

AUGUST 26, 2022

# The Graticule Weekly

UGA Geography Newsletter



## WEATHER TO BOUNCE

UGA Geography Professor Dr. John Knox's New Study Reveals 479 weather-related bounce house injuries, 28 deaths



Over a decade ago, Dr. John Knox saw a joke on Facebook comparing the phenomenon of runaway bounce houses to the scientific study of dust particles in the atmosphere. Several years and hundreds of hours of intensive, intricate research later, Dr. Knox now admits that bounce houses are no joke. The results of his recently published study reveal a plethora of injuries and deaths caused by a volatile combination: windy weather and large inflatable structures.

The study reveals that bounce houses can be nearly as threatening to children's safety as trampolines, especially when exacerbated by inattentive parents or improperly anchored equipment. Alongside several graduate students, Dr. Knox engaged in a meticulous information gathering process involving cartographic data-mining, social science meteorology, regulatory investigation, and information dissemination procedures to achieve the study's results.



"This research is a prototype for the kind of work geographers can do. The initial collection of the wind-related bounce house accidents was data mining on the Internet, combined with cartography. The identification of the meteorological causes was atmospheric sciences, but with a social science spin because we had to use qualitative methods to classify, including intercoder reliability tests. We delved into the regulatory landscape, which was a dive into legalese and qualitative methods, again, something that Josh Barkan is better at than I. And then the website development exhibits the community outreach angle that is classic geography. So, this is what geography looks like--no siloes, everything together." -Dr. John Knox

To Learn more about Dr. Knox's research, including bounce house safety tips, visit the [study's official website](#)

All photos provided by Dr. John Knox

## General News and Announcements



Starting the week of August 19th, The Graticule will resume weekly publication. If you have any news or events you'd like to share throughout the semester, please share them with [Matt Calonius](#) well in advance. The Graticule will be distributed each Friday afternoon.



Planning on going green and biking between classes? Great idea! Make sure you prioritize your cycling safety by checking out the [Watch for Dawgs Smart Cycling Guide](#).



Missing something? The Geography Department's lost and found is located in the staff offices on the second floor of the building. Please be prepared to describe your lost item so that we can ensure we're returning items to their rightful owners. Current found items include keys, glasses, and earbuds,

Follow us on social media!



# UGA GEOGRAPHY IN ORBIT

## Geography Department Staff and Students Travel to the Small Satellite Conference in Logan, Utah.

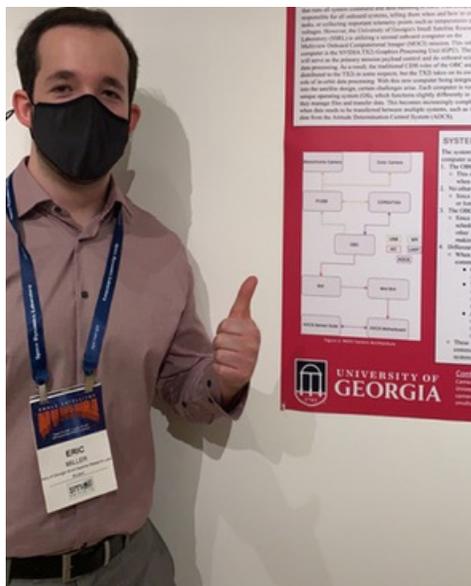


UGA students, accompanied by the Department of Geography's Small Satellite Research Lab Manager, Sydney Whilden, attended this year's Small Satellite Conference in Logan, UT.

Conference participants enjoyed a series of technical lectures and 'flash-style' presentations focused on all things related to small satellite research. The event also featured keynote speaker, Peter Beck, the founder and CEO of Rocket Lab, an ambitious aerospace and launch service company.

Sydney Wilden presented research conducted alongside UGA Geography Professor Deepak Mishra on the lab's 2020 satellite launch. The purpose of the satellite launch was to examine spectral ocean color along Georgia's coast in order to provide recommendations on environmental conservation.

To learn more about the Small Satellite Conference, see their [official website](#). For more info on UGA's satellite launch, check out their [research paper!](#)



All photos provided by Sydney Whilden



East Campus Road/Baldwin Street Road remains closed to vehicle traffic due to safety concerns after a steel beam beneath the trestle was damaged. Travelers should consider alternate routes and plan for extended commutes.

## Opportunities available to all students:

### FULBRIGHT U.S. Student Program

The 2023-2024 Fulbright competition is open! The campus deadline to enter is September 6, 2022. [Learn more](#) about the program and how to apply!



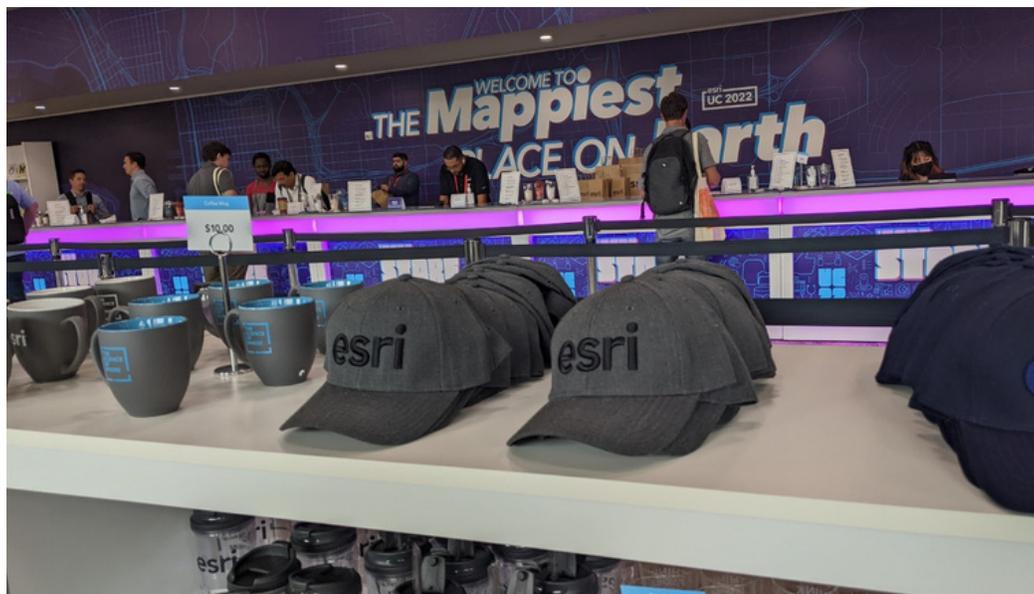
If you are looking to obtain leadership skills and have opportunities to earn more volunteering hours, [apply for the executive board with the Red Cross!](#) Throughout the semester, they hold blood drives, fundraising events, and more.

# SUMMER SLIDESHOW SNEAK PREVIEW

Interested in learning what UGA Geography faculty and grad students were up to this summer? Join us for the annual Summer Slideshow on **September 9th** at **3:30PM** in the **Geography building, Room 200c**. Faculty members and grad students will display photos and briefly discuss their summer travels and adventures.

This summer, Dr. Jerry Shannon attended the ESRI users conference in San Diego (pictured right and directly below) as well a conference in Boston on the impacts of dollar store growth on health outcomes (bottom photo).

**Note to interested faculty and grad students: Matt Calonius will be emailing instructions on how to submit your slide within the coming week-- keep an eye out!**



All photos provided by Dr. Jerry Shannon

## Departmental events:



Annual Slideshow	September 9th
	3:30pm
	GEOG Room
	200C

*What did UGA Geographers do this summer? Join us to find out! This event features a slide show displaying all that UGA geographers have been up to while school was out of session.*



Final Friday Coffee Break	Sept. 30
	Oct 28th
	Nov 18th
	10:00am
	Main Geography Office

*Join us for a coffee break and a chance to catch up!*



UGA American Meteorological Society Meeting	Sept. 1
	6:30PM
	Geog/Geol
	Courtyard

*UGA AMS is a student-lead organization open to all. Our purpose is to give students and faculty alike the opportunity to discuss and enjoy the weather and atmospheric sciences outside of a classroom setting.*

# UNDERGRADUATE STUDENTS

## Opportunities to Consider

- [Environmental and Energy Studies Institute Internships](#)  
*Paid Internship opportunities are available!*
- [National Park Service Geoscientists in the Park Internships](#)

*Volunteer and Internship opportunities available!*

- [Carter Center Internships](#)

*Check out the career center site for everything you need to know about internships!*

- [The UGA Office of Global Engagement is Hiring](#)

*OGE is currently hiring for one FWS to serve as a TerraDotta student worker. TerraDotta is the software we use to manage study abroad programs and applications. The ideal student should have some coding/IT experience. They are also hiring for four clerical/backup front desk positions. This position is responsible for various tasks that help OGE to run smoothly, such as application management, running reports, serving as a backup at the front desk, and other clerical tasks.*

- [The Georgia Center for Continuing Education and Hotel as well as the Student Success and Advising Center are Hiring](#)

*Interested Federal Work Study students should click the above link for a comprehensive list of all currently available positions.*

## Campus-wide and other events:



UGA Fall Career & Internship Fair      September 29th  
12:00 p.m.- 5 p.m.  
Classic Center

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



UGA Engagement Fair      August 30th,  
September 1st  
7:00 p.m.-  
10:00p.m.  
Tate Center

*The Engagement Fairs are designed to help students kick start their engagement at UGA. Explore student organizations and engagement opportunities at UGA at night one of the Engagement Fair*

# GRADUATE STUDENTS

## Opportunities to Consider

- [National Park Service- Recent Graduate Internships and Career Opportunities](#)

*The National Park Service is currently accepting applications for a variety of positions in a variety of different disciplines. Recent graduates are encouraged to explore their "recent graduates" page as well as their Pathways Internship Program.*

- [The National Park Service is Currently Accepting Applications for a Natural Resource Specialist \(GIS\)/Cartographer/Geographer](#)

*This position serves as the regional coordinator and staff advisor to the Deputy Regional Director on matters relating to Geographic Information system (GIS) activities.*

- [Graduate Assistantship with UGA Campus Kitchen - no due date](#)

- [Visiting Professor at the George Washington University - no due date](#)



An Evening of Chamber Music      August 30th  
7:30 p.m.- 8:30 p.m.  
Ramsey Concert Hall

*Hugh Hodgson School of Music faculty with a guest artist from the Atlanta Symphony Orchestra will perform a free Chamber Music concert featuring works by Brahms and Dohnanyi.*

*Building Technological Literacy in the  
Department of Geography*

## RESOURCES

### Google Drive vs OneDrive:

*Which cloud storage is best for which purpose?*

The University of Georgia has subscriptions to both Microsoft Office Suites and Google Workspace, but what's the difference between the two, and what are the perks of each? Find out more on the [Franklin College Knowledge Base!](#)



CERT	Every Thursday
Emergency	beginning
Preparedness	September 1st
Training	12:00 p.m.- 5 p.m.

*The UGA CERT program educates the campus community (faculty, staff, and students) about disaster preparedness and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization and disaster medical operations. CERT members are better prepared to help themselves and those around them in an emergency.*

*The first class will begin on Thursday, September 1, 2022 at 2:30pm. We will meet every Thursday from 2:30 - 5:00pm for 8 weeks. If you know anyone who is interested, please ask them to fill out the form in the link below. Feel free to contact me with any questions. Our recent CERT classes have been outstanding and I am sure the Fall 2022 CERT class will be as well.*

*For more information or to apply for the Fall 2022 CERT class, please go to: CERT – Community Emergency Response Team – University of Georgia Office of Emergency Preparedness ([uga.edu](http://uga.edu)).*

## TRAINING AND DEVELOPMENT PROGRAMS

[MS Excel - Tips, Tricks and Techniques](#) (available in PEP)

There are trainings in Excel available in the Professional Education Portal! After you login to PEP, search "MS Excel" in the "Search for learning" search bar, and see what there is to offer.

\*For more trainings, check the Center for [Continuing Education website](#), [Training & Development website](#) (for current employees), and the [Professional Education Portal!](#)

## FOR YOUR INFORMATION

### UGA CELEBRATES SUCCESSFUL ACADEMIC YEAR

#### ACADEMIC EXCELLENCE

**#16**

AMERICA'S BEST  
PUBLIC UNIVERSITY  
*U.S. News & World Report*

**95%**

STUDENT RETENTION RATE

**88%**

STUDENT COMPLETION RATE

**92%**

CLASS OF 2021

*are employed, attending grad school  
or engaged in post-grad internships,  
all within six months of graduation*

Tejas Reddy named 2022 Udall Scholar  
Claire Bunn named Gates Cambridge Scholar

Marshall Shepherd, the Georgia Athletic Association  
Distinguished Professor of Geography and Atmospheric Sciences  
at the University of Georgia, named SEC Professor of the Year

#### RESEARCH & INNOVATION

**\$494M**

R&D EXPENDITURES IN FY 2021

**TOP 5**

FOR NEW PRODUCTS  
*Among U.S. Universities*

#### PUBLIC SERVICE & OUTREACH

**\$7.4 BILLION**  
ANNUAL ECONOMIC  
IMPACT ON GEORGIA

*UGA Professor of Geography and Atmospheric Science,  
Marshall Shepard was featured in this infographic published  
by UGA Columns*