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April 20, 2022 | 3 to 4:15 p.m. | Merten 1201 and Zoom

Join Dr. Rosemarie Booze from University of South Carolina for a lecture titled "Post-acute sequelae of HIV-1 infection and SARS-CoV-2 in the CNS". Contact Gwen Cox for Zoom details.

Wednesday, April 6, 2022
Hall and the renovated Harris Theatre, adjacent to the new mini amphitheater that sits on the former site of the Civil Engineering building garden and the labyrinth are visual artifacts of Mason's commitment to the well-being of its community. They can be found between Horizon Hall and the renovated Harris Theatre, adjacent to the new mini amphitheater that sits on the former site of the Civil Engineering building.

Just in time for spring, George Mason University's Office of Sustainability introduced a new public garden outside the Center for the Arts. The garden is part of a larger project to improve the university's stormwater management, reduce maintenance costs, and enhance the campus scenic beauty.

In honor of Mathematics and Statistics Awareness Month, the Mathematical Sciences community. This included the SIAM Diversity Advisory Committee.

Mathematical Sciences

Mason360

More on the new garden

April 7, 2022 | 4:30 to 5:45 p.m. | 1309 Exploratory Hall and Virtual

Colloquium Speakers Series

B.H. Baek, Research Associate Professor, Mathematical Sciences, has developed the hybrid alphavirus-SARS-CoV-2 pseudovirus system to assess virus blocking efficacy measurement technology for COVID-19 antibody response.

Cristiana Stan, Assistant Professor, Mathematical Sciences, and her colleagues at Virginia Tech and the University of New Hampshire have developed the National Air Quality Forecast Capability Community Emission Testbed to assess the impact of different emission scenarios on air pollution.

Yuntao Wu, Assistant Professor, Mathematical Sciences, and his colleagues at the University of Illinois at Urbana-Champaign have developed a new algorithm to predict the spread of infectious diseases in real-time.

Padhu Seshaiyer, Professor, Civil, Architectural, and Environmental Engineering, and his colleagues at the University of Virginia have developed a new model to predict the impact of climate change on water resources in the Mid-Atlantic Region of the United States.

Mason's

Environmental Science and Policy

completes the 2022 rankings with #107 in the world, #78 among public institutions.

In the National Center for Biotechnology Information's (NCBI) Global Index, Mason ranks #113 globally and #81 among public institutions.

According to the recent Richmond Times Dispatch op-ed "Virginia Gov. Ralph Northam announced the Virginia Climate Center to help the state's efforts to increase resilience to the impacts of climate change with the creation of the Virginia Climate Change Authority" and "Virginia Science On the Rise".

According to the recent Richmond Times Dispatch op-ed, "Virginia Science On the Rise".

In March, Dr. J. M. "Howe of the Center for Spatial Information Science and Technology and the Computational Sciences and Engineering Department at George Mason University introduced a new project that assesses the impact of climate change on water resources in the Mid-Atlantic Region of the United States. Howe's research focuses on disturbance and recovery in the Pennsylvania Elk Management Unit, the largest elk herd in the United States.

This week's #FacultyFriday feature, #MasonScience continues to highlight #EarthMonth with Dr. Natalie Howe. Howe is a Postdoctoral Research Fellow in the Environmental Science and Policy Department at George Mason University. Howe's research focuses on disturbance and recovery in the Pennsylvania Elk Management Unit, the largest elk herd in the United States. In addition to her research, Howe is passionate about sharing her knowledge with others, including undergraduate students. She has recently developed an innovative botanical education program for the State Prison System in New Jersey.

Some math majors have brought ideas about computational and data sciences to the fore.

Mason Science On the Rise

When not concentrating on her research, Howe enjoys reading, hiking, and spending time with her cat. Howe's research has been featured in various publications, including the Pennsylvania Elk Management Unit's Annual Report.

Natalie Howe

Mathematics

Center for Infectious Disease Research

B.H. Baek

Opt-out

Padhu Seshaiyer

Center for Spatial Information Science and Technology

Yuntao Wu

Civil, Architectural, and Environmental Engineering

Cristiana Stan

Civil, Architectural, and Environmental Engineering

Yuntao Wu

Civil, Architectural, and Environmental Engineering

Padhu Seshaiyer

Civil, Architectural, and Environmental Engineering

Events

In the News

Happening at Mason

IN THE NEWS

Science in the Community Program

Events Happening at Mason, 4/1 to 4/7 (upcoming)

More on the new garden

More on the new garden

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