

FRIDAY, APRIL 7TH, 2023

The Graticule Weekly

UGA's Geography Newsletter



RESEARCH SPOTLIGHT

Dr. Deepak Mishra Contributes to New Study on Global Water Quality Monitoring



Dr. Deepak Mishra

UGA Geography professor, Associate Department Head, and Small Satellite Research Laboratory Director Dr. Deepak Mishra has shared a new study alongside 76 co-authors from around the globe. The study "[GLORIA - A globally representative hyperspectral in situ dataset for optical sensing of water quality](#)" was first published in February 2023 in *Nature Scientific Data*. According to Dr. Mishra, the purpose of this research is to establish the first global optical dataset for global water quality monitoring with the hope that the dataset will lead to large-scale global water remote sensing monitoring effects. The field data that comprises this research was collected from various inland waterbodies spanning the globe over a period of 30 years.

The culmination of this extensive research is generating significant interest online. A handful of the paper's authors recently penned a [blog post in the journal Nature](#) where they introduce the study's findings and also speak to the intensity of the field research that was required for this study. [Learn more about Dr. Mishra's research here!](#)

EXPLORING THE CENTER FOR GEOSPATIAL RESEARCH

Students and teachers from the Pope High School Globalization Academy recently toured the CGR/DiGTL for a research immersion experience. During their visit, students learned about developments in remote sensing based on drones and satellites, as well as selected applications in agriculture, cultural heritage preservation, and support to humanitarian works in the Amazon. The visit included immersive and hands-on landscape explorations using the augmented reality sandbox.



Images Courtesy of Dr. Sergio Bernardes

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.



To promote safety and emergency preparedness across the University of Georgia community, UGA has launched a new safety app called UGA Safe, replacing the existing LiveSafe app. Please download the UGA Safe app from the Google Play store or the Apple App store.



With the semester in full swing, our community has become busier 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.](#)

Follow us on social media!

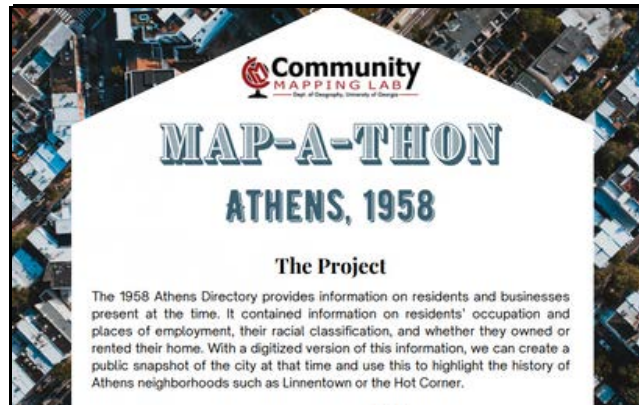


UPCOMING EVENTS



April 12th
GEOG Rm. 321
6:30-8:30pm

At this year's Mapathon, you'll help check the data of 16,000+ records, all while learning about the process of digitization and how collaborative science projects work. Refreshments provided!



April 16th
297 Prince Ave. Athens
3-7 pm

Shell to Shore is hosting the second annual ShellFest on April 16th in Athens, GA. It is a party for a cause, featuring raw oysters, live music, food & beverage from our restaurant friends and it is sure to be a blast. [Learn more here!](#)



April 19th
Geog Room 200B
3:30pm

Join us for our 2023 Undergraduate Awards Ceremony in the Geography Building Room 200B. All are welcome to join us in celebrating the achievements of our undergrads!



Every other Wed.
MLC 247
6pm

APIDAPA, Asian Pacific Islander Desi American Political Alliance, is a newly formed non-partisan student-led organization at UGA that seeks to promote civic engagement, community education, and policy advocacy among APIDA students on campus.



Departmental Events:



GEOG Earth April 21
Day Lecture: 3:45 pm
Dr. Michelle Ritchie GEOG Room 200D

Join Dr. Michelle Ritchie of the University of Georgia for her lecture: "Social-ecological relationships shape hazard risk perception and disaster risk reduction: An ongoing place-based study in Iceland."



Final Friday April 28th
Coffee Break Main Geography Office

Join us on the final Friday of each month for coffee and other refreshments in the main Geography office. This is a great opportunity to catch up with friends/colleagues!



GEOG UGDR May 11th
Graduation 3:45pm
Celebration Room 200C

Join us in celebrating our 2023 Geography graduates. Ticketing information coming soon!

OPPORTUNITIES AROUND CAMPUS



ARE YOU A FIRST GENERATION COLLEGE STUDENT?

On Friday, April 21st, 2023, the University of Georgia will induct new members into Alpha Alpha Alpha (Tri-Alpha), a national honor society that recognizes the academic achievements of first-generation college students.

All eligible undergraduate and graduate students and faculty/staff are invited to be inducted into the Tri-Alpha First Generation Honor Society.

LEARN MORE & APPLY NOW!



WUOG 90.5, UGA's student-run radio station, is now accepting applications for on-air PSAs for the Spring 2023 semester. If you've been wanting to get the word out about your student org, initiative, or nonprofit organization, [here's the place to do it!](#)



The Student Affairs Diversity Fund Allocations Committee is currently taking applications for proposals for this academic year. This fund supports campus diversity initiative that promote understanding, inclusion and acceptance. [Apply here!](#)



Fresh Express is a new student-led emergency food assistance program, striving to serve University of Georgia students with balanced meals. [Sign up here.](#)



Join us every Friday for International Coffee Hour from 11:30am to 1:00pm in the Memorial Hall Ballroom! 11:30am - 1:00pm | Memorial Hall Ballroom

Campus-wide events:



Anxiety Management Workshop April 19th 11am-12pm [Online](#)

Join us for this four-part rotating series on managing stress & anxiety. You will learn how to identify your own stress and anxiety as it arises, and explore some early warning signs, triggers, and ways of coping.

GET YOUR FLU SHOT ON CAMPUS.

Flu shots are available at the UHC Available without appointment 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.



Pride Center: All Tuesdays
Let's Talk 10:30am-12:30pm UGA Pride Center

Let's Talk is a drop-in service hosted by Counseling & Psychiatric Services (CAPS) clinicians that offers informal, confidential consultation.

STUDENT OPPORTUNITIES

UNDERGRADUATE STUDENTS

- [Shell to Shore Internship Opportunities](#)

Shell to Shore is an oyster recycling program based in Athens. They are transporting oyster shells from inland tables to the shore. Their goal is to connect this natural resource to restoration projects on the Georgia coast.

The main responsibilities during the internship include assisting with collecting oyster shells from restaurants weekly in Athens, Augusta and Atlanta as well as helping expand the network of restaurants they work with. Additionally, interns will learn about oyster culture, help expand educational capacity as well as assist finding new sources of funding to expand the project among other opportunities.

Internships can be taken for academic credit with me (through GEOG 3990; see link for internship policy: <https://geography.uga.edu/internships>).

Please reach out to Dr. Nik Heyen (nheyen@uga.edu) directly if you have any questions and/or are interested in applying for an internship.

- [GIS Transportation Intern- NEGRG](#)

The Northeast Georgia Regional Commission (NEGRG) is seeking a qualified GIS (Geographic Information System) Transportation Intern within its Planning & Government Services (PGS) Division. The GIS Transportation Intern will assist PGS staff with GIS work related to transportation infrastructure mapping in the Northeast Georgia region through the Roadway Element Validation and Mapping Program (REVAMP) and other general planning related activities. Responsibilities will include data validation, capture, and creation, as well as the development of maps and graphics. This position will primarily involve inn-office work, with flexible scheduling to accommodate academic schedules as appropriate. [Learn more here](#) or submit resume and cover letter abailey@negrc.org to apply.



Construction Advisory Sanford Stadium

Construction activities for Phase 1 of the Sanford Stadium South Side Improvements will begin on November 28, 2022 and continue through August 2023.

A portion of sidewalk will be closed on the east side of Sanford Drive between Field Street and Hooper Street. A temporary crosswalk will be added for crossing at Sanford Drive in line with the east Tate Student Center pedestrian bridge.

UGA Spring Academic Calendar 2023

As we kick off another Spring semester, it may be helpful to keep these key dates in mind!

Spring 2023

Orientation/Advisement...	Jan. 5
Classes Begin...	Jan. 9
Drop/Add...	Jan. 9-13
MLK Holiday...	Jan. 16
Midterm...	Mar. 2
Spring Break...	Mar. 6-10
Withdrawal Deadline...	Mar. 23
Classes End...	May 1
Reading Day...	May 2
Final Exams...	May 3-9
Graduate Commencement..	May 11
UG Commencement...	May 12
Grades Due...	May 15

Follow us on social media!



GRADUATE STUDENTS

- [Postdoctoral Opportunity: Remote Sensing Of Agricultural Systems](#)

The Center for Geospatial Research at the Department of Geography and the Department of Statistics at the University of Georgia, in collaboration with the USDA-Agricultural Research Service, are seeking a Postdoctoral Associate to investigate relationships between plant biometrics collected in the field and plant descriptors derived from drone-based remote sensing. The selected candidate will join a team of researchers and will collect, assemble and analyze geospatial datasets including direct field measurements and remotely-sensed observations of plot and field areas in support of long-term agroecosystem research.

The successful candidate will hold a PhD degree with training in plant ecology, agronomy, geography, or related physical sciences, with specific expertise in analytical methods and techniques, including remote sensing and the processing of datasets collected directly in the field.

Interested candidates should send a CV, statement of research interests (no more than two pages) and a copy of graduate transcripts (unofficial transcripts are acceptable) to Dr. Sergio Bernardes (sbernard@uga.edu) and to Dr. Alisa Coffin (alisa.coffin@usda.gov). This is a one-year position renewable for three more years, based on performance and availability of funds. The position is based at the USDA-ARS facility in Tifton, Georgia. Expected start date is Summer/Fall 2023.

STUDENT OPPORTUNITIES

UNDERGRADUATE, GRADUATE, & UGA COMMUNITY

- [Fall 2023 Sustainability Internships Now Accepting Applications](#)

Are you a UGA student who's passionate about the just and ethical integration of social, environmental, and economic solutions? Apply for a Fall 2023 Internship with the Office of Sustainability! Deadline is April 7th.

<https://sustainability.uga.edu/student-programs/internships/>

List of open Fall 2023 Internship Positions

Campus Compost Intern- 2 positions open

Bee Campus- 1 position open

UGA Living Labs Intern- 1 open position

Green Roof/Green Zone Intern- 1 position open

Strategic Communications- 1 position open

Sustainability Certificate Intern- 1 position

Zero Waste Events Intern- 1 position

Commissioning (Cx)/Energy Informatics Intern- 1 position

Operational Water Safety and Efficiency Intern- 1 position

Shells to Shore Intern - 1 position

UGArden Compost- 1 position

Campus Kitchen Communications- 1 position

Zero Waste Athletics- 1 position

- [MS/PhD Research Assistantship in Marine Science \(Physical Oceanography\) at USC](#)

The Satellite Oceanography Laboratory at the University of South Carolina, Columbia invites applications from qualified students to our MS/PhD. (Marine Science) in the School of the Earth, Ocean and Environment (SEOE) at the University of South Carolina (USC) to work on problems in Physical Oceanography/ Satellite Oceanography/ Ocean Modelling/Air-Sea Interaction/Tropical Ocean Circulation, and Dynamical Processes. The Satellite Oceanography Laboratory is funded by many federal agencies: NASA/NOAA/ONR.

Bachelor's or Master's degree in Oceanography/Physical Oceanography/ Marine Science/ Meteorology/Atmospheric science is required. Applicants should have strong Physics, mathematical and computer programming skills in Matlab/Python/.

Full Funding is available starting in Summer/Fall 2023 for these projects:

1. Understanding the Gulf of Mexico Loop Current dynamics
2. Influence of Mesoscale and Submesoscale structures on the Mixed Layer Dynamics using SWOT altimetry
3. Understanding the Generation Mechanisms of the Internal Waves in the Bay of Bengal

Interested applicants are encouraged to send an unofficial transcript and current resume to: sbulusu@geol.sc.edu. NO GRE SCORES are required.

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 2023 OPPORTUNITIES

- [Community Mapping Lab Summer Assistantship](#)

The Community Mapping Lab here in Geography has two ongoing projects looking for students over the summer.

The first is work digitizing the 1958 Athens City Directory. A lot of this will be data cleaning on a spreadsheet, but it may also involve some geocoding.

The second involves analysis of data related to evictions in Athens, in coordination with a few local groups including the Athens Housing Advocacy Team.

The expectation would be 5-7 hours of work per week over 10 weeks of the summer term, with some schedule flexibility. GIS/Data wrangling experience preferred but not necessary.

If you're interested, email jshannon@uga.edu before April 15.

- [Ten AmeriCorps Summer Associate positions now available](#)

Build your skills and serve your community this summer! The UGA Office of Service-Learning has ten full-time Summer Associate positions available for serving in direct-service and capacity-building roles for local education and anti-hunger initiatives, through our AmeriCorps Network. UGA's AmeriCorps Summer Associates serve full-time for nine weeks with their partner agency, May 30 to July 31, 2023, and receive a small living allowance (just over \$3,000, paid biweekly at \$48.22/day) and an end-of-service education award (\$1,459). See more about Summer Associate benefits at <https://www.americorps.gov/members-volunteers/vista/summer-associates>.

Applications for these UGA Summer Associates are now open (closing May 3, but positions will likely be filled sooner); see the descriptions and application links below. AmeriCorps Summer Associates must be at least 18 and must be US citizens or permanent residents. The Summer Associates will collaborate with each other across these placements as well and will receive training and support from the Office of Service-Learning and their placement site.

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>



Department of Geography

Franklin College of Arts and Sciences

UNIVERSITY OF GEORGIA

UGA GEOGRAPHY
PRESENTS- 2023 EARTH DAY LECTURE
"SOCIAL-ECOLOGICAL
RELATIONSHIPS SHAPE HAZARD
RISK PERCEPTION AND DISASTER
RISK REDUCTION: AN ONGOING
PLACE-BASED STUDY IN ICELAND"

FRIDAY, APRIL 21
3:45PM - GEOG ROOM 200D



With
**Dr. Michelle
Ritchie**
of the University of
Georgia's College of
Public Health



U.S. STUDENT FULBRIGHT PROGRAM

2024-2025



*Grants for English
Teaching Assistantships
and Research, Study,
and Creative Projects
Abroad*

CAMPUS DEADLINE: SEPTEMBER 5, 2023

Interested? Attend an information session this spring!

ENGLISH TEACHING ASSISTANTSHIPS (ETAS)

UNDERGRADUATES & MASTER'S STUDENTS

Session #1: Monday, April 24 | 3:30-4:30 PM | 102 Moore Hall
Featuring Foreign Language Teaching Assistants at UGA

Session #2: Tuesday, April 25 | 12:30-1:30 PM | Zoom
Featuring UGA alumni serving as English Teaching Assistants abroad

Session #3: Thursday, April 27 | 12:30-1:30 PM | Zoom
Featuring UGA alumni serving as English Teaching Assistants abroad

RESEARCH / STUDY / CREATIVE GRANTS

UNDERGRADUATES & MASTER'S STUDENTS

Tuesday, April 18 | 5:00-6:00 PM | 102 Moore Hall
Featuring Kyle Patel '21, Fulbright Student Research Fellow in India

RESEARCH / STUDY / CREATIVE GRANTS

PHD STUDENTS

Wednesday, May 3 | 2:00-3:00 PM | Webinar
Featuring Fulbright alumni on funding for PhD dissertation research

This U.S. Student Fulbright competition is open to U.S. citizens who will have, at minimum, a bachelor's degree completed by spring 2024.

Note to undergraduate juniors - if you want to go abroad on a Fulbright year after graduation, now is the time to begin working on your application!

Join the 2024-2025 Fulbright Applicant Listserv to receive information session notices, Zoom links, and updates on preparing for the 2024-2025 competition:

