

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.

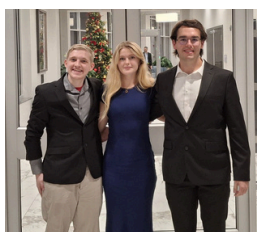
UGA Atmospheric Sciences Professor John Knox and undergraduates Ian Earley, Hanna Medler, and Justin Williams were recognized by the City of Conyers at their city council meeting for providing forecast guidance and pollution trajectory forecasts during the Biolab fire crisis. Georgia Tech Professor Greg 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 competition was 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: [NARSC Student Competitions](#).

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 others by checking out [the Watch For Dawgs official website](#).



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

Follow us on social media!



UPCOMING DEFENSES - NOVEMBER 2024



**Mon.
11/25**

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



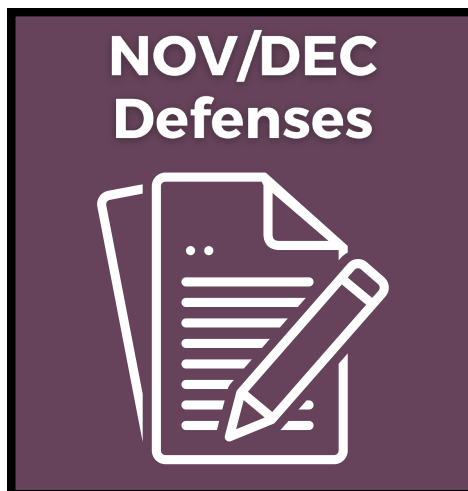
**Mon.
12/09**

Maya Henderson- Proposal
Defense
December 9, 2024
11:30am-1:30pm, GGY 147



**Fri.
12/13**

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



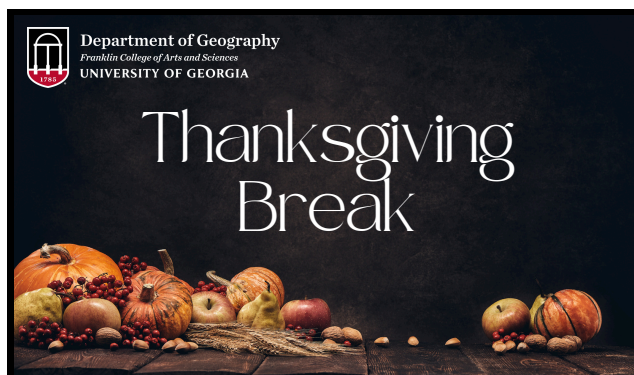
MARK YOUR CALENDAR



**Nov.
27-29**

Dec. 5
3-5pm
Starland Lounge

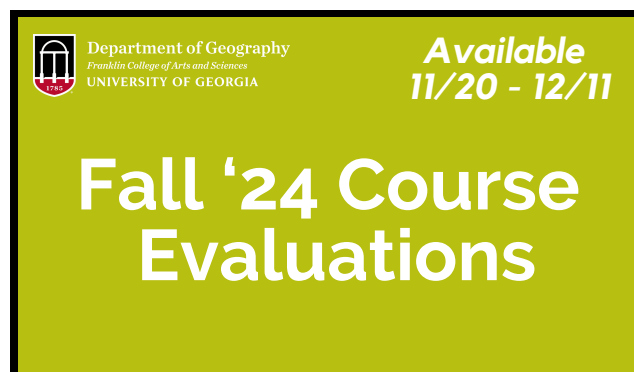
This year's Thanksgiving holiday will take place from November 27-29th. No classes will be held! Please note the Tuesday following Thanksgiving, Dec. 3rd will be a Friday class schedule. Enjoy your break!



**11/20-
12/11**

Nov. 20- Dec. 11
Course Evaluations
Site

Complete your Fall '24 Course Evaluations [here](#)! Student feedback on instructional effectiveness is an important tool. Your comments are appreciated!



**Thurs.
12/5**

Dec. 5
3-5pm
Starland Lounge

This year's Winter Social will take place on Thursday, December 5th from 3-5pm at [Starland Lounge and Lanes](#). There will be a taco bar, duck-pin bowling, pool table, photo booth, and pac man!



Prioritize Your Well Being:

Crafty Coping Club

Crafty Coping Club 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!



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

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



UMatter December 2nd
5:30-7:00pm
MLC 213

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

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 Starland Lounge and Lanes. 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:

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+

❄️ [Learn more about Starland Lounge and Lanes](#)

❄️ [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 Colonius.



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



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



<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

OPPORTUNITIES AND ANNOUNCEMENTS

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!

2021 November						
SUN	MON	TUE	WED	THU	FRI	SAT
					1 Fall Break - No Classes	2
3	4	5 Election Day Go Vote!	6	7	8 Mario Kart Competition in GEOG 147 at 5PM	9
10	11 Veterans' Day	12	13	14 Happy Hour at Little Kings Shuffle Club 5PM	15	16
17	18	19	20 GIS Day at UGA	21	22	23
24	25	26	27	28	29	30
THANKSGIVING BREAK - NO CLASSES						

December						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 Last Day of Classes Friday Schedule	4 Reading Day GGSA Study Hall 12-4PM	5 Final Exams Begin	6	7
8	9	10	11 Final Exams End	12	13 Fall Commencement Ceremonies	14
15	16 Grades Due	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	January 1 2025	2	3	4
5	6 Spring 2025 Classes Begin	Details forthcoming on the annual Geography Department Winter Social				

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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Follow us on social media!



OPPORTUNITIES & ANNOUNCEMENTS

- **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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<https://twitter.com/UGaGeography>



<https://geography.uga.edu>

OPPORTUNITIES & ANNOUNCEMENTS

- [The Willson 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 [Graduate School](#).

[Click for more information, and to apply.](#)

- [Tenure-Track Assistant Professor in Human-Environment Geography at University of Minnesota Duluth](#)

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 employment.umn.edu and search Job ID# 365093.

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OPPORTUNITIES AND ANNOUNCEMENTS

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

#BeWellUGA

**SCAN TO FIND
DATES & LOCATIONS**



UNIVERSITY OF
GEORGIA

University Health Center
College of Pharmacy
Well-Being Resources

Bring your UGA ID
& Insurance Card!

- [Tenure-Track Assistant Professor in Applied GIS / Geographic Information Science James Madison University](#)

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 upper-level offerings.

- [Research Opportunities with the Community Mapping Lab](#)

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 [CURO program](#), 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:

Crafty Coping Club

Crafty Coping Club 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!

University Health Center
Student Affairs
UNIVERSITY OF GEORGIA

"Let's Talk"

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

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

UMatter

UMatter December 2nd
5:30-7:00pm
MLC 213

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

STUDENT & FACULTY OPPORTUNITIES

- [Job opening: Assistant Professor, Sustainable Cities at UNC Charlotte](#)

The Department of Earth, Environmental and Geographical Sciences (<https://geoearth.charlotte.edu/>) 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.

- [Collegiate Assistant Professor in Meteorology](#)

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

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

[Learn More & Apply Here!](#)

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

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

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

[Learn more and apply here!](#)



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& PAC MAN



STARLAND LOUNGE & LANES

145 East Clayton Street

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



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

