

The Graticule Weekly

UGA Geography's Weekly Newsletter



RESEARCH SPOTLIGHT

UGA Geography Researchers Study Algal Blooms with CyanoTRACKER Project



The team is posting pictures from these efforts as it builds data collected to do impactful work on CyanoHABs.

The CyanoTRACKER project, a collaboration between UGA researchers, collects and integrates community reports, remote sensing data and digital image analytics to detect and differentiate between regular algal blooms and Cyanobacterial Harmful Algal Blooms (CyanoHABs). As the frequency and magnitude of CyanoHABs have grown, particularly in the summer months, CyanoTRACKER offers accurate, cost-effective, and targeted monitoring of these events that seamlessly integrates community observations, remote sensing measurements, and advanced multimedia analytics for effective CyanoHABs monitoring.

The CyanoTRACKER team has begun to implement large-scale fieldwork to make cyano monitoring and prediction better as part of the CyanoTracker work. With plans to visit many cyano-prone waterbodies across the continental U.S. in the next 3 months.

With support from NASA, the team recently partnered with Cleveland State University on field work with the University of Wisconsin, Green Bay, to collect radiometric measurements and water samples.

"We have planned and are starting to implement a massive effort for large-scale fieldwork to make cyano monitoring and prediction better as part of the CyanoTRACKER work," said Deepak Mishra, Merle C. Prunty, Jr. Professor, associate head of the department of geography in the Franklin College of Arts and Sciences, and Project P.I. on CyanoTRACKER. "We are partnering with many state universities and state agencies to visit many cyano-prone US waterbodies in the next 3 months."

Read the full article [here!](#) This article was written by Alan Flurry and originally appeared in [The Franklin Chronicles](#), Franklin College's news blog.

GIS DAY 2024 - VOLUNTEERS NEEDED!



GIS Day 2024 is right around the corner! This year's event will take place on Wednesday, November 20th. Jerry Shannon, Associate Professor in the Department of Geography, is part of the group that's started planning for GIS Day 2024 and needs your help! See the following message from Dr. Shannon:

If you haven't heard of GIS Day before, it's a national event that highlights the research and other work being done with GIS inside and outside the academy. Our current schedule includes a networking fair, graduate student poster and paper competitions, and an expert panel discussion. Roles range from joining the planning team (biweekly to weekly meetings) through providing help for an hour or two on the day itself. This has often been a great chance for students to get to know one another better and learn more about careers using GIS. You can indicate your interest in volunteering by filling out the Google Form on our [Linktree page](#). For more information, email Dr. Shannon at jshannon@uga.edu.

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 the Geography Department's Communication Coordinator 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 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](#).

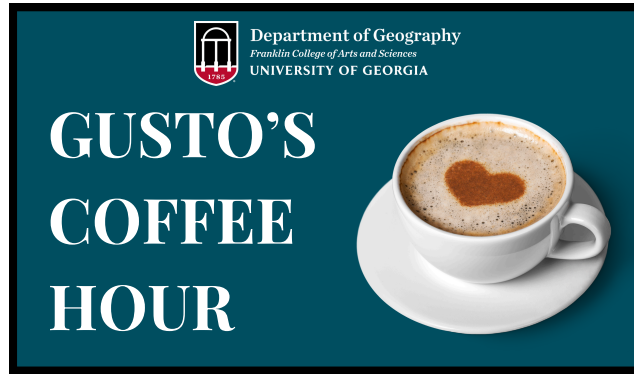
Follow us on social media!



UPCOMING EVENTS



September 23
12 - 1 pm
GGY 147



Mark your calendars! All are welcome at GUSTO's first Coffee Hour of the semester. Get to know your department over a fresh cup of joe! This is a great casual opportunity to make friends and network.



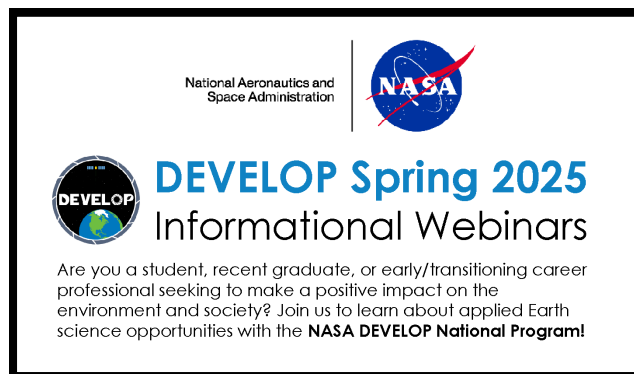
September 19th
12-5pm
Classic Center



Meet with recruiters seeking students to fill both internship and full-time opportunities. Please dress professionally and bring copies of your resume! [Learn more here!](#)



September 24th
Online
4-5pm



Want to learn about applied Earth science opportunities? Attend a NASA Develop Information Session! See the flyer at the end of this week's newsletter for more information.



Sept. 26
4 -5 pm
MLC 213



The Sustainability Certificate equips students with the skills to make significant, systemic changes in their communities, paving the way for a more sustainable future. Learn more at this info session!

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>

OPPORTUNITIES AND ANNOUNCEMENTS

WE'RE HIRING!

UGA GEOGRAPHY IS CURRENTLY SEEKING NEW FACULTY TO JOIN OUR DEPARTMENT!

Assistant Professor, Geospatial AI

The Department of Geography invites applications for a tenure-track faculty position at the rank of Assistant Professor specializing in Geospatial AI (GeoAI) applied to hydrological and ecosystem science. The new faculty member will join a cluster of 6 faculty who constitute Environmental Artificial Intelligence Cluster funded by Presidential Faculty Hiring Initiative.

[Learn More About the GeoAI Position](#)

Assistant Professor, Physical Geography/Atmospheric Sciences

The Department of Geography at the University of Georgia seeks an interdisciplinary scholar whose work links the hydrologic cycle to earth surface processes with a focus on natural hazards. The candidate will engage research and instruction in areas that might include physical geography, hydrology, earth system hazards (e.g., floods, droughts, landslides, hurricanes), risk and vulnerability.

[Learn More About the Physical Geography / ATSC Position](#)

Prioritize Your Well Being:

Change Stress Into Success

Change Stress Into Success
September 25th
1:00 - 1:50pm
Online - See UHC Site for details

Join us for this four-part rotating series on managing stress & anxiety. You will learn how to identify and manage your own stress and anxiety as it arises.



"Let's Talk"

Let's Talk
September 26th
4:00 - 5:00pm
SLC Room 136

Drop-In Consultations with CAPS Clinicians. Free and Confidential (for UGA students)



JOIN THE GEOGRAPHY UNDERGRADUATE GROUPME!

All UGA Geography and Atmospheric Sciences undergraduate students are invited to join our new UGRD GroupMe - scan the QR to join!



UMatter

UMatter
September 25th
5:30-7:00pm
MLC 213

Step into our 60-90 minute interactive upstander intervention program, where college students will be given the knowledge and skills to take action when they see someone in need. Change the narrative and become an upstander. All participants will receive a free Fontaine T-Shirt!

OPPORTUNITIES & ANNOUNCEMENTS

Interdisciplinary Sustainability Certificate INFORMATION SESSION

September 26, 2024

MLC 213, 4-5pm

Pursue your **PASSION!**



- Gain the knowledge skills, and abilities needed to innovate creative solutions to complex local and global challenges.
- Open to undergraduate or graduate students from any major.

 UNIVERSITY OF GEORGIA
Sustainability Certificate



Ready to make significant change in your community and the world?

Register for the Info Session with the QR Code or
Learn more at:
www.sustainability.uga.edu/certificate/about

 Precision One Health Initiative
UNIVERSITY OF GEORGIA

REGISTER TODAY

PROGRESS

A Precision One Health Initiative Symposium

THURSDAY, NOVEMBER 7TH, 2024
UGA Center for Continuing Education
8:30 AM - 6:00 PM



For the agenda, registration, & more, scan the QR code.

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Follow us on social media!



OPPORTUNITIES AND ANNOUNCEMENTS

- [Call for GIS Day Volunteers](#)

GIS Day 2024 will be held on Wednesday, November 20th -- we need your help!

If you haven't heard of GIS Day before, it's a national event that highlights the research and other work being done with GIS inside and outside the academy. ESRI is a main organizer, and you can see more on their page [here](#).

Our current schedule includes a networking fair, graduate student poster and paper competitions, and an expert panel discussion.

Volunteer roles range from joining the planning team (biweekly to weekly meetings) through providing help for an hour or two on the day itself. This has often been a great chance for students to get to know one another better and learn more about careers using GIS.

You can indicate your interest in volunteering by filling out the [Google Form](#) on [our Linktree page](#).

- [Spring 2025 Inside Out Prison Exchange Program](#)



INSIDE-OUT
PRISON EXCHANGE PROGRAM
APPLICATION NOW OPEN!

THE INSIDE-OUT PROGRAM IS AN "EXPERIENTIAL LEARNING" OPPORTUNITY LIKE NO OTHER. THIS COURSE BRINGS TOGETHER A SMALL GROUP OF STUDENTS FROM UGA AND A GROUP OF RESIDENTS INSIDE THE CLARKE COUNTY JAIL TO EXCHANGE IDEAS AND PERCEPTIONS ABOUT CRIME AND JUSTICE, THE CRIMINAL JUSTICE SYSTEM, AND IMPRISONMENT.

**DEADLINE TO APPLY:
WEDNESDAY, OCTOBER 16TH**

APPLY NOW

EXCITING NEWS!
2 SECTIONS OFFERED FOR SPRING 2025!
SOCI 4470S & PHIL 3700S

QUESTIONS?
SSHANNON@UGA.EDU

Social Media

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



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



<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

OPPORTUNITIES AND ANNOUNCEMENTS

**GET YOUR
FLU SHOT ON CAMPUS!** #FLUGA
NO OUT-OF-POCKET COST FOR STUDENTS!

#BeWellUGA

**SCAN TO FIND
DATES & LOCATIONS**



UNIVERSITY OF
GEORGIA



University Health Center
College of Pharmacy
Well-Being Resources

Bring your UGA ID
& Insurance Card!

- [Michigan State University Assistantships/Fellowships](#)

The Population Division of the U.S. Census Bureau has employment opportunities for people with skills in geography/GIS, programming, data science, and related fields.

To apply, please visit [USAjobs.gov](https://www.usajobs.gov) and enter "Census Bureau" in the keyword search to see current postings and complete an application, or go directly to the posting page below. This posting will remain open until Tuesday, September 17, or until 100 applications are received. <https://www.usajobs.gov/job/807934800>

We are looking for highly qualified people with training in GIS, Python and R, and population geography or demography. Salaries reflect experience and the level of education completed. All positions require U.S. citizenship. Census HQ is in the Washington, DC, area and is located next to a subway station. If you or your students have questions about these positions, please contact: Joshua.Comenetz@census.gov.

- [UGA Fall Career & Internship Fair](#)

Date: September 23, 2024

Time: 12:00 pm until 5:00 pm

Location: Classic Center

Meet with recruiters seeking students to fill both internship and full-time opportunities. Please dress professionally and bring copies of your resume!

Shuttles will run from campus to the Classic Center between 11:30 am and 5:00 pm.

Visit career.uga.edu/calendar for a list of Career Center events and workshops to prepare for the Fair.



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Into Success 1:00 - 1:50pm
Online - See UHC
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University Health Center
Student Affairs
UNIVERSITY OF GEORGIA

"Let's Talk"

Let's Talk September 26th
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Drop-In Consultations with CAPS Clinicians. Free and Confidential (for UGA students)

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STUDENT & FACULTY OPPORTUNITIES

- [U.S. Census Bureau - Population Division Geographer Vacancy](#)

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To apply, please visit [USAjobs.gov](https://www.usajobs.gov) and enter "Census Bureau" in the keyword search to see current postings and complete an application, or go directly to the posting page below. This posting will remain open until Tuesday, September 17, or until 100 applications are received. <https://www.usajobs.gov/job/807934800>

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- [Collegiate Assistant Professor in Meteorology](#)

The Department of Geography at Virginia Tech is seeking applicants for the position of Collegiate Assistant Professor in the area of meteorology. This is a full-time, 9-month appointment with an anticipated start date of August 2025.

We seek candidates with a passion for undergraduate instruction in meteorology who are able to offer courses in some combination of weather analysis and forecasting, mesoscale meteorology, atmospheric remote sensing, and other courses within the candidate's area of expertise.

[Learn More & Apply Here!](#)

- [Auburn U - Postdoctoral Fellow - Community Geography and Community GIS](#)

The Department of Geosciences at Auburn University invites applications for a new Postdoctoral Fellow position in Community Geography and Community Geographic Information Systems.

The successful candidate will co-lead the Citizen Science GIS lab's broader research and education efforts (e.g., community geography, GIS, UAV/drones, geoscience education, student mentoring, fieldwork, and outreach).

[Learn more and apply here!](#)



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DEVELOP Spring 2025 Informational Webinars

Are you a student, recent graduate, or early/transitioning career professional seeking to make a positive impact on the environment and society? Join us to learn about applied Earth science opportunities with the **NASA DEVELOP National Program!**

Friday, September 6, 2024
2-3pm ET

Meeting link [HERE](#)
tinyurl link: <https://tinyurl.com/2e8fje4t>

Tuesday, September 24, 2024
4-5pm ET

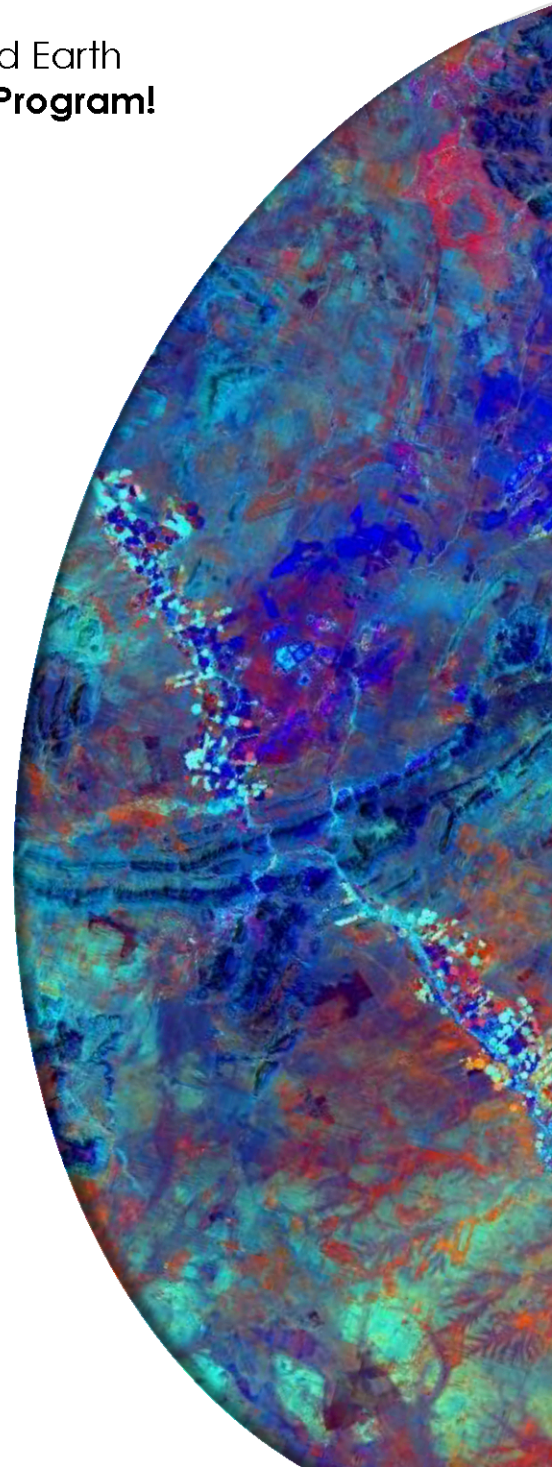
Meeting link [HERE](#)
tinyurl link: <https://tinyurl.com/pft8r8xu>

About DEVELOP

The **NASA DEVELOP National Program** addresses environmental and public policy issues through interdisciplinary research projects that apply the lens of NASA Earth observations to community concerns around the globe. Teams of DEVELOP participants partner with decision makers to conduct 10-week, rapid feasibility projects that highlight relevant applications of NASA Earth observing missions, cultivate advanced skills, and increase understanding and use of NASA Earth science data and technology.

Website: appliedsciences.nasa.gov/nasadevelop

Contact: NASA-DL-DEVELOP@mail.nasa.gov





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

