In the Issue

A message from Dr. Fernando R. Miralles-Wilhelm

Shaping our science

President Washington College of Science Virtual Town Hall
Register by Friday, October 9, 2020

Tuesday, October 13, 2020 | 1:30 to 2:15 p.m.

ADVANCE Faculty Summit

Tuesday, October 13, 2020 | 9 a.m. to 12:15 p.m.

Saturday, October 10, 2020 | 11:30 a.m. to 1 p.m.

Modeling the Impact of Nonpharmaceutical Interventions on COVID-19
CDS Research Colloquium

Friday, October 9, 2020 | 10 to 11 a.m.

CMAI Colloquium: Nonlinear Model Reduction

Successful EMDP2 program highlights Mason's Army Science initiative

By: Sharon Holland

We are pleased to announce the late-stage mentees in Mason’s Enlisted to Medical Degree Preparatory Program (EMDP2) are well on their way to completing the program. In the fall of 2018, Mason and The Uniformed Services University of the Health Sciences (USU), with the support of the Pentagon, launched this unique educational program to help qualified active duty military members prepare for medical school. Designed for both officers and enlisted personnel, the program aims to provide an intensive two-year educational experience that is especially tailored to the military lifestyle. The first cohort of students completed the EMDP2 program in May 2019 and subsequently received their commission in the medical field. By fall 2020, Mason will graduate its second cohort of EMDP2 students, who will be commissioned as Enlisted Medical Officers.

This year’s EMDP2 students have made remarkable progress and are on track to complete their program. They have demonstrated exceptional academic ability and discipline, and are working hard to achieve their goals. Mason and USU are proud to have partnered since 2014 to offer the EMDP2 program, which is designed to enable qualified active duty military members to become medical doctors and serve as medical officers in the U.S. Armed Forces.

One of the EMDP2 students, Capt. Peter Salerno, Class of 2020, recently wrote in a blog about the program’s benefits:

"ECOMPCOMMPROG

By: Sharon Holland

Mishin’s work and the five Mason faculty who have contributed to the physics enterprise. Learn about the APS Fellowship Program, which recognizes members who made exceptional contributions to the physics enterprise. Learn about the APS Fellowship Program, which recognizes members who made exceptional contributions to the physics enterprise.

This past #FacultyFriday highlighted Professor Yuri Mishin, an American Physics Society Fellow. Mishin is a professor in the Department of Physics and Astronomy, and the director of the Computational Physics Research Group. He has been at Mason since 2004 and is currently the associate dean of student affairs and special programs in the College of Science. Mishin’s work focuses on microfluidics, microfluidic devices, and microfluidic measurement technologies. His research is directed towards the development of microfluidic devices for the analysis of biological samples, with particular emphasis on the study of single-cell behavior and cellular function.

Mishin’s work has received international recognition and distinction. He has received several awards and honors for his contributions to the physics enterprise. In 2018, Mishin was honored with the American Physical Society Fellow of 2020. The APS Fellowship Program recognizes members who have made exceptional contributions to the physics enterprise. Mishin was also awarded the National Science Foundation CAREER Award in 2010, which recognizes early-career faculty who exhibit exceptional performance and potential for continued achievement in research and education.

In the College of Science, the Office of the Dean is committed to fostering a culture of excellence and innovation. In recent years, Mason faculty have received numerous awards and recognition for their contributions to the physics enterprise. The Office of the Dean is proud to support the work of these outstanding faculty members, who are dedicated to advancing knowledge and shaping the future of science.