

# The Graticule Weekly

UGA's Geography Newsletter



## RESEARCH SPOTLIGHT

Dr. Christopher Elcik's New Research Reveals Demand for Weather-Based Pain Forecasts



Christopher Elcik,  
Geography/ Atmospheric  
Sciences Lecturer

Weather can be a significant consideration in day-to-day planning for those who experience chronic pain. A recent study, led by geography and atmospheric sciences lecturer Dr. Christopher Elcik, reveals a significant demand for new weather-based pain forecasts. Over half of the study's respondents also say they'd take preventative measures, such as medication, resting, or avoiding triggers if the hypothetical weather-based pain risk was high.

"We're finding more consistent relationships between weather patterns and pain, so it seems more possible to make weather-based pain forecasts," said lead author and geography/atmospheric sciences lecturer Christopher Elcik in an interview with [UGA Today's](#) Erica Techo.

"I see how much people can be affected by these types of pain, so if I can provide someone with insight into the level of risk for a day, maybe people can take steps to prevent the pain from happening," Elcik said. "There are preventative measures people can take if risks are higher."

[Read the full UGA Today story.](#)

&

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

## SCHOLARSHIP SPOTLIGHT

Graduate Student Kyle Steen Awarded ASPRS Government Services Scholarship

Please join us in congratulating Geography graduate student Kyle Steen for receiving this year's ASPRS (American Society for Photogrammetry and Remote Sensing) Government Services Scholarship. The ASPRS Government Services Scholarship provides financial assistance to upper-division and graduate students interested in a program of study to prepare for a governmental career in the geospatial mapping profession. Kyle is currently serving as the Vice President of the ASPRS UGA Chapter. Congratulations, Kyle!



Kyle Steen  
Geography Graduate Research  
Assistant & Vice President of  
ASPRS UGA Chapter

[Learn more about ASPRS \(American Society for  
Photogrammetry and Remote Sensing\) here!](#)

## 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 will remain busy as faculty, staff, students, and visitors navigate our campus. Prioritize your transportation safety and the safety of other's by checking out [the Watch For Dawgs](#) official website.



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

Follow us on social media!



# MARK YOUR CALENDAR



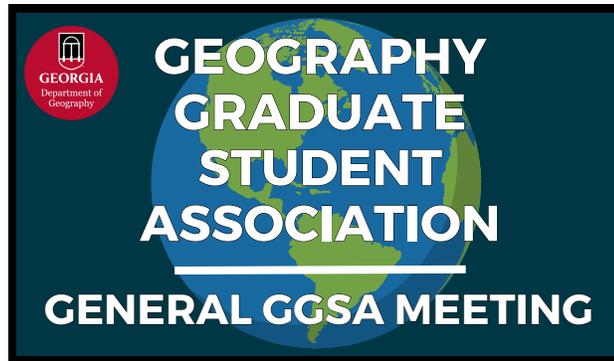
January 25  
6:30pm  
GGY Room 150

GUSTO (The Geography Undergraduate Student Organization) will be hosting a game night next Thursday, January 25th! All are welcome to attend!



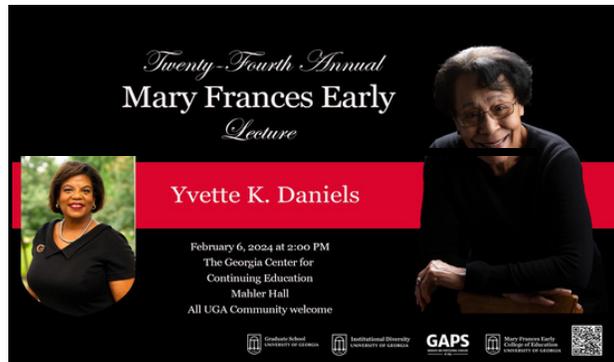
February 1  
10:00 - 11:30 am  
Location TBA

GGSA Executive will be hosting a general GGSA meeting. There will be coffee and pastries. We welcome folks to come and hang out and share their concerns/suggestions with executive.



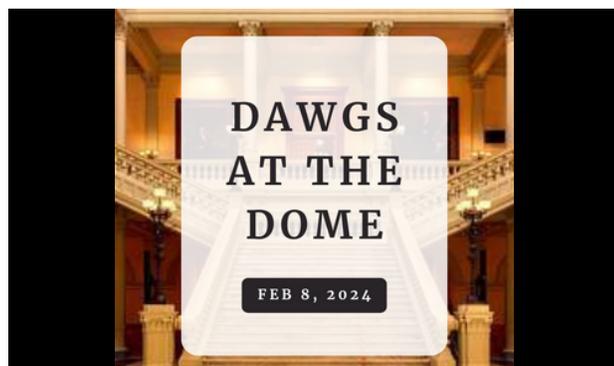
February 6  
2:00pm  
Georgia Center,  
Mahler Hall

The event is free and open to the public and will take place in Mahler Hall at the Georgia Center for Continuing Education.



February 8  
TBA  
Atlanta, GA

Dawgs at the Dome provides UGA students the opportunity to interact face-to-face with legislators and UGA alumni serving the state under the gold dome. Call 706-542-8101 for more information.



February 13  
4:00 - 5:00 pm  
Virtual Event

Are you a recent graduate, or early/transitioning career professional seeking to make a positive impact on the environment and society? Join us to learn about the NASA Develop Program!



## 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 Colonus.



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



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



<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

# DEVELOP YOUR CAREER WITH NASA!

The NASA DEVELOP National Program offers 10-week paid research opportunities for current students, recent graduates, and early/transiting career professionals of all fields. NASA DEVELOP projects utilize GIS and remote sensing to help partner organizations address environmental concerns with the aid of NASA Earth observation data. The DEVELOP Program operates, virtually and in-person, out of 15 locations across the US at NASA centers and regional locations, including UGA.

The Summer 2024 application window is open from January 15 - February 23, with the term taking place from June 3 - August 9. More details and how to apply can be found [here!](#)

## DEVELOP

## YOUR CAREER

with NASA's Applied Sciences' Capacity Building

### DEVELOP National Program

National Aeronautics and Space Administration

+++++  
+++++

### WHAT IS DEVELOP?

DEVELOP addresses environmental and public policy issues through interdisciplinary research projects that apply the lens of NASA Earth observations to community concerns around the globe. Bridging the gap between NASA Earth science and society, DEVELOP builds capacity in both participants and partner organizations to better prepare them to address the challenges that face our society and future generations. Teams of DEVELOP participants partner with decision makers to conduct rapid feasibility projects that highlight relevant applications of Earth observing missions, cultivate advanced skills, and increase understanding of NASA Earth science data and technology.

### PARTICIPANT OPPORTUNITIES

**Both In-Person & Virtual Opportunities:**

- » Conduct a 10-week feasibility study w/guidance of DEVELOP Advisors
- » Learn to apply Earth observation and geospatial data
- » Close daily collaboration with team members
- » Engagement with a decision-making partner organization
- » Creation of a set of deliverables that communicate the project's methods and results
- » Professional development opportunities & building of "soft" skills

**Additional In-Person Opportunities:**

- » In-person tours, field trips, and meetings
- » Access to a variety of onsite resources
- » Enhanced team building and networking opportunities

**Additional Virtual Opportunities:**

- » Ability to participate when you are not geographically near a DEVELOP location
- » Increased flexibility in the virtual environment (ex. no commute)

### ABOUT PROJECTS

DEVELOP projects apply Earth observations and remote-sensing technology to application areas that highlight NASA Earth observation capabilities relative to environmental issues for enhanced policy and decision making. These areas include:

Ecological Conservation

Wildland Fires

Water Resources

Energy

Disasters

Urban Development

Climate

Agriculture

Health & Air Quality

### HOW TO APPLY

Anyone 18 and over, who is interested in pursuing experience in the Earth sciences and remote sensing, is welcome to apply. This includes currently enrolled students, recent college graduates, early and transitioning career professionals, and current and former U.S. Military service members. Applicants must have a minimum 3.0 GPA on a 4.0 scale at their current or last institution of higher learning.

Apply online at <https://appliedsciences.nasa.gov/nasadevelop>.

## Stay Healthy This Semester:



Nutrition Kitchen: January 24th  
 \$5 Cooking Class 4:30 pm  
 UHC

Learn how to cook a healthy meal with one of the dietitians the University Health Center in the Nutrition Kitchen. FYOS approved! Call 706-542-8690 to register



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

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



Nutrition January 25  
 Grocery Tour 1:00 - 2:00pm  
 Kroger (East Side) Kroger

Need help navigating the grocery store? Take a group guided tour with a nutritionist. Learn skills that will make you more confident in the store and in the kitchen.

## Tuesday, February 13<sup>th</sup>, 2024 | 4 - 5pm ET

Computer or Mobile App

LINK: <https://bit.ly/DEVELOPFeb13>

Or Call In (audio only)

+1 256-715-9946, 940725793#

United States, Huntsville  
 Phone Conference ID: 940 725 793#

# OPPORTUNITIES AROUND CAMPUS

All currently enrolled UGA undergraduate, graduate, and professional students are eligible to submit work created solo or in collaborative groups. Multidisciplinary group submissions are highly encouraged. To learn more and submit an entry, go to [bit.ly/uga-ai](https://bit.ly/uga-ai) or scan the QR code in the graphic above.

**THE RULES:** Use generative AI tools (ChatGPT, DALL-E, Amper, etc.) to create something meaningful that enriches the UGA community/experience.

**FORMAT:** Wide open!

**DEADLINE:** March 22, 2024

**PRIZES:** 1<sup>st</sup> \$500 / 2<sup>nd</sup> \$300 / 3<sup>rd</sup> \$100 / plus SWAG!

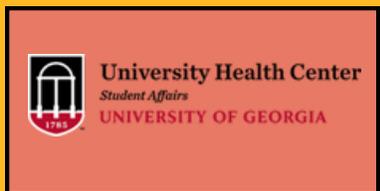


Fresh Express is a new student-led emergency food assistance program, striving to serve University of Georgia students with balanced meals. [Sign up here.](#)



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

## Prioritize Your Well-Being This Semester:



UMatter: An Upstander Intervention Program  
 January 31st  
 3:30 - 5:00pm  
 MLC Room 253

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



I.M.P.A.C.T.  
 February 9th  
 4:00 - 7:00pm  
 Lamar Dodd

Join the Health Promotion Department for an evening of empowerment and healing from experiences of sexual harassment and microaggressions through creative expression!



Healthy Relationship Workshop  
 February 5th  
 5:00-6:00pm  
 MLC 248

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

# STUDENT OPPORTUNITIES

## ★ This Week's Featured Opportunity ★

### • [GIS Specialist at The Ray](#)

**About The Ray:** Ray C. Anderson, the founder of flooring company Interface, ignited a global movement towards sustainable business practice when he had the courage to ask, "What if?" Founded in 2015 by Ray's daughter, Harriet Langford, The Ray is the next leap in that journey, born of the same question: "what if we reimagine transportation in a way that's safer, more responsive to the climate, more regenerative to the environment, and more capable of creating economic opportunity—today and for generations?" Our work begins at the world's first sustainable highway, an 18-mile stretch of Interstate 85 in West Georgia where we test and demonstrate the evolving ideas and technologies that will transform transportation infrastructure. We then partner with public, private and philanthropic partners (P4) to facilitate similar projects with transportation agencies at the local, state and federal level, and enable the scaling of new technologies and innovations in transportation. Working together to create a regenerative transportation ecosystem, we are leading the way with some of the world's boldest thinking and most promising innovation, with the aim of building a zero carbon, zero waste, zero death transportation system.

The GIS specialist will report directly to the GIS Manager and will:

- Support the development and management of GIS maps and applications
- Perform geospatial data development and analysis
- Efficiently manage geospatial databases and aerial photography
- Accurately maintain geospatial database information by interpreting data from a variety of sources and creating, verifying, and updating information in the geospatial database through the use of GIS software and technologies
- Acquire, process, integrate, visualize, and analyze geospatial data provided by The Ray's partners into existing GIS datasets, and GIS products
- Attend meetings as requested by The Ray staff.

#### Qualifications:

- Undergraduate degree in a related field
- Proficient in ArcGIS Pro and ArcGIS Online
- Problem-solving, critical thinking, and analytical thinking skills
- Strong written and oral communication skills
- Individual and team-based GIS project experiences
- Detail-oriented, self-motivated, eager to learn, flexible team player with a positive attitude
- Commitment and passion for the environment

**This is a hybrid position. The office is located in Midtown Atlanta, GA. Please send your resume and cover letter to Jessie Hong-Dwyer at [jessie@theray.org](mailto:jessie@theray.org) by Feb. 9th, 2024.**

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Follow us on social media!



# STUDENT OPPORTUNITIES

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

*Provide individual and small group tutoring to student-athletes in the Rankin Smith Student-Athlete Academic Center. Assist students in improving academic achievement by meeting with them weekly to clarify concepts, enhance study skills, and review class materials. \*If you are interested, please reach out directly to Whitney Burton at [wburton@sports.uga.edu](mailto:wburton@sports.uga.edu)*

- [NC State University Fall 2024 Interdisciplinary Doctoral Program](#)

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

- [UGA Office of Government Relations - Gov. Relations Associate](#)

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- [NOAA Office for Coastal Management Digital Coast Fellowship Program](#)

*The NOAA Office for Coastal Management is recruiting candidates for the 2024 Coastal Management and Digital Coast Fellowship Program. This program's mission is to provide on-the-job education and training opportunities in coastal resource management and policy for postgraduate students and to provide project assistance to state coastal zone management agencies and other key NOAA partners. The nine fellowship positions start in August 2024 and are available with the California Coastal Commission, the San Francisco Bay Conservation and Development Commission, the coastal programs in Connecticut, the Commonwealth of the Northern Mariana Islands, Georgia, Maryland, and Washington, and two of our Digital Coast partners, including the Association of State Floodplain Managers (in partnership with the Coastal States Organization) and the Nature Conservancy. Eligibility requirements, descriptions of the projects, and guidance on how to apply can be found on our [website](#) and on the attached information.*

*For the 2024 fellowship, applicants must complete a master's or other advanced degree at an accredited U.S. university between August 1, 2022, and July 31, 2024, to be eligible. A broad range of degrees are applicable to the fellowship because the projects are varied among the host organizations. This two-year opportunity offers a competitive salary, medical benefits, and travel and relocation expense reimbursement.*

*Application packages must be submitted to the Sea Grant office in the state where you received your degree by Friday, January 26, 2024.*

## Social Media

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



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



[https://twitter.com/UGA\\_Geography](https://twitter.com/UGA_Geography)



<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. Application deadline is February 15, 2024. [Learn more and apply here!](#)*

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- [Georgia State University Community Engaged Environmental Science Research Opportunities](#)

*Do you want to:*

- *Obtain an M.S. in geosciences (geography, geology, or water science concentrations) at one of the most diverse universities in the U.S.?*
- *Engage in community-based research?*
- *Answer pressing questions about soil, air, and water in metropolitan Atlanta?*
- *Work closely with community-based organizations to advance environmental justice?*

*If yes, then apply to be a Community-Soil-Air-Water (CSAW) fellow at Georgia State University! We are recruiting 5+ M.S. students to start in fall 2024 in the Department of Geosciences. This NSF-funded program (award no. 2228192) aims to build a learning ecosystem to integrate justice, equity, diversity, and inclusion principles and programming with community collaborators to solve socio-environmental problems involving soil, air, and water.*

*Application information can be found [here](#). Applications are due February 1, 2024.*

- [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!](#)*

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



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



[https://twitter.com/UGA\\_Geography](https://twitter.com/UGA_Geography)



<https://geography.uga.edu>

# GRADUATE PEER SUPPORT NETWORK

GROUP SUPPORT  
SESSIONS

Spring 2024

The purpose of the Graduate Peer Support Group sessions is to relate, connect, and support one another through our shared experiences as graduate students. Sessions are held in a peer-learning format and not in lecture or presentation style. Participants are expected to actively participate in discussions. The sessions are open to all graduate students.



**Thursday**  
**Online**  
Via Zoom  
12:00 pm - 1:00 pm

**Friday**  
**In-person**  
Locations listed below  
12:00 pm - 1:00 pm

Setting  
Boundaries

Jan. 18

Jan. 19

Tate Student Center,  
Room 138

Cultivating  
A Social Life

Feb. 15

Feb. 16

Brooks Hall, Room G09

Working Through  
Procrastination

Mar. 21

Mar. 22

Science Learning  
Center, Room 340A

Overcoming  
Burnout

Apr. 18

Apr. 19

Brooks Hall, Room G09

Please use the link or QR code to register.

<https://tinyurl.com/mwr3xmpr>

Please reach out to the email below if you have any questions





**UNIVERSITY OF  
GEORGIA**  
Graduate School

## IMPORTANT DATES & DEADLINES

### May (SPRING SEMESTER) 2024

*Note: All theses/dissertations must be submitted electronically.*  
If you plan to graduate during **SPRING 2024**, please adhere to the following deadlines:

<b>January 19, 2024</b>	Final date to apply for degree/certificate for <b>Spring 2024</b> graduation. (Apply in Athena)
<b>January 19, 2024</b>	Final date for submitting Program of Study forms to the Graduate School for graduation in <b>Spring 2024</b> . An Advisory Committee form for Master of Arts, Master of Science, and all doctoral candidates must be on file by this date. (Use Program of Study form G138 in gradstatus.uga.edu)
<b>January 19, 2024</b>	Final date for submitting applications for Admission to Candidacy to the Graduate School for doctoral candidates who plan to graduate in <b>Spring 2024</b> . If you were not admitted to candidacy prior to October 2, 2023, you must register for 10 hours <b>Spring 2024</b> .
<b>February 26, 2024</b>	Final date for submitting requests for Transfer of Credit, with accompanying transcripts, to the Graduate School for students graduating in <b>Spring 2024</b> .
<b>March 08, 2024</b>	Final date for doctoral students to submit information for the Commencement Program for <b>Spring 2024</b> graduation (Use the G120 form in gradstatus.grad.uga.edu)
<b>March 25, 2024</b>	Final date for electronically submitting one complete copy of a thesis or dissertation for a format check for <b>Spring 2024</b> graduation.
<b>April 15, 2024</b>	Final date for receipt of the following by the Graduate School: Final Defense Approval Form & ETD Submission Approval Form (all doctoral, MS, MA, MHP, and MLA) and corrected copy of thesis/dissertation for <b>Spring 2024</b> graduation.
<b>May 3, 2024</b>	Final date for completing all requirements except submission of theses/dissertations (see earlier deadlines). The Graduate School must receive notification concerning removal of incompletes, certificate completions, final examinations, etc., for <b>Spring 2024</b> graduation. <i>(Note: this does not include grades for courses in which students are currently enrolled)</i>
<b>TBD</b>	Graduation: The Office of the Registrar will mail diplomas approximately six to eight weeks after graduation. Address changes, if necessary, should be made with the Office of the Registrar to ensure receipt of the diploma. <a href="https://grad.uga.edu/about/annual-events/commencement/">https://grad.uga.edu/about/annual-events/commencement/</a>
<b>June 3, 2024</b>	Date the Graduate School will accept theses/dissertations for format checks for future graduations.

If you have applied for Spring graduation and find you will not be able to meet one of these deadlines, e-mail [gradinfo@uga.edu](mailto:gradinfo@uga.edu) to request a change in graduation. Graduate School | 310 Herty Drive, Athens, GA 30602

GRADUATE STUDENTS MUST BE REGISTERED FOR A MINIMUM OF 3 HOURS IN AT LEAST TWO SEMESTERS PER ACADEMIC YEAR (FALL, SPRING, SUMMER), INCLUDING THE THREE HOURS OF GRADUATE CREDIT THAT IS REQUIRED FOR REGISTRATION DURING THE SEMESTER IN WHICH DEGREE REQUIREMENTS ARE COMPLETED.

To review the Graduate Enrollment Policy, please visit <https://grad.uga.edu/index.php/current-students/enrollment-policy/>



### 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)

