



DEPARTMENT OF
GEOGRAPHY

College of Arts and Sciences

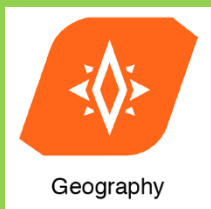
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Geography Newsletter

March 2023

Recent Publications and Research

Geographers have been busy the last few months disseminating their research. Here's a taste:

Dr. Tao Hu had two articles selected as the ESI highly cited papers in 2022:

- **Hu, T.**, Wang, S., She, B., ... & Li, Z. (2021). Human mobility data in the COVID-19 pandemic: characteristics, applications, and challenges. *International Journal of Digital Earth*, 14(9), 1126-1147.
<https://doi.org/10.1080/17538947.2021.1952324>
- Wang, P., Zhang, T., Zheng, Y., & **Hu, T.** (2022). A multi-view bidirectional spatiotemporal graph network for urban traffic flow imputation. *International Journal of Geographical Information Science*, 36(6), 1231-1257.
<https://doi.org/10.1080/13658816.2022.2032081>
- Ph.D. student **Kianoosh Hassani** published a paper on "Application of UAS-Based Remote Sensing in Estimating Winter Wheat Phenotypic Traits and Yield During the Growing Season" in the *Journal of Photogrammetry, Remote Sensing and Geoinformation Science*. His advisor **Dr. Hamed Gholizadeh** was second author along with a number of other OSU and non-OSU personnel.
- **Dr. Yuting Zhou** is going to work with an undergraduate student, **Eddy Iyonsi**, during the summer 2023 sponsored by the Oklahoma NSF EPSCoR project Research Experience for Undergraduates (REU) program. Eddy is a Junior with Major in Geology and Minor in Geospatial Information Science. They are aiming to understand people's awareness of drought in the United States (US).

Recent Presentations

SEDAGG (November 2022):

- **Dr. Rebecca Sheehan** presented a paper titled "'Contesting a 'Tiny' Actant: Complicating the Capacity of Soil Collection at Lynching Sites for Regenerative Memory-Work."
- MS Student **Katrina Ward** presented "Stitching memories: Reclamation of memory through a quilt memorial for Greenwood."

PhD student **Ny Aina Rakotoarivony** was selected to attend the 2023 Spectral Ecology Summer School at Mountain Lake Biological Station (VA), June 18-24, 2023.

Ny Aina recently attended the Environmental Data Science Summit, Santa Barbara, CA, February 7-8, 2023 (right). The theme of the meeting was Harnessing Diversity in Environmental Data Science.



Lacustrine dynamics and the development of hydraulic infrastructure in Lake Texcoco: A key to understand the origin of Tenochtitlan.

Carlos Cordova,
Professor of Geography, Oklahoma State University.



**Distinguished Speaker of Archaeology,
University of Colorado Boulder.**

February 10th, 12 pm at Hale 450.

Free buffet provided by the Department of Anthropology.

For any further information contact Gerardo.Gutierrez@colorado.edu

Dr. Carlos Cordova gave a couple of talks at the University of Colorado-Boulder in February. One talk (flyer at left) was for the Anthropology Department. The second was for a broader audience in the university and was about his next and first creative fiction/popular science book "1325: Mexico City before Mexico City," which will be the English version to commemorate the 700th years of the insular urban settlement called Mexico-Tenochtitlan, capital of the Aztec empire and urban precursor of the Hispanic Mexico City.

Geographers in the Field

PhD students **Ehsan Foroutan** and **Clayton Lucas** had the opportunity to travel to Mexico City and Texcoco in January. While there they met with scholars, community leaders, and landowners who reviewed Clayton's proposed research, interview questions, and surveys for any cultural concerns. Clayton's research considers those involved in and impacted by the construction of Lake Texcoco Ecological Park, touted as the largest undertaking of its kind in the world.

The trip was successful in a continued effort to foster relationships with those involved in Clayton's research, as well as in an effort to be sensitive to a culture that is foreign to them. Clayton plans to use the information gathered to strengthen his research, remain culturally sensitive to those he is working with in Mexico, and in seeking IRB approval. Additionally, they had the opportunity to visit Teotihuacán, a pre-Aztec site that includes several large pyramids, along with several other culturally and historically significant sites.



Geographers in the Field (cont.)

MS student **Katrina Ward**'s thesis fieldwork is taking place in McAlester, Oklahoma, where she is considering the ways in which carcerality is embedded in the cultural landscape and collective memory through things such as representations of the prison rodeo, the physical presence and visibility of the Oklahoma State Penitentiary, tourism-driven signage and decision-making, and memories and experiences shared through oral histories. The carcerality seen in the cultural landscape and collective memory is dialectically related to carceral values, which drive policy and enable ambivalence towards the criminal legal system more broadly.



2022-23 Awards Gathering

On April 27, the annual Geography Awards Gathering will take place in the basement auditorium of our building (SSH 035). The Awards Ceremony starts at 5:15 and Gamma Theta Upsilon inductions immediately thereafter. Over \$10,000 of awards and scholarships will be distributed:

2022-23 Recognition Awards:

- John F. Rooney, Jr., Scholarship for Outstanding Junior
- CAS Outstanding Senior
- Robert E. Norris Memorial Scholarship for Outstanding 1st Year Graduate Student
- Jerry Croft and Family Award in Geographic Education
- Susan Shaull Medal for Excellence in Teaching
- Dee Family Scholarship
- Robert C. and Lucy Fite Scholarship

2023-24 Travel Awards:

- Norris Conference Travel Award

Other awards and honors earned by students, staff, or faculty (on campus or off) will be recognized, so if you received some type of award or scholarship in the past year, please let [Jon Comer](#) know so he can add it to the list to be announced at the Gathering.



OKLAHOMA STATE UNIVERSITY
Geography

FOGG
FORUM OF GEOGRAPHY GRADUATE STUDENTS
OKLAHOMA STATE UNIVERSITY

2022-23
GEOGRAPHY
AWARDS
GATHERING

GAMMA THETA UPSILON
BY THE HONOR SOCIETY OF GEOGRAPHY

WHEN: THURSDAY, APRIL 27, 2023, 5:00-6:00 PM
(Awards presentation and will begin at 5:15)

WHERE: 035 SSH (BASEMENT AUDITORIUM)