Mason Impact. The one change you want to see in the world is generally not a simple task. It requires hard work and determination. Our students, faculty, and staff are working to make a difference every day. 

This month, the College of Science has partnered with the College of Engineering to offer a virtual event that brings together members of the scientific community to learn and network. The event is called "Science for a Sustainable Future" and is attended by about 500 students, faculty, and staff.

Environmental scientists from across George Mason University will discuss their research on topics such as climate change, biodiversity, and sustainability. The event will feature presentations on cutting-edge research and discussion of current challenges in environmental science.

In addition to the research presentations, there will be networking opportunities for attendees to connect with peers and professionals in the field. The event is open to the public and is free to attend.

Tune in to learn more about the latest research in environmental science and how you can get involved in making a difference.

Message from the Dean

Dear Students, Faculty, and Staff,

I am excited to announce that the College of Science will be hosting a virtual event titled "Science for a Sustainable Future" on May 13th at 2 p.m. This event is open to the public and will feature presentations on cutting-edge research and discussion of current challenges in environmental science.

The event will be live-streamed on the Mason and Science websites, and will also be available for on-demand viewing. Please join us to learn more about the latest research in environmental science and how you can get involved in making a difference.

Best regards,

Kelly Knight
Dean, College of Science

Research & Discovery

Call for Applications: Bioinformatics/Computational Biology

Fernando Miralles-Wilhelm, Associate Professor of Biology, is the PI of a research project that aims to predict the functional consequences of genetic variation. His project is based on the development of a computational method that uses machine learning applied to feature sets derived from molecular simulation to predict protein structure and function.

The project is seeking applications for a postdoctoral researcher to help with the analysis and interpretation of data. The position is available immediately and is open to all applicants, including those from underrepresented groups.

More on this research

In the News

London warns for need decades to avert a future planet's future

By Fernando Miralles-Wilhelm

Global warming is already here. We need to act now or we will face more extreme weather events, rising sea levels, and loss of biodiversity. But we can still make a difference if we act now. That's why I launched a research project to study the in silico prediction of protein structure and function. We are using machine learning to predict protein structure and function based on their amino acid sequence. This is important because we need to understand how proteins work to develop new therapies and materials.

More on this research

Events

RTG awards budget with no matching funds

By Colleen Kearney Rich

The Mason RTG (Research Training Group) has awarded grants to students and faculty members. The grants are intended to support research activities and provide opportunities for students to gain research experience.

The RTG has awarded grants to 10 students and 5 faculty members. The grants range from $5,000 to $20,000 and are intended to support research activities and provide opportunities for students to gain research experience.

More on this research

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