The Graticule Weekly
UGA's Geography Newsletter

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

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
UPCOMING EVENTS

**SHELL TO SHORE’S 2nd ANNUAL SHELLFEST**

OYSTERS, DRINKS, LIVE MUSIC!
SUNDAY, APRIL 16th
3PM - 7PM

**TICKETS NOW ON SALE!**

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!

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!

**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 Day Lecture**
April 21
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 Coffee Break**
April 28th
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!

**2023 Undergraduate Awards Ceremony**
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!

**GEOG UGDR Graduation Celebration**
May 11th
3:45pm
Room 200C
Join us in celebrating our 2023 Geography graduates. Ticketing information coming soon!
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!

NEED FUNDING FOR YOUR PROGRAMS?

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!

Flu shots are available at the UHC

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.

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.

OPPORTUNITIES AROUND CAMPUS

Campus-wide events:

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!

• 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!

• 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

• 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!
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 - NEGRC
  The Northeast Georgia Regional Commission (NEGRC) 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 in-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.

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 Calonius.

- [Facebook](https://www.facebook.com/GeographyDepartmentUGA/)
- [Twitter](https://twitter.com/ugaGeography)
- [Instagram](https://www.instagram.com/geographyuga/)
- [Website](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.
In a recent UGA Today press release, Dr. Herod comments on receiving the award: “I am thrilled to have been selected as a John Simon Guggenheim Memorial Foundation Fellow and to be in the company of so many accomplished individuals across myriad academic and creative fields,” said Herod, an economic geographer who also serves as director of the UGA à Paris Study Abroad Program. “I want to thank the Guggenheim Foundation for this recognition, together with the many people at UGA who have helped me during the course of my career and whose support has enabled me to achieve this honor.”

“Herod’s scholarship focuses on the nature and spatial dynamics of economic transformation. His research projects range from exploring how containerization impacted the labor process and the geography of work in the East Coast longshoring industry to how the collapse of Communism affected the organization of work and worker organization in the former Eastern bloc... Herod’s Guggenheim project is about the U.S. and international poultry industry, and includes a planned book, “Chicken: A Geographical Political Economy.” Learn more about Dr. Herod’s Research Here!

**FACULTY SPOTLIGHT**

**Dr. Andrew Herod Awarded Guggenheim Fellowship**

Last week, the John Simon Guggenheim Memorial Foundation announced the 2023 Guggenheim Fellowships. Of 2500+ applicants, 171 scientists, writers, scholars, and artists were selected, including UGA Distinguished Research Professor of Geography, Dr. Andrew Herod. Guggenheim Fellowships are awarded to those “who have demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts.”

**UPCOMING DEFENSES**

- **Mon 4/17**
  - Alison Banks- Oral Comprehensive Examination
    - April 17, 2023, 10am, GEOG Room 147, Zoom

- **Tues 4/18**
  - Ryan Palmer- Thesis Proposal Defense
    - "Monitoring of a Longleaf Pine Ecosystem Restoration Site Using UAS-based Remote Sensing and Deep Learning Analysis"
    - April 21, 2023, 9:30am-11:30am, GEOG Room 147

- **Fri 4/21**
  - Akanksha Sharma- Dissertation Proposal Defense
    - "Examining Geo-Socio-Ecological Vulnerabilities & Transformations in Eastern India"
    - April 18, 2023, 9:00-11:00am, GEOG Room 147

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 Calonius well in advance.

Tomorrow is G-Day! Please note that parking will not be available in the Tate Deck, N10, N09, N08, E12, and S06 lots on the day of the event. Therefore, permit holders in these lots must vacate their spaces by 5:00 am on April 15th to ensure that adequate parking is available for event attendees. Towing will be enforced in these lots, so please plan accordingly.

Follow us on social media!
UPCOMING EVENTS

**GeoAI Seminar**

April 18th
Via Zoom
9:30-11:00am

Join us for a GeoAI Seminar with Dr. Weiming Huang from Nanyang Technological University's School of Computer Science and Engineering. This seminar will be presented via Zoom. [Register here!]

**2023 Undergraduate Awards Ceremony**

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!

**2023 Earth Day Lecture**

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

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 Coffee Break**

April 28th
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!

**GeoAI Seminar with Dr. Weiming Huang**

April 21st
Geog Room 200D 3:45pm

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."

**APIDAPA, Asian Pacific Islander Desi American Political Alliance**

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.

**2023 Graduation Celebration**

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

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

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

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.
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 - NEGRC**
  The Northeast Georgia Regional Commission (NEGRC) 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.

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 Calonius.

https://www.facebook.com/GeographyDepartmentUGA/
https://twitter.com/UGaGeography
https://www.instagram.com/geographyuga/
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.
CONGRATS, HONOREES!

2023 Undergraduate Honors & Awards Recipients
This past week, we celebrated our award-winning undergraduate students in the Geography Department at our annual Honors and Awards Ceremony. Congratulations to the following award recipients!

**Kelly Neighbour**  
Merle C. Prunty, Jr.  
Undergraduate Scholarship

**Max Davis**  
Atlas Award for Academic Excellence

**Max White**  
Atlas Award for Academic Excellence

**Christian Walker**  
NCGE/AAG Outstanding Senior Award

**Claudia White**  
NCGE/AAG Outstanding Senior Award

**Steven Janke**  
Alumni Award

**Killian McSweeney**  
Alumni Award

**Jada Smith**  
Alumni Award

**Kathryn Boyle**  
De Vorsey Travel Award

Continued on next page:

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.

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!
2023 Undergraduate Honors & Awards Recipients (Continued)

Elijah Humphries
De Vorsey Travel Award

Casey Serrano
Engagement and Community Outreach (ECO) Award

Karissa Chilcote
Engagement and Community Outreach (ECO) Award

Kelly Neighbour, Jada Smith, Faiza Mohammed (Not Pictured), Timothy Naff (Not Pictured)
Gamma Theta Upsilon International Geographic Honor Society

Max White, Jordanne Brisby, Ethan Leclerc, Ben Thigpen, Jada Lamar (Not Pictured)
Chi Epsilon Pi National Meteorology and Atmospheric Sciences Honor Society

Upcoming Defenses

Max Appelbaum - Thesis Proposal Defense
"Urban Heat Island Investigations of the Augusta, Georgia Metropolitan Statistical Area."
April 26, 9-11am, GEOG Room 147, Zoom

Chintan Maniyar - Dissertation Proposal Defense
"Detection, Driver-Response Analyses and Forecasting of Cyanobacterial Harmful Algal Blooms in Inland Waters Under a Changing Climate."
April 27, 1-3 pm, GEOG Room 147, Zoom

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 Calonius.

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

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

https://twitter.com/ugaGeography

https://geography.uga.edu
**UPCOMING EVENTS**

**Fri. 5/5**  
Friday, May 5th  
12-3 pm  
Athens Public Library

Join us for presentations from students in the Community GIS class at UGA, hosted by the Athens Housing Advocacy Team. Free lunch for the first 50 people, local housing resources, free "know your renter’s rights" workshop

**Thurs. 5/11**  
Thursday, May 11th  
3:30 pm  
GEOG Room 200C

Join us in celebrating our 2023 Geography graduates. Reserve your tickets here! Please note that tickets are currently limited to 2/graduate. On May 1st, we’ll increase this cap to 4 tickets/graduate.

**5/15-5/17**  
May 15-17  
Georgia Center for Continuing Education & Hotel

The 2023 Georgia Climate Conference aims to support and accelerate Georgia’s efforts to take practical steps to minimize the risks and maximize the opportunities associated with a changing climate.

**Wed.**  
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:**

**Course Evaluations**  
April 21- May 15  
Available Now

Click here to complete your Spring 2023 Course Evaluations!  
Student feedback on instructional effectiveness is an important tool. Your comments are appreciated!

**Final Friday Coffee Break**  
April 28th  
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 Graduation Celebration**  
May 11th  
3:30pm  
Room 200C

Join us in celebrating our 2023 Geography graduates. Reserve your tickets here! Please note that tickets are currently limited to 2/graduate. On May 1st, we’ll increase this cap to 4 tickets/graduate.
**OPPORTUNITIES AROUND CAMPUS**

**Spring 2023 Course Evaluations**

Please follow these five simple steps to completing your course evaluation:

1. Scan the QR to the right.
2. Login using your UGA MyID and password. Your identity will not be associated with your responses.
3. Select the course/instructor to evaluate. Evaluations must be completed for each course listed.
4. Follow the on-screen instructions to complete your evaluation. Unless otherwise specified, responses are required to all questions. You may enter “No Comment” or “NC” in the short answer section if you wish.
5. Click the Enter Evaluation button to submit your evaluation. Once you submit, you will not be able to make changes, if you need to complete evaluations for additional courses, return to Step 3.

**THE UGA GREEN LABS PROGRAM IN PARTNERSHIP WITH UGA UTILITY & ENERGY MANAGEMENT INVITES YOU TO**

**JOIN THE 2023 INTERNATIONAL LABORATORY FREEZER CHALLENGE**

**WIN A NEW ULTRA-LOW FREEZER FOR YOUR LAB!**

The Freezer Challenge is a global competition designed to promote best practices in cold storage management for freezers, refrigerators, and cold rooms.

Join the competition and gain credit for any action taken now through July 1, 2023!

For assistance, contact anna.lents@uga.edu

**UGA Green Labs | greenlabs.uga.edu**

---

**Campus-wide events:**

---

**University Health Center**

**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.

---

**Anxiety Management Workshop**

April 26th

**Workshop**

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.

---

**International Coffee Hour**

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

---

**UGA Pride Center**

**Let’s Talk**

All Tuesdays

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.
The Graticule Weekly
UGA's Geography Newsletter

FACULTY SPOTLIGHT

Dr. Gengchen Mai Awarded 2023 AAG Nystrom Award

We are thrilled to announce that UGA Geography Professor, Dr. Gengchen Mai, has been awarded the 2023 AAG Nystrom award for his research: "Towards general-purpose representation learning of polygonal geometries." In 2022, Dr. Mai was honored with another AAG award, The William L. Garrison Award for Best Dissertation in Computational Geography for his dissertation, “Geographic Question Answering with Spatially-Explicit Machine Learning Models.”

The Nystrom Award was established in 1980 by former AAG executive director J. Warren Nystrom to support an annual prize for the most outstanding paper based on a recent dissertation in geography within a three-year period. Congratulations, Dr. Mai!

Learn more about Dr. Mai's work here and consider taking one of his upcoming Fall 2023 courses!

UPCOMING DEFENSES

Alison Banks- Oral Comprehensive Examination
April 28, 2023

Akanksha Sharma- Oral Comprehensive Exam
"Examining Geo-Socio-Ecological Vulnerabilities & Transformations in Eastern India"
May 8, 2023

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

**Fri. 5/5**
Friday, May 5th
12-3 pm
Athens Public Library

Join us for presentations from students in the Community GIS class at UGA, hosted by the Athens Housing Advocacy Team. Free lunch for the first 50 people, local housing resources, free "know your renter's rights" workshop.

**Thurs. 5/11**
Thursday, May 11th
3:30 pm
GEOG Room 200C

Join us in celebrating our 2023 Geography graduates. Reserve your tickets here! Please note that tickets are currently limited to 2/graduate. On May 1st, we’ll increase this cap to 4 tickets/graduate.

**5/15-5/17**
May 15-17
Georgia Center for Continuing Education & Hotel

The 2023 Georgia Climate Conference aims to support and accelerate Georgia’s efforts to take practical steps to minimize the risks and maximize the opportunities associated with a changing climate.

**Wed.**
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:**

**Course Evaluations**
April 21-
Available Now
May 15

Click here to complete your Spring 2023 Course Evaluations!
Student feedback on instructional effectiveness is an important tool. Your comments are appreciated!

**Final Friday Coffee Break**
April 28th
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 Graduation Celebration**
May 11th
3:30pm
Room 200C

Join us in celebrating our 2023 Geography graduates. Reserve your tickets here! Please note that tickets are currently limited to 2/graduate. On May 1st, we’ll increase this cap to 4 tickets/graduate.
OPPORTUNITIES AROUND CAMPUS

Spring 2023 Course Evaluations

Available
April 21 - May 14

Course Evaluations Site:

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.

THE UGA GREEN LABS PROGRAM IN PARTNERSHIP WITH UGA UTILITY & ENERGY MANAGEMENT INVITES YOU TO
JOIN THE 2023 INTERNATIONAL LABORATORY FREEZER CHALLENGE
WIN A NEW ULTRA-LOW FREEZER FOR YOUR LAB!

The Freezer Challenge is a global competition designed to promote best practices in cold storage management for freezers, refrigerators, and cold rooms.

Join the competition and gain credit for any action taken now through July 1, 2023!

For assistance, contact annlaincz@uga.edu
UGA Green Labs | greenlabs.uga.edu

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.

Anxiety Management
Workshop
April 26th
11am-12pm

Workshop
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.

Volunteers Wanted

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

International Coffee Hour

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