Tech Talk Theater: Schedule

seaperch CHALLENGE

Eppley Rec Center, West Gym

Collect a special Tech Talk sticker when you attend a session!

May 31

9:30am	**Physics is Phun: Physics of Fluids** • *Angel Torres, University of Maryland*
10:30am	**Advanced Manufacturing/Trades/Defense Industrial Base** • *Karl Staten, Accelerated Training in Defense Manufacturing*
2:30pm	**GoSense - From Spark to Sensor: How Ideas Become Real-World Science Tools** • *Jamie Barnes & David Young, RoboNation*

June 1

9:30am	**Physics is Phun: Physics of Fluids** • *Angel Torres, University of Maryland*
10:30am	**OECI: Ocean Exploration Cooperative Institute** • *Tara Hicks Johnson, OECI*
11:00am	**Advanced Manufacturing/Trades/Defense Industrial Base** • *Karl Staten, Accelerated Training in Defense Manufacturing*

Tech Talk Theater: Meet the Speakers

seaperch CHALLENGE

May 31 | 9:30am
June 1 | 9:30am

Physics is Phun: Physics of Fluids

Angel Torres, Outreach Coordinator, UMD Physics

Join us for a mini Physics is Phun show, featuring demonstrations on the physics of fluids followed by a discussion on how the science is being used today! Physics is Phun is an outreach program of the University of Maryland Physics Department.

May 31 | 10:30am
June 1 | 11:00am

Accelerated Training in Defense Manufacturing

Karl Staten, Recruitment Specialist, ATDM

Join Karl as he discusses advanced manufacturing capabilities, such as Additive Manufacturing (3-D Printing), Non-Destructive Testing, Quality Control Inspection (Metrology), CNC Machining, Welding. Karl is the Recruitment Specialist for Accelerated Training in Defense Manufacturing (ATDM) at the Institute for Advanced Learning and Research (IALR).

May 31 | 2:30pm

GoSense - From Spark to Sensor: How Ideas Become Real-World Science Tools

Jamie Barnes & David Young, RoboNation

In this hands-on session we'll walk through the entire product journey—from the very first "What if…?" moment to a finished device you can hold in your hand and use in the classroom and field. You'll see how engineers brainstorm, prototype, test, and refine until a classroom-ready product is born. We'll collect and visualize environmental data on-the-spot, showing how the same engineering process powers citizen-science investigations.

June 1 | 10:30am

Ocean Exploration Cooperative Institute

Tara Hicks Johnson, OECI

The OECI mission is to explore, map, and characterize the nation's vast ocean territory, to develop and implement new technologies, and to engage future generations of ocean scientists, engineers, and stakeholders.