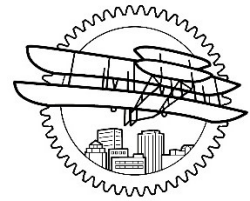


# Dayton Engineering Sciences Symposium: STEM Educator Workshop



8 am to 3 pm, October 23, 2017

Wright State Conference Center, Fairborn OH



## **ABOUT DESS:**

The Dayton Engineering Sciences Symposium (DESS) is an ASME supported symposium that facilitates communication between members of the regional technical community and provides a forum for students (K-12, undergraduate, and graduate), engineers, and researchers to present their work. The program includes seven parallel sessions in the morning and afternoon, a luncheon and keynote address, sponsor exhibits, a poster session, and, this year, a series of STEM modules for high and middle school faculty.

## **WHO IS THIS STEM WORKSHOP FOR?**

The DESS STEM track aims to aid local STEM teachers to develop new lessons and teaching methods to enhance the STEM education of students in our region.

## **HOW WOULD THIS HELP MY CLASSROOM INSTRUCTION?**

"Take and Implement" modules with all supporting resources, which focus on best practices in the STEM classroom, implementing tried and true strategies directly linked to middle school and high school Science and Math standards, will be presented in a "hands on" forum so that teachers can immediately implement them in their classrooms.

## **HOW WILL THIS HELP MY PROFESSIONAL DEVELOPMENT?**

To expedite teacher networking and help teachers overcome the challenges of implementing STEM curricula in their classrooms, attendees will get the opportunity to share successes and challenges and with other local faculty in STEM during a panel/networking session. Teachers attending the full day will receive 0.8 Continuing Education Units certificates.

## **WHAT ABOUT THE STUDENTS?**

High school students are encouraged to attend as well, free of charge! Typically, a school brings 1-2 students, who are expected to give a poster presentation.

## **HOW DO I SIGN UP?**

Interested parties can register for the event at: <http://www.asmedayton.org/DESS/DESS.php>. Educators pay only for their lunch, which includes a keynote talk by Dr. Stephen Zoepf, Executive Director of the [Center for Automotive Research \(CARS\)](#) at Stanford.

NOTE: Limited financial assistance can be obtained on a case by case basis for substitute teacher costs. Please contact Joshua Heyne for more information at [jheyne1@udayton.edu](mailto:jheyne1@udayton.edu).