

# The Graticule Weekly

UGA Geography's Weekly Newsletter



## ATMOSPHERIC SCIENCES SPOTLIGHT

### Kelly Neighbour Awarded 2024 Presidential Award of Excellence



Please join us in congratulating Kelly Neighbour, senior Geography and Atmospheric Sciences triple major (A.B./B.S. Geography; B.S. Atmospheric Sciences & Double Dawgs), for being named a recipient of this year's Presidential Award of Excellence! The Presidential Award of Excellence is awarded to undergraduate students in their final year of study who have demonstrated outstanding academic achievement, strong extracurricular involvement, and/or service to and involvement in their respective school or college.

Students selected for this award exemplify the best of UGA's undergraduate student body. Only 46 students have been selected, which translates to 0.6% (0.006) of the graduating class. We'll be celebrating Kelly's accomplishment, as well as the accomplishments of many of our geography and atmospheric sciences students, at next week's Undergraduate Honors and Awards Reception - All are welcome to attend!



### Undergraduate Honors and Awards Reception

Thursday, April 25, 2024

GGY Lobby (by the globe) and courtyard

## JONATHON PREECE RECIEVES AAG PAPER OF THE YEAR AWARD

Please join us in congratulating Dr. Jonathon Preece for being named the recipient of this year's American Association of Geographers (AAG) Climate Specialty Group John Russell Mather Paper of the Year Award! Dr. Preece will join the Atmospheric Sciences program in the Department of Geography as a lecturer this Fall. Congratulations, Dr. Preece!

[Learn about Dr. Preece's research here!](#)



## CORRECTION FROM LAST WEEK'S GRATICULE

Last week's edition of the Graticule Weekly mistakenly reported that Dr. Marshall Shepherd was named a recipient of an American Association of Geographers (AAG) Fellows award. Dr. Shepherd was named recipient of the AAG Presidential Achievement award. Thank you to Dr. Shepherd for bringing this error to my attention.

## General News and Announcements



The Graticule Weekly is distributed each Friday Afternoon. If you have any news or events you'd like to share throughout the semester, please share them with Matt Colonius well in advance.

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



With the Spring semester in full swing, our community remains 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



April 23  
9:45-12:00pm  
GGY 321 & Zoom

Dr. Peng Luo from MIT will deliver a lecture titled "Sensing the Unseen nature of cities with AI and geospatial big data." All are welcome to attend. [Join via Zoom here!](#)

**GeoAI Seminar**

Join us for a talk by Dr. Peng Luo titled "Sensing the Unseen nature of cities with AI and geospatial big data."

with Dr. Peng Luo



April 23  
4:00-5:00pm  
GGY 321 & Zoom

Dr. Zhaonan Wang from the University of Illinois Urbana-Champaign will deliver a lecture titled "Towards a Geo-Foundation Model for Learning on Spatial Networks." All are welcome to attend. [Join via Zoom here!](#)

**GeoAI Seminar**

Join us for a talk by Dr. Zhaonan Wang titled "Towards a Geo-Foundation Model for Learning on Spatial Networks."

with Dr. Zhaonan Wang



April 23  
6:30pm  
GGY 200D

Join us for this event celebrating LGBTQ+ representation in the Atmospheric Sciences! Refreshments will be provided.

AMS & XEP Presents:  
**UGA ATSC PRIDE AWARENESS CELEBRATION**

Celebrating LGBTQ+ Representation in the Atmospheric Sciences



April 24  
3:00pm  
UGA Main Library

Join Dr. Sergio Bernardes for a colloquium exploring the vast landscape of geospatial technologies! See the flyer at the end of this week's Graticule for more info!

**NAVIGATING GEOSPATIAL DATA**

MULTI-DOMAIN EXPLORATIONS IN DATA COLLECTION, ANALYSIS, VISUALIZATION AND MANAGEMENT



April 25  
3:00pm  
GGY Lobby (by the globe)

Join us for our 2024 Geography Undergraduate Honors and awards reception! All are welcome to attend.

UGA GEOGRAPHY  
WARMLY INVITES YOU TO OUR

**2024 Undergraduate Honors & Awards Reception**

## 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 Calonijs.



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



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



<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

# SUMMER 2024 COURSE AVAILABILITY

Although Fall 2024 registration is upon us, we wanted to shine a spotlight on some of our Summer 2024 Geography and Atmospheric Sciences courses that still have seats available. We hope these courses will fill up so register today! Please reach out to your academic advisor or the Geography main office with any questions about these courses.

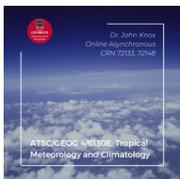
Click on any of the tiles below to learn more about that course:



**GEOG 1101 - Human Geography- Dr. Andrew Herod; CRN 72123**  
Essential concepts include the interconnectedness of people and places, interactions between society, culture, and nature and the relationships between development, difference, and inequality.



**GEOG 1125E - Resources, Society, & Environment-**  
**Dr. Suzanne Birch: CRN 72241 // Dr. Fausto Sarmiento: CRN 70551**  
Interactions between physical systems and human activities, and their effects on environmental quality and sustainability.



**ATSC/GEOG 4/6130E - Tropical Meteorology & Climatology -**  
**Dr. John Knox - CRN 72133, 72148**  
An investigation of the weather and climate of the tropics, including its interactions with the tropical oceans and the extratropical atmosphere



**GEOG 4/6370E - Introduction to GIS**  
**Dr. Angela Yao - CRN 65060**  
Fundamentals of geographic information science (GIS) concepts and techniques, and to foster students' geographical thinking in a GIS environment.

## FROM THE GEOGRAPHY MAIN OFFICE

Need a job this Fall? The Geography office is hiring new Federal Work/Study student workers! Duties to include assisting Communications Coordinator and includes some front desk coverage, helping with occasional events, and light clerical duties. Scan the QR code to the right for more information!



Missing something? The Geography Department's lost and found is located in the staff offices on the second floor of the building. Please be prepared to describe your lost item so that we can ensure we're returning items to their rightful owners. Current found items include keys, glasses, and earbuds,



## Commencement Events



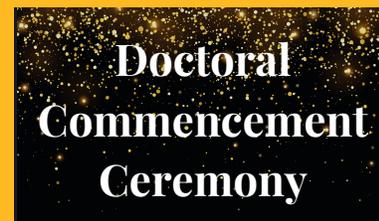
**Spring 2024** May 10th  
**Undergraduate** 7:30 pm  
**Commencement** Sanford Stadium  
FYI: Tickets are required for all graduates at the May 10 Undergraduate Commencement Ceremony to sit on Dooley Field.



**Spring 2024** May 9th  
**Masters** 10:00 am  
**Commencement** Stegeman

*Graduate degree candidates will report to the basketball practice gym on the second floor of the Stegeman Coliseum Training Facility 1 hour prior to the ceremony start time.*

*Enter through the doors closest to the Carlton Street Parking Deck.*



**Spring 2024** May 9th  
**Doctoral** 2:00pm  
**Commencement** Stegeman

*Graduate degree candidates will report to the basketball practice gym on the second floor of the Stegeman Coliseum Training Facility 1 hour prior to the ceremony start time. Enter through the doors closest to the Carlton Street Parking Deck.*

# STUDENT OPPORTUNITIES

## ★ This Week's Featured Opportunity ★

### • [Undergraduate Research Opportunities with the Community Mapping Lab](#)

*The Community Mapping Lab has several openings for undergraduates seeking research experience over the summer and fall semesters. Our ongoing projects include the following:*

- **Eviction mapping:** Digitize court records for eviction filings and analyze current trends in evictions in the city. GIS skills not required, but helpful. This can potentially include an internship with the ACC Geospatial Office.
- **Reese Street Neighborhood mapping:** CML is partnering with individuals in the Reese Street neighborhood, an historic African-American community just west of downtown Athens, to create a historic map of the neighborhood based on the 1958 city directory. This work includes working with partners to develop a storymap of residents during that time period and collecting other relevant historical information. Some GIS skills are necessary for this work, but archival research and/or interviewing may also be part of the work.
- **Brooklyn Cemetery:** This Black cemetery is located behind Clarke Middle School near Alps Road. Previous Community GIS classes worked with Ms. Linda Davis and others to develop datasets showing those buried in this cemetery. Further work is needed to help tell the story of families found in the cemetery and continue improving the accuracy of cemetery records. The work includes both GIS data management and archival research skills.

*Each of these opportunities can be in summer and/or fall 2024. Students can receive course credit (Geog4960R) for their work and can also apply for funding through the CURO program. CURO's deadlines are April 15th for summer semester and July 1st for fall. If interested, please email Dr. Jerry Shannon by April 8th with your current resume/CV and a short statement of interest for the project(s) you are interested in.*

### • [Equal Education for Athens \(EEA\) Virtual Volunteer Opportunity](#)

*Equal Education for Athens (EEA) is recruiting UGA students to volunteer as tutors for primary and secondary students from Athens-Clarke County. We were once a student-run UGA organization that provided free, online tutoring to K-12 students in need across Athens Clarke County schools. Now, we are reaching out as a community partner of a local nonprofit in search of student tutors!*

*Tutoring through EEA is a very rewarding program that not only allows you to make a difference in the lives of children in your community, but also to develop an impactful mentor-mentee relationship. We must unite to work towards establishing equal education in the Athens community! (Plus, you will be able to earn community service hours, and add to your resumes and graduate school applications 😊)*

*Please click on this [link](#) to apply! EEA will operate on a first come, first serve basis with orientation sessions for fall tutoring beginning the week of August 19th. (\$500 stipend for 30 hours of work over the summer semester. Flexible schedule.)*

## General News and Announcements



*The Graticule Weekly is distributed each Friday Afternoon. If you have any news or events you'd like to share throughout the semester, please share them with Matt Colonus well in advance.*

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!



# STUDENT OPPORTUNITIES

## • [StoryMapping Queer Climate Justice](#)

*Undergraduate research opportunity to work on a Community Geography project with the Astraea Foundation, an LGBTQ+ philanthropy non-profit, to create a "StoryMap" of the first cohort of their Queer Climate Justice grant fund. This includes working collaboratively with grantees to craft a visual narrative representing their work and then using the tools of ArcGIS online to "put it on the map" alongside climate vulnerability indicators. The project aims to help Astraea raise additional funds for this program and uplift the climate experiences of LGBTQ+ people and uplift their leadership in climate justice.*

*\$500 stipend for 30 hours of work over the summer semester. Flexible schedule.*

*Ideal candidates are bilingual in Spanish and have former experience with ArcGIS StoryMaps or other ESRI software. To apply, email [vanessa.raditz@out4s.org](mailto:vanessa.raditz@out4s.org) describing why you are interested in the project and the relevant background or skills you would bring to the position.*

## • [Maymester Field Study Service-Learning Opportunity](#)

*This program is a service-learning Domestic Field Study course in which students will conduct field and academic research at UGA Marine Extension and Georgia Sea Grant facilities to write stories about the people and aquaculture of the Georgia coast. A week-long residency at the Penn Center on St. Helena Island, SC will provide students with an immersive learning experience in the Gullah Geechee culture of the Sea Islands as the starting point for our field work. Contact Dr. Elizabeth Davis at [eadavis@uga.edu](mailto:eadavis@uga.edu)*

**MAYMESTER 2024**  
**WRITING & COMMUNITY @THE GEORGIA COAST**

Find your stories here! Join us for a writing journey like no other to learn about Georgia's historic and one-of-a-kind coastal culture.

NOW ACCEPTING APPLICATIONS  
[@STUDYAWAY.UGA.EDU](mailto:STUDYAWAY.UGA.EDU)

CONTACT ME FOR MORE INFO:  
DR. ELIZABETH DAVIS, PROGRAM DIRECTOR  
[eadavis@uga.edu](mailto:eadavis@uga.edu)

**ABOUT THE PROGRAM**

In Maymester 2024, ENGL 3850S: Writing and Community, will partner with the University of Georgia's Marine Extension to research and write texts that tell the stories of people and seafood along the Georgia coast and Sea Islands. A week-long residency at the Penn Center on St. Helena Island, SC will provide students with an immersive learning experience in the Gullah-Geechee culture of the Sea Islands as the starting point for our field work.

**FIELD SITES:**

- Penn Center, St. Helena Island, SC
- UGA Marine Education Center, Skidaway Island, GA
- UGA Marine Institute, Sapelo Island, GA
- UGA Marine Extension Field Offices, Brunswick, GA

**APPLY TODAY!**  
[studyaway.uga.edu](mailto:studyaway.uga.edu)

**EL SCHOLARSHIPS AVAILABLE!**  
[el.uga.edu](mailto:el.uga.edu)

## • [Nelson/Nygaard Transportation Planning Summer 2024 Internships](#)

*Nelson/Nygaard Consulting Associates is seeking Transportation Planning Interns to join our team during the summer of 2024. We're looking for students who are eager to gain hands-on experience in the transportation planning field. This is an outstanding opportunity to be involved in the firm's nationally recognized work in planning for more equitable and livable communities.*

*Our summer intern program is designed to give current students an opportunity to gain experience with planning work that helps shape our communities. You will work on and produce deliverables for some of our most exciting projects, supporting junior and senior planners with writing and research, data analysis and mapping, and client and community engagement activities. [Learn more here!](#)*

## 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

- [Summer 2024 Data Science Internship with OpenTopography](#)

*OpenTopography is recruiting at least one Data Science intern this summer via the EarthScope Student Careers Internship Program. The intern(s) will work with the OpenTopography team to ingest and process data, and/or to develop workflows and services related to processing, analysis, and visualization of topographic data managed by OpenTopography. Open to graduate and upper-level undergraduate students, applicants must be authorized to work in the U.S. [Learn more and apply here!](#)*

- [Community Planner and Grants Specialist Positions, NGRC](#)

*The Northeast Georgia Regional Commission has two positions open, a Community Planner and a Grants Specialist. The job listings and responsibilities are posted on our website: <https://negrc.org/careers/>*

*We're looking for people who are creative and interested in working on community-based projects related to housing development, infrastructure, solid waste, development of public facilities, conservation, comprehensive planning, and community engagement. Good writing and public speaking skills are important, and some experience with graphic design and ArcPro would be preferred.*

[Learn more here!](#)

- [Postdoctoral Position in AI and Census Microdata, Univ. of Utah](#)

*The College of Social and Behavioral Science at the University of Utah is seeking applicants for a Postdoctoral Research Associate with an interest in applying Artificial Intelligence (AI) to US Census data. AI is having far-reaching effects as it moves into everyday systems, such as healthcare, education, policy, immigration, and criminal justice, often with a focus on individualized outcomes.*

*Interdisciplinary research is critical for developing “responsible” technologies that forward the public interest, recognizing AI as both a technological approach and a social practice (e.g. how humans are classified, how we identify technological problems, how we understand our society). Federal Statistical Research Data Centers, such as the Wasatch Front Research Data Center (WFRDC), located in the Interdisciplinary Exchange for Utah Science (NEXUS), offer a unique resource of census microdata, allowing the exploration of socio-demographic dynamics at an individual level, and there is a significant opportunity to apply AI methodologies to these data.*

*We seek a researcher interested in developing research that integrates AI methods with the type of microdata held in the WFRDC. The successful candidate for this position will have a record of working with socio-demographic data and AI methods, and a commitment to responsible AI applications.*

[Learn more here!](#)

## Commencement Events

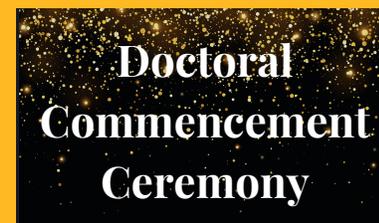


**Spring 2024** May 10th  
**Undergraduate** 7:30 pm  
**Commencement** Sanford Stadium  
FYI: [Tickets are required](#) for all graduates at the May 10 Undergraduate Commencement Ceremony to sit on Dooley Field.



**Spring 2024** May 9th  
**Masters** 10:00 am  
**Commencement** Stegeman

*Graduate degree candidates will report to the basketball practice gym on the second floor of the Stegeman Coliseum Training Facility 1 hour prior to the ceremony start time. Enter through the doors closest to the Carlton Street Parking Deck.*



**Spring 2024** May 9th  
**Doctoral** 2:00pm  
**Commencement** Stegeman

*Graduate degree candidates will report to the basketball practice gym on the second floor of the Stegeman Coliseum Training Facility 1 hour prior to the ceremony start time. Enter through the doors closest to the Carlton Street Parking Deck.*



GEORGIA  
Department of  
Geography

# UGA GEOGRAPHY GeoAI Seminar

IN PERSON  
AND ONLINE

Join us for a talk by Dr. Zhaonan Wang titled  
"Towards a Geo-Foundation Model for Learning on  
Spatial Networks."



**TUESDAY**  
APRIL 23, 2024



**TIME**  
4:00 – 5:00 P.M.



**GEOG RM. 321**  
& ZOOM

SCAN THE QR  
CODE TO JOIN  
VIA ZOOM!



**ZHAONAN WANG**  
University of Illinois  
Urbana-Champaign



**D<sub>7</sub>GTL** Disruptive Geospatial Technologies  
Laboratory  
digital.uga.edu

RESEARCH AND COMPUTATIONAL DATA MANAGEMENT

 UNIVERSITY OF GEORGIA  
University Libraries



**CGR**  
Center for Geospatial Research

# NAVIGATING GEOSPATIAL DATA

## MULTI-DOMAIN EXPLORATIONS IN DATA COLLECTION, ANALYSIS, VISUALIZATION AND MANAGEMENT

Colloquium  
Research and Computational Data Management

Wednesday, April 24, 2024

3:00 pm

UGA Main Library  
Room 300



Dr. Sergio Bernardes

Director Disruptive Geospatial Technologies Lab  
Associate Director Center for Geospatial Research  
Department of Geography, UGA



### 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)

