FRIDAY, NOVEMBER 1ST, 2024 **The Graticule Weekly** UGA Geography's Weekly Newsletter



FACULTY SPOTLIGHT

Marshall Shepherd Receives National Academies Award for Science Communications



Marshall Shepherd (Photo by Andrew Davis Tucker/UGA)

<u>J. Marshall Shepherd</u>, Georgia Athletic Association Distinguished Professor of Atmospheric Sciences and Geography in the University of Georgia <u>Franklin College of Arts and Sciences</u>, was the top prize winner in the National Academies' Research Scientist: Later Career category of its Schmidt Awards. The National Academies of Sciences, Engineering and Medicine recently revealed the 2024 recipients of the <u>Eric and Wendy Schmidt Awards for Excellence in Science</u> <u>Communications</u>, given by the National Academies in partnership with Schmidt Sciences.

These prestigious awards recognize science journalists, research scientists and science communicators who have developed creative, original work to communicate issues and advances in science, engineering and medicine to the general public. A total of 24 awards, split among eight categories, were announced — nine awards for science communication by research scientists, nine awards for science journalists and six awards for science communicators. In each category, one \$40,000 top prize and two \$20,000 awards were given, totaling \$640,000.

Shepherd, associate dean for research, scholarship and partnership, and member of the National Academy of Science and the National Academy of Engineering, has built a decadeslong career communicating his scientific expertise in weather and climate science in the public. In addition to serving as the president of the American Meteorological Society in 2013, Shepherd is also the host of The Weather Channel's award-winning "Weather Geeks," a podcast dedicated to weather science, and a contributor to Forbes Magazine. Shepherd routinely appears on national media outlets like CNN, the New York Times and ABC News, among others.

"At a time when misinformation and disinformation are thriving, science experts must engage beyond the ivory tower," Shepherd said. "I embrace that charge so to be recognized by the National Academies with this high honor is rewarding, but the work continues." Shepherd's TedxUGA talk on three biases in understanding science and his TedxAtlanta talk on "Slaying the Climate Zombies" are some of the most watched lectures about climate change on YouTube.

"Dr. Shepherd's commitment to science and to extending that commitment to public engagement is unparalleled," said Anna Stenport, dean of the Franklin College. "His work exemplifies the critical importance of multidisciplinary approaches that bring communication expertise together with science, and we are elated the National Academies recognize that as worth celebrating."

This article was written by Alan Flurry, Director of Communications for Franklin College, and originally appeared in <u>Columns</u>, UGA's online newspaper.

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UPCOMING DEFENSES - NOVEMBER 2024



Mon.

11/11

<u>Farnoosh Roozkhosh-</u> Proposal Defense November 7, 2024 1:30-3:00pm, GGY 321

Ashley Cornish- Proposal

10:00am-12:30pm, GGY 147

November 11, 2024



Fri.

12/06

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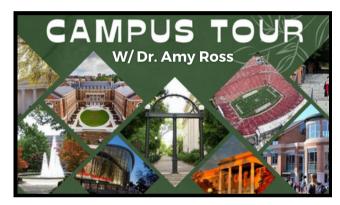
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<u>https://twitter.com/U</u> <u>gaGeography</u>





GEORGIA Department of Geography

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Change Stress Into Success

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<u>GGSA'S NOVEMBER CALENDAR</u>

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• GIS Transportation Internship

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The NEGRC provides services to 12 counties and 54 cities in Northeast Georgia through its offices located in Athens, GA. This position reports to the NEGRC's GIS Planner. For more information on the NEGRC's PGS Division, visit https://negrc.org/planning-government-services.

Minimum Qualifications: Training & Experience Requirements Undergraduate degree or in the process of obtaining an undergraduate degree from an accredited college or university with GIS experience. The ideal candidate will be a student currently enrolled in a planning, geography, or similar graduate program that has already completed GIS coursework and has an interest in transportation planning.

To Apply Submit a resume and cover letter to: Amber Bailey, HR Manager, abailey@negrc.org -ORMail to: Northeast Georgia Regional Commission, Attn: Amber Bailey, 305 Research Drive, Athens, GA 30605-2795. Review of applicants will begin on December 1, 2024 and continue until an applicant is selected. No telephone inquiries accepted. Position open until filled. The NEGRC is an Affirmative Action/Equal Opportunity Employer.

<u>"Waffle House Vistas, featuring photographs by Micah Cash -</u> <u>Thursday, November 7</u>

5:30 p.m. - Artist talk with Micah Cash

6 - 8 p.m. - Reception with waffles catered by Waffle House, free art activities, & door prizes



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<u>AAG Awards October Deadlines: Nominate Today</u>

We look forward to your nominations for these AAG Awards with deadlines in October. These awards are significant recognitions for geographers, from those just starting their careers to those celebrating decades of leadership.

We hope you will take this opportunity to put a spotlight on geographers who are advancing our discipline and making the world a better place through their work. This is your chance to nominate people who have made an impact on your career, people who inspire you, and people whose ideas and publications are moving the needle on geography as a discipline.

Due October 15, 2024 - Harold M. Rose Award for Anti-Racism Research and Practice. This award honors Dr. Harold M. Rose, a past president of AAG who was a pioneer in conducting research on the conditions faced by African Americans.

Due October 31, 2024 - Marble-Boyle Undergraduate Achievement Award Up to three awards per year. Each award consists of a cash prize of \$1,000 and a certificate of recognition, as well as priority consideration by Esri for summer internships. <u>Learn more</u>

Marble Fund Award for Innovative Master's Research in Quantitative Geography Two awards annually for the best research in quantitative geography leading to a master's degree. The awardee will receive a certificate of merit and a cash award of \$2,000. <u>Learn more</u>

For questions or further guidance about any of these opportunities, please email grantsawards@aag.org.

• <u>Tenure-Track Assistant Professor in Human-Environment</u> <u>Geography at University of Minnesota Duluth</u>

The Geography Program at the University of Minnesota Duluth invites applications for a tenure-track Assistant Professor in Human-Environment Geography that will begin August 18, 2025. This is a full-time, 9-month position. We seek a dynamic and innovative scholar whose research and teaching lie at the nexus of human-environment geography and sustainability, and who will contribute to the university's land grant and sea-grant missions. The successful candidate will demonstrate a commitment to place-based education that addresses critical issues in sustainability.

Our program offers a B.A. in Environment, Sustainability, and Geography, a B.S. in Geographic Information Science, and our faculty contribute to cross disciplinary graduate programs across campus. We are particularly interested in a candidate who can contribute to our existing programmatic strengths, while adding intellectual diversity to the Program in Geography in one or more of the following areas: environmental justice; energy systems and transitions; environmental health; climate change resiliency; environment and migration; or food systems. Scholars who utilize Geographic Information Systems (GIS) are especially encouraged to apply.

How to apply:

For the full posting and the link to apply, visit <u>employment.umn.edu</u> and search Job ID# 365093.

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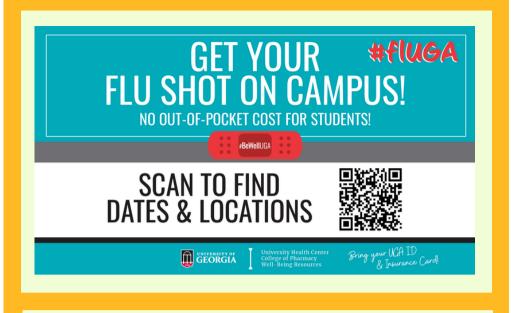


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<u>Tenure-Track Assistant Professor in Applied GIS / Geographic</u> <u>Information Science James Madison University</u>

The Geography program in the School of Integrated Sciences (SIS) at James Madison University invites applications for two tenure-track assistant professor positions in applied GIS starting August 2025, part of a broader hiring initiative across SIS themed "Technology for Resilient Futures." We are seeking colleagues who can integrate and develop GIS and geospatial technology to build our students' skills and bring new understanding to critical environmental and human challenges.

Primary course area assignments for this hire will include introductory GIS and, depending on the areas of expertise, classes in programming, intermediate and advanced GIS, qualitative GIS, field technology, data analysis, cartography/visualization, or other applied GIS upperlevel offerings.

<u>Research Opportunities with the Community Mapping Lab</u>

The Community Mapping Lab (CML) is looking for up to two undergraduate students to work as research assistants this spring. The CML has been doing collaborative work with Historic Athens and other area residents to create maps that show the history of the Reese Street neighborhood. Located near downtown between Broad St. and Prince Ave., Reese Street was once a major hub of Black life in Athens. Drawing on city directory data and conversations with community elders, students will help develop a virtual walking tour of the area that helps preserve and promote its history.

Students should have some familiarity with GIS, especially ArcGIS Online, before starting in this position. Previous experience with qualitative research is also welcome, though not expected.

If selected, students can apply for funding through the <u>CURO program</u>, which has a deadline of November 1st. Students can also register for credit hours under Geog4960R if desired.

Interested students can reach out to jshannon@uga.edu with a CV/resume and a brief description of relevant experience/interests.

Prioritize Your Well Being:

Change Stress Into Success

Change Stress Into Success November 6th 1:00 - 1:50pm Online - See UHC Site for details

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



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Job opening: Assistant Professor, Sustainable Cities at UNC Charlotte

The Department of Earth, Environmental and Geographical Sciences (<u>https://geoearth.charlotte.edu/</u>) in the College of Humanities & Earth and Social Sciences at the University of North Carolina at Charlotte invites applications for a tenure-track appointment at the rank of Assistant Professor in the area of Sustainable Cities (broadly understood) to begin on August 11, 2025.

This is a joint appointment between the Department of Earth, Environmental and Geographical Sciences (75%) and UNC Charlotte's School of Data Science (25%). The salary range for the position is \$79,500-\$82,500 plus stipend. We seek a dynamic and broadly trained urban geographer who can theorize about the spatial dimensions of critical sustainability issues facing cities today, including but not limited to urban inequalities, housing affordability, transportation accessibility, clean energy/energy efficiency, and/or sustainable urbanization and land use.

<u>Collegiate Assistant Professor in Meteorology</u>

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

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

Learn More & Apply Here!

Auburn U - Postdoctoral Fellow - Community Geography and Community GIS

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

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

Learn more and apply here!



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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 realtime 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.







FRIDAY, NOVEMBER 8TH, 2024 **The Graticule Weekly** UGA Geography's Weekly Newsletter



Message From The Department Head

Dr. Hilda Kurtz Shares a Message Following the 2024 Election



Good afternoon - The 2024 U.S. presidential election was arguably the most polarized and highest stakes such contest of our lifetimes to date. Whichever way the votes went, this election was going to bend the arc of history. At the conclusion of the election, half the electorate is exultant and the other half is deeply disheartened. At times like this, it is perhaps more important than ever to offer kindness and grace to friends, family and strangers alike.

Hilda Kurtz Department Head UGA Geography

Geography as a discipline and academic community develops vital skills of critical, rigorous and nuanced thinking. An important part of UGA Geography's mission is to encourage paths of discovery and connection for our students and the greater community. These efforts are supported by institutional norms and expectations for mutual respect even across difference.

As members of the UGA community, we are all expected to uphold The Pillars of the Arch: *Wisdom, Justice and Moderation*

Wisdom challenges us to apply lessons received inside and outside the classroom to our everyday lives. Wisdom transcends knowledge, embracing curiosity, discovery, and expression throughout our community.

Justice leads us to be fair in our dealings, accountable for our actions, responsible for ourselves, and empathetic for others. Justice requires honesty and celebrates diversity, establishing credibility and integrity for our community and ourselves. **Moderation** compels us to act with civility, bolstering our faith in others and the faith others have in us. Moderation accentuates our self-respect, promotes responsible citizenship, and enhances pride in our university.

(Read further on UGA Student's Rights and Responsibilities)

The Department of Geography's mission statements outline the strengths, values and ambitions of your major department as well: <u>https://geography.uga.edu/</u>. Our doors are open, please reach out and drop in any time.

Warmly,

Dr. Hilda Kurtz

Campus Resources For All Students

<u>Student Care & Outreach</u> - SCO is available to anyone experiencing grief or hardship. <u>Counseling and Psychiatric Services -</u> CAPS is available 24/7, standing ready to assist <u>UGA Safe App</u> -Download for mobile access to UGA safety and well-being resources <u>Code of Conduct</u> - Learn about behavioral expectations that uphold the Pillars of the Arch

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Molly Azami- Proposal Defense

November 11, 2024

11am, Zoom



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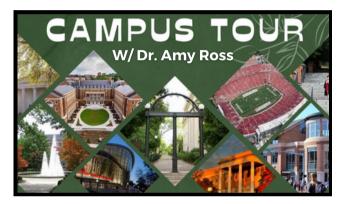
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<u>Full-time AmeriCorps VISTA roles</u>

From Coleman Allums, Office of Service Learning Community Food Fellows Program Coordinator - I wanted to share this job posting with you in hopes you might share out with grads/undergrads in the department. We're recruiting for a few full-time AmeriCorps VISTA roles to begin in January. The focus of the work will be on building capacity for food security organizations around town—the placements we have remaining are with the Food Bank of NE GA, the Athens Community Council on Aging, and Abundance Athens/UGA OSL. VISTAs would be embedded with one of these three organizations for their service year. If there is anyone graduating this fall term, this position would be timed perfectly!



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<u>https://twitter.com/U</u> <u>gaGeography</u>



• The Wilson Center Graduate Research Award for Arts & Humanities projects

The Willson Center Graduate Research Award provides support of up to \$1,250 toward research and practice-related expenses for arts and humanities projects that are essential components of a graduate degree program. Applicants should explain the importance of their proposed activity and justify it within their field(s) of study in a context of research excellence. The Willson Center is particularly interested in fostering interdisciplinary research at the graduate level.

Application is open to any humanities and arts graduate student registered for an advanced degree. Previous Willson Center Graduate Research Award recipients are ineligible. Graduate students may be supported in travel to archives, installations and performances, and other sites related to their research or creative activity. Applicants who give a lecture or presentation of their work at another institution during the award of this grant must recognize the Willson Center as a source of support.

Deadline to apply for Current year award: Feb. 14.

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Our program offers a B.A. in Environment, Sustainability, and Geography, a B.S. in Geographic Information Science, and our faculty contribute to cross disciplinary graduate programs across campus. We are particularly interested in a candidate who can contribute to our existing programmatic strengths, while adding intellectual diversity to the Program in Geography in one or more of the following areas: environmental justice; energy systems and transitions; environmental health; climate change resiliency; environment and migration; or food systems. Scholars who utilize Geographic Information Systems (GIS) are especially encouraged to apply.

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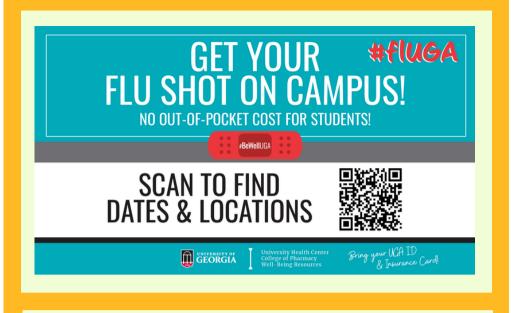


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GET HELP

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.

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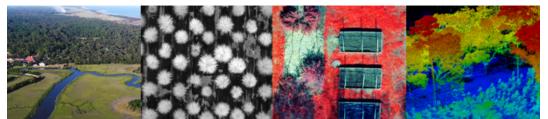
Conveniently located in one place to help you take immediate action.







FRIDAY, NOVEMBER 15TH, 2024 **The Graticule Weekly** UGA Geography's Weekly Newsletter



Exploring The Center for Geospatial Research (CGR)

CGR's New Website Highlights Updated Suite of Capabilities and Opportunities



UGA's <u>Center for Geospatial Research</u>, located in the <u>Department</u> of <u>Geography</u>, has introduced a re-vamped website to promote it's updated suite of monitoring capabilities and opportunities. In a recent <u>UGA Columns</u> article, Communications Director and writer Alan Flurry explores the new site:

Since 1985, the UGA Center for Geospatial Research has been dedicated to advancing remote sensing, mapping, and geospatial research. Along with the technological changes over that nearly 40 year history, the center's technical capacities have grown to reflect the advanced capabilities of today in environmental remote sensing and GeoAI, photogrammetry, small satellite development, and graduate and undergraduate training.

In service of promoting its updated suite of monitoring capabilities and opportunities, the CGR launched a re-vamped website, including a new page detailing its <u>drone services</u> for the first time.

"Our goal is to be the go-to place for anyone who needs drone data/processing and support, within and outside of UGA," said Deepak Mishra, Merle C. Prunty, Jr. Professor & associate head of the department of geography and director of the CGR. "Our ultimate sim is to make this center a premier Geospatial Center by taking advantage of the boom in GeoAI, satellite remote sensing, and other geospatial technologies."



The Drone Services page has a form visitors can use to request data collections. This will allow for CGR to become the go-to-place for drone data acquisition at UGA. The service benefits multiple groups inside and outside UGA and will help bring resources to CGR.



<u>A chronology page</u> highlights important moments for CGR over these past 39 years, including recognition by NASA and ESRI, distinguished positions by leadership, as well as project results being presented to President Jimmy Carter in support of humanitarian efforts by The Carter Center



<u>The students page</u> includes multiple possibilities to feature student's work. Hovering over a student's photo brings icons that link to the student's project page, department page or LinkedIn



<u>Grants received</u> by Dr. Madden, Dr. Mishra, and Dr. Bernardes are listed. Total received in grants, corrected for 2024 dollars, is over U\$47 million.



<u>The Publications page</u> has filter capabilities, so people can look for articles by a specific author, year or keyword.

The CGR invites the community to visit the site and inquire about their services.

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UPCOMING DEFENSES - NOVEMBER 2024



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Fri.

11/22

<u>Ashley Cornish-</u> Proposal Defense November 25, 2024 10:30am-12:00pm, GGY 147

> <u>Kelly Neighbour-</u> Proposal Defense November 22, 2024 8:30am-11:30am, GGY 147



<u>Maya Henderson-</u> Proposal Defense December 6, 2024 10:30am-12:30pm, GGY 147

MARK YOUR CALENDAR



November 16 Time TBA GGY Courtyard

Our building neighbors, the Department of Geology, has very graciously invited all Geography students, faculty and staff to attend their Department Tailgate. Free food will be provided - bring a dish to share!



Nov. 20 Jackson Street CRIT Building

GIS day is a national event that highlights the research and other work being done with GIS inside and outside the academy. Our current schedule includes a networking fair, graduate student poster and paper competitions, and an expert panel discussion.



Dec. 5 3-5pm Starland Lounge

This year's Winter Social will take place on Thursday, December 5th from 3-5pm at <u>Starland Lounge and</u> <u>Lanes</u>. There will be a taco bar, duckpin bowling, pool table, photo booth, and pac man! UGA GEOLOGY DEPARTMENT TAILGATE Saturday Nov. 16th

NOV/DEC

Defenses





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



<u>https://twitter.com/U</u> <u>gaGeography</u>





Any additional questions? Contact Professor Jerry Shannon at jshannon@uga.edu

Π GEORGIA

JOIN THE GEOGRAPHY **UNDERGRADUATE** GROUPME

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



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November 20th 1:00 - 1:50pm Online - See UHC Site for details

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

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2024 WINTER SOCIAL - STARLAND LOUNGE & LANES

* You're invited to the 2024 UGA Geography Winter Social! *

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<u>Learn more about Starland Lounge and Lanes</u>

* Get directions to Starland Lounge and Lanes

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



<u>https://twitter.com/U</u> <u>gaGeography</u>



<u>GGSA'S NOVEMBER CALENDAR</u>

Keep up to date with all of this month's exciting events hosted by UGA's Geography Graduate Student Organization! For more information, contact GGSA co-chair Isabella Fiorentino here!



MARIO CART TOURNAMENT

Pizza party and Mario Cart Tournament November 8th from 5-7PM in Geography room 147! There will be prizes for 1st and 2nd place so start practicing now!

UGA GIS DAY

Celebrate GIS Day with us on November 20th with various events throughout the day including a networking fair, poster session, drone demonstration, and panel discussion from industry experts.

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Campus Sustainability Grants

Learning through innovation and action.

Up to \$5,000 per project. Deadline is November 18th. Learn more at sustainability.uga.edu



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• GIS Transportation Internship

The Northeast Georgia Regional Commission (NEGRC) is seeking a qualified GIS (Geographic Information System) Transportation Intern within its Planning & Government Services (PGS) Division. The GIS Transportation Intern will assist PGS staff with GIS work related to transportation infrastructure mapping in the Northeast Georgia region through the Roadway Element Validation and Mapping Program (REVAMP) and other general planning related activities. Responsibilities will include data validation, capture, and creation, as well as the development of maps and graphics. This position will primarily involve in-office work, with flexible scheduling to accommodate academic schedules as appropriate.

The ideal candidate will have experience and a working knowledge in GIS technology including, but not limited to: spatial data analysis and maintenance, design, and cartography. Experience in Esri products (ArcGIS Pro) is a requirement.

The NEGRC provides services to 12 counties and 54 cities in Northeast Georgia through its offices located in Athens, GA. This position reports to the NEGRC's GIS Planner. For more information on the NEGRC's PGS Division, visit https://negrc.org/planning-government-services.

Minimum Qualifications: Training & Experience Requirements Undergraduate degree or in the process of obtaining an undergraduate degree from an accredited college or university with GIS experience. The ideal candidate will be a student currently enrolled in a planning, geography, or similar graduate program that has already completed GIS coursework and has an interest in transportation planning.

To Apply Submit a resume and cover letter to: Amber Bailey, HR Manager, abailey@negrc.org -ORMail to: Northeast Georgia Regional Commission, Attn: Amber Bailey, 305 Research Drive, Athens, GA 30605-2795. Review of applicants will begin on December 1, 2024 and continue until an applicant is selected. No telephone inquiries accepted. Position open until filled. The NEGRC is an Affirmative Action/Equal Opportunity Employer.

<u>Full-time AmeriCorps VISTA roles</u>

From Coleman Allums, Office of Service Learning Community Food Fellows Program Coordinator - I wanted to share this job posting with you in hopes you might share out with grads/undergrads in the department. We're recruiting for a few full-time AmeriCorps VISTA roles to begin in January. The focus of the work will be on building capacity for food security organizations around town—the placements we have remaining are with the Food Bank of NE GA, the Athens Community Council on Aging, and Abundance Athens/UGA OSL. VISTAs would be embedded with one of these three organizations for their service year. If there is anyone graduating this fall term, this position would be timed perfectly!



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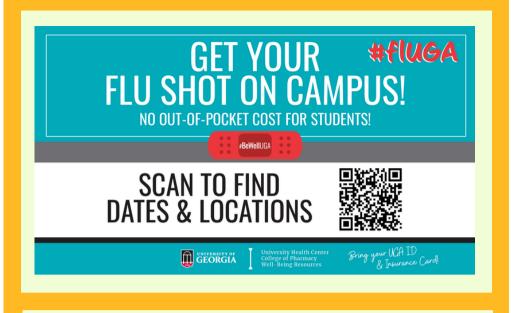


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FRIDAY, NOVEMBER 22ND, 2024 **The Graticule Weekly** UGA Geography's Weekly Newsletter



ATMOSPHERIC SCIENCES SPOTLIGHT

ATSC Students and Faculty Recognized By City of Conyers for Biolab Plume Forecasts



From left: Conyers Mayor Vince Evans; UGA professor Dr. John Knox; UGA students Justin Williams, Hanna Medler, and Ian Earley; and Conyers city manager Kameron Kelley.

UGA Atmospheric Sciences Professor John Knox and undergraduates Ian Earley, Hanna Medler, and Justin Williams were recognized by the City of Conyers at their city council meeting for providing forecast guidance and pollution trajectory forecasts during the Biolab fire crisis. Georgia Tech Professor Greg Huey and his students were also recognized for providing measurements of atmospheric pollutants during the event.

During the first week of the Biolab fire crisis in Conyers, John Knox and undergraduates ran NOAA Hysplit models - a model used to compute the dispersion of pollutants - to create forecast trajectories of the plume originating from the Biolab plant. UGA senior Ian Earley had experience using this model during his summer internship at the Savannah River National Lab. Earley, alongside junior Hanna Medler and senior Justin Williams, provided forecast briefings using the model results to the Conyers officials over four days, Oct. 1-4, 2024. All three students have had extensive experience with UGA's WeatherDawgs forecast team, which involves giving forecast discussions and doing forecast videos on a regular basis as part of ATSC(GEOG) 4121 - Weather Forecasting Seminar class.

The forecasts helped Conyers' City Manager Kameron Kelley make "critical decisions regarding city operations and, most importantly, the safety of employees and residents," according to a letter of appreciation provided by the city.



UGA Students Justin Williams, Hanna Medler, and Ian Earley pose with Dr. John Knox



UGA Students Ian Early, Hanna Medler, and Justin Williams

Hao Yang Receives First Prize in Research Paper Competition



UGA Geography PhD Candidate Hao Yang has won the first prize in the Best Student-Led Research Paper Competition. The competitionwas held in conjunction with the 71st Annual North American Meetings of the Regional Science Association International (RSAI) in New Orleans on November 15, 2024. Details about the competition and a full list of past winners can be found here: <u>NARSC Student Competitions</u>.

This marks the second time this year that Hao's work received recognition at national or international conferences, each time for a different paper. Earlier this year, Hao won 3rd place at the AAG 2024 John Odland SAM student paper competition for the paper entitled "Exploring Human Mobility Patterns: A Novel Approach to Sequential Pattern Mining and Similarity Measurement." Congratulations, Hao!

General News and Announcements



The Graticule Weekly is distributed each Friday Afternoon. If you have any news or events you'd like to share throughout the semester, please share them the Geography Department's Communication Coordinator well in advance. Past editions of The Graticule Weekly are available to view on our website!



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



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 <u>UGA Office of</u> <u>Emergency Preparedness website</u>.



UPCOMING DEFENSES - NOVEMBER 2024

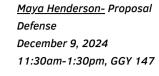


<u>Ashley Cornish-</u> Proposal Defense November 25, 2024 10:30am-12:00pm, GGY 147

Mon. 12/09

Fri.

12/13



<u>Kelly Neighbour-</u> Proposal Defense December 13, 2024 8:30am-11:30am, GGY 147

MARK YOUR CALENDAR



Dec. 5 3-5pm Starland Lounge

This year's Thanksgiving holiday will take place from November 27-29th. No classes will be held! Please note the Tuesday following Thanksgiving, Dec. 3rd will be a Friday class schedule. Enjoy your break!



Nov. 20- Dec. 11 Course Evaluations Site

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<u>Complete your Fall '24 Course</u> <u>Evaluations here</u>! Student feedback on instructional effectiveness is an important tool. Your comments are appreciated!



Dec. 5 3-5pm Starland Lounge

This year's Winter Social will take place on Thursday, December 5th from 3-5pm at <u>Starland Lounge and</u> <u>Lanes</u>. There will be a taco bar, duckpin bowling, pool table, photo booth, and pac man!



Fall '24 Course

Evaluations

Available

11/20 - 12/11

NOV/DEC

Defenses

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Prioritize Your Well Being:

Crafty Coping Club

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December 4th 6:30 - 7:30pm UHC Health Office

Crafts, chats and learning new skills -Crafts provided or bring your own -Crafting also not required, just come chat!



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



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

2024 WINTER SOCIAL - STARLAND LOUNGE & LANES

* You're invited to the 2024 UGA Geography Winter Social! *

This year's event will take place on Thursday, December 5th from 3-5pm at <u>Starland Lounge and Lanes</u>. There will be a taco bar, duck-pin bowling, pool table, photo booth, and pac man! Adult beverages will be available to purchase for individuals 21+. See the flyer below for more info:



<u>Learn more about Starland Lounge and Lanes</u>

* Get directions to Starland Lounge and Lanes

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/



<u>https://twitter.com/U</u> <u>gaGeography</u>



GGSA'S NOVEMBER & DECEMBER CALENDAR

Keep up to date with all of this month's exciting events hosted by UGA's Geography Graduate Student Organization! For more information, contact GGSA co-chair Isabella Fiorentino here!





Campus Sustainability Grants

Learning through innovation and action.

Up to \$5,000 per project. Deadline is November 18th. Learn more at sustainability.uga.edu



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• GIS Transportation Internship

The Northeast Georgia Regional Commission (NEGRC) is seeking a qualified GIS (Geographic Information System) Transportation Intern within its Planning & Government Services (PGS) Division. The GIS Transportation Intern will assist PGS staff with GIS work related to transportation infrastructure mapping in the Northeast Georgia region through the Roadway Element Validation and Mapping Program (REVAMP) and other general planning related activities. Responsibilities will include data validation, capture, and creation, as well as the development of maps and graphics. This position will primarily involve in-office work, with flexible scheduling to accommodate academic schedules as appropriate.

The ideal candidate will have experience and a working knowledge in GIS technology including, but not limited to: spatial data analysis and maintenance, design, and cartography. Experience in Esri products (ArcGIS Pro) is a requirement.

The NEGRC provides services to 12 counties and 54 cities in Northeast Georgia through its offices located in Athens, GA. This position reports to the NEGRC's GIS Planner. For more information on the NEGRC's PGS Division, visit https://negrc.org/planning-government-services.

Minimum Qualifications: Training & Experience Requirements Undergraduate degree or in the process of obtaining an undergraduate degree from an accredited college or university with GIS experience. The ideal candidate will be a student currently enrolled in a planning, geography, or similar graduate program that has already completed GIS coursework and has an interest in transportation planning.

To Apply Submit a resume and cover letter to: Amber Bailey, HR Manager, abailey@negrc.org -ORMail to: Northeast Georgia Regional Commission, Attn: Amber Bailey, 305 Research Drive, Athens, GA 30605-2795. Review of applicants will begin on December 1, 2024 and continue until an applicant is selected. No telephone inquiries accepted. Position open until filled. The NEGRC is an Affirmative Action/Equal Opportunity Employer.

Full-time AmeriCorps VISTA roles

From Coleman Allums, Office of Service Learning Community Food Fellows Program Coordinator - I wanted to share this job posting with you in hopes you might share out with grads/undergrads in the department. We're recruiting for a few full-time AmeriCorps VISTA roles to begin in January. The focus of the work will be on building capacity for food security organizations around town—the placements we have remaining are with the Food Bank of NE GA, the Athens Community Council on Aging, and Abundance Athens/UGA OSL. VISTAs would be embedded with one of these three organizations for their service year. If there is anyone graduating this fall term, this position would be timed perfectly!



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



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• The Wilson Center Graduate Research Award for Arts & Humanities projects

The Willson Center Graduate Research Award provides support of up to \$1,250 toward research and practice-related expenses for arts and humanities projects that are essential components of a graduate degree program. Applicants should explain the importance of their proposed activity and justify it within their field(s) of study in a context of research excellence. The Willson Center is particularly interested in fostering interdisciplinary research at the graduate level.

Application is open to any humanities and arts graduate student registered for an advanced degree. Previous Willson Center Graduate Research Award recipients are ineligible. Graduate students may be supported in travel to archives, installations and performances, and other sites related to their research or creative activity. Applicants who give a lecture or presentation of their work at another institution during the award of this grant must recognize the Willson Center as a source of support.

Deadline to apply for Current year award: Feb. 14.

Travel to Conferences and Professional Meetings Applicants who are applying for travel support to present a paper at a domestic conference are encouraged to direct their request to the <u>Graduate School</u>.

Click for more information, and to apply.

• <u>Tenure-Track Assistant Professor in Human-Environment</u> <u>Geography at University of Minnesota Duluth</u>

The Geography Program at the University of Minnesota Duluth invites applications for a tenure-track Assistant Professor in Human-Environment Geography that will begin August 18, 2025. This is a full-time, 9-month position. We seek a dynamic and innovative scholar whose research and teaching lie at the nexus of human-environment geography and sustainability, and who will contribute to the university's land grant and sea-grant missions. The successful candidate will demonstrate a commitment to place-based education that addresses critical issues in sustainability.

Our program offers a B.A. in Environment, Sustainability, and Geography, a B.S. in Geographic Information Science, and our faculty contribute to cross disciplinary graduate programs across campus. We are particularly interested in a candidate who can contribute to our existing programmatic strengths, while adding intellectual diversity to the Program in Geography in one or more of the following areas: environmental justice; energy systems and transitions; environmental health; climate change resiliency; environment and migration; or food systems. Scholars who utilize Geographic Information Systems (GIS) are especially encouraged to apply.

How to apply:

For the full posting and the link to apply, visit <u>employment.umn.edu</u> and search Job ID# 365093.

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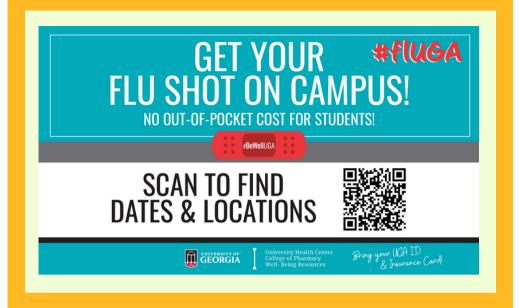


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<u>Tenure-Track Assistant Professor in Applied GIS / Geographic</u> <u>Information Science James Madison University</u>

The Geography program in the School of Integrated Sciences (SIS) at James Madison University invites applications for two tenure-track assistant professor positions in applied GIS starting August 2025, part of a broader hiring initiative across SIS themed "Technology for Resilient Futures." We are seeking colleagues who can integrate and develop GIS and geospatial technology to build our students' skills and bring new understanding to critical environmental and human challenges.

Primary course area assignments for this hire will include introductory GIS and, depending on the areas of expertise, classes in programming, intermediate and advanced GIS, qualitative GIS, field technology, data analysis, cartography/visualization, or other applied GIS upperlevel offerings.

<u>Research Opportunities with the Community Mapping Lab</u>

The Community Mapping Lab (CML) is looking for up to two undergraduate students to work as research assistants this spring. The CML has been doing collaborative work with Historic Athens and other area residents to create maps that show the history of the Reese Street neighborhood. Located near downtown between Broad St. and Prince Ave., Reese Street was once a major hub of Black life in Athens. Drawing on city directory data and conversations with community elders, students will help develop a virtual walking tour of the area that helps preserve and promote its history.

Students should have some familiarity with GIS, especially ArcGIS Online, before starting in this position. Previous experience with qualitative research is also welcome, though not expected.

If selected, students can apply for funding through the <u>CURO program</u>, which has a deadline of November 1st. Students can also register for credit hours under Geog4960R if desired.

Interested students can reach out to jshannon@uga.edu with a CV/resume and a brief description of relevant experience/interests.

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Job opening: Assistant Professor, Sustainable Cities at UNC Charlotte

The Department of Earth, Environmental and Geographical Sciences (<u>https://geoearth.charlotte.edu/</u>) in the College of Humanities & Earth and Social Sciences at the University of North Carolina at Charlotte invites applications for a tenure-track appointment at the rank of Assistant Professor in the area of Sustainable Cities (broadly understood) to begin on August 11, 2025.

This is a joint appointment between the Department of Earth, Environmental and Geographical Sciences (75%) and UNC Charlotte's School of Data Science (25%). The salary range for the position is \$79,500-\$82,500 plus stipend. We seek a dynamic and broadly trained urban geographer who can theorize about the spatial dimensions of critical sustainability issues facing cities today, including but not limited to urban inequalities, housing affordability, transportation accessibility, clean energy/energy efficiency, and/or sustainable urbanization and land use.

<u>Collegiate Assistant Professor in Meteorology</u>

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

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

Learn More & Apply Here!

Auburn U - Postdoctoral Fellow - Community Geography and Community GIS

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

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

Learn more and apply here!



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DEPARTMENT OF GEOGRAPHY WINTER SOCIAL

THURSDAY, DEC. 5TH FROM 3-5PM

TACO BAR

DUCK-PIN BOWLING

PHOTOBOOTH & PAC MAN

NON-ADULT BEVERAGES PROVIDED, ADULT BEVERAGES FOR SALE TO INDIVIDUALS 21+

STARLAND LOUNGE & LANES

145 East Clayton Street



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 realtime 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.





