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Research Interests

Agriculture
Remote Sensing
Environmental Geopolitics
Actor-Network Theory

Political Geography
Critical Geopolitics
Environmental and Social Justice
Biopolitics

Educational Background

University of Kansas

Master of Arts, Geography

Expected Summer 2021

Graduate Certificate in Geographic Information Science

Fall 2020

Bachelor's of Science, Environmental Studies (with Honors)

Spring 2019

Minor in Geology

Professional Presentations

Presentations on The Biopolitical Implications of Agricultural Conservation in Kansas:

- 2019 Great Plains/Rocky Mountains Division meeting of the American Association of Geographers
- 2019 University of Kansas Environmental Studies Colloquium

2021 KU Graduate Student Virtual Workshop: Building a Culture of Health & Wellness

- The Creative Turn in Human Geography: New Opportunities to Reflect on the Place of Arts Practices and Perspectives within Human Geography

2019 KU Undergraduate Research Symposium

- Presented poster and slides on a project to create a permaculture garden for a local elementary school

2021 AAG The Impact of COVID-19 on Graduate Programs Panel

Guest lectures:

- Science and Technology Studies in respect to environmental geopolitics

- For the Environmental Geopolitics undergraduate course
- Environmental Geopolitics of Global Mapping Services, and how it applies to agriculture
 - For the Environmental Geopolitics graduate seminar
- Interactive Discussion of Climate Change
 - For a sixth-grade science course

Attendance at professional workshops, symposia, and meetings

- 2019 Great Plains/Rocky Mountains Division meeting of the American Association of Geographers
- 2019 University of Kansas Environmental Studies Colloquium
- Responsible Scholarship Seminar
 - Authorship of research articles and grant proposals, peer review
 - Copyright and open access publication
 - Ethical Challenges in Research and Teaching
 - Mentor-Student Relations
 - Diversity
 - Responsible Data Management
 - Human Subjects
- GTA Flexible and Online Teaching Training Workshop
- 2021 AAG Workshops
 - The Visible Geographer: Publicizing Your Work Beyond the Academy
 - Multivariate Mapping with ArcGIS online
 - Teaching Cultural Geography in Dynamic Ways with Web Mapping Tools and Spatial Data
 - Teaching with ArcGIS Pro
- Final Friday Ethics | Criteria for IRB Approval
- UPenn EnviroLab Conference 2021
- Zotero workshop
- Geography Weekly Colloquiums

Minor Grants

Frontier Farm Credit's "Working Here Fund" grant for \$2000

Fellowships, awards, and honors

Ruben Zadigan Research Scholarship

December 2018

Teaching

Graduate Teaching Assistant – University of Kansas Fall 2019 – Present

- Instructor for Introduction Lab in Physical Geography
- Discussion Leader for People, Place and, Society
- Head Teaching Assistant for World Regional Geography
- Teaching assistant for Environmental Policy

Grader for Environmental Geopolitics

Summer Environmental Science Instructor, TRIO Upward Bound Summer 2020

Created a virtual tour for students of the Spencer Museum of Art Spring 2020

Departmental and University Service

Member of the Geography Curriculum Committee Fall 2020 – Present

Helped organize and teach elementary school children about Potter Lake and its ecology

Relevant Skills

Programing and technologic skills:

ERDAS Imagine

ArcGIS Pro/ArcMap

Python

PSQL

Lab and field skills:

Field identification of plants and invertebrates

Identification of Rocks and minerals

PCR

DNA Extraction