

The Graticule Weekly

UGA Geography Newsletter



GIS DAY: DEBRIEF

"Widening horizons in GIS applications and furthering the field in innovative solutions" (*Cornelia Scholz, Graduate Student at the University of Georgia, MSc Disaster Management*)

A couple of weeks ago, a team of undergraduate and graduate students from various niches across campus came together to put on GIS Day, a day specially dedicated to helping others learn about geography and the real-world applications of GIS that are making a difference in our society. Students at the University of Georgia took part in this global event by hearing from keynote speakers and panelists on the historic and current applications of GIS in our world (and some even got to witness a drone demonstration!).

Of course, none of the success of GIS Day would exist if it weren't for the team of students and sponsors who put the two-day event together. On behalf of the Geography department, we'd like to give a special thanks to the following sponsors and contributors: **Community Mapping Lab**, **UGA Remote Sensing and Spectroscopy**, **ESRI**, **Center for Geospatial Research**, **GUSTO**, **UGA Small Satellite Research Lab**, **UGA College of Environment and Design**, **UGA Warnell School of Forestry**, and **UGA Libraries**.

Lastly, a very special thank you to the team of students who put GIS Day together:

Ellen Delgado: Team Leader, Planning and Communication

Allison Li-Tsui Lee (Co-Chair): Planning and Communication

Kyle Jacob Steen (Co-Chair): Planning and Logistics

Rajneesh Sharma: Planning and logistics

Cornelia Scholz: Merchandising, graphic design, and communication

Rachel Ferus: Technical support, design of GIS DAY virtual space at Gather Town

Ryan Palmer: Drone demonstration planning and support

Niva: Photos, communication, and support for drone demo

Molly Dunn: Communication and logistics

Chintan Maniyar: Support in the design of GIS DAY virtual space at Gather Town

Awards & Accomplishments



Doctoral student, **Inhye Kong**, has successfully defended her dissertation on tourism geography.

After a successful trajectory in the program, Kong will join the Department of Geography as a post-doc to a nation-wide collaborative project ValPar ([Values of the ecological infrastructure in Swiss parks](#)) at the University of Zurich, Switzerland where she will analyze user-generated online content to assess the value of Swiss parks. Congratulations, Dr. Kong!

Grants, Awards, and Scholarships

[Global Research Collaboration Grant Program \(GRCG\)](#)

- Proposal submissions can be made [here](#).

Deadline to Apply: Fri., Dec. 10

AAG Awards

- [Dissertation Research Grants](#) (doctoral students only)
- [George and Viola Hoffman Award](#) (grad students working on geographical subject in Eastern Europe)
- [Marcus Fund for Physical Geography](#) (faculty only)
 - Student submissions accepted if the faculty member writes an accompanying letter stating how they will work with the student in the field

Deadline to Apply: Fri., Dec. 31

UNDERGRADUATE STUDENTS

News & Reminders

Study Away Opportunities

- [Georgia Coastal Field Studies - Historic Preservation Study Away program](#)

This program is a three-week (May 18-June 8) intensive Maymester course that serves as an introduction to the field of Historic Preservation along with skills in site documentation, hands-on conservation techniques, and conservation strategies for cultural resources on Georgia's coast. It includes visits to Cumberland, Sapelo, and St. Simons Islands!

Course prefix and number: HIPR 4811/6811 (3 credits)

Deadline to Apply: February 15, 2022

For more information on potential internship sites, please see [this PDF](#).

GRADUATE STUDENTS

News & Reminders

- [Graduate Travel Funding](#)

According to the [Graduate School webpage](#), if you are applying for grad travel funding you must:

- (1) be registered for classes for the semester you are planning to travel during*
- (2) apply to the conference*
- (3) submit an estimated travel budget (i.e. [Travel Authority form](#)), your conference acceptance letter, and your abstract to [Sarah Baker](#)*
- (4) login to to financial.onesource.uga.edu and assign delegates using the instructions [here](#) (hint: you'll only have to assign delegates once).*

Request deadline: Friday, December 10 (for Jan 1-Mar 31, 2022 travel dates)

Have any questions? Check our FAQ page [here!](#)

Check out our running list of assistant professorship opportunities and internships [here!](#)

FACULTY & INSTRUCTORS

News & Reminders

- Course Evaluations are live from Dec. 6-16th for students

Please inform your students that course evaluations go live starting December 6th and will be open until December 16th, 11:59pm. An e-mail reminder will be sent out to all students registered for a GEOG or ATSC class on the evaluations' open and close dates.

- "Cool Classes" Admissions Project - due Friday, Dec. 17

As part the Spring 2022 Social Media campaign, UGA Admissions is planning to highlight "cool classes at UGA". These would be upper- and lower-level classes that cater to the general public. If you teach a class that fits the bill, submit them to [Jerry Shannon](#) and [Kajal Patel!](#)

Info needed: course title, description, and characteristic of the class that might pique students' interests.

[Boren Awards and Critical Language Scholarship](#)

Deadline to Apply:

Jan. 5, 2022 (Boren Campus)

Jan. 26 (Boren Fellowship)

Feb. 2 (Boren Scholarship)

For a complete list of scholarships and awards and their deadlines, please view them [here](#).

Departmental Events

Dissertation Proposal	Wed., Dec. 8 9am
Defense - Amanda Aragon	Rm. 147 and via Zoom

Dissertation proposal title: "A Mixed-methods Approach to Assess Urban Green Gentrification in Metro Atlanta".

Oral Comp Exam - Ruowei Liu	Thurs., Dec. 9 1pm via Zoom
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Committee members include Drs. Xiaobai Yao (Committee Chair), Marguerite Madden, Jerry Shannon, and Sheng Li (Computer Science).

Oral Comp Exam - Rachel Arney	Thurs., Dec. 9 1pm Rm. 147 and via Zoom
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Committee members include Drs. Jenn Rice (Committee Chair), Amy Trauger, Steve Holloway, Laura German (Anthropology), and Jesse Abrams (Warnell).

Campus-wide and Other Events

Grad Pics with Hairy Dawg	Tues., Dec. 7 2-5pm Tate Reception Hall
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More information about the event [here!](#)

Follow us on social media!



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UGA Geography Newsletter



RESEARCH

An Elephant Never Forgets: How GIS Helped Save a Playground Pachyderm

It's not every day you see a 10-tonne elephant trotting alongside your window at school. Nonetheless, primary school children at Baobab Primary School in Victoria Falls, Zimbabwe experienced just that. Luckily, the elephant was one that a team at the Victoria Falls Elephant Project had been tracking using GIS. Knowing how African elephants move through space and, especially, how this elephant had been behaving in the community, the team was able to execute a plan that would clear the schoolyard and save the elephant's life.

In collaboration with Connected Conservation, an organization that tracks elephants in southern Africa by using collars that provide their locations every 15 minutes, the Victoria Falls Elephant Project had been tracking the elephant that visited the schoolyard since July 2017. According to the data, the elephant had made the town his home and was familiar to the community. But a year into the study, his daily schoolyard visits were putting children in danger.

Typically, people's first response to a recurring incident like this is to euthanize the animal. Although that eliminates the imminent threat, it is inhumane and removes the elephant from important and costly research. Fortunately, when the school called the Zimbabwe Parks and Wildlife Management Authority (ZimParks) to remove the elephant, the rangers noticed the collar and contacted the Elephant Project's team to see about finding a solution that was at once compassionate for the elephant and safe for the children. The creative cure they came up with? Applying chili oil-infused wax to his trunk. (In Zimbabwe, farmers have long used chili peppers to keep elephants far from their crops.) But surely this couldn't keep a 10-tonne elephant away from a schoolyard, right? Well, actually... it worked. The elephant associated the schoolyard with the trauma triggered by the chili wax and left immediately. Continuing to track the animal, the team saw that the elephant avoided the schoolyard for more than two years, and when he eventually did return, he only went within 250 meters of the schoolyard, keeping the town's children safe and the elephant away from an untimely death.

>> For more on the story, check out [ESRI's ArcNews page!](#)

Awards & Accomplishments



Geography and ICON Ph.D. student, Rachel Arney, has successfully defended her comprehensive exams and is now prepared to move onto the dissertation phase of her degree. Arney's committee includes Drs. Jennifer Rice (Chair), Steven Holloway, Amy Trauger, Laura German (Anthropology) and Jesse Abrams (Warnell). Congratulations, Rachel!



Two researchers in the Geography department, Ellen Delgado Florian and Dr. Fausto Sarmiento, have recently published an article, alongside their team of researchers outside of the university, on private protected areas (PPA) in the cloud forests of Peru, specifically questioning the effectiveness of community PPA. More on their research and findings can be found [here!](#)

General News

Attention undergraduates and graduate students:
There are still a few seats available in the department's upper-level courses! Please see [this course infographic](#) for more details on courses available and how to register for them.

UNDERGRADUATE STUDENTS

News & Reminders

Internship Opportunities

- [Scientists in Parks \(SIP\) Fellows program](#)

Now accepting applications from current upper-level undergraduate students for Summer 2022 opportunities with the National Park Service. Each opportunity with the SIP Program affords a distinct and memorable experience with projects that vary based on location, focus, and complexity. This year's projects include tracking coral reefs at War in the Pacific National Historical Park, community-based education and outreach at Everglades National Park, and surveying pollinator abundance at Yosemite National Park. Visit the [website](#) to get the full list of 2022 opportunities!

Deadline to Apply: January 23, 2022

For more information on potential internship sites, please see [this PDF](#).

Course Offerings

- [WMST 4070/6070: North American Asian Feminisms](#)

Dr. Cecilia Herles, of the Institute for Women's Studies, will be teaching a course on North American Asian Feminisms next Spring that may be of interest to some undergraduate students in Geography.

In this course, students will critically analyze North American Asian feminisms and evaluate the use of the category of "Asian Americans" and the model minority myth.

The class will work together to consider historical and contemporary lived experiences and students will be asked to examine the intersections of gender, race, ethnicity, class, nationality, and sexuality in a variety of topics.

Course Evaluations are now available for all Geography and Atmospheric Sciences courses. All students registered for these courses have been notified and can access their evaluations [here](#).

Grants, Awards, and Scholarships

AAG Awards

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GRADUATE STUDENTS

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In this course, students will critically analyze North American Asian feminisms and evaluate the use of the category of "Asian Americans" and the model minority myth, as well as consider historical and contemporary lived experiences.

Check out our running list of assistant professorship opportunities and internships [here](#)!

Events

Mapping Your Career Pathway - AAG Early Career Webinar series	Tues., Dec. 14 3-4:15pm Online *Register here !
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Join Dr. Joseph Kerski of Esri for the final webinar session of the year to learn what forces and trends in society will be most relevant during the 2020s that will impact geography and how can you embrace these forces and trends and build skills to chart an effective career pathway.

Dr. Kerski has served as a geographer in four workforce sectors (industry, government, nonprofit, and academia).

Follow us on social media!



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UGA Geography Newsletter



A MESSAGE TO OUR GRADUATES

A message from the Department Head, Dr. Hilda Kurtz -

To our graduates... congratulations on your outstanding achievement in the Geography department and at the University of Georgia! A degree in Geography and/or Atmospheric Sciences is more important than ever, as together we confront a changing world. We are very proud of you, your perseverance through a pandemic and more, your curiosity about the world, and all that you have learned here at UGA. We have confidence that the knowledge and skills you've built as a part of UGA Geography will take you places. While it is bittersweet to say so long for now, we are excited to see where your journeys lead you and share in your future accomplishments, starting with this one. Congrats, grads!

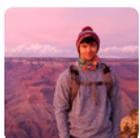
Congratulations to the following grads:

Undergraduate

- Theodore Sifnaios (B.S., Geography)
- Gloria Duenas (A.B., Geography)
- Samuel Shuster (B.S., Geography)
- Nicholas Roth (A.B., Geography, B.S., Geography)
- Kayleigh Taillefer (B.S., Geography)
- Amelia Brown (A.B., Geography)
- Jared Shelton (B.S., Geography, B.S., Atmospheric Sciences)

Graduate

- Ye Tian (Ph.D., Geography)
- Inhye Kong (Ph.D., Geography)
- Leanne Purdum (Ph.D., Geography)
- Gabrielle Lichtenstein (M.A., Geography)



S. Shuster



K. Taillefer



A. Brown



Y. Tian



I. Kong



L. Purdum



G. Lichtenstein

Attention, Undergraduate and Graduate Students:

Spring 2022 - Course Registration

There are still a few seats available in the department's upper-level courses! Please see [this course infographic](#) for more details on courses available and how to register for them.



Senior Signature

The first Senior Signature plaque was created in 1991 with just a few hundred signatures. Today, thousands of graduating students make a difference by donating a minimum \$30 gift to the university. This gift includes a designation option so that graduates can give to any school, college, department, program, or scholarship that has had a personal impact on them during their time at UGA. All May, August and December 2022 undergraduate and graduate students are eligible to include their name on the plaque. The deadline to give is March 31, 2022. Follow the [UGA Alumni Association](#) for more information on how to give!



UGA Athletics - Tutors Needed!

Tutors are needed Spring 2022 to provide individual and small

UNDERGRADUATE STUDENTS

News & Reminders

Internship Opportunities

- [Marine Physical Laboratory \(MPL\) at the Scripps Institution of Oceanography](#)

The Marine Physical Laboratory, at UC San Diego's world renowned Scripps Institution of Oceanography, is currently seeking inquisitive, motivated undergraduate students with exceptional aptitude for quantitative science to apply for the 2022 MPL Summer Internship Program. This ten-week internship will offer qualified students the opportunity to work with some of the most notable scientists in the world and learn about marine science and technology while earning a modest salary. In addition to their research, students will attend weekly seminars given by members of MPL faculty and scientific staff and others.

Deadline to Apply: January 14, 2022, 4pm (PST)

- [Scientists in Parks \(SIP\) Fellows program](#)

Now accepting applications from current upper-level undergraduate students for Summer 2022 opportunities with the National Park Service. Each opportunity with the SIP Program affords a distinct and memorable experience with projects that vary based on location, focus, and complexity. This year's projects include tracking coral reefs at War in the Pacific National Historical Park, community-based education and outreach at Everglades National Park, and surveying pollinator abundance at Yosemite National Park. Visit the [website](#) to get the full list of 2022 opportunities!

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GRADUATE STUDENTS

News & Reminders

- [Auburn's National Science Foundation Research Traineeship \(focus on Climate Resilience\)](#)

NSF Research Traineeship program aims to train the next generation of scientists and leaders who can help build resilient communities that are prepared for, can effectively respond to, and quickly recover from damaging hazard events in the Southeastern United States. The program incorporates facets of physical, social sciences, and engineering to examine and increase the resilience of communities to climate-related hazard events. More information on the traineeship can be found [here](#), and information on the application process can be found [here](#).

Deadline to Apply: January 10, 2022

Check out our running list of assistant professorship opportunities and internships [here!](#)

FACULTY AND INSTRUCTORS

News & Reminders

- [Spring 2022 syllabus language regarding COVID-19](#)

On behalf of the Office of Instruction, please review [this memo](#) regarding COVID-related language for your Spring 2022 syllabi.

group tutoring to student-athletes in the Rankin Smith Student-Athlete Academic Center, particularly in GEOG 1111, 1112, and 1130. (Additional courses in other subjects are needed as well.) Undergraduate students will be paid \$11/hr., and graduate students \$13/hr. If you are interested in applying, please contact [Whitney Burton](#).

Grants, Awards, and Scholarships

AAG Awards

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Deadline to Apply: Fri., Dec. 31

**More AAG Awards with Dec. 31st deadlines can be found [here](#).*

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