Our Ph.D. students tackle critical conservation challenges

Mason Scientists publish paper on their analysis of NEMESIS: Exoplanet Transit

The study was led by Dax Feliz, a graduate student in the Department of Physics and Astronomy. Feliz and his team analyzed the light curves of 33,054 M-dwarf stars observed by the Transiting Exoplanet Survey Satellite (TESS) and found that many of these stars exhibited periodic dips in brightness, which could indicate the transit of exoplanets. The team then used NEMESIS, a software tool they developed, to analyze these light curves and identify potential exoplanets. The study was co-authored by graduate student Peter Plavchan and Assistant Professor Gwendolyne Fondufe.

In the News

New life science hub will connect students, entrepreneurs, and communities

A new life sciences hub will exist throughout the Commonwealth of Virginia, supported by Virginia Bio-Connect. The project, which is directed by the Virginia Biotechnology Association and the Prince William County Department of Economic Development, will connect students with stage companies, investors, and mentorship. It is supported by a two-year, $3.2 million initiative funded by a GO Virginia statewide competitive matching grant.

April 1-2, 2021

East Coast Optimization Meeting 2021

The annual East Coast Optimization Meeting (ECOM) introduces students and early-career researchers to the current trends in optimization and creates a strong networking environment among academia, industry, and the national laboratories.

Term Faculty Community Conversation

April 8, 2021 | 3 to 4 p.m.

Refer to email for the meeting password.

This event is hosted by the Human Rights and Global Justice Initiative. Hear from four Mason student activists on their powerful experiences and stories.

April 8, 2021 | 4 to 5:30 p.m.

Resistance and Resilience: Student Activism and Well-being

This event is hosted by the Mason Academic Advisor Network (MAAN) and focuses on supporting the mental health and well-being of student activists.

April 14, 2021 | 3 to 4 p.m.

Mason Science Faculty Meeting

This event is hosted by the Department of Physics and Astronomy and focuses on the latest developments in the field.

April 1, 2021

College of Science Inclusive Excellence Plan

April 1, 2021 marks an exciting milestone. Over the past two months, many committees within our college have worked purposefully and tirelessly to define our current state and put forth our proposed aspirered end state along with ways we will measure our progress once we put our ideas and initiatives into action.

Each committee’s report is a critical component of this plan and has informed the development of our partnership with the Mason ARIE Office. This plan will serve as a roadmap for advancements in our college and will be shared with you along with our broader Mason science community.

Our Promise

As a college, we have an understanding of the challenges we face and the importance of our work. Our work will be guided by the following principles:

1. Student Success
2. Faculty and Staff Development
3. Community Engagement
4. Research Excellence
5. Fiscal Responsibility

Aspire

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Message from the Dean

Dear Readers,

I am thrilled to share with you the latest news and events at George Mason University. This month, we have a variety of exciting events and opportunities for you to engage with the Mason Science community.

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