

MECHANICAL & MATERIALS ENGINEERING COLLOQUIUM

Visualizing Discovery:

How JoVE Supports Engineering Research, Teaching, and Graduate Learning

by Dr. Moshe Pritsker (Founder and CEO, JoVE)



2:00–3:00 PM



Tuesday, October 14, 2025



EC 1113

• Refreshments will be served •

ABSTRACT

Graduate research can be demanding—whether learning a new method or onboarding new lab members. JoVE (Journal of Visualized Experiments) helps streamline that process through more than **27,000 peer-reviewed videos** filmed in research labs around the world. These visual demonstrations **save time, reduce costs**, and strengthen reproducibility by showing experiments, procedures, and concepts in action. This session will introduce the JoVE platform and demonstrate how engineering students can use it to enhance their **research skills** and success in the lab. We'll also highlight **JoVE Education**, which supports faculty in teaching foundational concepts and engaging undergraduate learners.

All JoVE videos include **subtitles** in **14 languages**, full transcripts, and descriptive tagging for easy discovery. Educational content can be embedded directly into your **LMS**, assembled into custom playlists with quizzes, and is supported by a dedicated Customer Success Specialist to assist faculty and departments every step of the way.

SPEAKER BIO



Dr. Moshe Pritsker is the Co-Founder and CEO of JoVE, the world's leading producer of scientific video resources. He earned his Ph.D. in Molecular Biology from Princeton University and founded JoVE in 2006 to revolutionize how science is communicated and learned—through video.

Under his leadership, JoVE has grown into a global platform used by millions of scientists, educators, and students at more than **1,500 institutions** worldwide. His work continues to advance reproducibility, transparency, and accessibility in scientific research, inspiring the next generation of researchers to visualize science in action.