2004-05
GIScience Search Committee, 2006
Economic Geography Search Committee, 2013-14
Admission to Candidacy Exam Committee, 2006-08
Colloquium Series Coordinator, 2007-2008, 2012-13
Departmental Awards Committee, 2009-2010
Departmental Promotion/T&P/post-Tenure Review Revision Committee, 2012-2013

Disciplinary/Professional

Editorial Board, *Global Environmental Change*. 2013-present
Editorial Board, *World Development Perspectives*. 2018-present
Chair, Development Geographies Specialty Group of the AAG (formerly Developing Areas Specialty Group), 2009-2011
Vice-Chair, Developing Areas Specialty Group of the AAG, 2007-2009
Co-Director, Developing Areas Specialty Group of the AAG, 2005-2007
Program Committee Chairman, 2007 Pre-Conference of the Developing Areas Specialty Group of the AAG
South Carolina State Representative, Southeastern Division of the Association of American Geographers, 2006-2007
US Government Review Panel, *Special Report on Extreme Events: Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation* (SREX), IPCC Working Group II, 2011
Zero Order Draft Chapter Review, Intergovernmental Panel on Climate Change, 2011
Best Article Award Committee, *Southeastern Geographer*, 2008
Special editor, article for *Global Environmental Change*, 2014 (1)
Book proposal review for the Guilford Press, 2007
Textbook proposal review for Pearson, 2008
Textbook chapter reviews for Pearson, 2009, 2010
Textbook review for Oxford University Press, 2010, 2012, 2015
Book proposal review for Oxford University Press, 2015
Book proposal review for Sage, 2009

Expert Panel Review, International Partnerships for Sustainable Societies (IPaSS) competition (SSHRC/IDRC), 2013

Grant Proposal Review for the National Geographic Society, Committee for Research and Exploration, 2004, 2010

Grant Proposal Reviews for the National Science Foundation (GRS/GSS), 2007, 2008(2), 2009, 2012

Grant Proposal Review for the National Science Foundation (GSS/DDRI), 2012

Grant Proposal Review for the Social Sciences and Humanities Research Council of Canada, 2007

Grant Proposal Review for the Hong Kong Institute of Asia-Pacific Studies, Chinese University of Hong Kong, 2008

Draft Report Review, World Bank, 2010

External Tenure/Promotion File Reviews: 2012 (2), 2013 (1), 2016 (1), 2017 (2)

Article reviews for *Southeastern Geographer*, 2004, 2006

Article reviews for *Geoforum*, 2005, 2006, 2015, 2017 (2)

Article reviews for *Food Policy*, 2005, 2006, 2007 (2)

Article reviews for *Singapore Journal of Tropical Geography*, 2006 (2)

Article review for *The Geographical Journal*, 2006

Article review for *Geojournal*, 2006

Article reviews for *Geografiska Annaler B*, 2007 (2)

Article reviews for *The Professional Geographer*, 2007, 2009

Article review for *Mitigation and Adaptation Strategies for Global Change*, 2007

Article reviews for *Agriculture and Human Values*, 2007 (2)

Article review for *Geography Compass*, 2007

Article review for *African Geographical Review*, 2007

Article reviews for *Land Use Policy*, 2007 (2)

Article reviews for *Development in Practice*, 2008 (2)

Article review for *Climatic Change*, 2008, 2018

Article review for *Human Geography*, 2008

Article review for *Regional Environmental Change*, 2008

Article reviews for *World Development*, 2008, 2013, 2014

Article review for *ACME*, 2008

Article review for *Gender, Place and Culture*, 2009

Article review for *Economic Botany*, 2010

Article review for *Environment and Planning D: Society and Space*, 2011

Article reviews for *Annals of the Association of American Geographers*, 2011, 2013, 2017

Article reviews for *Global Environmental Change*, 2013 (2), 2015, 2016

Article reviews for *Journal of Humanitarian Logistics and Supply Chain Management*, 2014 (2)

Article review for *Applied Geography*, 2015

Article review for *Climate and Society*, 2016

Article review for *WIREs Climate Change*, 2016

Article review for *IDS Bulletin*, 2016

Article review for *Proceedings of the National Academy of Sciences*, 2016

Article review for *Nature Climate Change*, 2017

Article review for *Climate Risk Management*, 2017

Community

Board of Directors, Worcester Public Library, 2017-present

LANGUAGES

High speaking and reading proficiency in Spanish

Research knowledge of Fante (Akan)