

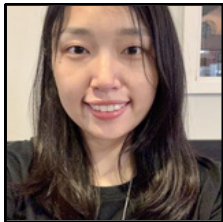
# The Graticule Weekly

UGA's Geography Newsletter



## GRADUATE STUDENT SPOTLIGHT

Geography Ph.D. Candidate Jieliu Zhang Receives Sustainability Grant



Jieliu Zhang  
Ph.D. Candidate  
UGA Geography

University of Georgia Geography Ph.D. candidate, Jieliu Zhang, has been awarded a [2024 Campus Sustainability Grant](#) by UGA's Office of Sustainability. Jieliu's proposal, titled "Enhancing Health Equity: Improving Access to Automated External Defibrillators at UGA," was created in collaboration with School of Computing PhD student, Zhongliang Zhou and under the direction of UGA Geography professor Dr. Lan Mu. The proposal aims to improve AED accessibility and health outcomes for students and visitors to campus. Congratulations, Jieliu!

Drawn from the Student Green Fee, grants up to \$5,000 are available to current UGA students who wish to initiate projects that advance sustainability through education, research, service, and campus operations. Successful projects will address UGA's strategic priorities and integrate social, environmental, and economic solutions to help ensure that all people can thrive, both now and in the future. Grants are awarded based on merit, positive impact, effective partnerships, implementation feasibility, and available funding.

[Learn more about UGA's Campus Sustainability Grants 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.

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SUBSCRIBE



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JOIN NOW



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*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](#).*



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Follow us on social media!



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[LEARN MORE](#) 



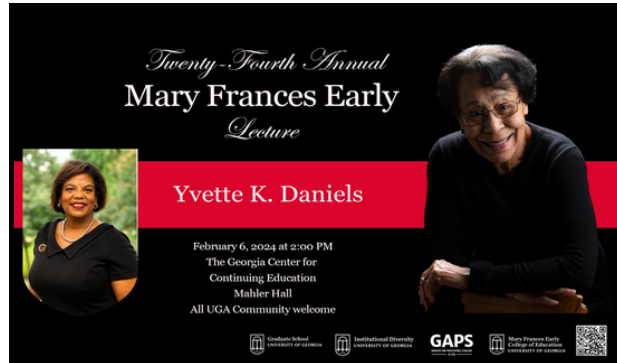
February 6  
2:00pm  
Georgia Center,  
Mahler Hall

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

*Twenty-Fourth Annual*  
**Mary Frances Early**  
*Lecture*

**Yvette K. Daniels**

February 6, 2024 at 2:00 PM  
The Georgia Center for Continuing Education  
Mahler Hall  
All UGA Community welcome

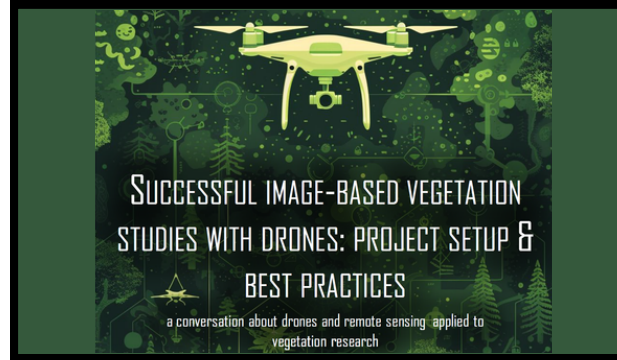


February 7  
1:30-3:00pm  
GGY Room 321

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.

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

a conversation about drones and remote sensing applied to vegetation research



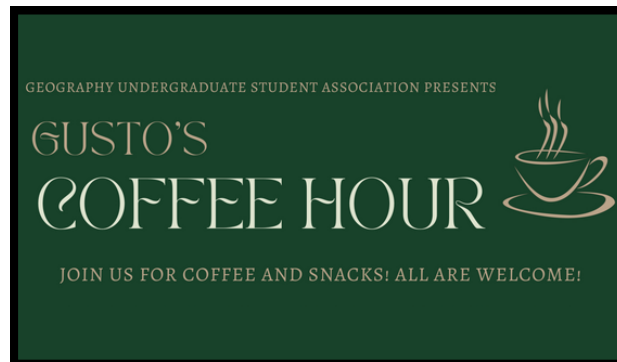
February 9  
11:00 - 12:30 pm  
GGY 147

The Geography Undergraduate Student Organization (GUSTO) will be hosting their monthly coffee hour. All are welcome to join the student group for coffee and snacks!

GEOGRAPHY UNDERGRADUATE STUDENT ASSOCIATION PRESENTS

**GUSTO'S COFFEE HOUR**

JOIN US FOR COFFEE AND SNACKS! ALL ARE WELCOME!



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!

National Aeronautics and Space Administration 

**DEVELOP YOUR CAREER**

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!**



## Social Media

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<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

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- » 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:



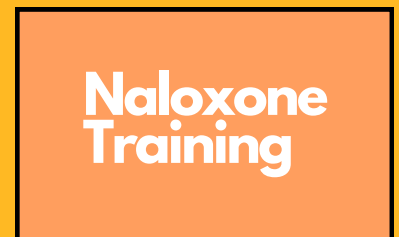
Nutrition Kitchen: January 30th  
 \$5 Cooking Class 4:30 pm  
 UHC

*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 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.*



Naloxone Training February 20  
 5:30pm  
 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#](tel:+12567159946)**  
 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.](#)



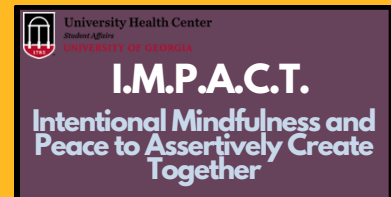
Join us every Friday for International Coffee Hour from 11:30am to 1:00pm in the Tate Reception Hall! 11:30am - 1:00pm | Memorial Hall Ballroom

## Prioritize Your Well-Being This Semester:



UMatter: An Upstander Intervention Program  
February 7th  
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 ★

### • [National Geographic Cartographic Intern, Disney](#)

#### **About the Role & Program**

Cartographers play a pivotal role within the storytelling framework at National Geographic! Maps serve as vital tools in conveying location and visualizing concepts and data that may be challenging to articulate through prose or photographs alone. This responsibility entails delving into a subject, identifying aspects that benefit from spatial representation, and engaging in an iterative process to ensure clarity for a general audience. These tasks span various media formats, including feature articles in National Geographic Magazine, digital releases, and interactive presentations.

***This internship focuses on honing journalistic skills to locate the most up-to-date spatial data, craft pertinent maps to enhance and bolster narratives, and collaborate with subject matter experts to meticulously verify all information.***

#### **What You Will Do**

- Create content for NGM and NGH, learning how custom cartography is created for a journalistic publication.
- Participate in all group meetings and content critiques, will be expected to complete assigned mapping on time
- Work on mining databases and GIS resources to analyze and map story data.
- By working with staff who do this on a regular bases, you will gain experience using GIS in a working environment
- Learn how a multidisciplinary story team constructs a project to be published on multiple platforms.
- You will be attached to one or more story teams assisting a staff cartographer.
- Work on short form content for the digital platforms providing mapping support to scheduled digital stories.
- By attending the daily digital meeting and working with the Manager, Digital Cartography, the intern will participate in story ideation and execution.

#### **Required Qualifications & Skills**

- Strong oral and written communication skills
- Analytical and organized
- Ability to handle and prioritize simultaneous projects and meet deadlines
- Self-motivated and resourceful, with the ability to work with minimal direction and exercise independent judgment
- Proficient in the use Adobe Creative Suite; Avenza Mapublisher; QGIS or other GIS software
- Adept at learning new software
- Curiosity about National Geographic and its core subjects
- Interest and knowledge of Geography

[Learn more here!](#)

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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)*

- [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!](#)*

- [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!](#)*

- [GIS Specialist at The Ray](#)

**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.*

**[Learn more here!](#)**

## **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>

# 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





### 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.

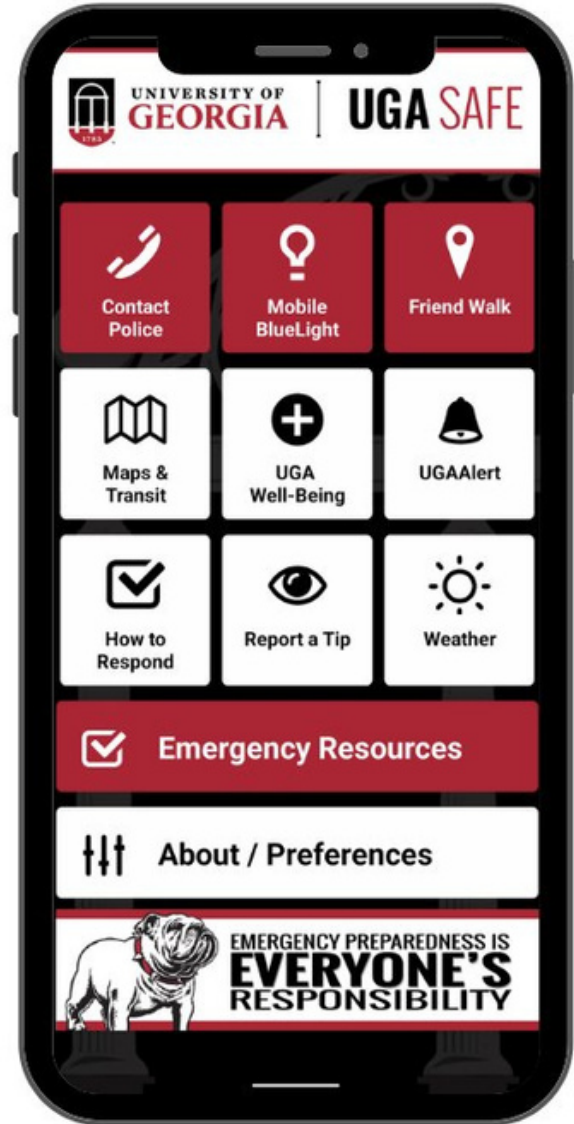
### HOW TO RESPOND TO AN EMERGENCY

Conveniently located in one place to help you take immediate action.



**DOWNLOAD THE APP!**

[t.uga.edu/7Xf](https://t.uga.edu/7Xf)





# The Graticule Weekly

UGA Geography's Newsletter



## GEOGRAPHY COLLOQUIUM: FRIDAY FEB. 16

Join Us for a Colloquium with Dr. Michelle Ritchie



Michelle A. Ritchie  
Assistant Professor  
UGA Institute for Disaster  
Management, Health  
Policy & Management

Dr. Michelle Ritchie, Assistant Professor at the University of Georgia's Institute for Disaster Management will deliver a colloquium next Friday, February 16th titled "I Thrive Where the Earth is Alive: (Hi)stories of Resilience." The colloquium will take place from 3:30 - 4:30 pm in the Geography/Geology building Room 200D.

**About Dr. Ritchie:** Dr. Michelle Ritchie is an assistant professor at the University of Georgia's (UGA) Institute for Disaster Management. She received her dual-title PhD in Geography and Climate Science from Penn State. She also has an MA in Geography specializing in natural resource management from Binghamton University.

Dr. Ritchie was awarded the 2023 Special Collections Libraries Teaching Fellowship, as well as the 2023 First Year Odyssey Seminar Teaching Award. Dr. Ritchie's dissertation research modeled the social-ecological processes that supported the implementation of adaptation action within Arctic households in response to rapid environmental change.

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

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**2/13**

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

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National Aeronautics and Space Administration 

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**NASA DEVELOP National Program!**

**Tues.**  
**2/13**

February 13  
5:30 pm  
Jackson St. Bldg 125

Native American communities restore their traditional land management practices in the face of a changing climate. [Learn more here!](#)



**Environmental Ethics Seminar Series**

Film Screening:  
"Inhabitants:  
Indigenous Perspectives on Restoring Our World"

**Feb.**  
**19 & 26**

February 19 & 26  
1:30-3:00pm  
GGY Room 321

Undergraduate Geography Award nominations are coming up! General nominations are due February 19th, and self-nominations are due February 26th. Reach out to mlc53494@uga.edu for more info.



 **UGRD Award Nomination Deadlines**

<b>General Nominations Due:</b> 2/19	<b>Self Nominations Due:</b> 2/26
---	--------------------------------------

**Tues.**  
**4/3**

April 3  
Morton Theatre  
Time TBA

UGA's Three Minute Thesis (3MT®) competition challenges graduate students to explain their research to non-specialist audiences in the space of just three minutes. [Learn more here!](#)



13<sup>th</sup> annual **3MT**® **THREE MINUTE THESIS**  
FOUNDED BY THE UNIVERSITY OF QUEENSLAND

Open to all UGA Master's & Doctoral students. Registration is open!

Save the date  
April 3, 2024

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+++++  
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 Energy

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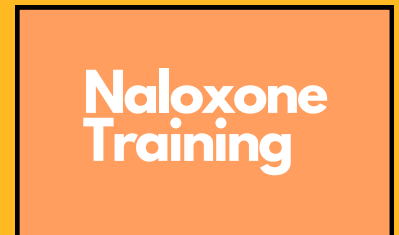
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**Or Call In (audio only)**

**[+1 256-715-9946, 940725793#](tel:+12567159946)**  
 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!

The Generative AI Student Competition is facilitated by the Faculty Learning Community "Innovating with AI: In and Beyond the Classroom" and co-sponsored by the Provost's Office, the Office of Instruction, and the Center for Teaching and Learning. Parts of the graphic were created with Open AI GPT4/DALL-E and Adobe Firefly.

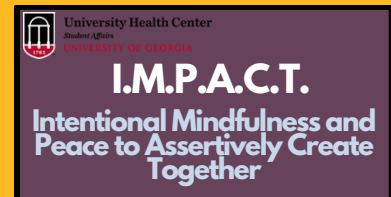
UNIVERSITY OF GEORGIA Office of the Provost Office of Instruction UNIVERSITY OF GEORGIA Center for Teaching and Learning UNIVERSITY OF GEORGIA

## Prioritize Your Well-Being This Semester:



UMatter: An Upstander Intervention Program  
 February 14th  
 3:00 pm  
 Tate Room 141

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!



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



Nutrition Grocery Tour  
 February 12th  
 3:30pm  
 Kroger (East Side)

*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.*

# STUDENT OPPORTUNITIES

## ★ This Week's Featured Opportunity ★

### • [National Geographic Cartographic Intern, Disney](#)

#### **About the Role & Program**

Cartographers play a pivotal role within the storytelling framework at National Geographic! Maps serve as vital tools in conveying location and visualizing concepts and data that may be challenging to articulate through prose or photographs alone. This responsibility entails delving into a subject, identifying aspects that benefit from spatial representation, and engaging in an iterative process to ensure clarity for a general audience. These tasks span various media formats, including feature articles in National Geographic Magazine, digital releases, and interactive presentations.

**This internship focuses on honing journalistic skills to locate the most up-to-date spatial data, craft pertinent maps to enhance and bolster narratives, and collaborate with subject matter experts to meticulously verify all information.**

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- Participate in all group meetings and content critiques, will be expected to complete assigned mapping on time
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- Analytical and organized
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**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.*

**[Learn more here!](#)**

## **Social Media**

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*We're looking for people who are creative and interested in working on community-based projects related to housing development, infrastructure, solid waste, development of public facilities, conservation, comprehensive planning, and community engagement. Good writing and public speaking skills are important, and some experience with graphic design and ArcPro would be preferred.*

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Spring 2024

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Jan. 19

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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







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Whether it's a life-threatening emergency, a non-emergency concern, or a crime tip; there are several options to relay those concerns.

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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.

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Conveniently located in one place to help you take immediate action.



**DOWNLOAD  
THE APP!**

[t.uga.edu/7Xf](https://t.uga.edu/7Xf)



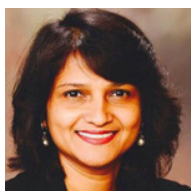
# The Graticule Weekly

UGA Geography Newsletter



## ALUMNI SPOTLIGHT

UGA Geography Alumna Chandana Mitra Named 2024 AAG Fellow



Chandana Mitra  
UGA Geography Alumna  
Associate Professor  
Dept. of Geosciences  
Auburn University

UGA Geography Alumna, Chandana Mitra, was recently selected as a 2024 American Association of Geographers (AAG) Fellow. The AAG recognized 17 geographers in various practice areas for their contributions to geographic research and advancement of practice, and careers devoted to strengthening the field of geography, including teaching and mentoring. The honorary title of AAG Fellow is conferred for life. Dr. Mitra, former Ph.D. student of UGA Geography & Atmospheric Sciences professor, Marshall Shepherd, is currently an associate professor in the Department of Geosciences at Auburn University.

**From the AAG:** Dr. Mitra uses her training in urban climate, GIS, and remote sensing to work across disciplinary boundaries on topics such as the sustainability and resilience of cities in the face of climate change. She is committed to addressing STEM education and importance of science communication in her research. She is an advocate for Diversity, Equity, and Inclusion (DEI), for example by mentoring girls interested in STEM at the EmpowHER conference, co-founding GeoFIDE, a DEI organization the Geosciences, and by supporting underrepresented students.

[Learn more about Dr. Mitra 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 UGAmail 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



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# MARK YOUR CALENDAR

**NEW** ★ **Subscribe to our Events Calendar!** ★

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[LEARN MORE](#) 



February 19 & 26  
1:30-3:00pm  
GGY Room 321

Undergraduate Geography Award nominations are coming up! General nominations are due February 19th, and self-nominations are due February 26th. Reach out to [mlc53494@uga.edu](mailto:mlc53494@uga.edu) for more info.

**UGRD Award Nomination Deadlines**

<b>General Nominations Due:</b> 2/19	<b>Self Nominations Due:</b> 2/26
---	--------------------------------------



February 27  
4:00 pm  
Ramsey Student Center

BeWellUGA Fest, presented by Well-being Resources, is the official expo of well-being offerings on campus! Connect with student groups and campus offerings, check out well-being demonstrations and activities!

**#BeWellUGAfest**  
WELL-BEING EXTRAVAGANZA



March 22nd  
3:30pm  
GGY Room 200D

Join us for the 2024 Geography Globe Lecture featuring Dr. Danielle Purifoy. Dr. Purifoy's lecture is titled: "Scenes of the Forgotten Black Forest." All are welcome to attend!

**2024 Globe Lecture**



April 3  
Morton Theatre  
Time TBA

[UGA's Three Minute Thesis \(3MT®\) competition](#) challenges graduate students to explain their research to non-specialist audiences in the space of just three minutes. [Learn more here!](#)

**13th annual 3MT<sup>®</sup> THREE MINUTE THESIS**  
FOUNDED BY THE UNIVERSITY OF QUEENSLAND

Open to all UGA Master's & Doctoral students. Registration is open!

Save the date  
April 3, 2024

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# 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](http://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

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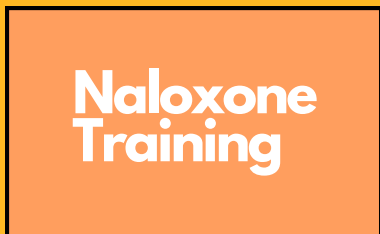
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*This program is a service-learning Domestic Field Study course in which students will conduct field and academic research at UGA Marine Extension and Georgia Sea Grant facilities to write stories about the people and aquaculture of the Georgia coast. A week-long residency at the Penn Center on St. Helena Island, SC will provide students with an immersive learning experience in the Gullah Geechee culture of the Sea Islands as the starting point for our field work. Contact Dr. Elizabeth Davis at [eadavis@uga.edu](mailto:eadavis@uga.edu)*



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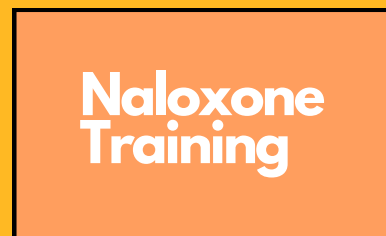
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# The Graticule Weekly

UGA Geography's Weekly Newsletter



Volcan Chimborazo, Ecuador

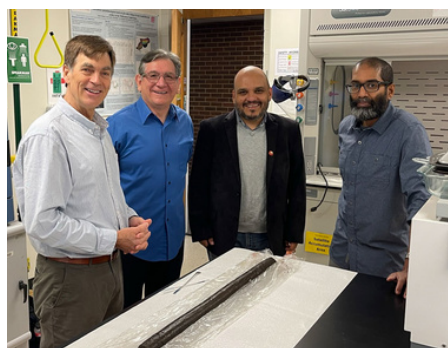
## RESEARCH SPOTLIGHT

### UGA Geographers explore effects of climate change in mountain lakes of Ecuador

By [Katie Price](#) for [@UGAResearch](#)

Chimborazo Province in Ecuador is a major agricultural center. Changes in freshwater availability and agricultural sustainability affect the province, with important cultural and economic implications for the region.

In September 2023, researchers from the University of Georgia Franklin College of Arts and Sciences Department of Geography traveled to collaborate with local Ecuadorian scientists on an investigation of past environmental conditions in the nearby Andes Mountains. Their goal was to assess regional hydroclimatic variability—changes through time not only in weather and climate, but also the associated ecology and water resources. The work is a component of a formal collaboration between UGA and Escuela Superior Politecnica de Chimborazo (ESPOCH), a science and engineering university in Riobamba, Ecuador.



(From left to right): David Leigh, Fausto Sarmiento, Renato Chávez, & David Porinchi

Geography Professor David Porinchi led the team in collecting sediment and water samples from two lakes within Sangay National Park, providing a snapshot of regional hydroclimatic conditions over the past 5,000 years. Paleoenvironmental records such as sediment cores—like the 30-foot core extracted from Laguna Kuyuk—provide scientists and resource managers with information from a wider range of conditions and scenarios than is available from modern data alone.

Since the team's return, the UGA team has begun analyzing samples for a suite of physical, chemical, and biological characteristics. The team's first priorities are to obtain X-ray images and X-ray fluorescence chemistry scans of the intact core and establish dates from as many locations as possible.

**[Continued on the next page](#)**



## Special Announcement



*In light of recent tragic events on UGA's campus, we'd like to remind everyone of resources available to assist those who need help processing this difficult moment for our community.*

*UGA encourages all community members who may need mental health support to utilize the following resources:*

### **For Students:**

#### Student Care and Outreach

706-542-8479

[sco@uga.edu](mailto:sco@uga.edu)

<https://sco.uga.edu/>

#### Counseling and Psychiatric Services

706-542-8479

<https://caps.uga.edu/>

[Click here for a general directory of Campus Resources for Students](#)

### **For Faculty and Staff:**

#### USG Mental Health Employee

[Resource Directory](#)



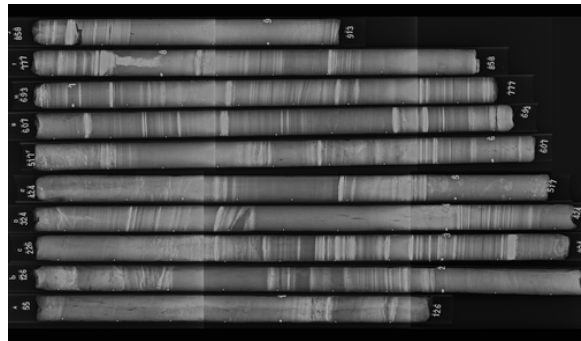
*Please download the new UGA Safe app from the Google Play or Apple App stores. Login using your UGA MyID or register as a guest to take advantage of a variety of safety features. For more information, please visit the [UGA Office of Emergency Preparedness website](#).*

# RESEARCH SPOTLIGHT

## UGA Geographers explore effects of Climate Change in Mountain Lakes of Ecuador

Since the team's return, the UGA team has begun analyzing samples for a suite of physical, chemical, and biological characteristics. The team's first priorities are to obtain X-ray images and X-ray fluorescence chemistry scans of the intact core and establish dates from as many locations as possible.

Subsequent analyses will utilize small subsections of the cores to understand changes in various time intervals. Results from this initial study will be used to help design broader, regional-scale investigations aimed at unravelling the effects of climate change on natural resources and the largely indigenous populations they support.



Team members inflate rafts and organize coring equipment on the shore of Laguna Kuyuk. One raft is used to anchor and stretch perpendicular ropes to secure the platform, which is suspended across two rafts.

This article first appeared on the [@UGAResearch News site](#) and was written by freelance contributor Katie Price. All photos courtesy of Katie Price. Special thanks to UGA's Director of Research Communications, Michael Terrazas, for allowing us to share this article.

[Click here to visit the @UGAResearch site and learn more about all the exciting research happening at UGA!](#)

## 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 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 27  
4:00 pm  
Ramsey Student Center

BeWellUGA Fest, presented by Well-being Resources, is the official expo of well-being offerings on campus! Connect with student groups and campus offerings, check out well-being demonstrations and activities!



March 1st

Undergraduate Geography Award nominations are coming up! Self nominations (originally due 2/26) are now due on 3/1. Reach out to [mlc53494@uga.edu](mailto:mlc53494@uga.edu) for more info.



March 22nd  
3:30pm  
GGY Room 200D

Join us for the 2024 Geography Globe Lecture featuring Dr. Danielle Purifoy. Dr. Purifoy's lecture is titled: "Scenes of the Forgotten Black Forest." All are welcome to attend!



April 3  
Morton Theatre  
Time TBA

UGA's Three Minute Thesis (3MT®) competition challenges graduate students to explain their research to non-specialist audiences in the space of just three minutes. [Learn more here!](#)



## 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/>

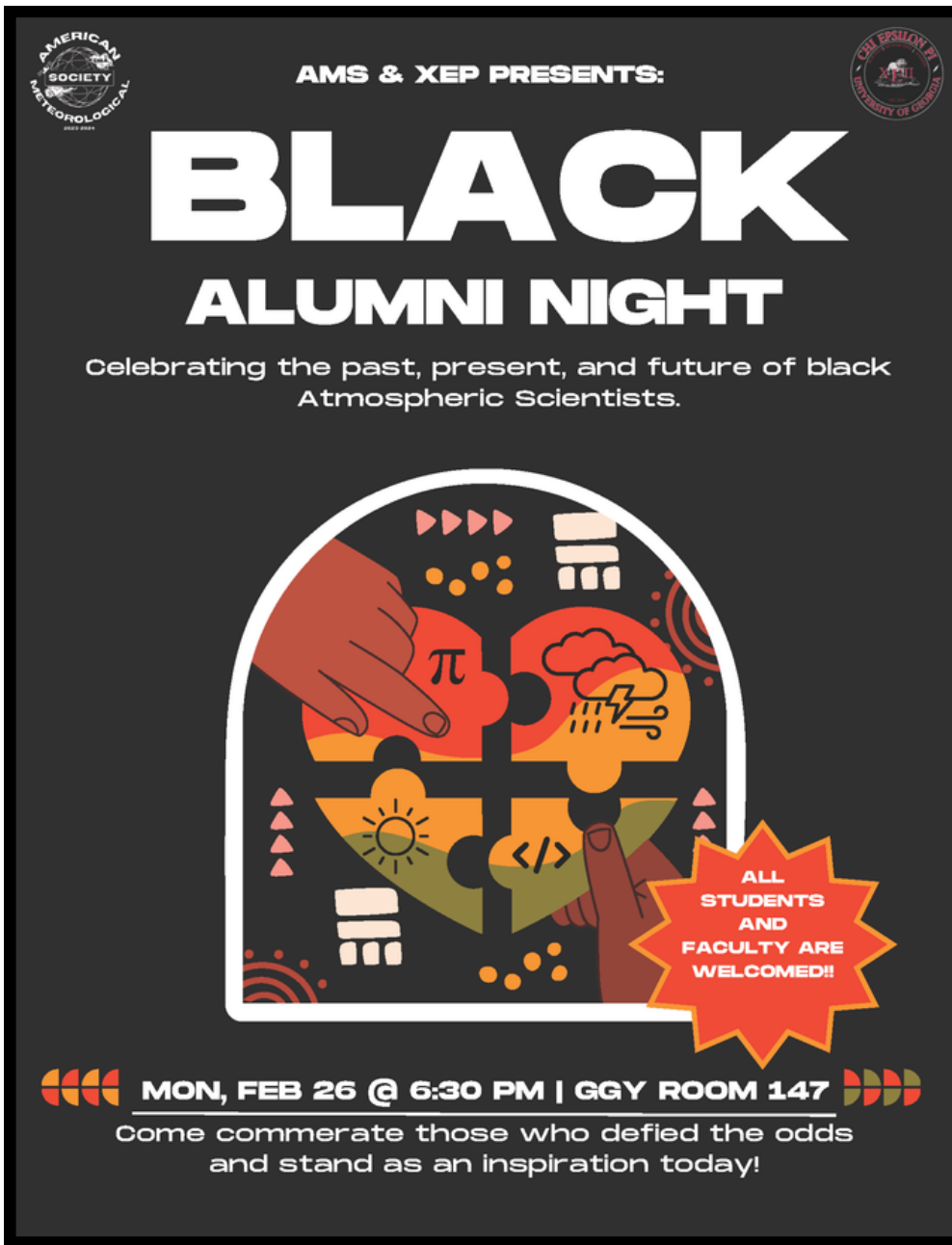


<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

# OPPORTUNITIES AROUND CAMPUS



AMS & XEP PRESENTS:

# BLACK ALUMNI NIGHT

Celebrating the past, present, and future of black Atmospheric Scientists.

**MON, FEB 26 @ 6:30 PM | GGY ROOM 147**

Come commemorate those who defied the odds and stand as an inspiration today!

ALL STUDENTS AND FACULTY ARE WELCOMED!!



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 March 7th  
Upstander 4:30 pm  
Intervention Tate Room 141  
Program

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



Nutrition February 27th  
Kitchen: \$5 4:30 pm  
Cooking Class 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*



Healthy Relationships Workshop March 12th  
4:00 - 5:00pm  
MLC Room 153

*Explore relationship dynamics between roommates, friends, & romantic partners.*

# STUDENT OPPORTUNITIES

## ★ This Week's Featured Opportunity ★

### • [National Geographic Cartographic Intern, Disney](#)

#### **About the Role & Program**

Cartographers play a pivotal role within the storytelling framework at National Geographic! Maps serve as vital tools in conveying location and visualizing concepts and data that may be challenging to articulate through prose or photographs alone. This responsibility entails delving into a subject, identifying aspects that benefit from spatial representation, and engaging in an iterative process to ensure clarity for a general audience. These tasks span various media formats, including feature articles in National Geographic Magazine, digital releases, and interactive presentations.

***This internship focuses on honing journalistic skills to locate the most up-to-date spatial data, craft pertinent maps to enhance and bolster narratives, and collaborate with subject matter experts to meticulously verify all information.***

#### **What You Will Do**

- Create content for NGM and NGH, learning how custom cartography is created for a journalistic publication.
- Participate in all group meetings and content critiques, will be expected to complete assigned mapping on time
- Work on mining databases and GIS resources to analyze and map story data.
- By working with staff who do this on a regular bases, you will gain experience using GIS in a working environment
- Learn how a multidisciplinary story team constructs a project to be published on multiple platforms.
- You will be attached to one or more story teams assisting a staff cartographer.
- Work on short form content for the digital platforms providing mapping support to scheduled digital stories.
- By attending the daily digital meeting and working with the Manager, Digital Cartography, the intern will participate in story ideation and execution.

#### **Required Qualifications & Skills**

- Strong oral and written communication skills
- Analytical and organized
- Ability to handle and prioritize simultaneous projects and meet deadlines
- Self-motivated and resourceful, with the ability to work with minimal direction and exercise independent judgment
- Proficient in the use Adobe Creative Suite; Avenza Mapublisher; QGIS or other GIS software
- Adept at learning new software
- Curiosity about National Geographic and its core subjects
- Interest and knowledge of Geography

[Learn more here!](#)

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Follow us on social media!



# STUDENT OPPORTUNITIES

- [Maymester Field Study Service-Learning Opportunity](#)

*This program is a service-learning Domestic Field Study course in which students will conduct field and academic research at UGA Marine Extension and Georgia Sea Grant facilities to write stories about the people and aquaculture of the Georgia coast. A week-long residency at the Penn Center on St. Helena Island, SC will provide students with an immersive learning experience in the Gullah Geechee culture of the Sea Islands as the starting point for our field work. Contact Dr. Elizabeth Davis at [eadavis@uga.edu](mailto:eadavis@uga.edu)*



- [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)*

- [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!](#)*

- [GIS Specialist at The Ray](#)

*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.*

**[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>

# 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. [Learn more and apply here!](#)*

- [Community Planner and Grants Specialist Positions, NGRC](#)

*The Northeast Georgia Regional Commission has two positions open, a Community Planner and a Grants Specialist. The job listings and responsibilities are posted on our website: <https://negrc.org/careers/>*

*We're looking for people who are creative and interested in working on community-based projects related to housing development, infrastructure, solid waste, development of public facilities, conservation, comprehensive planning, and community engagement. Good writing and public speaking skills are important, and some experience with graphic design and ArcPro would be preferred.*

[Learn more here!](#)

- [Postdoctoral Position in AI and Census Microdata, Univ. of Utah](#)

*The [College of Social and Behavioral Science](#) at the [University of Utah](#) is seeking applicants for a Postdoctoral Research Associate with an interest in applying Artificial Intelligence (AI) to US Census data. AI is having far-reaching effects as it moves into everyday systems, such as healthcare, education, policy, immigration, and criminal justice, often with a focus on individualized outcomes.*

*Interdisciplinary research is critical for developing “responsible” technologies that forward the public interest, recognizing AI as both a technological approach and a social practice (e.g. how humans are classified, how we identify technological problems, how we understand our society). Federal Statistical Research Data Centers, such as the [Wasatch Front Research Data Center \(WFRDC\)](#), located in the Interdisciplinary Exchange for Utah Science (NEXUS), offer a unique resource of census microdata, allowing the exploration of socio-demographic dynamics at an individual level, and there is a significant opportunity to apply AI methodologies to these data.*

*We seek a researcher interested in developing research that integrates AI methods with the type of microdata held in the WFRDC. The successful candidate for this position will have a record of working with socio-demographic data and AI methods, and a commitment to responsible AI applications.*

[Learn more here!](#)

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Student Affairs  
UNIVERSITY OF GEORGIA

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MLC Room 153

*Explore relationship dynamics between roommates, friends, & romantic partners.*





Environmental Ethics Certificate Program  
 College of Environment + Design  
 UNIVERSITY OF GEORGIA

# Environmental Ethics Seminar Series

13  
FEB

## Film Screening: "Inhabitants: Indigenous Perspectives on Restoring Our World"

Native American communities restore their traditional land management practices in the face of a changing climate



27  
FEB

## The Ethical Considerations of Permanent Land Protection

Christine McCauley Watts, Executive Director of the Madison-Morgan Conservancy

Steffney R. Thompson, Land Conservation Clinic Director of the University of Georgia School of Law



19  
MAR

## Can Fashion be Sustainable?

Sanni Baumgärtner, owner of Community - a boutique for sustainable fashion and locally made products.



11  
APR  
\*Thurs

## Odum Environmental Ethics Lecture: Act of Restorative Kindness to the Earth

Mary Reynolds, reformed Landscape Designer and Author, Founder of We are the ARK



Jackson Street Building



Room 125

Tuesdays

\*1 Thursday Event

5:30 pm



### 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)

