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May 18, 2021

GLOBAL CHANGE CENTER

AT VIRGINIA TECH



ANNOUNCEMENTS

Summer schedule change for the *GCC Weekly* newsletter

The *GCC Weekly* email newsletter will be sent on a bi-weekly or as needed basis for the summer season and return to regular weekly distribution at the start of the fall 2021 semester.

Please continue to send relevant updates and news our way to include in the newsletter and to stay connected with the broader GCC community! Please send content for the newsletter to Dr. Heather Drew, new GCC Communications & Strategic Initiatives Specialist, at heatherdrew@vt.edu.

Your constructive feedback regarding the effectiveness of the *GCC Weekly* and general GCC/IGC communications is continually welcomed.

We hope you enjoy the summer season ahead!

Save the Date! IGC Fellow [Mary Lofton](#)'s PhD defense seminar scheduled for Wednesday, June 2 at 9:00 AM

Predicting phytoplankton community dynamics:

UNDERSTANDING WATER QUALITY
RESPONSES TO GLOBAL CHANGE



Mary Lofton
Ph.D. Defense Seminar
Dept. of Biological Sciences
Virginia Tech
June 2, 2021 at 9 a.m.

Invitation to Informal Farewell Party for VT Graduate School Dean Karen DePauw

Thursday, June 3 from 4:00 - 6:00 PM

The Graduate School is hosting an informal farewell party for Dr. Karen DePauw on Thursday, June 3, 4:00-6:00pm in the Graduate Life Center to celebrate her many accomplishments and contributions to the advancement of graduate education. **If you are interested in attending in person or virtually, please complete this [survey here](#).** In the survey you may also share memories to be included in the celebration. Arrangements about in-person or virtual participation will be finalized as we learn more about COVID-19 restrictions for events, and everyone who completes the survey will be notified about details.



[pictured: Dean DePauw congratulating IGC Alumna Dr. Angie Estrada, 2019 recipient of the IGC Graduate Research Symposium Karen P. DePauw Outstanding Interdisciplinary Presentation award.]

FACULTY & FELLOW SPOTLIGHT



GCC affiliate Dr. Ignacio Moore, Biological Sciences, receives the William E. Wine Award

The William E. Wine Award was established in 1957 by the Virginia Tech Alumni Association in memory of William E. Wine, Class of 1904, who was a former rector of the Board of Visitors and Alumni Association president. Following a college-level selection process of candidates nominated by students, faculty, and alumni, each college may put forth one nominee. From this group, three faculty members are selected annually. Each Wine Award winner receives \$2,000 and automatic induction into the Academy of Teaching Excellence.

Congratulations Ignacio!!



IGC Fellow Amanda Hensley awarded as TBMH Community Student of the Year

The Translational Biology, Medicine and Health program recognizes four student of the year awards, one award for each of the four pillars of the program: Education; Science; Community & Leadership. The Community pillar supports that students are trained as practicing members of the community, encouraged to engage in events and apply how translational science is important for the lives and health of the greater community. Amanda's PhD research and work focuses on vaccine education and advocacy and she's an avid volunteer in the Roanoke community. She has been working vaccination clinics with the Medical Reserve Corp Volunteer System and Carilion Clinic's Community Health & Outreach, and additionally volunteers with Meals on Wheels, the Junior League, and Roanoke City Library System.

Congratulations Amanda!!

AROUND CAMPUS

CNRE Lunch & Learn: Jamie King, VT Arborist

This Is Home, Exploring the Trees of Virginia Tech

Tuesday, May 20 at 12:00 pm EST

Register to attend [here](#)

NASEM Climate Conversations: Solar Geoengineering



Thursday, May 20
3:00 pm EST

Solar geoengineering refers to a set of possible strategies to help reduce global warming by increasing the amount of solar radiation reflected away from Earth. Frank Sesno (George Washington University) will moderate a conversation with Marcia McNutt (National Academy of Sciences) and Chris Field (Stanford University) about how and whether solar geoengineering could fit into broader efforts to address climate change, the role of research in helping inform decisions about implementation, and the complex global ethics and governance issues associated with solar geoengineering.

More info and register [here](#)

COMMUNITY

A promotional graphic for an ESAL webinar. The background is green with a pattern of small white icons. At the top left is the ESAL logo. At the top right is the date and time: "MAY 20, 2021 | 8:00-9:00 PM ET" with a calendar icon. The title "ACTING LOCALLY TO ADVANCE EQUITY" is centered. Below the title are three circular portraits of speakers. Under each portrait is their name and title. At the bottom left is the text "WEBINAR: Learn how three scientists and engineers are making their communities more equitable and how you can too!". At the bottom right is the text "RSVP: esal.us/local-equity-event".

ESAL MAY 20, 2021 | 8:00-9:00 PM ET

ACTING LOCALLY TO ADVANCE EQUITY

KRISTIN WARREN, PhD
ASSOCIATE ENGINEER
RAND CORPORATION

ARTI GARG, PhD
ESAL FOUNDER & CHAIR
HAYWARD, CALIF. CITY COMMISSIONER

DAVID MYLES, MD
ROCKVILLE, MD, CITY COUNCILMEMBER

WEBINAR: Learn how three scientists and engineers are making their communities more equitable and how you can too!

RSVP: esal.us/local-equity-event

Engineers & Scientists Acting Locally (ESAL) to host virtual panel on how people with backgrounds in STEM can advance equity initiatives in their local communities

Thursday May 20, at 8 PM EDT

Individuals with scientific backgrounds can provide a unique expertise and perspective when governmental policies are being developed and implemented, but often encounter challenges to engaging. Attendees will hear from three scientists and engineers who have successfully navigated these pathways and are helping to make their communities more equitable by serving on boards and commissions, on city council, and by providing external subject matter expertise. By attending this event, scientists and engineers will learn how to surmount obstacles to engagement and get involved in community-based equity initiatives. We will discuss opportunities for engagement -ranging from volunteer to paid career paths- as well as best practices and lessons learned.

[More info & register here](#)

NEWSWORTHY



GCC affiliate Manoo Shirzaei & team find that shallow wastewater injection drives deep earthquakes in western Texas

In a newly published paper, Virginia Tech geoscientists have found that shallow wastewater injection — not deep wastewater injections — can drive widespread deep earthquake activity in unconventional oil and gas production fields.

[Read more](#)

www.vtnews.vt.edu



GCC affiliate Linsey Marr weighs in on indoor mask use for vaccinated individuals

A growing consensus among public health experts that the U.S. could soon safely end mask mandates has put pressure on the Centers for Disease Control and Prevention to update its guidance in the weeks ahead or risk losing credibility with the public.

[Read more](#)

www.abc7chicago.com

Do you have an opportunity or announcement you'd like to share with the
GCC community? [Send us an email!](#)

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