

**M. Grace Ellis**

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**Education**

- 2019 – Present **Ph.D.** in Anthropology, Colorado State University, CO, expected May 2022.
- 2016 – 2019 **M.A.** in Anthropology, University of Louisville, KY.
- 2009 – 2013 **B.A.** in Anthropology, University of Louisville, KY (Lambda Alpha, Cum Laude) Minor, History.

**Honors and Awards**

- 2019 **Department of Anthropology’s Outstanding Graduate**, University of Louisville, KY.
- 2013 **Dean’s Scholar**, University of Louisville, KY (Spring).

**Research Experience**

- 2020 – Present **Graduate Student Researcher**, Interdisciplinary Center for Archaeology and Evolution of Human Behavior (Dr. Nuno Bicho), Faro, Portugal. Process and analyze all of the three-dimensional geospatial data from the Middle Paleolithic cave site, Lapa do Picareiro, to understand formation processes and human use of caves.
- 2020 **LiDAR Data Manager**, Center for Archaeology and Remote Sensing (Dr. Chris Fisher), Fort Collins, Colorado (3 months). Developed protocol for storing large point cloud datasets and organized all LiDAR data collected at the archaeological site, Angámuco, Mexico, from 2010 and 2015.
- 2019 **Student Instructor**, Inquiry into the Origins of Modern Human Distributions (Dr. Jonathan Haws), Lapa do Picareiro, Portugal (5 weeks). Oversaw daily operations of the total station, developed and wrote a total station field manual, trained students on total station, and aided and trained students in excavation, data collection, artifact cleaning and survey.
- 2018 **GIS and Remote Sensing Lab Technician**, Change and Adaptation in Southern Africa: Climate and Land Systems Dynamics of the Kavango-Zambezi Transfrontier Conservation Area (Dr. Andrea Gaughan), Tom “EP” Sawyer Park, Kentucky (6 weeks). Gathered field data and compared seasonal differences in tree crown delineation using UAS derived multispectral point clouds.

- 2018 **Student Instructor**, Inquiry into the Origins of Modern Human Distributions (Dr. Jonathan Haws), Lapa do Picareiro, Portugal (5 weeks). Oversaw daily operations of the total station, trained students on total station, developed and wrote a field manual, and aided and trained students in excavation, data collection, artifact cleaning and survey.
- 2017 – 2018 **Research Assistant**, Inquiry into the Origins of Modern Human Distributions (Dr. Jonathan Haws), University of Louisville (12 months). Processed and analyzed point cloud data and produced maps of Lapa do Picareiro.
- 2017 – 2018 **Research Assistant**, Human Responses to late Pleistocene Environmental Change in the Coastal Zone of Portuguese Estremadura (Dr. Jonathan Haws), University of Louisville (3 months). Processed and analyzed point cloud data and produced maps of two sites in Portugal.
- 2017 **Field Technician**, Projeto Tupinambarana (Dr. Anna Browne Ribeiro), Parintins, Brazil (3 weeks). Collected topographic data of riverine ports and mapped the depth and distribution of terra preta at the Macurany site.
- 2016 **Field Technician**, Inquiry into the Origins of Modern Human Distributions (Dr. Jonathan Haws), Lapa do Picareiro, Portugal (4 weeks). Assisted in managing the total station and aided in excavation, cleaning artifacts, and general survey.
- 2015 **Field Technician**, Inquiry into the Origins of Modern Human Distributions (Dr. Jonathan Haws), Lapa do Picareiro, Portugal (6 weeks). Trained in total station operations and methods of excavation, cleaning artifacts, cataloguing artifacts, and general survey.

## **Publications**

- 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).
- 2020 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*, August.
- 2020 **Ellis, Grace**. “Cultural Forests of Amazonia: A Historical Ecological Analysis of Forest Management in Amazonia.” *Furthering Perspectives*, 9.
- 2019 Haws, J. A., M. M. Benedetti, J. M. Cascalheira, N. F. Bicho, M. C. Carvalho, B. K. Zinsious, **M. G. Ellis** and L. 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. Newcastle upon Tyne: Cambridge Scholars Publishing.
- 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).

## Conference Participation

- 2019 **Ellis, M. G.** Anthropogenic Landscapes of Ancient Amazonia. Poster Presented at Colorado State University's Graduate Student Showcase, Fort Collins, Colorado. (Nov 12).
- 2019 **Ellis, M. G.** Anthropogenic Landscapes of Amazonia: A spatial analysis of landscape modification and settlement organization at Macurany, Brazil. Paper presented at the Annual Meeting of the Society for American Archaeology, Albuquerque, New Mexico. (Apr 11-14).
- 2018 **Ellis, M. G.,** A. Browne Ribeiro, F. Stampanoni, and M. Carvalho. Ancient Landscapes of Amazonia: A study of pre-colonial processes and contemporary use at Macurany, Brazil. Poster presented at the Annual Meeting of the SAA, Washington D.C. (April 11-15).
- 2017 **Ellis, M. G.** Food Deserts in Louisville, KY. Poster presented at the Graduate Student Council Research Conference, Louisville, KY. (March 25).

## Grants

- 2019 **Frederic H. Hicks International Student Travel Award**, Department of Anthropology, University of Louisville, research presentation at the 84<sup>th</sup> Annual Meeting for the SAA.
- 2018 **Graduate Student Research Fund**, Graduate Network in Arts and Sciences, University of Louisville, research presentation at the 83<sup>rd</sup> Annual Meeting for the SAA.
- 2018 **Frederic H. Hicks International Student Travel Award**, Department of Anthropology, University of Louisville, research presentation at the 83<sup>rd</sup> Annual Meeting for the SAA.
- 2017 **Frederic H. Hicks International Student Travel Award**, Department of Anthropology, University of Louisville, conference attendance.
- 2012 **Frederic H. Hicks International Student Travel Award**, Department of Anthropology, University of Louisville, study abroad in Cusco, Peru.
- 2012 **Richard and Constance Lewis Scholar**, University of Louisville, study abroad in Cusco, Peru.

## Teaching Experience

- 2020 **Teaching Assistant**, Cultures and the Global System, Department of Anthropology and Geography, Colorado State University, Fall.

- 2020 **Teaching Assistant**, Spatial Analysis with GIS, Department of Anthropology and Geography, Colorado State University, Spring.
- 2019 **Teaching Assistant**, History of Theory – Anthropology and Geography, Department of Anthropology and Geography, Colorado State University, Fall.
- 2019 **Teaching Assistant**, Principles of Archaeology, Department of Anthropology, University of Louisville, Spring.
- 2018 **Teaching Assistant**, Principles of Archaeology, Department of Anthropology, University of Louisville, Fall.
- 2018 **Guest Lecturer**, “Formation Processes,” Principles of Archaeology, Department of Anthropology, University of Louisville, Fall.
- 2018 **Teaching Assistant**, Introduction to Archaeology, Department of Anthropology, University of Louisville, Spring.
- 2018 **Teaching Assistant**, Rise of Civilization, Department of Anthropology, University of Louisville, Spring.
- 2018 **Guest Lecturer**, “Archaeology in Action,” Introduction to Archaeology, Department of Anthropology, University of Louisville, Spring.
- 2017 **Teaching Assistant**, Introduction to Archaeology, Department of Anthropology, University of Louisville, Fall.
- 2017 **Guest Lecturer**, “Archaeological Survey,” Introduction to Archaeology, Department of Anthropology, University of Louisville, Fall.

### **Service and Outreach**

- 2020 - Present **Secretary**, Anthropology Graduate Student Society, Colorado State University.
- 2018 - 2019 **Vice President**, Anthropology Graduate Student Association, University of Louisville.
- 2019 **Volunteer**, Annual Speed Ball, Speed Art Museum, Louisville, KY. (March 2).
- 2018 **Outreach to K-12 students**, Atkinson Academy, Department of Anthropology at the University of Louisville and the Portland Museum, Louisville, KY. (May 11).
- 2018 **Guest Speaker**, “Geospatial Analysis in Amazonia,” Archaeological Institute of America’s Spotlight on Archaeology, University of Louisville. (March 22).
- 2018 **Volunteer**, Annual Speed Ball, Speed Art Museum, Louisville, KY. (March 3).
- 2018 **Secretary**, Anthropology Graduate Student Association, University of Louisville.
- 2017 **Outreach to K-12 students**, Macurany Community, Parintins, Brazil. (July 3).
- 2017 **Volunteer**, Annual Speed Gala, Speed Art Museum, Louisville, KY. (March 4).
- 2016 **Volunteer**, Speed Opening Gala, Speed Art Museum, Louisville, KY. (March 5).

### **Professional Development**

- 2020            **Pedagogical Workshop**, Handling Hot Moments in Online Classrooms, Colorado State University. (October 28).
- 2020            **Pedagogical Workshop**, Inclusive Classroom Strategies for Graduate Teaching Instructors, Colorado State University. (January 17).
- 2018            **Surfer Certification**, Core Features II. (December 12).
- 2018            **Voxler Certification**, Core Features Training. (August 8).
- 2017            **ESRI Certification**, Network Analysis Using ArcGIS. (April 5).
- 2017            **ESRI Certification**, Building Models for GIS Analysis Using ArcGIS. (March 1).
- 2012            **International Studies Abroad**, Universidad de Salamanca ISA, Cusco, Peru. (5 weeks).

**Institutional Affiliations**

- 2020 – Present    **Member**, Archaeological Institute of America.
- 2019 – Present    **Member**, Anthropology Graduate Student Society, Colorado State University.
- 2016 – Present    **Member**, Society for American Archaeology.
- 2016 – 2019      **Member**, Anthropology Graduate Student Association, University of Louisville.
- 2011 – 2013      **Member**, Anthropology Student Association, University of Louisville.
- 2009 – 2013      **Member**, Spanish Club, University of Louisville.

**Languages**

Spanish: Intermediate.  
 Portuguese: Beginner.