

FRIDAY, NOVEMBER 17TH, 2023

# The Graticule Weekly

UGA's Geography Newsletter



## GEOGRAPHY COLLOQUIUM: FRIDAY DEC. 1ST

Join Us in Welcoming Dr. Yiyi He to UGA Geography



Dr. Yiyi He, Assistant Professor at Georgia Tech's School of City and Regional Planning, will be visiting UGA's Department of Geography on Friday, December 1st. Join us for a lecture by Dr. Yiyi He titled: "Towards Resilient Critical Infrastructures: Understanding the Impact of Coastal Flooding on the Fuel Transportation Network in the San Francisco Bay" at **2:00pm in GEOG/GEOL Room 200B**.

**About Dr. He:** "Yiyi He is an assistant professor in the School of City and Regional Planning (SCaRP) at the College of Design at Georgia Tech.

Her research centers on the interdisciplinary fields of urban planning, GIScience, climate science, and artificial intelligence. She is interested in building a better understanding of the uncertainty and asymmetric impacts of climate-change-induced extreme weather events (e.g., flooding, wildfires, extreme heat) on critical components of the built environment (e.g., lifeline infrastructure networks, vulnerable neighborhoods). She leverages data-driven approaches, such as GIS, network science, hyperspectral remote sensing, machine learning, and spatial statistics to tackle complex challenges in climate change and resilience research and to inform more intelligent planning and policy directives."

## REGISTRATION CONTINUES

Spring and Summer 2024 Registration is here and will continue into next week! **Open registration for Spring '24 is November 20 - January 5**. If you need an override for a class, please email Matt Calonius ([mlc53494@uga.edu](mailto:mlc53494@uga.edu)) with your 81#, type of override needed, and the CRN of the relevant course.

Student Classification	Registration Date
Honors, PHARMD, Confirmed Service Members	Thursday, November 2
Graduate Students	Friday, November 3
Seniors (110+ Earned Hours)	Monday, November 6
Seniors (90-110 Earned Hours)	Tuesday, November 7
Juniors (75-89 Earned Hours)	Thursday, November 9
Juniors (60-74 Earned Hours)	Friday, November 10
Sophomores (45-59 Earned Hours)	Tuesday, November 14
Sophomores (30-44 Earned Hours)	Wednesday, November 15
Freshmen, Law, Vet Med	Friday, November 17

## General News and Announcements



*The Graticule Weekly will be on Thanksgiving break next week. The next edition of The Graticule Weekly will be sent out on Fri. Dec. 1st.*

Past editions of The Graticule Weekly are available to view on our website!



*With the Fall semester in full swing, our community will remain busy as faculty, staff, students, and visitors navigate our campus. Prioritize your transportation safety and the safety of other's by checking out the Watch For Dawgs official website.*



*Please download the new UGA Safe app from the Google Play or Apple App stores. Login using your UGA MyID or register as a guest to take advantage of a variety of safety features. For more information, please visit the UGA Office of Emergency Preparedness website.*

Follow us on social media!



# MARK YOUR CALENDAR



November 19th  
ACC Library  
3-4 pm



All are welcome to attend this presentations by Dr. Sergio Bernardes, PhD, Director of the Disruptive Geospatial Technologies Laboratory/Associate Director Center for Geospatial Research, University of Georgia. [Learn more here!](#)



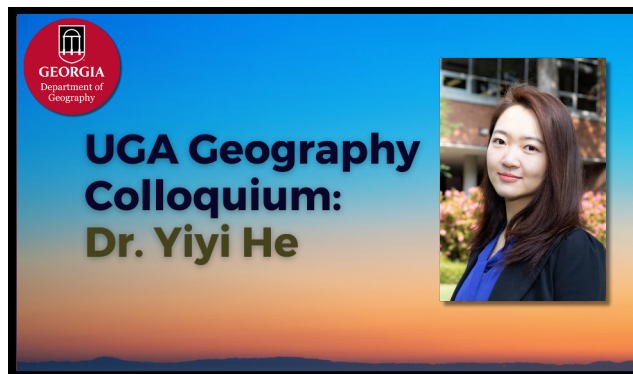
November 22-24  
Campus Wide  
Holiday



Thanksgiving break. No classes from November 22-24. The university will be closed November 23 and 24th. Classes resume on Monday, November 27th.



December 1st  
GEOG/GEOL 200B  
2:00 - 3:00pm



Join us for a lecture by Dr. Yiyi He titled: "Towards Resilient Critical Infrastructures: Understanding the Impact of Coastal Flooding on the Fuel Transportation Network in the San Francisco Bay."



December 1  
Lake Herrick Pavilion  
3:00 - 5:00 pm



All are welcome to join us at this year's winter social. We'll have food, live music, games, and even a gingerbread decorating contest. Free parking is available- [Click here for directions!](#)

## Social Media

Want to stay up to date with all things UGA Geography? Follow us on our social media accounts. If you have any events, news, awards, or other information you'd like to share on our social media, please reach out to Matt Colonius.



<https://www.facebook.com/GeographyDepartmentUGA/>



<https://www.instagram.com/geographyuga/>



<https://twitter.com/UGaGeography>



<https://geography.uga.edu>



# 1850 ATHENS PROPERTIES IN 3D



Exploring History with Digital Twins: Preserving Cultural Heritage Through Drone-Based 3D Modeling, Game Engines and Mixed Realities.

Join the Athens-Clarke County Library Heritage Room, T.R.R. Cobb House, and the Disruptive Geospatial Technologies Laboratory at UGA for this presentation by Dr. Sergio Bernardes, PhD, Director of the Disruptive Geospatial Technologies Laboratory/Associate Director Center for Geospatial Research, University of Georgia.

**Date: November 19, 2023**

**Time: 3:00 – 4:00 pm**

**Location: Athens-Clarke County Library Auditorium**

**For more information on this event, see:**

**<https://athenslibrary.libcal.com/event/11286193>**

**Disruptive Geospatial Technologies Lab (DiGTL, <https://digtl.uga.edu/>)**

**Center for Geospatial Research (CGR, <https://cgr.uga.edu/>)**

An array of cutting-edge technologies has emerged to support the preservation of our historical heritage while offering unique learning experiences centered around historical objects and locations. Dr. Bernardes' presentation about the Cobb's World initiative will explain the creation of 3D digital replicas of various historical properties of Athens, Georgia, including required digital manipulations for historical accuracy and visualizations. Attendees will be provided the opportunity to experience 1850 Athens properties using virtual reality headsets after the presentation.

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Follow us on social media!



# STUDENT OPPORTUNITIES

## ★ This Week's Featured Opportunity ★

- [PhD student in Earth system modelling at the Department of Geography, University of Georgia](#)

**Position summary:** A fully funded PhD student position is available to evaluate impacts of land-based climate mitigation strategies in Earth System Models (ESMs). The position is with the Department of Geography, University of Georgia, Athens and will begin Fall 2024. The student will gather observational constraints on changes to carbon stored on land and to biophysical properties (such as changes to albedo and evaporation) due to land cover change (for example, planting forests, allowing ecosystems to naturally regenerate, and planting crops for bioenergy). The observational constraints will then be used to evaluate similar changes in a suite of ESMs and contribute to model developments of the forest and bioenergy routines in one of the models (up to the student's discretion). The project will complement ongoing work a European Union-funded project involving four ESMs ([ESM2025](#)), presenting opportunities for the student to interact with an international research team, including developers of the NCAR model CLM-Fates. The graduate student will be expected to communicate their results in peer-reviewed publications and at scientific conferences.

**Required qualifications:** Candidates must have proven abilities to conduct independent research and to work as part of a scientific team. Experience in data analysis (of large model or observational data sets), strong quantitative skills, and an understanding of Earth system models are essential. Experience in or an interest in learning R or Python also are required. One or more of the following would also be helpful: experience with machine learning, experience with land surface models, or an understanding of biophysical and biogeochemical impacts of land cover change; but the drive and willingness to learn these skills is acceptable. A strong background in geography, atmospheric sciences, mathematics, statistics, or plant or landscape ecology is also suggested.

**How to apply:** Students will join Harper Lab in the Department of Geography at the University of Georgia. The assistantship will include a salary commensurate with education level, tuition waiver, and health benefits. Interested candidates should send an email describing their past experience and their motivation for pursuing a graduate degree in the above research topic, along with a CV and the names and contact information for 3 references, to Dr. Anna Harper ([a.harper@uga.edu](mailto:a.harper@uga.edu)), Department of Geography, The University of Georgia, Athens, GA 30606. Review of applications will begin after December 1, and will continue until the position is filled. The anticipated start date is August 01, 2024.

The University of Georgia values diversity and all qualified applicants are encouraged to apply. UGA is in Athens, GA, a vibrant mid-sized city with abundant shopping, restaurants and cultural experiences. In case of any questions, potential applicants are encouraged to contact Dr. Anna Harper ([a.harper@uga.edu](mailto:a.harper@uga.edu)), Department of Geography, UGA.

## Social Media

Want to stay up to date with all things UGA Geography? Follow us on our social media accounts. If you have any events, news, awards, or other information you'd like to share on our social media, please reach out to Matt Colonius.



<https://www.facebook.com/GeographyDepartmentUGA/>



<https://www.instagram.com/geographyuga/>



<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

# STUDENT OPPORTUNITIES

- [University of South Carolina Health Faculty Cluster Hire](#)

*The College of Arts and Sciences at the University of South Carolina announces a faculty cluster hire in the multidisciplinary area of Social Determinants of Health. We invite applications from scholars with expertise at the intersections of health and social positionalities such as race and ethnicity, gender, class, and/or sexualities. [Learn more here!](#)*

- [Employment Opportunities with FEMA](#)

*FEMA is hiring a GIS Manager and GIS Specialist. [Learn more here!](#)*

- [Tutor with UGA Athletic Association Academic Support Services](#)

*Provide individual and small group tutoring to student-athletes in the Rankin Smith Student-Athlete Academic Center. Assist students in improving academic achievement by meeting with them weekly to clarify concepts, enhance study skills, and review class materials.*

*\*If you are interested, please reach out directly to Whitney Burton at [wburton@sports.uga.edu](mailto:wburton@sports.uga.edu)*

- [Montgomery College- Full Time Geography Faculty Member](#)

*Montgomery College, Rockville Campus, is seeking an Applied Geography faculty member to fill a position starting January 2024. We are seeking an enthusiastic and dedicated teacher who exhibits a high degree of professionalism, a strong commitment to our students, and the ability to motivate and educate in an engaging manner. This position is part of a collective bargaining unit. [See more details and application instructions here!](#)*

- [GIS Position at Gwinnett County Public Schools](#)

*Gwinnett County Public Schools Planning Department is hiring a GIS Analyst. The primary responsibilities of this position are to Coordinate the processes associated with the Geographic Information Systems (GIS) map development and maintenance, student information, and map synchronization for the Planning Department. [See more details and application instructions here!](#)*

- [NC State University Fall 2023 Interdisciplinary Doctoral Program](#)

*The Center for Geospatial Analytics at North Carolina State University is now accepting applications for Fall 2024 enrollment in our interdisciplinary Ph.D. program in Geospatial Analytics. We expect to admit a cohort of ten students. Applications are due Feb. 1, 2024. [Learn more here!](#)*

- [University of Arizona GIST Program Hiring Instructional Designer](#)

*The University of Arizona's Geographic Information Systems Technology (GIST) program (<https://gis.arizona.edu/>) is hiring an Instructional Designer II with geospatial skills. This position is housed in the School of Geography, Development and Environment in Tucson, Arizona. We are looking for a candidate with a background in GIS and the use of ESRI ArcGIS products in addition to instructional design experience. [Click here for more info!](#)*

## Campus-wide events:



UMatter: An November 28th  
Upstander 3:30 - 5:00 pm  
Intervention Tate 141  
Program

UMatter is an upstander intervention program to support a culture that cares about and helps each other in this community. [Learn more here!](#)



Flu shots are Available without  
available at the appointment  
UHC Mon- Fri, 9am-5pm  
UHC Pharmacy

*Flu shots available now at UHC!*

*If you do not have insurance, payment can be made by cash, check, or card at the cashier's desk following the flu shot. Students may pay online or you may visit your local Health Department.*



Healthy November 28  
Relationship 5:30-6:30pm  
Workshop MLC 148

*This presentation seeks to help clarify values, explore relationship dynamics, and develop communication skills.*



# STUDENT OPPORTUNITIES (CONT.)

- [Student Research Award](#)

*The Society for the Anthropology of Food and Nutrition invites applications for our \$800 annual research award for Masters or PhD level students at an accredited college or university with a concentration in food and nutritional anthropology. The funding is intended to support the research phase of the project. This year we are particularly interested in decolonized, ethical research focused on food justice and food sovereignty.*

*Winners will be recognized at SAFN's Reception at the annual American Anthropological Association meeting. [Learn more here!](#)*

- [AAG Student Honors Paper Competition](#)

*The Geographic Information Science and Systems Specialty Group (GISS-SG) of the American Association of Geographers (AAG) is pleased to announce the 2024 Honors Competition for Student Papers on Geographic Information Science and Systems topics to be presented at the annual meeting. The purpose of this competition is to promote scholarship and written and oral presentation by students in the field of GIS. Papers are invited from current graduate and undergraduate students on any topic in geographical information systems and geographic information science.*

*Any paper that advances any aspect of GIS is welcome.*

**Important Dates:**

*November 10, 2023 – extended abstract (~1000 words) and AAG conference registration PIN due to Dr. Gengchen Mai at [gengchen.mai25@uga.edu](mailto:gengchen.mai25@uga.edu)*

*November 28, 2023 - finalists notification*

*February 15, 2024 – for graduate student finalists, full paper due to Dr. Gengchen Mai at [gengchen.mai25@uga.edu](mailto:gengchen.mai25@uga.edu)*

*[See here for more info](#), or contact Dr. Gengchen Mai at [gengchen.mai25@uga.edu](mailto:gengchen.mai25@uga.edu)*

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Department of Geography  
Franklin College of Arts and Sciences  
UNIVERSITY OF GEORGIA

UGA Geography Warmly Invites You To Our

# *Winter Social*

*Friday, December 1st*  
*Lake Herrick Pavilion*  
*3:00 - 5:00 pm*  
*Free Parking Available*

- *Yard/ Board Games*
- *Food & Music*
- *Gingerbread  
Decorating Contest*



Scan Here for Directions



### GET HELP

Whether it's a life-threatening emergency, a non-emergency concern, or a crime tip; there are several options to relay those concerns.

### MOBILE BLUELIGHT

Immediately call the UGA Police and share your location in real-time with them.

### FRIEND WALK

Send your location in real-time to a friend so they can watch you as you walk to your destination.

### CHAT WITH UGA POLICE

Report a concern by texting with UGA Police.

### HOW TO RESPOND TO AN EMERGENCY

Conveniently located in one place to help you take immediate action.



**DOWNLOAD  
THE APP!**

[t.uga.edu/7Xf](https://t.uga.edu/7Xf)

