**M. Grace Ellis**

Department of Anthropology and Geography

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**EDUCATION**

Present Ph.D. in Anthropology, Colorado State University, CO, expected May 2025.

2019 M.A. in Anthropology, University of Louisville, KY.

2013 B.A. in Anthropology, University of Louisville, KY (Lambda Alpha, Cum Laude) Minor in History.

**PUBLICATIONS**

**Edited Volumes**

2024 Ellis, M. Grace,Carly DeSanto, and Meghan Howey (Eds.). *Framing Society in the Past: Infrastructure in Archaeological Discourse*.Routledge, London. https://doi.org/10.4324/9781032678450

**Refereed Journal Articles**

2023 Ellis, M. Grace, Anna T. Browne Ribeiro, Michel Carvalho, and Christopher T. Fisher. A Port by Any Other Name: A Preliminary Spatial Analysis of Ancient Infrastructural Landscapes and Settlement Organization at Macurany, Brazil. *Latin American Antiquity*. https://doi.org/10.1017/laq.2023.6.

2022 Fisher, Christopher, Stephen Leisz, Damian Evans, Diana H. Wall, Kathleen Galvin, Melinda Laituri, Geoffrey Henebry, James Zeidler, Juan Carlos Fernandez-Diaz, Shrideep Pallickara, Sangmi Pallickara, Thomas Garrison, Francisco Estrada-Belli, Eduardo Neves, Kathryn Reese-Taylor, Rachel Opitz, Thomas Lovejoy, William Sarni, Rodrigo Solinis, Grace Ellis, Milena Carvalho, Cheryl White, Louisa Daggars, Rafael Angel Gasson-Pacheco, Aldo Bolanos, Vern Scarborough. Creating an Earth Archive. *Proceedings of the National Academy of Sciences*, 119(11).

2022 Carvalho, M., Jones, E.L., Ellis, M. G., Cascalheira, J., Bicho, N., Meiggs, D., Benedetti, M., Friedl, L. and Haws, J. Neanderthal paleoecology in the late Middle Paleolithic of western Iberia: a stable isotope analysis of ungulate teeth from Lapa do Picareiro (Portugal). *Journal of Quaternary Science,* 37(2).

2021 Haws, Jonathan A. Michael M. Benedetti, Nuno F. Bicho, João Cascalheira, M. Grace Ellis, Milena M. Carvalho, Lukas Friedl, Telmo Pereira, and Sahra Talamo. The early Aurignacian at Lapa do Picareiro really is that old: A comment on ‘The late persistence of the Middle Paleolithic and Neandertals in Iberia: A review of the evidence for and against the ‘Ebro Frontier’ model. *Quaternary Science Reviews*, 274.

2021 Haws, Jonathan, Michael Benedetti, Milena Carvalho, Grace Ellis, Telmo Pereira, João Cascalheira, Nuno Bicho, Lukas Friedl. Human adaptive responses to climate and environmental change during the Gravettian of Lapa do Picareiro (Portugal). *Quaternary International*, 587-588:4-18.

2020  Haws, Jonathan A., Michael M. Benedetti, Sahra Talamo, Nuno Bicho, João Cascalheira, M. Grace Ellis, Milena M. Carvalho, Lukas Friedl, Telmo Pereira, and Brandon K. Zinsious. The early Aurignacian dispersal of modern humans into westernmost Eurasia. *Proceedings of the National Academy of Sciences*, 117(41).

2019 Kolarik, N., M. G. Ellis, A. E. Gaughan and F. R. Stevens. Seasonal Differences in Tree Crown Delineation Using Multispectral UAS Data and Structure from Motion. *Remote Sensing Letters,* 10(9).

**Book Chapters**

2024 Ellis, M. Grace, Christopher T. Fisher, Anna T. Browne Ribeiro. “Infrastructure and Interconnectivity in Amazonia.” In *Framing Society in the Past: Infrastructure in Archaeological Discourse*, edited by M. Grace Ellis, Carly DeSanto, and Meghan Howey. Routledge, London.

2024 Ellis, M. Grace, Carly DeSanto, and Meghan Howey. “New Perspectives on Material Infrastructure: Emerging Ideas within Archaeological Discourse. In *Framing Society in the Past: Infrastructure in Archaeological Discourse*, edited by M. Grace Ellis, Carly DeSanto, and Meghan Howey. Routledge, London.

2019 Haws, Jonathan, Michael Benedetti, João Cascalheira, Nuno Bicho, Milena Carvalho, Brandon Zinsious, Grace Ellis, and Lukas Friedl. “Human occupation during the Late Pleniglacial at Lapa do Picareiro (Portugal).” In *Human Adaptations to the Last Glacial Maximum: The Solutrean and its Neighbors*, edited by Isabell Schmidt, João Cascalheira, Nuno Bicho, and Gerd-Christian Weniger. Cambridge Scholars Publishing, Newcastle upon Tyne.

**HONORS AND AWARDS**

2021 Winslow Lectureship Series Honorarium,Hamilton College, NY.

2019 Department of Anthropology’s Outstanding Graduate,University of Louisville, KY.

2013 Dean’s Scholar,University of Louisville, KY.

**GRANTS AND FELLOWSHIPS**

2022 Anthropology Graduate Student Research Award, Department of Anthropology and Geography, Colorado State University, CO.

2021 Anthropology Graduate Student Research Award, Department of Anthropology and Geography, Colorado State University, CO.

2019 Frederic H. Hicks International Student Travel Award, Department of Anthropology, University of Louisville, KY.

2018 Graduate Student Research Fund, Graduate Network in Arts and Sciences, University of Louisville, KY.

2018 Frederic H. Hicks International Student Travel Award, Department of Anthropology, University of Louisville, KY.

2017 Frederic H. Hicks International Student Travel Award, Department of Anthropology, University of Louisville, KY.

2012 Frederic H. Hicks International Student Travel Award, Department of Anthropology, University of Louisville, KY.

2012 Richard and Constance Lewis Scholar, University of Louisville, KY.

**INVITED TALKS**

2021 Archaeology and Infrastructure: Methodological Techniques for Documenting and Analyzing Infrastructure in the Archaeological Record, Department of Anthropology, Hamilton College, NY (May 7).

 **CONFERENCE PARTICIPATION**

**Conferences Organized**

2021 Framing Society in the Past: Infrastructure in Archaeological Discourse, Winslow Lectureship Series in Archaeology Workshop, Hamilton College, NY (April 10 - 11).

**Papers Presented**

2021 Earth Archive Scan Project: Introduction to Areas of Interest, Earth Archive Congress, virtual conference (June 15 - 16).

2021 Infrastructure and Interconnectivity in pre-Columbian Amazonia, Winslow Lectureship Series in Archaeology Workshop, Hamilton College, NY (April 10 - 11).

2019 Anthropogenic Landscapes of Amazonia: A spatial analysis of landscape modification and settlement organization at Macurany, Brazil, 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM (Apr 11 - 14).

2018 Geospatial Analysis in Amazonia, Archaeological Institute of America’s Spotlight on Archaeology, University of Louisville, KY (March 22).

**Posters Presented**

2019 Anthropogenic Landscapes of Ancient Amazonia, Graduate Student Showcase, Colorado State University, CO (Nov 12).

2018 Ancient Landscapes of Amazonia: A study of pre-colonial processes and contemporary use at Macurany, Brazil, 83rd Annual Meeting of the Society for America Archaeology, Washington DC (April 11- 15).

2017 Food Deserts in Louisville, KY, Graduate Student Council Research Conference, University of Louisville, KY (March 25).

**Discussant**

2021 Amazon Country Reports: Bolivia, Peru, and Colombia, The Earth Archive Congress, virtual conference (June 15 - 16).

**TEACHING EXPERIENCE**

**Colorado State University**

2024 Adjunct Professor, Introduction to Archaeology, Department of Anthropology and Geography (Spring).

2023 Graduate Teaching Assistant, Introduction to Archaeology, Department of Anthropology and Geography (Fall).

2022-2023 Adjunct Professor, Introduction to Archaeology, Department of Anthropology and Geography (Fall/Spring).

2022 Graduate Teaching Assistant, Mapping, Cartography, and Spatial Thinking, Department of Anthropology and Geography (Spring).

2021 Graduate Teaching Assistant, Introduction to Archaeology, Department of Anthropology and Geography (Fall).

2021 Graduate Teaching Assistant, Political Geography, Department of Anthropology and Geography (Spring).

2020 Graduate Teaching Assistant, Cultures and the Global System, Department of Anthropology and Geography (Fall).

2020 Graduate Teaching Assistant, Spatial Analysis with GIS, Department of Anthropology and Geography (Spring).

2019 Graduate Teaching Assistant, History of Theory – Anthropology and Geography, Department of Anthropology and Geography (Fall).

**University of Louisville**

2018-2019 Graduate Teaching Assistant, Principles of Archaeology, Department of Anthropology (Fall/Spring).

2018 Graduate Teaching Assistant, Rise of Civilization, Department of Anthropology (Spring).

2017-2018 Graduate Teaching Assistant, Introduction to Archaeology, Department of Anthropology (Fall/Spring).

**RESEARCH EXPERIENCE**

**Graduate Student Researcher**

2021 Portuguese Studies Program, Estremadura region, Portugal. Surveyed region for evidence of Paleolithic human occupations and conducted photogrammetry and aerial photography at the cave site, Lapa do Picareiro (July).

2020-Present Interdisciplinary Center for Archaeology and Evolution of Human Behavior, Faro, Portugal. Manage and analyze geospatial data from Lapa do Picareiro to understand site formation processes and human use of caves during the Middle to Upper Paleolithic.

2020-2022 The Earth Archive, Fort Collins, CO. Facilitated communication between regional coordinators and the Earth Archive team, helped manage and select areas of interest for lidar scans, and assisted with fundraising.

2020 Center for Archaeology and Remote Sensing, Colorado State University, CO. Developed protocol for storing large point cloud datasets and organized lidar data collected at the archaeological site, Angámuco, Mexico (Spring/Fall).

2019 Inquiry into the Origins of Modern Human Distributions, Lapa do Picareiro, Portugal. Oversaw geospatial data collection, developed and wrote total station field manual, and trained students in excavation, geospatial data collection, artifact cleaning, and survey (June-July).

2018 Change and Adaptation in Southern Africa: Climate and Land Systems Dynamics of the Kavango-Zambezi Transfrontier Conservation Area, Tom “EP” Sawyer Park, KY. Gathered field data and compared seasonal differences in tree crown delineation and identification of woody individuals using UAS derived multispectral point clouds (July).

2018 Inquiry into the Origins of Modern Human Distributions, Lapa do Picareiro, Portugal. Oversaw geospatial data collection, developed and wrote archaeological field school manual, and trained students in excavation, geospatial data collection, artifact cleaning, and survey (June-July).

2017 Projeto Tupinambarana, Parintins, Brazil. Collected topographic data and mapped distribution of historical and ancient features at the archaeological port, Macurany (June-July).

2016 Inquiry into the Origins of Modern Human Distributions, Lapa do Picareiro, Portugal. Assisted in gathering geospatial data and participated in excavation, artifact cleaning, and general survey (June-July).

2015 Inquiry into the Origins of Modern Human Distributions, Lapa do Picareiro, Portugal. Assisted in gathering geospatial data and participated in excavation, artifact cleaning, and general survey (June-July).

**Research Assistantships**

2017-2018 Inquiry into the Origins of Modern Human Distributions, University of Louisville, KY. Processed and analyzed geospatial data and produced maps of Lapa do Picareiro (Fall/Spring).

2017-2018 Human Responses to late Pleistocene Environmental Change in the Coastal Zone of Portuguese Estremadura, University of Louisville, KY. Processed and analyzed geospatial data and produced maps of two Paleolithic sites in Portugal (Fall/Spring).

**SERVICE**

**Reviewer**

2023 *Furthering Perspectives: Anthropological Views on the World*, Anthropology Graduate Student Society, Colorado State University, CO.

**Panelist**

2021 The Path to Postgrad, Anthropology Department Peer Mentors, University of Louisville, KY.

**Graduate Student Organization Positions**

2020-2021 Secretary, Anthropology Graduate Student Society, Colorado State University, CO.

2018-2019 Vice President,Anthropology Graduate Student Association, University of Louisville, KY.

2017-2018 Secretary,Anthropology Graduate Student Association, University of Louisville, KY.

**COMMUNITY OUTREACH**

**K-12 Student Outreach**

2018 Atkinson Academy Archaeology Field Day, Department of Anthropology at the University of Louisville and the Portland Museum, Louisville, KY.

2017 Parintins community site visit and educational tour of Macurany**,** ProjetoTupinambarana, Parintins, Brazil.

**Volunteer**

2022 The Gardens on Spring Creek, Fort Collins, CO.

2016-2019 Annual Speed Ball, Speed Art Museum, Louisville, KY.

**MEDIA COVERAGE**

**TV Episode**

2020 Nasser, Latif (Writer) and LaPenne, Arianna (Director). Poop (Season 1, Episode 2), In Christopher Collins, Lydia Tengalia, Erik Osterholm, Latif Nasser, and Devid Mettler (Executive producers), *Connected: The Hidden Science of Everything*. Zero Point Zero Production.

**Department News**

2020 Zaffos, Josh. Modern humans reached westernmost Europe 5,000 years earlier than previously known. Anthropology and Geography Department, Colorado State University, CO. <https://anthgr.colostate.edu/2020/09/modern-humans-reached-westernmost-europe-5000-years-earlier-than-previously-known/>

**RELATED PROFESSIONAL SKILLS**

**Pedagogical Workshops**

2020 Handling Hot Moments in Online Classrooms, Colorado State University, CO.

2020 Inclusive Classroom Strategies for Graduate Teaching Instructors, Colorado State University, CO.

**Certifications**

2018 Surfer, Core Features II.

2018 Voxler, Core Features Training.

2017 ESRI, Network Analysis Using ArcGIS.

2017 ESRI, Building Models for GIS Analysis Using ArcGIS.

**Study Abroad**

2012 International Studies Abroad, Universidad de Salamanca ISA, Cusco, Peru.

**LANGUAGES**

Spanish: Beginner.

Portuguese: Beginner.

**PROFESSIONAL MEMBERSHIPS**

2020-2022 Archaeological Institute of America.

2019-Present Graduate Women in Science, Northern Colorado Chapter.

2019-Present Anthropology Graduate Student Society, Colorado State University, CO.

2016-Present Society for American Archaeology.

2016-2019 Anthropology Graduate Student Association, University of Louisville, KY.

2011-2013 Anthropology Student Association, University of Louisville, KY.

2009-2013 Spanish Club, University of Louisville, KY.

**REFERNECES**

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