WINTER SOCIAL, POTLUCK, & CHILI COOK-OFF

As we wrap up the Fall ‘22 semester and turn our sights towards the Spring, we invite you to our Annual Winter Social as an opportunity to destress and enjoy the company of colleagues before the push through final exams. This year, our Winter Social will be a potluck style event—all are welcome to bring their favorite dish. If bringing something isn’t feasible for you, please don’t let that stop you from attending—we’ll have enough for everyone!

The event will be held at the gorgeous Flinchum’s Phoenix Lodge in Whitehall Forest. The event space is perfect for the season with a massive health, wood floors, beams/trusses across the ceiling, and almost too many porches to count all of which overlook the Middle Oconee River. Click here for directions and a map to the lodge!

This year, Winter Social attendees will be entertained by UGA Geography/Atmospheric Sciences very own student band, The Sun-Dawgs, led by Dr. John Knox. The group will be playing weather-themed live music for all to enjoy!

Back by popular demand, this year’s event will also feature our White Elephant Gift Exchange! If you’re unfamiliar with the game (as I am) here’s a rundown of how it works from Dr. Hilda Kurtz: “You bring a low-cost gift, $10 or less, which can be something funny, useful, ridiculous, whatever, and put it in a pile on the hearth. Everyone draws a number from 1 to n. Starting at with 1, people take turns opening gifts. Anyone after #1 can either open a gift, or take a gift from someone who has already opened it. If your gift gets taken, then you get to open another one from the pile on the hearth. It can get a little goofy sometimes – all in good fun.” We can’t wait to see you there!

Photos from last year’s Winter Social at Flinchum’s Phoenix
Final's Week Dec. 9-14th

It's hard to believe, but final exam week is rapidly approaching! Make sure you're prepared for some of the final assignments of the semester! See the full schedule here!

Virtual Documentary Night

We are meeting from 7:00 to 9:00 pm EST. We'll do multiple rounds of small group discussions, have a Q&A with the director Tamar Kummel, then end with a vote on next month's film! Stay as long as you like! Please watch the film before we meet for the discussion.

The 2022 American Conference for Irish Studies/SOUTH will take place December 2-3, 2022 in Athens, Georgia. The conference theme is "Border Crossings." The public is welcome to attend with no registration required. Click here for more info.

Course evaluations are available now! Please sign in to the course evaluation website with your MyID to complete your evaluations! Your feedback is valuable to our instructors and the department!

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December 16th
UGRD- 9:30am
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Check out the Commencement website for more information.

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APPLY TO BE A 2023 WORLD LEADER

World Leaders provide the first official welcome to all new international University of Georgia students and help them prepare for a successful beginning on campus. This position provides a unique opportunity to have a positive impact on newly admitted international students while also developing leadership, communication, and teamwork skills.

Scan the QR code for more!
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UGA's Geography Newsletter

HIGHLIGHTING HIDDEN FIGURES
ATMOSPHERIC SCIENTISTS CREATE A NEW PARADIGM FOR DIVERSITY IN STEM

UGA Atmospheric Sciences professors Dr. Marshall Shepherd, Dr. John Knox and students Chandler Countryman, Theresa Dixon, Katrina Ducre, P. J. Gudz, Shay Magahey, Killian McSweeney, Kelly Neighbour, Cam My Nguyen, R. Alex Pry, Jantilyn Sanders, Jada M. Smith, Allison Steele, Ben Thigpen, and Savanna Warren have published a new paper in the American Institute of Physics’ biannual History Newsletter. Their collaborative effort details the creation of the department’s Hidden Figures in Atmospheric Sciences course. The authors of the paper describe how the course was created as a response to the systematic lack of diversity across STEM fields. They aim to set a new precedent for collegiate curriculum that includes the perspectives of those who have been traditionally disenfranchised through a lack of representation in the course material. According to the authors, “the literature on those who leave STEM fields is replete with data and stories of people who simply do not see themselves belonging in the field.” Therefore, one goal of the Hidden Figures course is to reimagine the core curriculum so that it can resonate with students of varying backgrounds.

The course aims to subvert the longstanding scientific tradition of removing personal details in favor of “timeless scientific truth.” Instead, the goal of this course is to “learn about this truth in the context of other truths, such as the experiences of and hurdles overcome by the people who made these discoveries.” To service this goal, the course creators have invited Atmospheric Sciences pioneers and luminaries of the field to speak about their contributions such as Brenda Chester Johnson who “spoke to the class about her eye-opening experiences as a woman of color in our field in the 1980s.”

Another crucial aspect of reimagining traditional STEM course curriculum for the Hidden Figures class has been to encourage an inclusive and collaborative process for the creation of all course content. “It was made clear that both student and faculty were creating the course together; in that vein, all presentations and publications are coauthored by all class members.” Though this course covers traditional topics in the Atmospheric Sciences (e.g. “hurricanes, tornadoes, weather forecasting methods, etc.”) it does so by exploring the pioneering work of individuals whose experiences are often overlooked. The creators of this course intentionally designed its framework so that it could be replicated across various STEM disciplines and encourages readers to “steal this idea and shape it to fit their own circumstances.”

Read the full paper in the American Institute of Physics History Newsletter & Learn more about the Hidden Figures in Atmospheric Sciences course curriculum.

Next week’s (12/16) edition of the Graticule Weekly will be the last of 2022! Distribution of the Graticule Weekly will resume on Friday, January 13th, 2023. Have a wonderful Winter Break, Everyone!

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 semester in full swing, our community has become busier 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.

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Final's Week Dec. 9-14th

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Dec. 19
12pm Campus-wide

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Nov 23- Jan 8 UGA Botanical Garden

On select nights from Nov. 23, 2022 through Jan. 8, 2023 the State Botanical Garden of Georgia at the University of Georgia in Athens is transformed at night into a wonderland of twinkling lights and dazzling displays.

Dec. 11 10am-5pm GA Museum of Art

Come shop for loved ones at the museum’s annual holiday book sale, featuring new and used publications in all genres. Credit cards accepted. Those who have books they’d like to donate should call 706-542-4662.

Dec. 8-14 Ramsey Student Center

Join the recreational sports department for free, in-person, fitness classes on the Unlimited Fitness schedule to help de-stress from finals week! Learn more here!

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Finals Free Week

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University of Georgia
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CONGRATULATIONS CLASS OF 2022!

A MESSAGE FROM OUR DEPARTMENT HEAD, DR. HILDA KURTZ

Congratulations to the graduate and undergraduate students who are graduating today! You have worked hard, had some fun along the way, and connected with fellow travelers in the worlds of Geography and Atmospheric Sciences. In other words, you have made a mark here.

You leave UGA equipped to ask and answer keen questions about a complex and changing world, and to embrace many different ways to make the world a better place. You will always be part of the UGA Geography community, and we look forward to hearing about your future adventures.

-Dr. Hilda Kurtz
UGA Geography Department Head

Undergraduate Students:

Bryant Beall (B.S.)
Theresa Dixon (B.S.)
Alexis Wages (B.S.)

Graduate Students:

Rachelle Berry (Ph.D.)
Sara Black (Ph.D.)
J.D. Burke (M.S.)
Shelby Ingram (M.S.)
Jonathan McCombs (Ph.D.)
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RESEARCH SPOTLIGHT
HIGHLIGHTING RECENT ACCOMPLISHMENTS IN OUR DEPT.

Geography Undergraduate Killian McSweeney Authors New Paper

UGA Geography major Killian McSweeney’s paper “Consistent Timing of Arctic Permafrost Loss Across the CESM1 Large Ensemble” was accepted for publication in the American Geophysical Union's journal, Geophysical Research Letters. McSweeney has been working on this research since 2020 with Dr. Gabriel Kooperman, as part of a Research Assistantship with UGA’s Center for Undergraduate Research Opportunities.

McSweeney’s research assesses the processes that affect Arctic permafrost degradation in order to better inform climate change mitigation and adaptation processes. Using global earth systems models, McSweeney and Kooperman find that as Arctic permafrost melts, a significant volume of previously frozen organic material begins to disintegrate, releasing greenhouse gasses into the atmosphere. McSweeney's interest in the Arctic is derived from his childhood spent in Alaska as well as a lifelong interest in the natural world. McSweeney won a prestigious National Oceanic and Atmospheric Administration Hollings Scholarship last year, and plans to attend graduate school in order to further his research pursuits.

Read Killian's full research paper here!

Geography PhD Student Vanessa Raditz's Film is Presented at COP27

UGA Geography PhD student and graduate student instructor Vanessa Raditz's documentary film Fire & Flood: Queer Resilience in the Era of Climate Change was screened at this year's COP27 Climate Justice Pavilion. Raditz was unable to attend the event in person due a teaching position on climate adaptation and justice at the University for Peace in Costa Rica, though they kept up with proceedings from afar. According to Raditz, "The outcome of COP27 was predictably depressing, and paints a bleak picture for what our generation will have to grapple with because of these missed opportunities for bold action, but it was still an honor to have Fire & Flood shown as one of the few LGBTQ+ events at the conference and to feel connected to folks around the world working to make a difference."

Learn more about Fire & Flood: Queer Resilience in the Era of Climate Change here!

Dr. Sergio Bernardes Named Editor for New Special Issue

Dr. Sergio Bernardes from the Disruptive Geospatial Technologies Lab/Center for Geospatial Research is editing a special issue of the Remote Sensing Journal on remote sensing of the Amazon. The SI is currently accepting contributions that showcase studies involving all aspects of remote sensing in the region. For more information on the SI, including enquiries about submissions, please contact Dr. Bernardes (sbernard@uga.edu).

Have any exciting news or accomplishments you'd like to share in the first Graticule of 2023? Email mlc53494@uga.edu

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Experience UGA's Application is now open for our 2023 Experience UGA Ambassador Program! To apply, please email us at experienceuga@gmail.com or our Program Coordinator @aiyana.egins@uga.edu

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

The Red & Black is recruiting!

UGA Fall 2022 Commencement
December 16th
UGRD- 9:30am
GRD- 2:30pm
Stegeman Coliseum
Check out the Commencement website for more information.

Flu shots are available without appointment
Mon-Fri, 9am-5pm
UHC Pharmacy

Flu shots available now at UHC!
If you do not have insurance, payment can be made by cash, check, or card at the cashier's desk following the flu shot. Students may pay online or you may visit your local Health Department.

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 Memorial Hall Ballroom! 11:30am - 1:00pm | Memorial Hall Ballroom

Pride Center: All Tuesdays
Let's Talk 10:30am-12:30pm
UGA Pride Center

Let's Talk is a drop-in service hosted by Counseling & Psychiatric Services (CAPS) clinicians that offers informal, confidential consultation.
UNDERGRADUATE STUDENTS

- **Environmental and Energy Studies Institute Internships**
  Paid Internship opportunities are available!

- **National Park Service Geoscientists in the Park Internships**
  Volunteer and Internship opportunities available!

- **National Geographic Slingshot Challenge**
  The National Geographic Society has launched the Slingshot Challenge: a new, global video challenge designed to amplify the voices and ideas of the next generation of planet protectors. Participants will be asked to create a one-minute video outlining an innovative solution to a current environmental issue that they’re passionate about. Winning videos will be selected by a panel of judges to receive cash prizes, as well as an invitation to the iconic National Geographic Explorers Festival in Washington, D.C.

- **TUTOR - UGA ATHLETIC ASSOCIATION ACADEMIC SUPPORT**
  Provide individual and small group tutoring to student-athletes in the Rankin Smith Student-Athlete Academic Center. Assist students in improving academic achievement by meeting with them weekly to clarify concepts, enhance study skills, and review class materials

GRADUATE STUDENTS

- **Fully-Funded PhD Opportunity in Remote Sensing and Plant Phenotyping**
  The Disruptive Geospatial Technologies Lab and Center for Geospatial Research in Geography, in collaboration with the Departments of Plant Biology and Crop and Soil Sciences at UGA are seeking a PhD student to investigate relationships between plant biometrics and descriptors derived from drone-based remote sensing. The selected candidate will develop high-throughput plant phenotyping studies under the supervision of Dr. Katrien Devos (Plant Biology/Crop and Soil Sciences) and Dr. Sergio Bernardes (DiGTL/CGR). This is a fully-funded position.

- **University of Wisconsin-Madison Tenure Track Assistant Professor in Environmental Geography and International Studies**
  We are particularly interested in applicants doing innovative research at the nexus of development economics, geography, and environmental studies. More specifically, we seek candidates who apply economic methods, within a quantitative or mixed methods framework, to evaluate contemporary environment and development issues within particular regional contexts.

- **Dartmouth College Ecology, Evolution, Environment & Society Graduate Program**
  Candidates interested in pursuing critical qualitative research on the relationships between race, radicalization, and the environment; political ecologies of health; green economies; energy transitions; environmental justice, broadly defined; or science and technology studies (STS) are especially welcome to apply.

- **St. Louis University- Sociology and Anthropology- Multiple Tenure Track Faculty Positions Now Accepting Applications**
  St. Louis University is now accepting applications for three assistant or associate tenure track positions within their departments of Sociology and Anthropology.

  - Assistant / Associate Professor, Social Dimensions of Health and Health Policy
  - Assistant / Associate Professor, Anthropology of Race and Health
  - Assistant / Associate Professor, Environment

From the Registrar:
Registration for Spring and Summer 2023 courses is active now! Keep these registration dates in mind!

<table>
<thead>
<tr>
<th>Student Classification</th>
<th>Spring/Summer 2023 Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honors, PHARMD, Confirmed Service Members</td>
<td>Thursday, November 3</td>
</tr>
<tr>
<td>Graduate Students</td>
<td>Friday, November 4</td>
</tr>
<tr>
<td>Seniors</td>
<td>Monday, November 7</td>
</tr>
<tr>
<td></td>
<td>Tuesday, November 8</td>
</tr>
<tr>
<td>Juniors</td>
<td>Thursday, November 10</td>
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<tr>
<td>Sophomores</td>
<td>Friday, November 11</td>
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<td></td>
<td>Tuesday, November 15</td>
</tr>
<tr>
<td>Freshmen</td>
<td>Wednesday, November 16</td>
</tr>
<tr>
<td>Law, Vet Med</td>
<td>Friday, November 18</td>
</tr>
</tbody>
</table>

Open Registration for Spring ‘23 will be from 11/21- 01/09

Important Dates to Keep in Mind:
As the Fall 2022 semester comes to an close and we turn our sights towards the Springtime, keep these key dates in mind!

- **Fall 2022**
  - Classes End... Dec. 6
  - Reading Day... Dec. 7
  - Final Exams... Dec. 8-14
  - Commencement... Dec. 16
  - Course Evals. Close... Dec. 16
  - Grades Due... Dec. 16

- **Spring 2023**
  - Orientation/Advisement... Jan. 5
  - Classes Begin... Jan. 9
  - Drop/Add... Jan. 9-13
  - MLK Holiday... Jan. 16

Follow us on social media!