

Lord K. Ameyaw, Ph.D

101F Forestry Hall University of Nebraska-Lincoln, Lincoln, Nebraska, 68583

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EDUCATION

- 2019 **Ph.D., Environmental and Forest Sciences**, University of Washington
Dissertation: Biodiversity, Carbon and Chocolate: Toward an Environmentally Friendly Cocoa Production System in Ghana
- 2013 **M.S., Rural Sociology**, Auburn University
Thesis: Investigating the Objectives of the New Owners of Alabama's Timberlands
- 2007 **B.S., Agricultural Technology**, Emphasis: Renewable Natural Resources, University for Development Studies, Tamale, Ghana

CURRENT POSITION

- 2020-Present **Lecturer**, School of Natural Resources, University of Nebraska-Lincoln
- 2019-present **National Technical Assistance Agroforester**, Nebraska Forest Service, University of Nebraska-Lincoln, Institute of Agriculture and Natural Resources, Natural Resources Conservation Service (NRCS) - United States Department of Agriculture (USDA)

TEACHING/MENTORING EXPERIENCE

University of Washington, School of Environmental and Forest Sciences

- 2019 **Instructor**, Natural Resource Measurements, Winter quarter (9 students)
- 2014 – 2019 **Leader**, Forest Resource 9-Week Summer Internships, Center for Sustainable Forestry at Pack Forest (~ 30 students)
- 2017 **Guest speaker**, Environmental Science and Resource Management, Fall quarter (130 students)

RESEARCH EXPERIENCE

- 2013-2018 **Research Assistant**, Center for Sustainable Forestry at Pack Forest, School of Environmental and Forest Sciences, University of Washington
- 2018 **Research Consultant**, Twin and Twin Trading Company in collaboration with Partnership for Forests (P4F), Royal Society for the Protection of Birds (RSPB), Society for the Conservation of Nature in Liberia (SCNL) - Cocoa Niche Market Development Feasibility Study – Liberia, West Africa
- 2011-2013 **Research Assistant**, Department of Agricultural Economics and Rural Sociology, Auburn University. "Millions of Acres, Billions of Trees: Social and Economic Impacts of Timberland Sales by the Forest Products Industry in Alabama"

2008-2010 **Assistant Research Officer**, Forestry Research Institute of Ghana. Towards Sustainable Indigenous Mahogany Timber Production in Ghana

GRANTS/FELLOWSHIPS

- 2019-2022 Developing agroforestry projects and demonstration sites with state and Federal partners. Natural Resources Conservation Service – United States Department of Agriculture, Nebraska Forest Service – University of Nebraska-Lincoln. PI: **Lord Ameyaw**. \$86,540
- 2017 Graduate School Fund for Excellence and Innovation (GSFEI). \$500
- 2017 Director’s Fund: School of Environmental and Forest Sciences (SEFS), University of Washington. \$500
- 2016 Field tools for a comprehensive analysis of forest stand spatial and canopy structure, and gas exchange: Integrating silviculture with provision of ecosystem services. Student Technology Funds. School of Environmental and Forest Sciences, University of Washington. PI: **Lord Ameyaw**; Co-PI: Emilio Vilanova, Wendy Star, Harry Edmon. \$103,004 (Not Funded)
- 2010 Freezailah Fellowship – Farm Forestry: A Viable Option to Poverty Alleviation and Climate Change Amelioration in Ghana, International Tropical Timber Organization (ITTO). \$3,200

PUBLICATIONS

Peer-reviewed

- 2020 Smith, M. S., Bentrup, G., Kellerman, T., MacFarland, K., Straight, R., **Ameyaw, L. K.** Windbreak utilization in the U.S.: A systematic review of producer-reported benefits, challenges, management activities and drivers of adoption. *Agricultural Systems* (Submitted)
- 2018 **Ameyaw, L.K.**, Gregory J. E., Kristy, L., Gilbert, A. Cocoa and Climate Change: Insights from smallholder cocoa producers in Ghana regarding challenges in implementing REDD+ climate mitigation and adaptation strategies. *Forests*, 9(12), 216-235. DOI: 10.3390/f9120742
- 2018 Andrew, G., Conner, B., **Ameyaw, L.K.** Millions of Acres, Billions of Trees: Socioecological Impacts of Shifting Timberland Ownership. *Rural Sociology*, 83(4), 799-822. DOI: 10.1111/ruso.12210

Extension/Technical Reports

- 2014 **Ameyaw, L.K.**, Andrew, G., Becky, B. (2014). Meet the Neighbors: Understanding who owns Alabama’s woodlands. Alabama Cooperative Extension System. <https://ssl.acesag.auburn.edu/pubs/docs/F/FOR-2006/FOR-2006-archive.pdf>
- 2010 Opuni-Frimpong, E., Obiri, B.D., Owusu, S., **Ameyaw, L.K.**, Ebanyenle, E., Cobbinah, J.R., Storer, A. Towards sustainable timber production in Ghana: Stage 1. Improving shoot borer resistance and developing silvicultural systems to maximize mahogany plantation success. Technical Report, ITTO Project PD 105/01 Rev.3

http://www.itto.int/files/itto_project_db_input/2395/Technical/PD105-01F_Final-Technical-Report.pdf

PRESENTATIONS

- 2020 Ameyaw, K., Onumah, C. T., **Ameyaw, L. K.**, Asare, E., Nsiah, S. Indigenous agroforestry knowledge application in restoring degraded forest landscapes in sub-Saharan Africa. Poster presentation. International Society of Tropical Foresters Conference. January 30 – February 1. New Haven, Connecticut. Accepted.
- 2020 **Ameyaw, L. K.** Current status of agroforestry and pathways for practical implementation: from the United States to Nebraska. Oral presentation Nebraska Association of Resource Districts Conference. January 28 – 29. Lincoln, Nebraska. Invited.
- 2017 **Ameyaw, L.K.** Carbon, Chocolate and Biodiversity: Toward an environmentally friendly cocoa production system in Ghana. Poster presentation. International Union of Forest Research Organizations 125th Anniversary Congress. September 18 – 22. Freiburg, Germany. Accepted.
- 2014 **Ameyaw, L. K.**, Weir, E., Petri, D., Ettl, G. Assessing cultural ecosystem services and their association with other ecosystem services in a research forest in the western Cascade Mountains of Washington, USA. Poster presentation. International Union of Forest Research Organization's (IUFRO) World Congress. October 5-11. Salt Lake City, UT. Accepted.
- 2014 Ameyaw, K., Enu-Kwesi, L., Yeboah, D. **Ameyaw, L K.** Traditional conservation practices and plant biodiversity potential of sacred groves in Ghana. Poster. International Union of Forest Research Organization's (IUFRO) World Congress. October 5-11. Salt Lake City, UT. Accepted.
- 2010 **Ameyaw, L.K.**, Obiri, B.D., Opuni-Frimpong, E., Acheampong, E. Farm Forestry: a viable option to poverty alleviation and climate change amelioration in Ghana. Presentation. International Union of Forest Research Organization's (IUFRO) World Congress. August 23-28. Seoul, Republic of Korea. Accepted.
- 2010 Opuni-Frimpong, E., Owusu, S. A., **Ameyaw L. K.**, Storer, A. J. Integrated approach to restore African mahogany in Ghana's forest estate. Presentation. International Union of Forest Research Organization's (IUFRO) World Congress August 23-28. Seoul, Republic of Korea. Accepted.
- 2010 Opuni-Frimpong, E., Owusu, S.A., **Ameyaw, L. K.** Amoah, F.S., Bamfo, R. Small-scale community-based reforestation CDM project in the degraded Pamu Berekum Forest Reserve in Ghana. Presentation. International Union of Forest Research Organization's (IUFRO) World Congress. August 23-28. Seoul, Republic of Korea. Accepted.

PROFESSIONAL EXPERIENCE

- 2017-2019 **Forest Ecologist**, Cedar River Watershed, Seattle Public Utilities, Seattle, WA
2016 **Crew Member, Fire and Environmental Research Applications Team**, Washington State Department of Natural Resources (DNR) and the University of Washington, Pacific Wildland Fire Sciences Laboratory, Seattle, WA

2016 **Assistant Forester**, Center for Sustainable Forestry at Pack Forest, Eatonville, WA
2010-2011 **Assistant District Manager**, Forestry Commission, Ghana
2007-2008 **National Service Personnel**. Forestry Research Institute of Ghana

AWARDS

2013-2017 Corkery Family Chair Research Assistantship, University of Washington
2013-2017 Pack Forest Research Assistantship for graduate study, University of Washington
2011-2013 Research Assistantship, Alabama Agricultural Experiment Station, and the United States Department of Agriculture (USDA) on the “Millions of Acres, Billions of Trees” project

SERVICE TO THE UNIVERSITY

University of Nebraska-Lincoln: Nebraska Forest Service, Institute of Agriculture and Natural Resources

2020 **Search committee member** (Forester position)
2019 **Search committee member** (Forester position)
2019 **Search committee member** (GIS Specialist position)

SERVICE TO THE COMMUNITY AND PROFESSION

2020 **NRCS Representative.** Inter-agency Agroforestry Team – USDA
2020 **Reviewer.** Environmental Research Letters
2020 **Reviewer.** Supporting Smallholder Farmers for a Sustainable Cocoa Sector: Exploring the Motivations and Role of Farmers in the Effective Implementation of Supply Chain Sustainability in Ghana and Côte d’Ivoire. A research report by Meridian Institute, Washington, DC
2019-present **Reviewer.** Journal of Agriculture and Ecology Research International

PROFESSIONAL MEMBERSHIP

2018- present Member, Society of American Foresters
2014- present Member, Ghana Institute of Foresters
2013-2016 Vice President (Education), International Forestry Students Association, University of Washington Chapter
2012-2013 Vice President, African Students Association, Auburn University
2012-2013 Member, Rural Sociological Society
2005-2006 Financial Secretary, Renewable Natural Resources Students Association, University for Development Studies Chapter