

**ATE**  
PRINCIPAL  
INVESTIGATORS  
CONFERENCE  
OCTOBER 24-26, 2018



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



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

Friday, September 7, 2018

Webinar begins at 1:00 pm EDT



# ATECENTRAL

SUPPORTING **ADVANCED TECHNOLOGICAL EDUCATION**

# Presenters



**Elaine Craft**, Director, SC ATE Center of Excellence;  
PI, Mentor-Connect Project, SC



**Ellen Hause**, Director, Academic and Student Affairs & PI, AACC;  
Co-PI, Mentor-Connect Project, DC

# WEBINAR CONTENT



- ATE Conference Overview
- Registration, Hotel, & Travel
- Navigating the Conference
- Maximizing Your Engagement
- ATE Program Officers
- ATE Student Participation
- Other Conference Questions

# ATE CONFERENCE OVERVIEW



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

# Conference Attendance Poll



Have you previously attended an ATE PI Conference?

- A. No, 1st time in 2018
- B. Yes, 2<sup>nd</sup> time
- C. Yes, 3<sup>rd</sup> time
- D. Yes, 4 or more!

# 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





# ATE PRINCIPAL INVESTIGATORS CONFERENCE

OCTOBER 24-26, 2018

[www.aacc.nche.edu/2018ATE](http://www.aacc.nche.edu/2018ATE)

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

CELEBRATING  
**25  
YEARS**

#ATE@25



# Who attends?



- ~ 800 people
- ATE community
- Selected guests



# Why attend?



- NSF
- National context
- Networking
- Professional development
- Sharing



# Why attend?



*“... one of the best opportunities to collaborate with other NSF ATE centers and projects. Every year, I learn something new and develop new partnerships.”*





# REGISTRATION, HOTEL, & TRAVEL



- Registration
- Hotel Reservations
- Travel Arrangements

# Registration



- Materials sent to PI via email and snail mail
- ATE grant # required
- Paid registrants: \$350/person
- Pre-conference registration: \$50/person
- Registration deadline: September 26, 2018

Grant Type	AACC Pays	Project/Center Pays	Max Allowed
Project	2	3	5
Center	2	5	7
>2 Awards	5	10	15

# Hotel Reservations



- Make your own reservations by September 26, 2018
- Guarantee
- 2 nights complimentary
- Paid rate: \$261/night
- Master Account
- Problems or Issues



# Travel Arrangements



- Make your own. Pay your own.
- Airport & ground transportation
- Other travel expenses
- Conference meals
- No \$ budgeted for travel?
  - Move \$ from another budget category
  - Do not use or move participant support costs without NSF approval





# Question

I have a new project grant, how many people can I bring to the conference?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

# Question

Of the 5, how many are complimentary?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

# Questions or Comments



# NAVIGATING THE CONFERENCE



- Pre-Conference Workshops
- Plenary & Concurrent Sessions
- Breakfast Roundtables
- Forums and Discussion Sessions
- Demonstration Sessions
- High Impact Practice Sessions & Synergy Meetings
- Showcase Sessions

# General Information



- Come early & stay to the end!
- Pre-conference workshops
  - “Getting Started”
- Split your team
- Expect to be busy



# Pre-Conference Workshops



## Workshop Examples:

- A. Getting Started for New Grantees
- B. ATE PI Survival Guide
- C. How Branding & Marketing Strategies Can Strengthen Your ATE Work
- D. Using Social Media as a Recruitment & Retention Tool
- E. Survey Fundamentals: Good Data Starts with Good Questions



# Plenary Sessions



# Plenary Sessions





# Plenary Sessions



2013 ATE  
PRINCIPAL  
INVESTIGATORS  
CONFERENCE  
*Celebrating 20 years*



# Concurrent Sessions



# Breakfast Roundtables



# Conference Sessions



Forums  
Discussion Sessions  
Demonstrations  
High-Impact Workshops  
Synergy Meetings



# Showcase Sessions



- Highlight of the conference!



# Showcase Sessions



# Showcase Sessions







## SHOWCASE II 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**

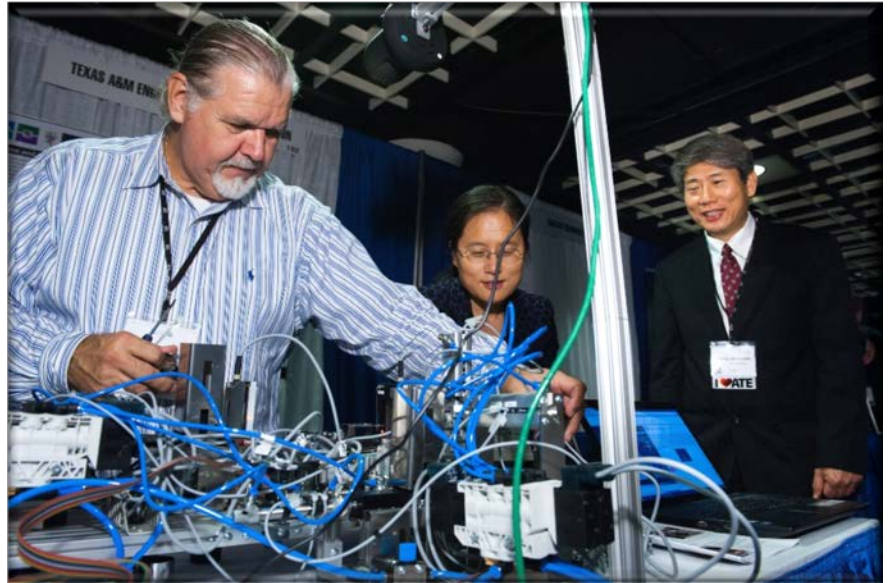
Amarillo College  
*Solar Energy Technology Project*

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.

# Showcase Sessions



# Showcase Sessions



# Showcase Sessions



# Questions or Comments?



# MAXIMIZING YOUR ENGAGEMENT



- Call for Sessions
- Showcase Sessions
  - Booth space & AV
  - Assembling displays & materials
  - Materials shipping
- ATE Conference Steering Committee

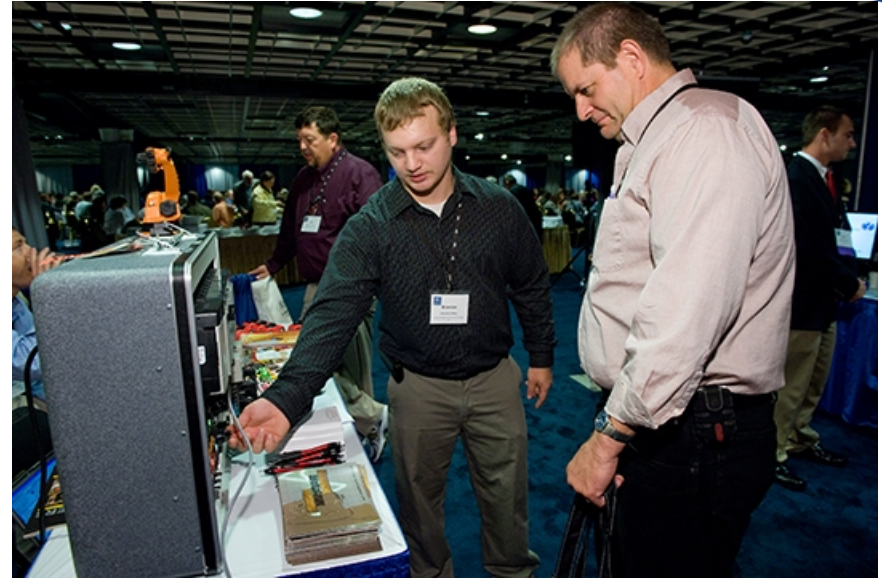
# Call for Sessions



# Showcase Sessions



- Participation required!
- New grantees



Showcase I: Wednesday, October 24

Set-up: 3:15 – 5:00 p.m.

Showcase: 7:00 – 9:15 p.m.

Showcase II: Thursday, October 25

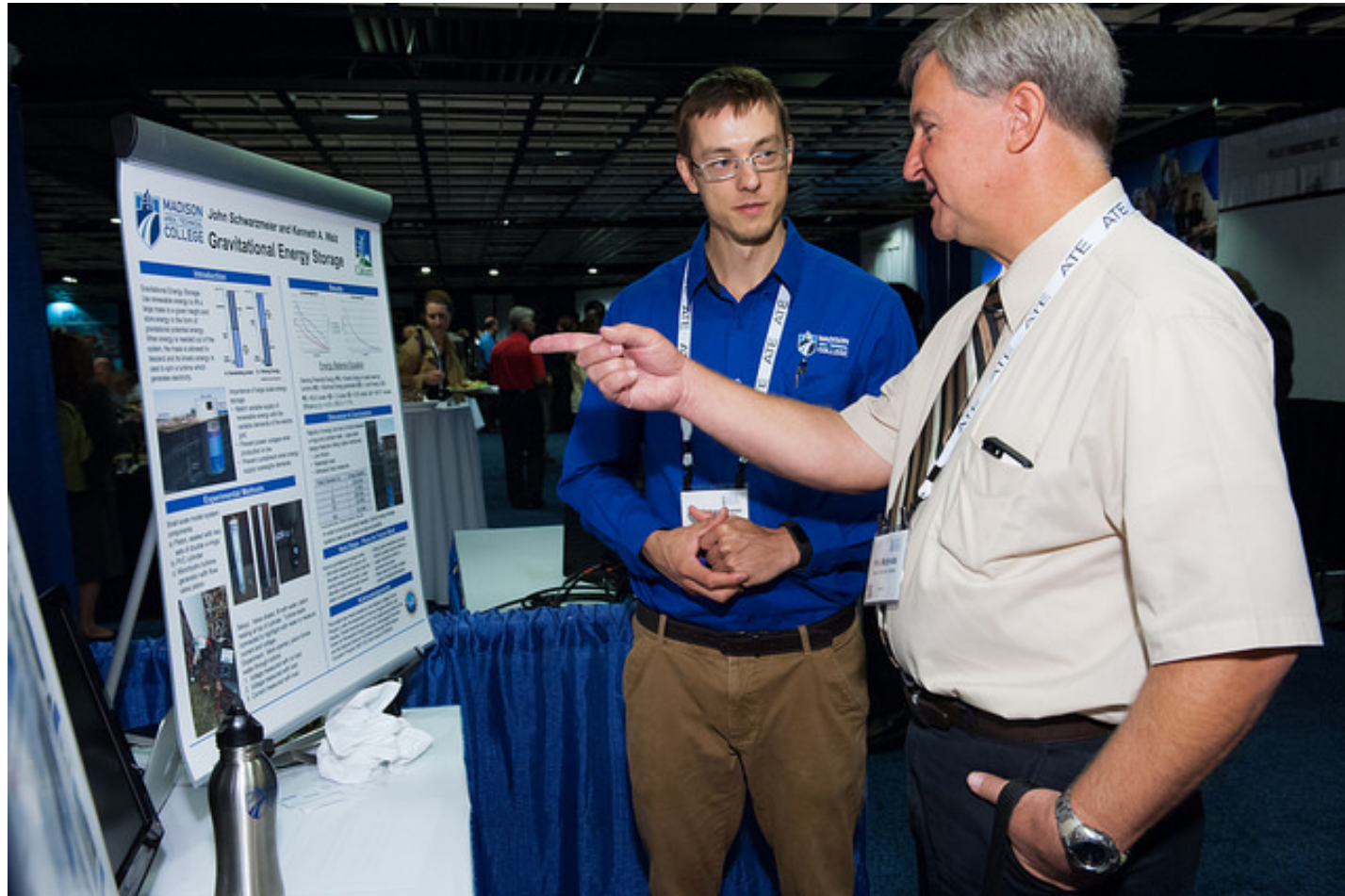
Set-up: 7:30 – 8:45 a.m.

Showcase: 3:45 – 6:00 p.m.



# Showcase Sessions

Booth Space & AV





# Showcase Sessions

## Booth Space & AV



- Electric
- AV:
  - 20" Flat Screen Monitor
  - Projection Screen
- Online Reservations Deadline:  
September 19, 2018
- [www.aacc.nche.edu/2018ATE](http://www.aacc.nche.edu/2018ATE)



# Showcase Sessions

## Assembling Displays & Materials



# Showcase Sessions

## Assembling Displays & Materials



# Showcase Sessions

## Assembling Displays & Materials



# Showcase Sessions

## Assembling Displays & Materials



- Arrangements & costs
- Hotel will NOT accept exhibit hall materials shipped directly to guests
- Exhibitor Kit
- Ship early & don't forget return trip

**PRESS HARD** **Brede** EXPOSITION SERVICES **FORM 8700**

**STRAIGHT BILL OF LADING-SHORT FORM-ORIGINAL-NOT NEGOTIABLE**

**INSTRUCTIONS:** COMPLETE ALL BLUE SHARED AREAS. RETURN COMPLETED BILL OF LADING TO THE BREDE SERVICE DESK WHEN INTERVIEWING. THIS BILL OF LADING IS NOT VALID FOR PAYMENT. FOR FURTHER INSTRUCTIONS OR PROPER USE OF THIS FORM, SEE SLIDE 3002.

NO. Received (Ship/Trade Code) \_\_\_\_\_ NUMBER OF SEPARATE SHIPMENTS IN BOOTH 1 2 3 4 OR MORE \_\_\_\_\_ No. **237051**

**FROM:**  
Your Exhibiting Company Name \_\_\_\_\_  
Shipping Location (Exhibit Facility) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**TO:**  
Consigned to (Ship to) \_\_\_\_\_  
Attention \_\_\_\_\_  
Destination (Street Address) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**METHOD:**  MOTOR FREIGHT  AIR FREIGHT  BY AIR  BY SEA  BY RAIL  VAN LINE  POV  OTHER \_\_\_\_\_

**CARRIER:** \_\_\_\_\_

IN THE EVENT YOUR SELECTED CARRIER FAILS TO ARRIVE BY THE DESIGNATED MOVE OUT TIME, PLEASE SELECT AND INITIAL ONE OF THE FOLLOWING OPTIONS. IF NO OPTION IS SELECTED, BREDE WILL FORCE THE SHIPMENT ACCORDING TO OUR HOUSE CARRIERS.

RE-ROUTE VIA CONTRACTOR'S CHOICE & DELIVER TO BREDE WAREHOUSE AT EXHIBITOR'S EXPENSE.  
 SHIPMENT  AIR-RECEIVED BY \_\_\_\_\_

BY THIS BILL OF LADING, THE EXHIBITOR AGREES TO HOLD BREDE EXPOSITION SERVICES, INC. HARMLESS FOR ANY DAMAGE TO OR LOSS OF GOODS OR PROPERTY OF ANY OTHER PARTY THAT MAY BE CAUSED BY THE EXHIBITOR'S NEGLIGENCE OR WILLFUL MISFEASANCE. THIS BILL OF LADING IS NOT VALID FOR PAYMENT. FOR FURTHER INSTRUCTIONS OR PROPER USE OF THIS FORM, SEE SLIDE 3002.

Quantity	Unit	Kind of Package, Description of Article, Name, Make and Location	Weight (Pounds & Ounces)	Class of Rate	Remarks to Section 1 of Consensus or appropriate set of labels. If the shipment is to be delivered to the consignee and not received at the destination, the consignee shall sign the following statement: We hereby acknowledge receipt of this shipment without defect in weight and/or other conditions.
		Circle (Shoppers) Exhibition Material			
		Carports (Cardboard)			
		Floor Covers/TURFS (Roll)			
		Stools/Poles			
		Carports (Color _____)			
		Machines			
		Miscellaneous (used) displays			
		<b>TOTAL</b>			

Freight charges guaranteed by \_\_\_\_\_  
Company/Exhibitor \_\_\_\_\_  
Attention \_\_\_\_\_  
Permanent Street Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone No. ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

Date \_\_\_\_\_ Received in apparent good order, except as noted \_\_\_\_\_  
Carrier Name \_\_\_\_\_  
Agent/Driver (Signature) \_\_\_\_\_  
Agent/Driver (Print) \_\_\_\_\_

**PRO LABEL HERE**

The Bill of Lading is to be signed by the shipper and agent of carrier.

# Conference Steering Committee



- Who plans the annual conference?
- Interested? Contact AACC staff at [ate@aacc.nche.edu](mailto:ate@aacc.nche.edu)





# Questions or Comments?



# ATE PROGRAM OFFICERS



- Identifying your ATE Program Officer
- Connecting with your Program Officer at the Conference

# Identifying Your ATE Program Officer



- [www.teachingtechnicians.org](http://www.teachingtechnicians.org)

Click on » Help for ATE PIs

- Program

- Plenary

## NSF ATE PROGRAM STAFF



Stephanie August  
ATE Program Director



David Campbell  
ATE Co-Lead Program Director



V. Celeste Carter  
ATE Co-Lead Program Director



Connie Della-Piana  
ATE Program Director



Corby Hovis  
ATE Program Director



Rupa Iyer  
ATE Program Director



Pushpa Ramakrishna  
ATE Program Director



Michael M. Rook  
Science Analyst



Keith Sverdrup  
ATE Program Director



Elizabeth Teles  
ATE Program Director



Heather Watson  
ATE Program Director

Dexter Jordan, Program Specialist  
Jasmine Hill, Program Assistant

# Connecting with your ATE Program Officer



# ATE STUDENT PARTICIPATION



- Overview
- Student Events

# Overview



- ATE student attendance
- Application/selection process
- Application Deadline: September 11, 2018



# Student Activities



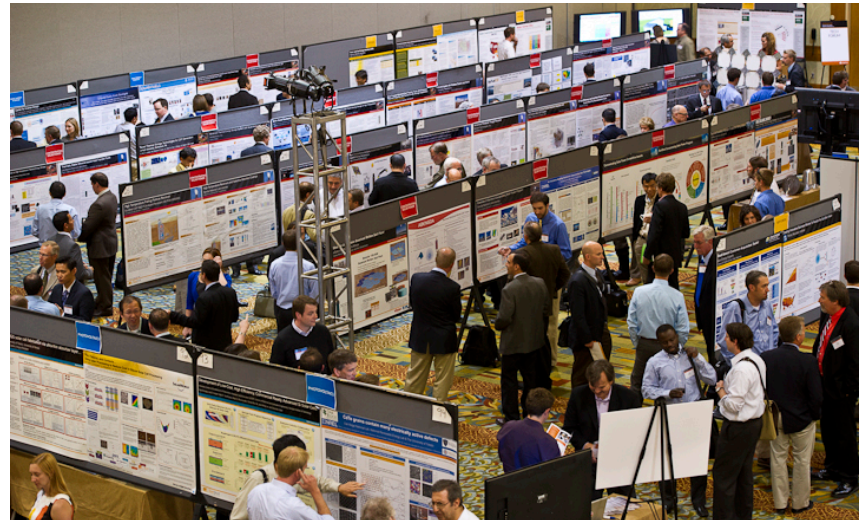
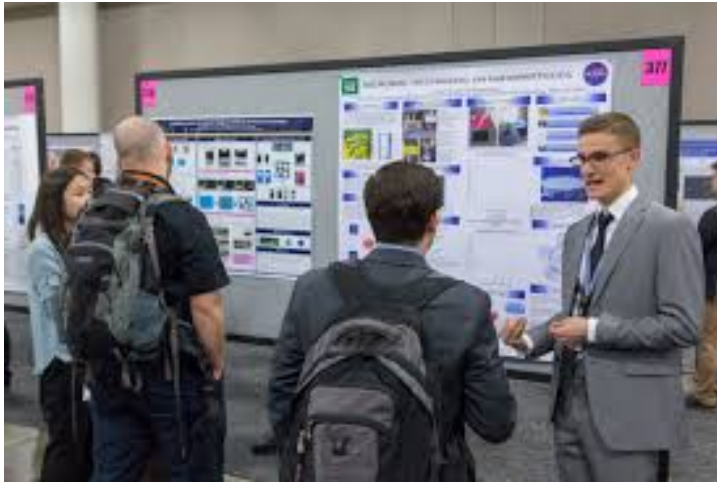
- Student Sessions



# Student Activities



- Student Poster Session





# Student Activities



- Student Recognition Breakfast



# Student Activities



- Student Industry Speed Networking



# Questions or Comments?



# OTHER CONFERENCE QUESTIONS



- Conference Attire
- Internet Access
- ATE Resources

# Conference Attire



- Business casual
- Comfortable shoes
- Dress in layers



# Internet Access



- Complimentary wireless access



# ATE Resources



- [www.atecentral.net](http://www.atecentral.net)
- [www.teachingtechnicians.org](http://www.teachingtechnicians.org)
- [www.mentor-connect.org](http://www.mentor-connect.org)
- [www.Evalu-ate.org](http://www.Evalu-ate.org)
- [www.atetv.org](http://www.atetv.org)
- [www.highimpact-tec.org](http://www.highimpact-tec.org)

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**Onsite + Online Event**  
Hi-TEC Call for Proposals  
Hi-TEC is a national conference on advanced technological ed...  
07/23/2012  
VIEW DETAILS

**Onsite Event**  
BIOMAN 2012  
To exchange best practices and ideas to support and enhance ...  
07/23/2012  
VIEW DETAILS

**Online Event**  
Webinar: Federal Supports for Low-Income Student Parents  
Federal Supports for Low-Income Student Parents: Spotlight  
07/25/2012  
VIEW DETAILS

**Onsite Event**  
ASP 2012 Meeting: Communicating Science A National Conference on Science Education  
Join us in the beautiful setting of the American Southwest ...  
08/04/2012  
VIEW DETAILS

ATE TV Advanced Technological Education Television

HOME WATCH VIDEOS WHY ATETV FIND ATE CENTERS BLOG

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ATETV Episode 4  
This week, individual stu...  
segments in this episode

Caroline Botelho

0:00 / 8:11

DIM LIGHTS COMMENTS EMBED PODCAST SHARE DOWNLOADS

# ATE CONFERENCE DEADLINES

- Student Application Deadline:  
Tuesday, September 11, 2018
- Showcase Reservation Deadline:  
Wednesday, September 19, 2018
- Hotel Reservation Deadline:  
Wednesday, September 26, 2018
- Registration Deadline:  
Wednesday, September 26, 2018





## Contact Information

- Email: [ate@aacc.nche.edu](mailto:ate@aacc.nche.edu)
- Phone: 202-416-4510
- Web: [www.aacc.nche.edu/2018ATE](http://www.aacc.nche.edu/2018ATE)

# WEBINAR SURVEY

Please take a moment to help us become better:

INSERT LINK TO EVALUATION SURVEY



# THANK YOU!

We will see you next month!

