

Kaitlyn Anderson

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EDUCATION

University of Florida (UF), Gainesville, FL

Master's of Science in Geography

Certificate in Tropical Conservation & Development

August 2025

Spring 2025

University of Richmond (UR), Richmond, VA

Bachelor of Arts in Geography and Anthropology

Magna Cum Laude

Departmental Honors in Anthropology

May 2023

RESEARCH INTERESTS

- GIScience and GISystems
- Remote-Sensing
- Land Cover Change
- Environmental Policy
- Socio-Environmental Systems
- Conservation

WORK EXPERIENCE

Graduate Teaching Assistant, *UF*, Department of Geography August 2024 – Present

- Support faculty in facilitating class activities
- Assist students during class and through email
- Grade short answer assignments, essays, and presentations

Student Trainee (Physical Science), *EPA Headquarters* June 2024 – August 2024

- Conducted QAQC on GIS models
- Consulted on cartography and model improvements
- Contributed to policy analysis for meetings with Minnesota state, Tribal, and EPA representatives

INTERNSHIPS

Scholar Intern, *American Geographical Society* Fall 2022 – Fall 2023

- Promoted geographic knowledge through article writing and social media
- Conducted cluster analysis on participant geographic demographics
- Created heat maps of geographic location of current participants for board trustees
- Visualized analysis of geographic demographics in an interactive map format to be displayed on the company website

Spatial Analysis Lab Intern, *UR*, Department of Geography, the Environment & Sustainability Fall 2022 – Spring 2023

- Aided through helpdesk activities: students and instructors on GIS based coursework, labs, and projects
- Provided technical assistance and consultation to students, faculty, and staff
- Research spatial data science-based project projects
- Created departmental promotional material and led the redesign of the physical lab space

RESEARCH ASSISTANTSHIPS

Graduate Research Assistant, UF, Department of Geography Fall 2023-Spring 2024

- Collaborated with the UF Center for Latin American Studies on a DISES project: *Resilient Socio-Environmental Systems: Indigenous Territories in the Face of Change*
- Analyzed hunting data surveys from indigenous collaborators
- Developed methodology to conduct geographic analysis with survey data

NASA Research Assistant, UR, Department of Geography, the Environment & Sustainability Spring 2021-Spring 2022

- Cross-analyzed deforestation and fire temporal datasets in the Southwestern Amazon
- Developed layer of new roads to be compiled with the existing roads data set
- Analyzed impact of road development on watersheds and deforestation
- Collaborated with other research assistants and post-bacc Scott LaRocca on dashboard development and compilation of research data

RESEARCH PRESENTATIONS

Research Poster Presentation, Norfolk, VA November 2023

- *Rolling the Dice: An Evolution of Digital Landscapes and Culture*. Kaitlyn M. Anderson
- Geographics analysis of the development of digital landscapes with an ethnographic case study utilizing *Dungeons & Dragons*
- Presented at the Southeast Division of the American Association of Geographers' Honors Poster Presentation

Research Poster Presentation, Richmond, VA April 2023

- *Los Defensores de la Amazonía: A Comparison of Forest Conditions and Ecosystem Service Indicators In and Around 16 Indigenous Territories in Ucayali and Acre, Southwestern Amazonia*. Kaitlyn M. Anderson, David Seward Salisbury, Yunuen Reygadas, Stephanie Spera, Scott LaRocca
- Visualizations and analysis of 16 indigenous territories from 2003-2021 on deforestation and degradation in the Southwestern Amazon
- Presented at the A&S 37th Annual Symposium

Research Poster Presentation, Tucson, AZ January 2023

- *Los Defensores de la Amazonía: A comparison in the forest conditions and ecosystem service indicators within remote Indigenous territories of the Southwestern Amazon*. Kaitlyn M. Anderson, David Seward Salisbury, Yunuen Reygadas, Stephanie Spera, Scott LaRocca
- Visualizations and analyses of 14 indigenous territories in Ucayali, Peru and Acre, Brazil with specific case studies on two communities
- Presented at the Conference of Latin American Geography's Poster Session

Research Presentation, Richmond, Virginia December 2022

- *Spatial Analyses of the Universities of Richmond's Alumni Base*. A professional presentation to the University of Richmond's Alumni Relations Office.
- Visualizations and analyses of the spatial distributions and patterns of UR Alumni
- Presented at the University of Richmond

Research Poster Presentation, New York, NY February 2022

- *Carbon Sink to Carbon Source: Fires, Deforestation, and Carbon Storage in the Southwestern Amazon*. Kaitlyn Anderson. Dr. Stephanie Spera, Dr. David S. Salisbury

- Presented remotely at the American Association of Geography Annual Conference

College of Arts and Sciences Summer Research Fellow, UR Summer 2021

- Supervisors: Dr David S. Salisbury and Dr. Stephanie Spera
- Created poster *Carbon Sink to Carbon Source: Fires, Deforestation, and Carbon Storage in the Southwestern Amazon*
- Conducted raster analysis of land change usage from 2010-2020
- Calculated the estimated above ground carbon lost from 2010-2020
- Analyzed fire frequency in comparison to loss of existing forest for 2019 and 2020

INDEPENDENT RESEARCH

Undergraduate Honors Research, UR, Department of Sociology & Anthropology 2022-23

- Worked with Dr. Jan French on ethnographic research surrounding the game of *Dungeons & Dragons*
- Conducted ethnographic research through participant observation, active participation, and formal interviews
- Analyzed pre-existing anthropological, psychological, and sociological theory and creating own anthropological theory based on personal field work
- Project published (non-refereed) by the Boatwright Memorial Library in April 2023

Undergraduate Independent Study, UR, Department of Geography, the Environment & Sustainability Spring 2023

- Worked with Dr. Mary Finley-Brook on the analysis of the green death movement in the funeral industry using an environmental science framework
- Analyzed existing academic and legal documentation of funeral and post-mortem practices
- Researched current criteria of “green burial” and existing locations within the United States
- Wrote an article discussing past, present, and future of the funeral industry and its impacts on the environment

Undergraduate Independent Study, SIT, Cusco, Peru Spring 2022

- Worked with Dr. Alfredo Garcia and Dr. Alex Álvarez on ethnographic research with Amazonian indigenous peoples in the city of Puerto Maldonado and La Comunidad Infierno
- Conducted formal and informal interviews with community members
- Developed fieldnotes based on interviews and personal observations
- Analyzed data and developed theory written in a research paper format

HONORS:

- Conference of Latin American Geography Travel Grant
- University of Richmond Anthropology Honors Program
- Gamma Theta Upsilon Geography Honor Society
- Lambda Alpha National Anthropology Honor Society
- Phi Beta Delta Honor Society for International Scholars
- New Jersey Seal of Biliteracy

SKILLS

- **GIS: ESRI Suite (ArcGIS Pro, AGOL), ArcPy**
- **Remote Sensing: ENVI, Google Earth Engine**
- **Design: Adobe Suite, Inkscape, CANVA**
- **Writing: Academic, Articles, Blogs, Social Media Posts**
- **Languages: English (native speaker), Spanish (professional fluency)**
- **Data: RStudio, Simply Analytics, PolicyMap, Social Explorer**
- **Office: Microsoft, Google**
- **Research: ethnographic fieldwork, data analysis, critical thinking**
- **People skills: leadership, collaborative, goal-oriented**