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December 1, 2020

# GLOBAL CHANGE CENTER

AT VIRGINIA TECH



## ANNOUNCEMENTS



### **New Diversity and Rural Environmental Health fellowships**

With support from the Fralin Life Sciences Institute and the Virginia Tech Graduate School, the Global Change Center is pleased to announce two new graduate fellowship opportunities intended to help diversify and strengthen our IGC IGEP community.

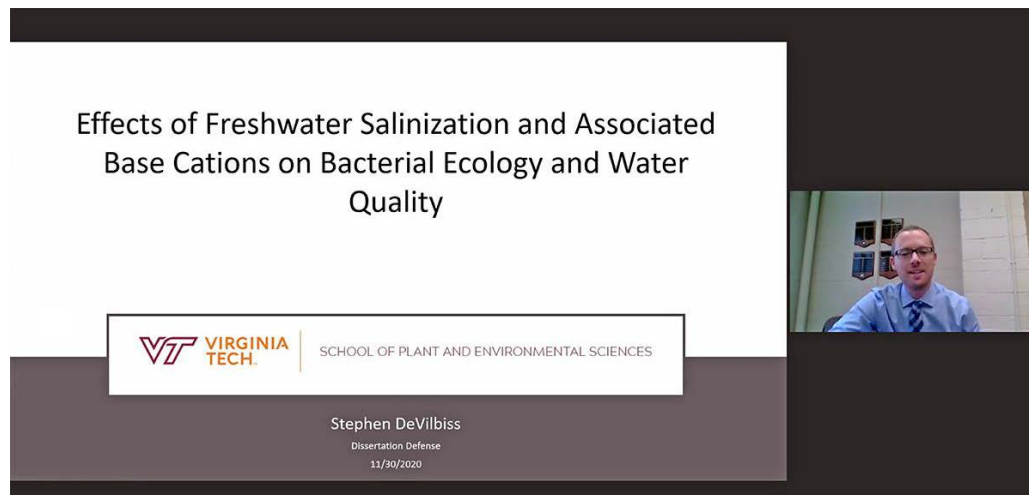
[Read more](#)

[www.globalchange.vt.edu](http://www.globalchange.vt.edu)

## Congratulations Dr. DeVilbiss!

IGC fellow [Stephen DeVilbiss](#) successfully defended his PhD dissertation yesterday, November 30th. Steve is headed to Mississippi to work at the USDA-Agricultural Research Service National Sedimentation Lab.

*Way to go, Steve!!*



## Upcoming PhD defense seminar from IGC fellow Lauren Wind

Dept. of Biological Systems Engineering,  
co-advised by Drs. Leigh-Anne Krometis & Cully Hession

"Tracking Antibiotic Resistance in  
Agroecosystems"

**Wednesday, December 9th at 9 am**



**Research Opportunities with the Agricultural Research Service:**

[Biological and Horticulture Research Intern](#)

USDA-ARS | Kearneysville, WV | Full-Time | DEADLINE: December 15, 2020

[Animal Disease Research Postdoctoral Fellowship](#)

USDA-ARS | Pullman, WA | Full-Time | DEADLINE: December 23, 2020

[Postdoctoral Research Opportunity in Plant Metabolism](#)

USDA-ARS | St. Louis, MO | Full-Time | DEADLINE: January 6, 2021

[Molecular & Physiological Markers for Phytoplasma Disease Diagnosis & Mitigation Fellowship](#)

USDA-ARS | Beltsville, MD | Full-Time | DEADLINE: January 7, 2021

[Bovine Tuberculosis Research Postdoctoral Fellow](#)

USDA-ARS | Ames, IA | Full-Time | DEADLINE: January 18, 2021

[Sustainability of Irrigated Agriculture Fellowship](#)

USDA-ARS | Stoneville, MS | Full-Time | DEADLINE: January 22, 2021

[Sustainability of Irrigated Agriculture Internship](#)

USDA-ARS | Stoneville, MS | Full-Time | DEADLINE: January 22, 2021

## FACULTY & FELLOW SPOTLIGHT



### Susan Whitehead - Biological Sciences

Dr. Whitehead studies the evolutionary ecology of interactions between plants and other organisms. Much of her work focuses specifically on plant secondary chemistry and its fundamental role in shaping complex interaction webs among plants,...

[Read more](#)

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### Lauren Wind - Biological Systems Engineering

Increasing evidence links the widespread use of antibiotics in livestock production to the transfer of bacteria carrying ARGs to the broader environment. It is therefore critical to understand the persistence and dissemination of antibiotic...

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# AROUND CAMPUS



**CeZAP Virtual Seminar: Joseph Hoyt, VT College of Science - "Sit-and-wait pathogens: The role of environmental pathogen reservoirs in infectious disease dynamics"**

**Tuesday, 12/1 at 12:00 pm**

[Zoom link](#)



**EEB Virtual Seminar: Christine Lattin, Louisiana State University - "The neurobiology of neophobia in a wild songbird"**

*Hosted by GCC affiliate Kendra Sewall*

**Thursday, 12/3 at 9:30 am**

[Zoom link](#)



**SPES Virtual Seminar: De'Etra Young, Interim Associate Dean of Academics and Land-grant Programs, Tennessee State Univ.**

Research areas: Urban and community forestry mgmt; hydrological modeling; forestry in the wildland-urban interface

**Friday, 12/4 at 3:00 pm**

[Zoom link](#)

# COMMUNITY



## **IGCoffeeConvo with Susan Whitehead**

We resumed our IGC CoffeeConvo session over Zoom this Fall 2020 semester on November 16 with GCC faculty Dr. Susan Whitehead (Biological Sciences) meeting with IGC fellows Isaac VanDiest, Korin Jones and Gaelle Blanvillain.

[Read more](#)

## GCC Holiday Social Throwback

The bustle of the winter holidays has us reminiscing the good times enjoyed at the GCC social each year in early December. It's always a fun and joyful occasion to bring our community together for good food, great company and to celebrate shared endeavors through the past year. Although we won't be doing so in person this year, we are wishing you a bright and merry holiday season and close to the fall semester and 2020 year!

Take a walk down the halls of 'holiday socials past' in the GCC Flickr collection: [2019](#) & [2018](#) albums



### "Navigating, Advocating and Succeeding", with Drs. Natalie Karp and Rebecca Pauly of VT Carilion

**Wednesday, Dec. 2nd, 11:30a - 12:30p**

The next [Widening Inclusivity in the \(Geo\)Sciences \(@WinGS\\_VT\)](#) meeting will host Drs. Karp and Pauly who run the VT Group on Women in Science and Medicine. Contact GCC affiliate [Michelle Stocker](#) to get involved with WinGS!





CENTER FOR FOOD SYSTEMS AND COMMUNITY TRANSFORMATION

SOIL, CONSERVATION, AND PLACE

## *A Series of Conversations*



We invite you to join for a series of conversations with farmers who exemplify agroecological values held from 11am-12:15 pm on December 1, 3, 8, and 11.

Visit our website for more information:  
<https://foodsystems.centers.vt.edu/events-and-speakers.html>

### **"Economics, Justice, and Systems Thinking from the Soil Up"**

**Tuesday, 12/1 at 11:00 am**

Join us for a conversation on soil health, economic justice, transition planning, and systems thinking with Ira Wallace of Southern Exposure Seed Exchange, Robert Spiers of Spiers Farm, LLC., and Mike Phillips of Valley View Farms.

[Register at this link](#)

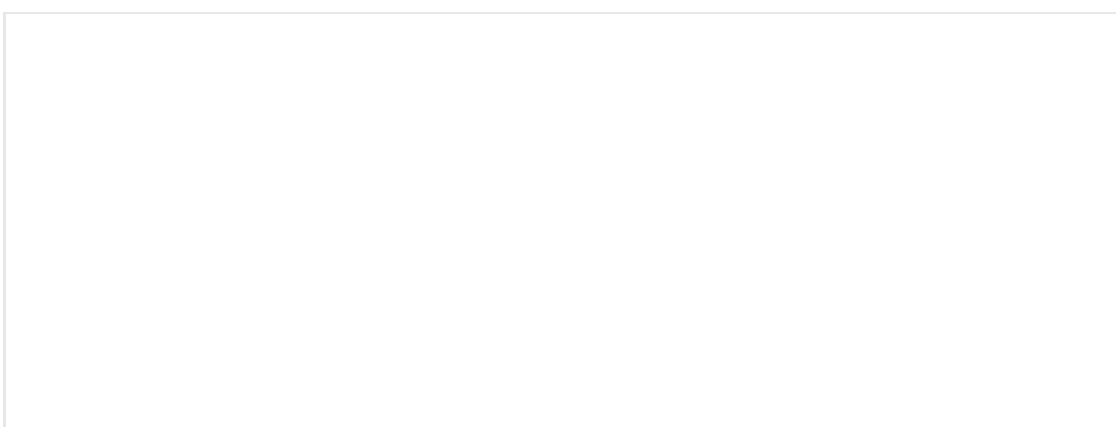
### **"Mentors, Markets, and Evolving Adaptation"**

**Thursday, 12/3 at 11:00 am**

A discussion of mentorship, business planning, finding markets, optimizing soil health volunteers, and continual adaptation with Anne Geyer of AgriBerry Farm & CSA, Danny Boyer of Four Winds Farm, and Phil Witmer of Grazeland Dairy, Inc.

[Register at this link](#)

## **NEWSWORTHY**







### How giant viruses fuel the evolution of algae

Viruses are tiny invaders that cause a wide range of diseases, from rabies to tomato spotted wilt virus and, most recently, COVID-19 in humans. GCC affiliate Dr. Frank Aylward and postdoctoral research Mohammad 'Monir' Moniruzzaman are leading a...

[Read more](https://vtnews.vt.edu)  
vtnews.vt.edu



### Fortress Charleston: Will Walling Off the City Hold Back ...

Officials in Charleston, South Carolina have endorsed a \$2 billion plan to wall off the historic downtown from rising seas and surging storms. It is the latest in a growing number of extravagantly expensive seawalls and barriers being proposed to ...

[Read more](#)  
e360.yale.edu

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

Global Change Center | Virginia Tech | 540-231-5400 | [www.globalchange.vt.edu](http://www.globalchange.vt.edu)

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