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
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!

American Red Cross
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
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.

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**

Campus-wide and other events:

- **UGA Fall Career & Internship Fair**
  September 29th
  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
  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

- **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.
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!

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 Bunt 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

*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).

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