

ATE PRINCIPAL INVESTIGATORS CONFERENCE

OCTOBER 24-26, 2018

CELEBRATING



LEADING DEVELOPMENT OF
**AMERICA'S
TECHNOLOGICAL
WORKFORCE**



#ATEPI

Orientation to the Advanced Technological Education (ATE) Conference for Student Attendees

Wednesday, September 19, 2018

Webinar begins at 6:00 pm EDT





SUPPORTING **ADVANCED TECHNOLOGICAL EDUCATION**

Presenters



Ellen Hause

Program Director, Academic and Student Affairs
American Association of Community Colleges



Kate Lockard

Conference Coordinator
American Association of Community Colleges



Webinar Content

- **ATE Conference Overview**
- **Registration, Hotel, & Travel**
- **Student Events**
- **Other Conference Questions**

Conference Attendance Poll

How many times have you been to D.C.?

- A. 1st time in 2018
- B. 2nd time
- C. 3rd time
- D. 4th or more time!

A decorative graphic on the left side of the slide, consisting of a solid blue vertical bar and a dark blue curved line that starts near the top and curves downwards towards the bottom.

ATE Conference Overview

- What is it?
- Where is it?
- When is it?
- Who attends?
- Why attend?

What is it?

- ATE PI Conference
- National Event
- NSF & AACC



Where is it? When is it?

- Omni Shoreham Hotel, Washington, D.C.
- Typically held in October
 - October 24-26, 2018



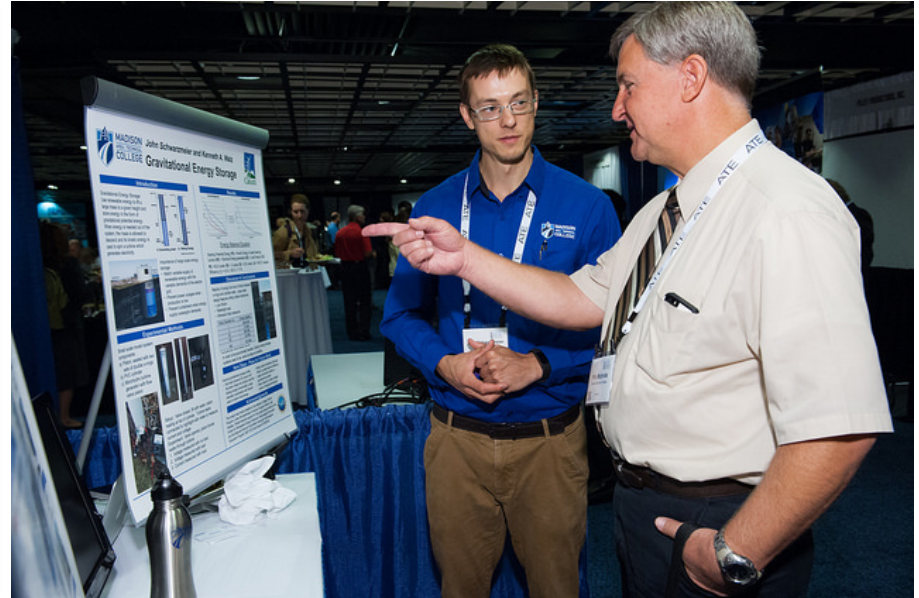
Who attends?

- ~ 800 people
- ATE community
- Selected guests



Why attend?

“As a student, I very much appreciate the opportunity to participate in a conference like this one... It was a boost to my confidence and gave me a sense of pride to be a part of it.”





Conference Costs

- **Who Pays for What?**
- **Other Expenses**

Who Pays for What?

AACC Pays	Project/Center Pays
Registration	Airfare
Lodging	Other expenses

Other Expenses

- Airfare
- Ground Transportation
- Meals
 - Reception Wednesday evening
 - Breakfast, Lunch, light afternoon reception on Thursday
 - Breakfast, Box Lunch on Friday





What to Expect

- **Hotel**
- **Registration**
- **Student Activities**

Hotel Reservations

- Do NOT make your own hotel reservations
- 2 nights complimentary
- Master Account
- Rate for additional days: \$261/night
- Problems or Issues



Registration

- Check in
- Photo release
- Student Guide to Events



Questions or Comments?



Student Activities

Student Sessions



Student Activities



Student Activities

Student Recognition Breakfast



Student Activities

- Student Industry Speed Networking



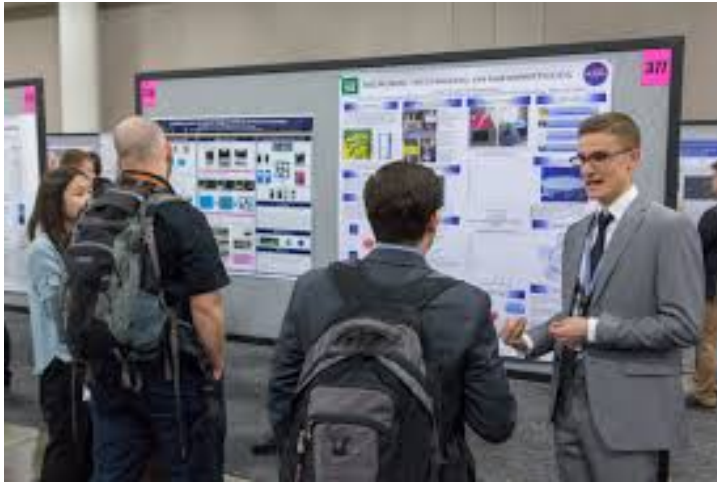
Student Activities

Tour of the Air and Space Museum



Student Activities

Student Poster Session



- Each student will have a 4' x 4' space for their poster
- Sharing of a 4' x 8' board
- Joint posters

- Push pins and Velcro provided
- Posters must be pre-printed & transported to event



Student Poster Session Abstracts

THURSDAY, OCTOBER 27

BOOTH # 101

Sinclair Community College
Faculty Development in Hybrid and Advance Automotive Technology

This project is designed to train college and high school instructors on hybrid/alternative fuel vehicle systems through a train-the-trainer approach. The safety and technological changes evolving with the electric vehicle industry require new strategies for their diagnosis and service. This project is also designed to develop resources and curriculum content.

BOOTH # 102

Valencia College
Closing the Gap: Designing and Implementing a Cybersecurity Program

This showcase will focus on some of the key design principles for establishing a successful cybersecurity program. Strategies to be shared include curriculum and program development issues; laboratory environment design and accessibility challenges; and creative ways to build industry and community partnerships.

BOOTH # 103

Bergen Community College
A Quality Assurance Training Program for Biological and Chemical Science Technicians

The Quality Assurance for the Life Science Industries Program trains students in the adherence to the regulations that are required for working in the pharmaceutical, chemical, personal care, and other regulated businesses in metropolitan New York and New Jersey. In this workforce development program, emphasis is placed on developing transferable skills.

BOOTH # 104

Mississippi State University
TIME – Technology Initiative in Manufacturing and Engineering

TIME—a collaborative effort among Mississippi State University's Center for Science, Mathematics, and Technology; East Mississippi Community College; and Itawamba Community College—provides a model to unite education and industry while producing qualified technicians for the high tech fields driving the state and national economy.

BOOTH # 105

College of Lake County
Regional Photonics Initiative at the College of Lake County

A Regional Photonics Initiative at the College of Lake County is providing the Greater Chicago Metropolitan area with professionals who use light and lasers in a safe and careful environment. These highly sought technicians are employed in companies, educational institutions, and government positions throughout Northern Illinois region.

BOOTH # 106

Hagerstown Community College
Building a Pathway in Biotechnology: From Vision to Reality

Pathway implementation involves partnerships, effort, and persistence. Success includes mathematics interventions, secondary teacher buy-in, recruitment efforts in diverse populations, skills assessment, current equipment, and on-campus internships that utilize external agency contracts with wide-range discipline relevance. This showcase will feature best practices in developing a career pathway for biotechnology.

BOOTH # 201

Western Kentucky University
Water Training Institute

The Water Training Institute builds on existing linkages with the water and wastewater employment sector (public and private utilities/ municipalities), state primacy agencies, and technical assistance/trade associations to refine an industry needs-driven curriculum that utilizes online course delivery to provide options for both traditional and nontraditional students.

BOOTH # 202

Sinclair Community College
Dayton Urban STEM Academy

In this STEM teacher development initiative, high school students are encouraged to pursue urban teaching careers by the creation of a STEM teacher pipeline with appropriate articulation agreements, and to develop a teacher education paradigm that uses an inquiry-based pedagogical framework to effectively teach STEM content.

BOOTH # 203

University of Massachusetts-Boston
The Synergy Collaboratory for Research, Practice, and Transformation

Synergy is creating a national network of expertise focused on tools, practices, and processes of scale. A program of professional growth, team development, and knowledge management using Synergy methodologies is helping to develop the skills and competencies necessary to achieve scale within a broad range of projects and initiatives in the ATE program.

BOOTH # 204

Amarillo College
Solar Energy Technology Project

Amarillo College's Renewable Energy program has initiated solar classes which include: Introduction to Renewable Energy Technologies, Solar PV Systems, Solar Thermal Systems, and Solar Installation and Troubleshooting. This showcase will display current student activities using training equipment, and outreach programs to public schools.

Student Poster Session

Student Poster Session Schedule – Regency Ballroom

Thursday, October 25

Set-up: 11:15 a.m. – Noon

Poster Session: 12:00 p.m. – 2:00 p.m.*

- Students are asked to stand by their posters from 12:30 – 2:00 p.m.
- Sign Up for Poster Session

Complete Student Info Form by: **Thursday, September 20**

National Science Board Listening Session

Thursday, October 25 – 7:45 – 8:45 a.m.

Share Your Story with STEM Leaders & Policy Makers



Food Events





Other Conference Questions

- **Conference Attire**
- **Internet Access**
- **Contact Information**

Conference Attire

- Business casual
- Comfortable shoes
- Dress in layers



Internet Access

- Complimentary wireless access in sleeping rooms, hotel common areas, and meeting space (except exhibit hall)



IMPORTANT DEADLINE

Student Information Form
Deadline:

Thursday, September 20, 2018



Contact Information

- Email: kate.lockard@conferencedirect.com
- Phone: 202-728-0200, ext. 275
- Web: www.aacc.nche.edu/2018ATE

Questions or Comments?





Thank You!

We will see you next month!



Webinar Survey

Please take a moment to help us become better:

INSERT LINK TO EVALUATION SURVEY