From the real-world context to building STORM parameters

Dr. Padmanabhan Seshaiyer

We are living in a time when we need more science faculty members who have strong communication skills and are better prepared to teach. In a world where new technology is changing the way we live, learn, and work, a science faculty member needs to be at the forefront of this change. This means being innovative and creative in teaching, adapting to the latest technology, and being able to communicate complex ideas in a simple and engaging way.

In this talk, I will share some of the latest research on how to improve communication skills in science faculty and how to integrate technology in the classroom. I will also discuss the challenges and opportunities of teaching in a time of COVID-19 and how we can make the most of the digital tools available to us.

In the newly emptied acoustic space that results from fewer people on the road due to COVID-19.

Up next: Rainald Löhner, a professor at California Polytechnic State University, and the University of Tennessee, collaborated with a team of fellow ecologists from the California Academy of Sciences and the University of California, Berkeley, 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.

Singing in a silent spring: birds respond to a highway environmental change during the COVID-19 shutdown

Dr. David Luther, an expert on the science and application of well-being, discussed the key factors that influence well-being and how these are affected by changes in our environment. He highlighted the importance of creating a list of short well-being activities that can be integrated into daily life to promote overall health and happiness.

To ensure that these activities are beneficial, it is important to choose ones that are enjoyable and sustainable. This can help create a positive habit that can be sustained over time. In addition, it is important to choose activities that are focused on personal growth, such as learning a new skill or engaging in community service.

The philosophy aligns with Mason's College of Science efforts to go beyond a content-focused approach in training students to a competency-focused approach. This means providing opportunities for students to develop creative problem solvers.

Imagine if we as science/technology/engineering/math (STEM) educators could enhance our STEM competencies by Padhu Seshaiyer

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