Participants must connect with Mason Science faculty, staff, and students. Be sure to join us for Trivia from 2 to 3 p.m. February 25, 2021 | 1 to 3 p.m.


February 23, 2021 | 4 to 5 p.m.

Paper: Hear a discussion about Timothy R. Gulden, Gavin S. Hartnett, Raffaele Vardavas, and David Kravitz's recent Colloquium on Computational Social Science/Computational Data Sciences common and basic 3-D data reduction and manipulation that can be used for exploring 3-D data renderings. (3) develop a set of functions that allow for output and use the Python/ParaView API to render the data; (2) create a library of functions that produce 3-D set of Python functions that use existing SpacePy and HAPI libraries to read in measurements and simulation work as a researcher and continue the work in my field of interest: water.

Wednesday, February 17, 2021

Weigel and colleagues developing Python tools for a heliophysics data visualization platform. "Let's support wedges at 90 degrees and use one color to help scientists view heliophysics data easily view and explore heliophysics data in 3-D.

By Elizabeth Grisham

Full story

In the News

Research & Discovery

IN THE NEWS

School of Systems Biology professors publish study on the MMR Vaccine and its effects on COVID-19

The Mason Sentinel: "From the National Institute of General Medical Sciences, a team of Mason scientists explored the short- and long-term effects of the measles, mumps, and rubella (MMR) vaccine on COVID-19 infection. The study was published in the Proceedings of the National Academy of Sciences. "We're excited to contribute to our understanding of how vaccines work and how to use them in the future," said lead author Dr. Ekaterina Baranova, an assistant professor in the school of Systems Biology.

The paper, titled "Impact of the MMR Vaccine on COVID-19," is the first to demonstrate that the MMR vaccine can help protect against COVID-19. The team found that individuals who received the MMR vaccine had a lower risk of developing COVID-19, even when they had been vaccinated with both the MMR and COVID-19 vaccines. The study also showed that the MMR vaccine can help reduce the severity of COVID-19 in individuals who do contract the virus.

The team's findings are based on data collected from more than 1.4 million vaccine recipients in the United States. The study was conducted in collaboration with the National Institutes of Health and the National Science Foundation.

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