Mason SCIENCE

Understand. Innovate. Succeed.

Thursday, October 15, 2020 **science.gmu.edu**

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A message from the Dean

FERNANDO R. MIRALLES-WILHELM

Sponsoring the Dyslexic Edge Conference to spread awareness and champion STEM diversity

by Dean Fernando R. Miralles-Wilhelm

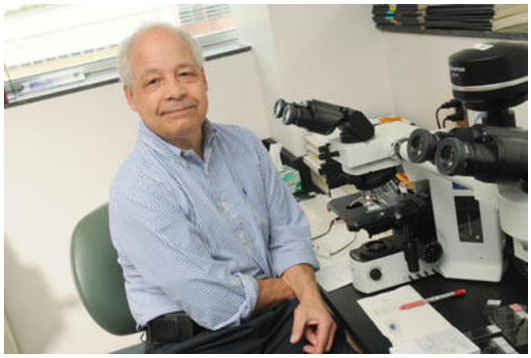
According to the International Dyslexia Association website, each year around the world, October is recognized as Dyslexia Awareness Month, a time to come together to raise awareness, share resources, and tell stories about dyslexia successes.

Dyslexia is a specific learning disability that is neurobiological in origin. It is characterized by difficulties with accurate and/or fluent word recognition and by poor spelling and decoding abilities. These difficulties typically result from a deficit in the phonological component of language that is often unexpected in relation to other cognitive abilities and the provision of effective classroom instruction. Dyslexia does not affect nor does it reflect general intelligence.

Many people with dyslexia go on to become successful STEMtrepreneurs and scientists. This list of notable scientists with dyslexia may surprise you.

Learn about the Sat., 10/17 Dyslexic Edge event

MASON SCIENCE COMMUNITY



CAPMM scientists on team receiving $100,000 GO Virginia grant for COVID-19 antibody and diagnostic testing study

by Michelle Thompson

An interdisciplinary team of scientists including Lance Liotta and Virginia Espina from the College of Science and epidemiologists and nurse researchers from the College of Health and Human Services recently received a $100,000 GO Virginia Economic Resilience and Recovery Grant to improve COVID-19 symptom monitoring, tracking and diagnostics, with the ultimate goal of helping Virginians safely return to work.

Learn more

College of Science honors employee service at virtual University Day 2020 celebration



Thank you and congratulations to our colleagues for your many years of service at George Mason University and within the College of Science. Learn more about the University Day virtual celebration of 2020.

Full list

RESEARCH & DISCOVERY

Studying animals with large bodies and long lifespans

By Elizabeth Grisham

Scott Glaberman, Assistant Professor, Environmental Science and Policy, and Ylenia Chiari, Assistant Professor,

Biology, want to understand why Galapagos and Aldabra giant tortoises are both large and long-lived. Body size and longevity are two traits that vary tremendously across animals.

Learn more



IN THE NEWS

Mason physicist discusses the second quantum revolution and more on Science Off Camera podcast



Listen to Patrick Vora, Associate Professor Physics and Astronomy and Director of Mason's Quantum Science and Engineering Center, who recently sat down with the *Science Off Camera* podcast to discuss developments in quantum materials research, the second quantum revolution, and what motivates him in his work.

Podcast

Happening at Mason



Join your fellow Patriots in the first Mason Nation Thriving Together Virtual 5K from **Thursday, Oct. 15–Sunday, Oct. 18**. Get active and celebrate Exercise is Medicine Month while supporting Mason students in need through donations to the University Life Student Emergency Fund and the Student Food and Housing Insecurity Fund. Registration is free.

Register



Biohealth Applications of Artificial Intelligence and Machine Learning
Friday, October 16, 2020 | 9 to 11:30 a.m.

CMAI Colloquium: Optimal design of large-scale Bayesian linear inverse problems under reducible model uncertainty
Friday, October 16, 2020 | 10 to 11 a.m.

A Round-Trip from Organometallic to Flourine Chemistry
Friday, October 16, 2020 | 1:30 to 2:45 p.m.
Zoom ID: 960 452 0800, Password: Flourine

CSS/Computational Data Sciences Research Colloquium: Disease Spread Network Model Dynamics
Friday, October 23, 2020 | 3 to 4:30 p.m.

See Full Calendar

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