

2:15 pm - 3:00 pm Concurrent Sessions

Session Title	Session Description	Intended Audience
Truss Me: This Modification is Awesome!	This session will propose a modification to POE Unit 2's Truss Design problem that increases student motivation and rigor <i>as well</i> as providing failure calculations that are actually accurate!	Engineering Teachers
AP+PLTW Student Recognition	Are your high school students getting the full recognition and credit that is available when they take PLTW High School courses? This session describes the opportunities and wraps up with a Q&A.	Program Administrators, High School Teachers
Teacher Best Practices in Biomedical Sciences	The purpose of this session is to provide an interactive forum for sharing best practices in the PLTW Biomedical Science program. Topics covered will include best practices on recruitment and retention, student assessments: what to assess and how often, lab journal expectations, student grouping and collaboration, innovative career journal and conclusion question ideas, innovative outside resources and partnerships, lab expectations, lab skills and lab prep ideas, participation in student organizations, and overview of Medical Interventions and the capstone Biomedical Innovation courses. Be prepared to bring ideas, questions and collaborate.	Biomedical Science Teachers
Automation & Robotics: Getting up to Speed	Are you trying to figure out pacing? Looking for some teaching tips to help you be as effective as possible in Automation & Robotics? This Gateway session is for you.	Gateway Teachers
Classroom Management within the Context of Project Based Learning	From traffic patterns to classroom spaces... This session will help you to build classroom routine to engage our students in a project based classroom. We will be thinking of space as the third teacher and using students to manage materials.	Launch Teachers
PLTW HS Scheduling & Recruiting Industry Partnerships - What are Effective Models? Key Ways to Strengthen HS Programs	This session for administrators shares some best practices in PLTW implementation models for high school and ways to engage with industry that enhance the experience for students. Come and learn key ways to strengthen your high school program.	Prospective Schools, Program Administrators
Prevent the Hack! Teaching Cybersecurity with PLTW.	This session will include an overview of the course topics: Personal, System, and Network Security including the 4 phases of ethical hacking.	Computer Science Teachers