

COVID-19 and other Infectious Diseases: Where do we stand?

Tuesday, Sept. 29, 2020 6:30 p.m.

This Science Café
will be held live via Zoom.
Please email
apenton@thomasu.edu
to receive the event link.

Dr. Thomas
Manning is a
Professor of
Chemistry at
Valdosta State
University. He
and his group of
undergraduate
researchers
are working on
a COVID-19
treatment. The

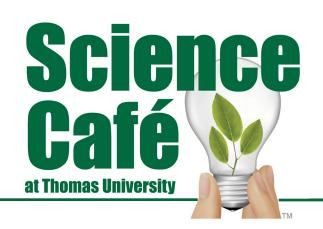


group has already developed new cancer drugs and an antibiotic that have entered pre-clinical trials. The researchers also developed a synthesis of an Alzheimer's drug. Because VSU is primarily an undergraduate institution, the group developed novel methods that emphasize the economics of production.

In this presentation, Dr. Manning will talk about infectious diseases in general and more specifically about COVID-19. For example, did you know that right now there are approximately 2.3 billion people on the planet who have tuberculosis? Approximately 2 million people will die this year from the bacterial infection? That one sneeze from a TB patient can infect up to 40 people? Did you know that many of the antibiotics that have been used for decades are losing their strength due to antibiotic resistance? New forms of TB that are drug resistant, multidrug resistant, extensively drug resistant and totally drug resistant are becoming bigger problems globally? Did you know that coinfections with HIV, malaria and cervical cancer caused by HPV are also becoming more prominent?

Dr. Manning holds a bachelor's degree from the College of Charleston along with a master's degree and doctorate from the University of Florida.

Contact: April D. Penton, apenton@thomasu.edu



6:30 - 7:30 p.m.

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Fall 2020

Tuesday, Oct. 27

"Ancient Climate Change: The Connection Between Marine Deoxygenation and Extinction Events"

Dr. Jeremy Owens, Department of Earth, Ocean and Atmospheric Science at Florida State University



Tuesday, Nov. 17 "Climate Change and

Hurricanes"

University

Dr. Allison Wing, Assistant Professor. Department of Earth, Ocean and Atmospheric Science at Florida State



Spring 2021

Tuesday, Jan. 26 "Life Abounds On

The Seafloor, From Beaches to the Deepest Ocean: What Are They, What Do They Do, and

Why Are They The

Most Diverse and Abundant Group of Organisms on Planet Earth?"

Dr. Jeroen Ingles, Marine Ecologist, Florida State University

Tuesday, Feb. 23

"The Mars Rover Has Landed!"

Susan Borland, Education Manager, Challenger Learning Center, Tallahassee



Tuesday, March 30

"Blue Carbon: Exploring the Importance of Wetlands in the Coastal Carbon Cycle"

Dr. Josh Breithaupt, Assistant Research

Faculty Member, Coastal and Marine Laboratory at Florida State University

