Mason SCIENCE

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Thursday, October 8, 2020 **science.gmu.edu**

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A message from the Dean

FERNANDO R. MIRALLES-WILHELM

Sharing our science

by Dean Fernando R. Miralles-Wilhelm

So far, I've taken three extensive site tours focusing on our college's research footprint. Last week, I had the pleasure of connecting with scientists in their laboratories on Mason's Science and Technology campus in Manassas, VA and am very impressed by our team, their capabilities, discoveries and impact potential.

In our research cores, including Mason's state-of-the art Biomedical Research Laboratory and Cap/CLIA certified facilities, they work hard to address grand and global challenges like COVID-19, HIV, Ebola, Zika, cancer, COPD, ecosystem response to stress and climate change, and the next great biothreat. And we want to highlight these research efforts, elevating their visibility within the communities we serve.

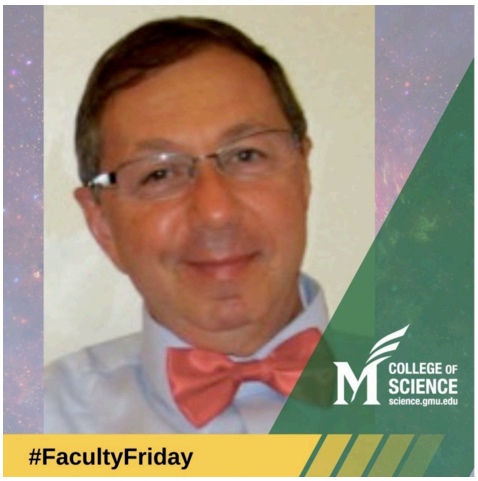
Read full message

MASON SCIENCE COMMUNITY

Yuri Mishin named a 2020 American Physical Society Fellow

By: Tracy Mason

This past #FacultyFriday highlighted Physics and Astronomy Professor Yuri Mishin, an American Physics Society Fellow of 2020. The APS Fellowship Program recognizes members who made exceptional contributions to the physics enterprise. Learn about Mishin's work and the five Mason faculty who have received this honor over the years.



Full Story

CDS faculty helps bring diversity into the data science game

By: Dee Chasten and Tracy Mason

The Sports Analytics Club Program was created to address the lack of diversity in data science, and by partnering with Mason's Computational and Data Sciences (CDS) and athletic programs, they are building a pipeline for a diverse group of students to grow into this extremely popular and prosperous field.

Full story

RESEARCH & DISCOVERY

Science faculty and students complete Summer Team Impact Project 2020

This past summer, the Undergraduate Education Office announced the recipients of the Provost's Summer Team Impact Projects. Watch an overview of one of these projects "Ecotoxicology of Microplastics in the Potomac River Watershed: Effects on Aquatic Organisms, Mechanisms of Fragmentation, and Vectors of Micropollutants

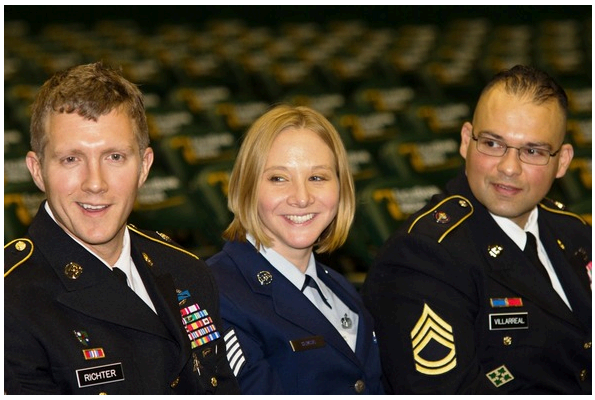
and Microbial Pathogens" led by College of Science's Amy Fowler (ESP), Benoit Van Aken (CHEM), Scott Glaberman (ESP), Jennifer Salerno (ESP), and Gregory Foster (CHEM).

Watch video

IN THE NEWS

Successful EMDP2 program promoted in Texas

By: Sharon Holland



The Fort Hood Sentinal recently highlighted Mason's Enlisted to Medical Degree Preparatory Program (EMDP2) led by Donna Fox, Associate Dean of Student Affairs and Special Programs. The College of Science and the Uniformed Services University of Health Sciences have partnered since 2014 to provide an intensive two-year educational experience to highlight qualified active duty military members in order to prepare them for acceptance into medical school.

Read the article

Happening at Mason

Register by Friday to attend ISE-COMPASS Virtual Science-Policy Communication Workshop

On **November 10 and 12 from 1 to 3 p.m.**, this interactive virtual workshop will introduce tools and strategies to help you understand and communicate to diverse policy audiences. You will learn to use the Message Box, COMPASS' fundamental tool for breaking down complex topics into digestible messages. This workshop will involve hands-on practice, feedback, and interactive exercises, so please join using a webcam and be prepared to actively participate. **Register by October 9, 2020.** For Mason faculty only.

Register

Events

CMAI Colloquium: Nonlinear Model Reduction
Friday, October 9, 2020 | 10 to 11 a.m.

CDS Research Colloquium
Friday, October 9, 2020 | 11 a.m. to 12:30 p.m.

Modeling the Impact of Nonpharmaceutical Interventions on COVID-19
Saturday, October 10, 2020 | 11:30 a.m. to 1 p.m.

ADVANCE Faculty Summit
Tuesday, October 13, 2020 | 9 a.m. to 12:15 p.m.
Register by Friday, October 9, 2020

President Washington College of Science Virtual Town Hall
Tuesday, October 13, 2020 | 1:30 to 2:15 p.m.

See Full Calendar

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