The Graticule Weekly
UGA's Geography Newsletter

FRIDAY, SEPTEMBER 8TH, 2023

STUDENT SPOTLIGHT

UGA Geography Ph.D. Student Chintan Maniyar Receives NASA Fellowship

UGA Geography Ph.D. student Chintan Maniyar has been named a recipient of NASA's early career fellowship. The $150,000 fellowship, known as the Future Investigators in NASA Earth and Space Science and Technology (FINNEST), accepts proposals for graduate student-designed research projects that contribute to Science Mission Directorate’s science, technology, and exploration goals. Maniyar and project P.I. Deepak Mishra were one of 53 awardees selected for their proposal, “Detection, Driver-Response Analysis, and Forecasting of Cyanobacterial Harmful Algal Blooms in Inland Waters Under a Changing Climate.”

The project aims to fuse earth observation and artificial intelligence (AI) techniques to develop an integrated model for near-real time monitoring, quantification, and forecasting of CyanoHABs.

“The negative health consequences associated with cyanobacterial harmful algae blooms (CyanoHABs) are expected to disproportionately impact populations that are intimately associated with and directly dependent upon water resources and are thus more likely to encounter CyanoHABs,” said Mishra, Merle C. Prunty, Jr. Professor & associate head of the department of geography. “Continuous monitoring and information dissemination are key to tackling the challenge. Chintan’s proposed modeling framework will apply to a broad range of inland waterbodies worldwide.”

“The results and tools from this project will not only provide means for continuous monitoring and early warning of CyanoHABs, but will also help understand the long-term evolution of CyanoHABs under a changing climate and their functioning in a more localized way for inland waterbodies,” he said.

Read the full press release here!

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.

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

Follow us on social media!
Free professional photo booth:
Professional photos are a must-have for any LinkedIn account, but they can also be used for websites, portfolios, conference presentations, and more! The problem is finding the time and resources to get a professional photo taken. That’s why the UGA Career Center is proud to present our free, self-service photo booth.

Drop by the UGA Career Center 2nd Floor in Clark Howell Hall to take your photos! The booth is open Monday-Friday, from 8:30 AM until 4:30 PM.

No appointment necessary!

Transportation Update
Oconee Street

The Georgia Department of Transportation (GDOT) has completed its work to upgrade the culvert on Oconee Street near the Farmer’s Exchange building in downtown Athens. All lanes on Oconee Street and Foundry Street are now reopened.

Please continue to be mindful of other travelers and plan accordingly for extended commute times due to increased traffic from students, faculty, staff, and visitors navigating campus and adjusting to the fall semester.

Follow us on social media!
UPCOMING EVENTS

**Wed. 9/13**
September 13th 6:30pm
Physics 202

The Department of Physics and Astronomy is hosting a special public lecture/outreach event on Wednesday, September 13th at 6:30 PM, in room 202 of the Physics Building.

**Tues. 9/19**
September 19th
Special Collections Library
5:30-7:30 pm

Join us for the fourth annual Food, Power, and Politics Lecture featuring Maurice Bailey, President & CEO of Save Our Legacy Ourself (SOLO), a non-profit based on Sapelo Island. Geography professor Nik Heynen will moderate the event.

**Wed. 9/20**
September 20
Classic Center
12:00 - 5:00 pm

Meet with recruiters seeking students to fill both internship and full-time opportunities. Please dress professionally and bring copies of your resume!

**Thurs. 9/28**
September 28th
GEOG Room 200D
10:00 - 11:00am

Join us for a talk by Yifan Zhang titled "GeoGPT: Understanding and processing geospatial tasks through an autonomous GPT."

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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.facebook.com/GeographyDepartmentUGA/)

[https://www.instagram.com/geographyuga/](https://www.instagram.com/geographyuga/)

[https://twitter.com/UGaGeography](https://twitter.com/UGaGeography)

[https://geography.uga.edu](https://geography.uga.edu)
We have challenged the University of South Carolina to see which campus can collect the most basic needs items like food, personal hygiene and professional clothing during that week. Learn more here!

The Red & Black is now recruiting writers, designers, photographers and more! Fill out an interest form here.

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

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STUDENT OPPORTUNITIES

Did you know that UGA Geography now has it's very own job board? Internship opportunities, part-time, and full time Geography relevant postings are updated weekly. Click the image below to see available opportunities!

**Employment Opportunities with FEMA**
FEMA is hiring a GIS Manager and GIS Specialist. Learn more here!

**Geography Community Mapping Lab Research Opportunities**
Hot Corner: This section of downtown Athens (where the Morton and Trapeze are today) was the center of Athens' Black business district until the 1980s. The lab is working with Homer Wilson (owner of Wilson's Barber Shop) and others to create historic maps of this section of town based on city directory data and oral histories. A student research assistant would do some archival work to further develop our already existing list and be part of one or more focus groups with community elders to further refine the data.
If interested, email Dr. Jerry Shannon, jshannon@uga.edu with an email explaining your interest and qualifications along with a resume. Any questions are also welcome.

**GIS Position at Gwinnett County Public Schools**
Gwinnett County Public Schools Planning Department is hiring a GIS Analyst. The primary responsibilities of this position are to Coordinate the processes associated with the Geographic Information Systems (GIS) map development and maintenance, student information, and map synchronization for the Planning Department. See more details and application instructions here!

**Montgomery College- Full Time Geography Faculty Member**
Montgomery College, Rockville Campus, is seeking an Applied Geography faculty member to fill a position starting January 2024. We are seeking an enthusiastic and dedicated teacher who exhibits a high degree of professionalism, a strong commitment to our students, and the ability to motivate and educate in an engaging manner. This position is part of a collective bargaining unit. See more details and application instructions here!

**Student Research Award**
The Society for the Anthropology of Food and Nutrition invites applications for our $800 annual research award for Masters or PhD level students at an accredited college or university with a concentration in food and nutritional anthropology. The funding is intended to support the research phase of the project. This year we are particularly interested in decolonized, ethical research focused on food justice and food sovereignty.

Winners will be recognized at SAFN's Reception at the annual American Anthropological Association meeting. Learn more here!
The River Basin Center

CONFLUENCE: UGA WATER SCIENCE & POLICY POSTER SYMPOSIUM

3 to 5 p.m. Oct. 20, 2023 • UGA Special Collections Library, Banquet Room 285

This fall, join us for a poster contest, interdisciplinary networking opportunity and social!

The River Basin Center invites UGA graduate students who are conducting water science or policy research in any field to participate in a poster contest. We welcome research submissions at any stage, from early works in progress to completed projects. Posters may be submitted under two broad categories:

Natural Sciences Category — a research topic is related to physical, chemical, biological, and ecological processes in water resources research.

Social Sciences & Policy Category — a research topic is related to socio-economic, political, geographic, and policy implications of managing water resources.

Abstracts are due Sept. 15.
Cash prizes will be awarded, and snacks & beverages will be provided.

Learn more and find submission guidelines.

The River Basin Center thanks the event sponsors:
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