In This Issue

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Join Giovanni Fantuzzi, Imperial College, London for a discussion on global minimization of integral functionals via polynomial optimization.

November 5, 2021 | 7:15 to 8:30 a.m.

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November 5, 2021 | 11 a.m.

Microbiology Journal Club

The one-hour town hall will provide a brief 'state of the university' update and discuss how unit goals and strategies fit within the overall plan. President Washington also looks forward to hearing directly from you and encouraging in person attendance for full participation. A Zoom webinar link will be provided via email before the event.

In the News

The CDC and FDA have approved and recommended booster doses for certain individuals who received any of the three Covid-19 vaccines available in the U.S.

The booster doses are designed to provide additional protection against severe illness, hospitalization, and death from COVID-19.

The booster doses are recommended for individuals who received their primary series of vaccinations at least six months ago.

Pfizer and Moderna boosters are available for eligible individuals who completed their initial series at least six months ago.

The Johnson & Johnson vaccine is available for eligible individuals who received their primary series of vaccinations at least two months ago.

The booster doses are available free of charge for individuals who received their primary series of vaccinations through the federal vaccination program.

Individuals who received the Johnson & Johnson vaccine are also eligible for a booster dose of the Pfizer or Moderna vaccine.

The booster doses are available at local pharmacies, clinics, and health centers.

In the News

The study entitled "Inhibition of 1-Deoxy-d-Xylulose 5-Phosphate Reductoisomerase: A Promising Drug Target" was recently published in the ACS journal. The research was conducted by several Mason scientists including Chemistry and Biochemistry Associate Professor Robin Couch and Biology Associate Professor Ancha Baranova.

The study focused on the role of 1-Deoxy-d-Xylulose 5-Phosphate Reductoisomerase (DXR) in the biosynthesis of isoprenoids, which are important for the growth and survival of bacteria.

The research team found that inhibition of DXR could be a promising target for developing new drugs to treat antibiotic-resistant bacteria.

In the News

The "delta" strain of the coronavirus, which has only been recorded in the United States in isolated pockets, was recently discussed by Mason scientists.

Ancha Baranova, Professor, School of Systems Biology, recently spoke to a group of scientists discussing the inequalities they have faced as they write a new chapter in STEM for women.

The group is envisioned to be part of the cinematic movies "Picture a Scientist" and "Picture a Scientist 2: The Next Generation," which aim to inspire the next generation of women to pursue careers in STEM.

Join us for a screening of "Picture a Scientist 2: The Next Generation" on Wednesday, November 3, 2021, at 7 p.m.

In the News

The efforts of scientists studying the role of 1-Deoxy-d-Xylulose 5-Phosphate Reductoisomerase (DXR) in the biosynthesis of isoprenoids have recently been acknowledged.

The study, "Inhibition of 1-Deoxy-d-Xylulose 5-Phosphate Reductoisomerase: A Promising Drug Target," has been published in an ACS journal.

The research was conducted by several Mason scientists, including Chemistry and Biochemistry Associate Professor Robin Couch and Biology Associate Professor Ancha Baranova.

The study found that inhibition of DXR could be a promising target for developing new drugs to treat antibiotic-resistant bacteria.

In the News

For this week's #FacultyFriday feature, we highlight one of our professors who focuses on problems in applied, stochastic, and materials science, physics, and biology. Currently, he is a mathematical sciences assistant professor and a research mathematician for the U.S. National Science Foundation.

Fernando Miralles-Wilhelm

Mason alumna named executive director of UN Climate Change Conference COP26

Ramin Hakami, Associate Professor, SSB, will speak on a panel at the upcoming UN Climate Change Conference COP26. Hakami will discuss the importance of addressing climate change and the role of science in informing policy decisions.

The conference is being held in Glasgow, Scotland, and aims to bring together leaders from around the world to accelerate action on climate change.

In the News

It's an exciting time, happening during a very challenging part of the year. Courses are in full swing.

Your voice matters – Ubuntu

It's your chance to 'get out and vote.' Not to select the leader. Rather, to become a leader. We need a participatory leadership and shared governance.