Dear Faculty,

I am writing to share with you the importance of integrating well-being in your classroom. The Office of Faculty Affairs and Development, in collaboration with the Center for the Advancement of Well-Being, has developed a series of short well-being activities that faculty can use in the classroom. You don’t need to be an expert on the science and application of well-being to create a list of short well-being activities instructional tools and tips to integrate well-being into your classroom with poor ventilation.

New tenure-line faculty and tenure-line faculty who will soon enter the RPT cycle are encouraged to attend. No registration or RSVP is needed. If you are unable to participate, a recording will be made available for viewing after the session. Send questions to Kim Eby at facaffs@gmu.edu.

The philosophy aligns with Mason’s College of Science efforts to go beyond a content-focused generation STEM workforce to not just be technically competent but also to be critical thinkers and creative problem solvers. This approach in training students to a competency-focused approach. This means providing opportunities for students through a variety of frameworks including learning by doing, inquiry-based learning, active engagement programs.

This educational philosophy from “here is the STEM, go solve the real-world problem” to “here is the real-world problem, let us find the STEM to do it.” While the educational philosophy all across the globe is geared towards the former approach, as most educators are trained that way, there has been a big paradigm shift in education in the last few years to move towards the latter. After all, we want our next generation STEM workforce to not just be technically competent but also to be critical thinkers and creative problem solvers.

Rainald Löhner

Tuesday, October 13, 2020

Save the Date: President Washington College of Science Virtual Town Hall

October 7 | 3 to 4 p.m.

College of Science All Faculty Meeting

Tuesday, October 6, 2020 | 4 to 5 p.m.

Early Detection and Precision Medicine

From real-world context to building 3D/4D computer vision

Dr. Priti Mahadevan

Tuesday, October 6, 2020 | 3 to 4 p.m.

The Today Show

By Padhu Seshaiyer

Thursday, October 1, 2020

Rainald Löhner

by Tracy Mason

November 18, 2019

Singing in a silent spring: birds respond to a half-century soundscape reversion during the COVID-19 shutdown

David Luther

by Rainald Löhner

October 29, 2020

The Today Show

By Padhu Seshaiyer

November 18, 2019

Imagine if we as science/technology/engineering/math (STEM) educators could enhance our STEM competencies from real-world context to building.

The Center for the Advancement of Well-Being at George Mason University and Elizabeth Derryberry, Associate Professor at the University of Tennessee, collaborated with a team of fellow ecologists from Mason University and Elizabeth Derryberry, Associate Professor at the University of Tennessee, to evaluate if and how songbirds might respond in the newly emptied acoustic space that results from fewer people on the road due to COVID-19.

The research team used four different methods of analyzing the songs of birds: time-frequency analysis, Fourier analysis, Principal Components Analysis, and Analysis of Variance.

New singing birds were identified in karaoke modes, and soundscape metrics, and the number of new singing birds was quantified.\n
Listen and compare...

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