

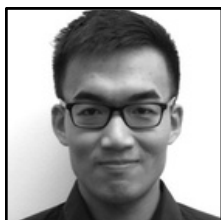
# The Graticule Weekly

UGA's Geography Newsletter



## ALUMNI SPOTLIGHT

### UGA Geography Alumnus Mingshu Wang Receives IJGI Young Investigator Award



Mingshu Wang  
Senior Lecturer  
(Associate Professor)  
University of Glasgow

UGA Geography Alumnus, Mingshu Wang, has been awarded the 2023 International Journal of Geo-Information (IJGI) Young Investigator Award. This award is given to one young investigator in recognition of their excellence in the field of geo-information. Dr. Wang is a Senior Lecturer (Associate Professor) at the Geospatial Data Science School of Geographical & Earth Sciences at the University of Glasgow. His research focuses on developing and applying methods of GIScience (i.e., geographical information systems, remote sensing and spatial analysis) and big data analytics (e.g., machine learning, artificial intelligence and econometrics) to understand urban systems.

Dr. Wang received his Ph.D. from the University of Georgia in 2018 and has an outstanding publication record, comprising 47 articles in peer-reviewed journals and 4 international conference proceedings. He is also recognized as one of Stanford University's World's Top 2% Most Cited Scientists. Please join us in congratulating Dr. Mingshu Wang for his outstanding achievements!

[Read the full IJGI Press](#)

[Release here!](#)

## NEW YEAR, NEW COMMUNICATION RESOURCES

UGA Geography is proud to announce two new resources for communication: our **Subscribable Events Calendar**, and our **Undergraduate GroupMe**. The goal of these resources is to ensure that all members of our community are informed and included in everything the department has to offer.

### SUBSCRIBE TO OUR EVENTS CALENDAR

UGA Geography now has a subscribable events calendar in Outlook. All UGA Geography events will be synced directly to your UGMail Calendar!

SUBSCRIBE



### JOIN THE UNDERGRADUATE GROUPME

All UGA Geography and Atmospheric Sciences Undergraduate students are invited to join our new UGRD GroupMe - click below, or scan the QR to join!

JOIN NOW



## 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 Calonijs well in advance.*

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



*With the Spring semester in full swing, our community remains busy as faculty, staff, students, and visitors navigate our campus. Prioritize your transportation safety and the safety of other's by checking out [the Watch For Dawgs official website.](#)*



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

Follow us on social media!



# MARK YOUR CALENDAR

NEW



## Subscribe to our Events Calendar!



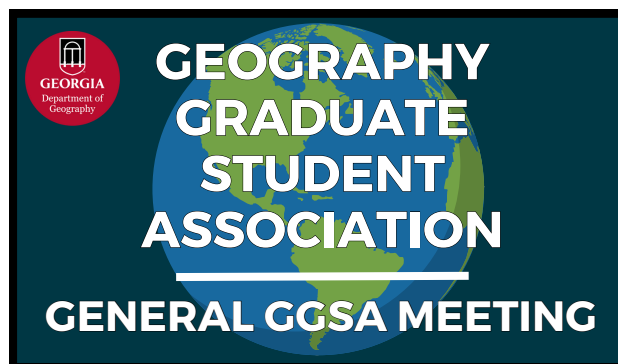
UGA Geography now has a subscribable events calendar in Outlook. Keep up with all things UGA Geography directly from your UGA Mail account!

LEARN MORE



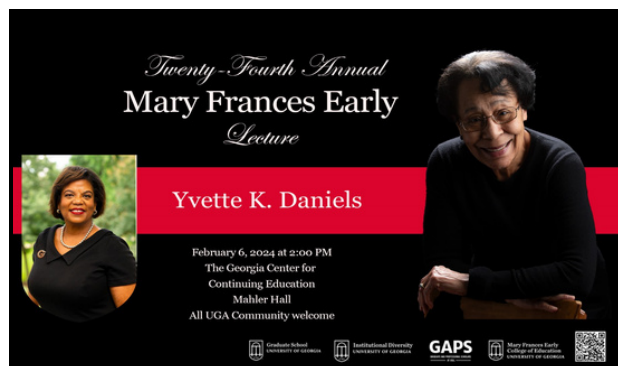
February 1  
10:00 - 11:30 am  
Location TBA

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.



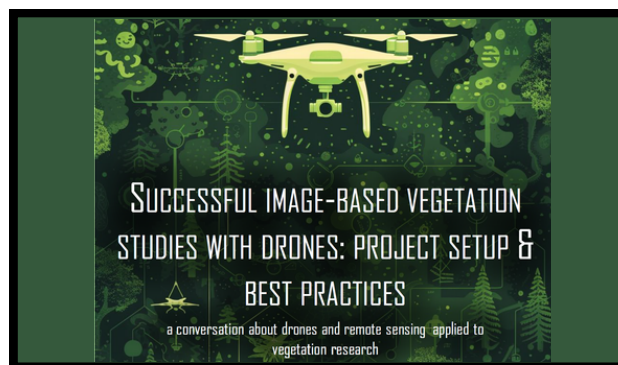
February 6  
2:00pm  
Georgia Center,  
Mahler Hall

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



February 7  
1:30-3:00pm  
GGY Room 321

All are welcome to attend this conversation led by Dr. Sergio Bernardes on drones and remote sensing applied to vegetation research. See the flyer on page 4 for more info.



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 Colonius.



<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/transitioning 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**



### 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 30th  
\$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  
available at the appointment  
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.*

## Naloxone Training

Naloxone Training January 29  
6:00 - 7:00pm  
MLC Room 150

*Save a life and stop opioid overdoses! Learn what an overdose is, what the signs and symptoms of an overdose are and how Naloxone and the OneBox are distributed across campus.*

**Tuesday, February 13<sup>th</sup>, 2024 | 4 – 5pm ET**



Computer or Mobile App

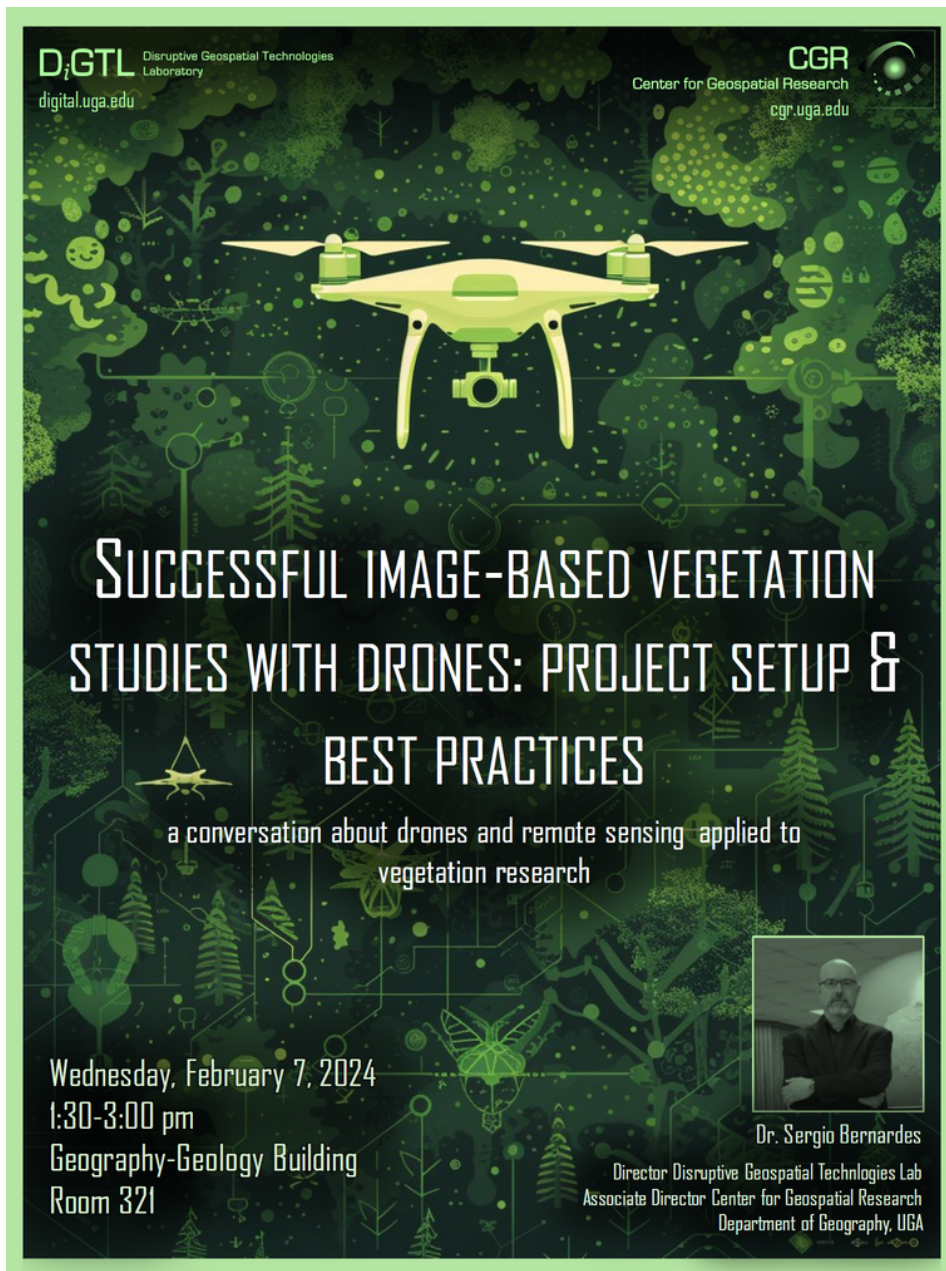
LINK: <https://bit.ly/DEVELOPFeb13>



Or Call In (audio only)

+1 256-715-9946, 940725793#  
United States, Huntsville  
Phone Conference ID: 940 725 793#

## OPPORTUNITIES AROUND CAMPUS



**D:GTL** Disruptive Geospatial Technologies Laboratory  
digital.uga.edu

**CGR** Center for Geospatial Research  
cgr.uga.edu

# SUCCESSFUL IMAGE-BASED VEGETATION STUDIES WITH DRONES: PROJECT SETUP & BEST PRACTICES

a conversation about drones and remote sensing applied to vegetation research

Wednesday, February 7, 2024  
1:30-3:00 pm  
Geography-Geology Building  
Room 321

Dr. Sergio Bernardes  
Director Disruptive Geospatial Technologies Lab  
Associate Director Center for Geospatial Research  
Department of Geography, UGA



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:



University Health Center  
Student Affairs  
UNIVERSITY OF GEORGIA

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!](#)



University Health Center  
Student Affairs  
UNIVERSITY OF GEORGIA

**I.M.P.A.C.T.**  
Intentional Mindfulness and Peace to Assertively Create Together

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 Relationships Workshop

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.**

## General News and Announcements



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With the Fall semester in full swing, our community will remain busy as faculty, staff, students, and visitors navigate our campus. Prioritize your transportation safety and the safety of other's by checking out the Watch For Dawgs official website.



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

Follow us on social media!



# STUDENT OPPORTUNITIES

- [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

*Want to stay up to date with all things UGA Geography? Follow us on our social media accounts. If you have any events, news, awards, or other information you'd like to share on our social media, please reach out to Matt Colonius.*



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



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



<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

# STUDENT OPPORTUNITIES

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

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

## 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>

# 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**

**Setting  
Boundaries**

**Jan. 18**

**Cultivating  
A Social Life**

**Feb. 15**

**Working Through  
Procrastination**

**Mar. 21**

**Overcoming  
Burnout**

**Apr. 18**

**Friday  
In-person**

**Locations listed below  
12:00 pm - 1:00 pm**

**Jan. 19**

**Tate Student Center,  
Room 138**

**Feb. 16**

**Brooks Hall, Room G09**

**Mar. 22**

**Science Learning  
Center, Room 340A**

**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







### 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)

