

ATE
PRINCIPAL
INVESTIGATORS
CONFERENCE

A VIRTUAL EVENT

Resilience & New Frontiers
OCTOBER 19-23, 2020 (EDT)



#ATEPI

Orientation to the 2020 Virtual ATE Conference

Wednesday, October 7

Webinar begins at 1:00 pm EDT



ATECENTRAL

SUPPORTING **ADVANCED TECHNOLOGICAL EDUCATION**

www.atecentral.net

Presenters



Ellen Hause

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



Courtney Larson

ATE Project Coordinator
American Association of Community Colleges



WEBINAR CONTENT

- ATE Conference Overview
- Registration
- Conference Agenda
- ATE Connects & Virtual Networking
- ATE Student Participation
- Platform & Access Tips



ATE CONFERENCE OVERVIEW

- What is it?
- When is it?
- Who participates?
- Why participate?

Conference Attendance Poll

Have you previously attended an ATE PI Conference?

- A. No, 1st time in 2020
- B. Yes, 2nd time
- C. Yes, 3rd time
- D. Yes, 4 or more!

What is it?

- ATE PI Conference
- National Event
- NSF & AACC



When is it?

- Typically held in October of each year
 - October 19-23, 2020
 - Between 12:00 – 4:00 p.m. EDT
- Content recorded and available on demand for three months following event

www.ATEPIConference.com



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Resilience & New Frontiers
OCTOBER 19-23, 2020 (EDT)

AAACC AMERICAN ASSOCIATION OF COMMUNITY COLLEGES 100th ANNIVERSARY

#ATEPI

ATE 2020:
Resilience & New Frontiers
A Virtual Event
October 19-23, 2020

Who participates?

- ~ 900 people
- ATE community
- Selected guests



Why attend?

- NSF
- National context
- Virtual networking
- Professional development
- Sharing



REGISTRATION

- ATE Grantees – Complimentary Registration
- Deadline October 16, 2020

- ATE Projects – 5
- ATE Centers – 7
- Projects in No-Cost Extensions – 2

- Registration Help: ate@aacc.nche.edu
888-813-8356



CONFERENCE SESSIONS

- Pre-Conference Workshops
- Plenary & Concurrent Sessions
- Spotlight Sessions
- Demonstration Sessions
- Synergy Meetings

Pre-Conference Workshops

Monday, October 19

- **Workshop A: Getting Started for New Grantees**
 - New grantees should register for this workshop
- **Workshop B: Use It or Lose It – How to Get the Most Out of Your Project Evaluation**
- **Workshop C: Align Your Colleges' Strategic Mission with NSF ATE – The Presidential Perspective**

Plenary Sessions

Equity and Inclusion through Innovation – The Road to Recovery and Reinvention

Jessica Gomez, Founder and CEO,
Rogue Valley Microdevices



George A. Parker, Technical Fellow and
Technical Lead Engineer, The Boeing Company



Nicol Turner Lee, Director, Center of Technology
Innovation, Brookings Institution



V. Celeste Carter, Lead ATE Program Director,
National Science Foundation (Moderator)



Plenary Sessions

Relentless Adaptation in the Age of COVID-19

Amber Mac, President, Amber Mac Media



Concurrent Sessions

Concurrent 1: Industry Talks: The Future of Work's Impact on Technician Education

Concurrent 2: STEM Engagement in the Time of COVID: Strategies from Air, Land, & Sea

Concurrent 3: Remote Undergraduate Research to Increase Participation in ATE

Concurrent 4: Designing Virtual Realities for Advanced Technological Education

Demonstration & Spotlight Sessions

Pre-recorded content

Live engagement with presenters through chat



Synergy Meetings



Live sessions in
Zoom Meeting

Questions or Comments





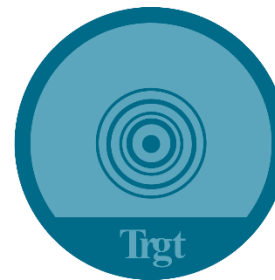
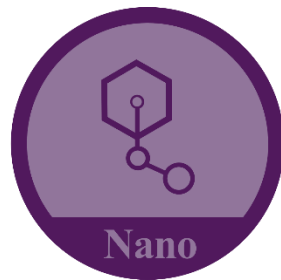
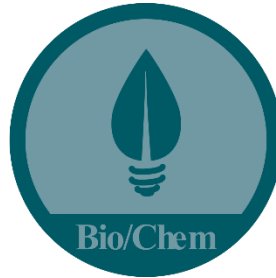
ATE CONNECTS

- Session Overview
- How Organized
- What to Expect

ATE Connects

- Key component of the event
- Tuesday, October 20 from 2:45 – 4:00 p.m.
 - Dedicated time and on-demand viewing
- Explore, engage, & connect with ATE projects & centers
 - Submissions high-level overview or strategy highlight
- Grouped by eight STEM discipline areas
- Searchable by Institution, PI, key word

ATE Connects





VIRTUAL NETWORKING

- Slack Workspace
- Conference Channels
- Resources for Download & Use

Virtual Networking

- Invitations to join Slack workspace go out October 13
- Tool for community engagement, group chat, and Direct Messaging
- The “Connect” in “ATE Connects”
- Encourage use throughout conference



Virtual Networking

- Download Slack to any device
 - Computer Desktop Recommended
- Create User Profile
 - Notification Settings
- Short tutorials and instructions on conference website
- Join the conversation in dedicated Slack event channels



Virtual Networking

Event Information

#announcements

General event information

#help

Seek assistance in Slack here.

ATE Community Chat and ATE Connects Session

Channels

#advanced-manufacturing-technologies

#agricultural-and-environmental-technologies

#bio-and-chemical-technologies

#engineering-technologies

#general-advanced-technological-education

#information-and-security-technologies

#micro-and-nanotechnologies

#targeted-research



Search 2020-Virtual-ATE-Conference



2020-Virtual-ATE-Conference ▾



⋮ Browse Slack

▾ Channels

advanced-manufacturing-technologies

agricultural-environmental-technologies

announcements

bio-and-chemical-technologies

engineering-technologies

general-advanced-technological-education

help-

information-and-security-technologies

micro-and-nanotechnologies

🔒 students-and-alumni

targeted-research

+ Add channels

▾ Direct messages

ehause (you)

Courtney Larson

+ Add teammates

#announcements ☆

Add a topic

Thursday, September 17th ▾



ehause 9:19 PM

joined #announcements along with Courtney Larson.

Monday, October 5th ▾



ehause [Edit your profile](#) 11:46 AM

Welcome to the 2020 Virtual ATE Conference Slack Workspace! We are excited to have you in this channel to post announcements and reminders. A few notes to get us all started:

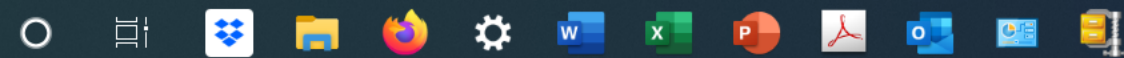
1. Be sure to update your profile to let everyone know who you are.
2. Once your profile is set up, select a STEM discipline channel and go on over to that channel.
3. Look for the Direct Message buttons in the ATE Connects session to engage with our partners and centers.
4. Need some help? Visit our #help channel.
5. If you notice something suspicious or that makes you uncomfortable, please report it to us.
6. We look forward to your participation!

(edited)

Send a message to #announcements



Type here to search



Setting Profile

Please place Full Name in Full Name field for ATE Connects

Edit your profile ✕

Full name

Display name


This could be your first name, or a nickname — however you'd like people to refer to you in Slack.

What I do

Let people know what you do at 2020-Virtual-ATE-Conference.

Phone number

Enter a phone number.

Profile photo

[Upload an Image](#)
[Remove photo](#)

[Add, edit or reorder fields](#)

2020-Virtual-ATE-Conference

Browse Slack

Channels

- # advanced-manufacturing-technolog
- # agricultural-environmental-technolo
- # announcements
- # bio-and-chemical-technologies
- # engineering-technologies
- # general-advanced-technological-ec
- # help-
- # information-and-security-technolo
- # micro-and-nanotechnologies
- # students-and-alumni
- # targeted-research

Direct messages

- Ellen Hause (you)
- Courtney Larson
- Dale Greenberg
- + Add teammates

Search 2020-Virtual-ATE-Conference

Ellen Hause •
Program Director

et status Edit profile More

ehause@aaccc.nche.edu

Type here to search

9:09 AM
10/7/2020

Channel Group Chat

The screenshot shows a Slack interface for a channel named "#advanced-manufacturing-technologies". The top navigation bar includes a search bar with the text "Search 2020-Virtual-ATE-Conference" and a user profile icon. The left sidebar lists various channels under the "2020-Virtual-ATE-Conference" workspace, with "#advanced-manufacturing-technologies" selected. The main chat area displays a welcome message from the channel creator, Ellen Hause, dated Monday, October 5th. The message reads: "This is the very beginning of the #advanced-manufacturing-technologies channel. You created this channel on September 17th. Add description". Below the message are options to "Add people" and "Connect an app". At the bottom, there is a text input field for sending a message to the channel, with a rich text editor toolbar and a "Send" button. The Windows taskbar is visible at the very bottom, showing the search bar and several application icons.

2020-Virtual-ATE-Conference

#advanced-manufacturing-technologies ☆

Add a topic

2 + Add

Browse Slack

Channels

- # advanced-manufacturing-technologies
- # agricultural-environmental-technologies
- # announcements
- # bio-and-chemical-technologies
- # engineering-technologies
- # general-advanced-technological-education
- # help-
- # information-and-security-technologies
- # micro-and-nanotechnologies
- students-and-alumni
- # targeted-research
- + Add channels

Direct messages

- Ellen Hause (you)
- Courtney Larson
- Dale Greenberg
- + Add teammates

This is the very beginning of the #advanced-manufacturing-technologies channel
You created this channel on September 17th. Add description

Add people

Connect an app

Monday, October 5th

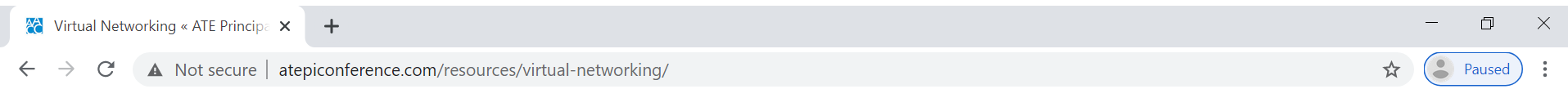
Ellen Hause 11:41 AM
Welcome to the Advanced Manufacturing Technologies channel! Please introduce yourself and pose any questions or comments to your colleagues here.

Send a message to #advanced-manufacturing-technologies

Rich text editor toolbar: Bold, Italic, Link, Code, Unlink, Bulleted List, Numbered List, Indent, Outdent, Undo, Redo.

Windows taskbar: Search bar, Task View, Edge, File Explorer, Firefox, Settings, Word, Excel, PowerPoint, Adobe Reader, Outlook, OneDrive, Teams, Chrome, and system tray with date/time (9:13 AM 10/7/2020).

Slack Resources & Instructions on www.ATEPIConference.com



4. Learn How to Use Slack

Instructions for how to sign into and set up Slack, how to navigate event Channels, and how to Direct Message attendees are provided below.

Sign Into Slack

[How to Sign In](#)

Customize Profile & Preferences

[How to Set Profile Preferences](#)

All About Channels

[Learn About Chat Channels](#)

All About Direct Messages (DMs)

How to converse and engage with conference attendees and ATE Connects session presenters.

[Learn About DMs](#)

5. Configure Your Slack Notification Settings

Slack will notify you of new channel posts and/or if you are direct messaged through the app. You can adjust your notification settings in Slack at any time. From the Slack workspace, click your name in the top left corner. From there you can quickly mute notifications for a designated period or click “preferences” to permanently update your notification settings.

[How to Configure or Adjust Notification Settings](#)

6. Find a Channel and Engage

Conversations in Slack are organized in channels. The channels for the 2020 Virtual ATE Conference are organized around key STEM focus areas and are listed below. Once you are invited to join the workspace, we ask you to select the channel most closely tied to your STEM area of focus and go on in to introduce yourself or pose a question to get the conversation started.

[Event Information](#)



Questions or Comments?





ATE STUDENT PARTICIPATION

- Overview
- Student Sessions

Overview

- ATE student attendance
- Application/selection process



Student Spotlight

- **ATE Student Spotlight: Resilience and Innovation**
- Thursday, October 22 – 12:00 – 12:45 p.m. EDT



Student Sessions

- Virtual Student Poster Session
- Opens on Thursday, October 22 at noon with Student Spotlight Session
- Connect with Students through Direct Message in Slack
- View posters on demand following Student Spotlight



Student Activities

- Student/Industry Speed Networking
- Use of Zoom breakout rooms
- Small groups with industry for direct interaction





PLATFORM & ACCESS TIPS

- Conference Platform Preview
- System Requirements

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AAC&C
AMERICAN
ASSOCIATION
OF COMMUNITY
COLLEGES

#ATEPI

Welcome to the Virtual Event

Please log-in with the email address used to register for this event.
For registration questions, contact: ate@aacc.nche.edu or call (888) 813-8365

Login

Important Notices on Conference Participation

Virtual Event Code of Conduct: By signing in to attend this event, I agree to follow the [Virtual Conference Code of Conduct](#) as posted on the conference website.

Important Notice on Session Recordings: Please note that the 2020 Virtual ATE Conference allows audio, video, chat, and other information shared during live sessions to be recorded. By joining these virtual sessions, you automatically consent to such recordings. If you do not consent to being recorded, discuss your concerns with ATE Conference staff at ate@aacc.nche.edu or do not join the session.

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Welcome

About

Agenda

ATE Connects

Student Posters

Virtual Networking

Tech Support

Logout

Welcome

Welcome to the 27th National Advanced Technological Education (ATE) Conference—and our first ever virtual event!

This year's conference theme ATE 2020: Resilience and New Frontiers, focuses on the critical value of preparing students with STEM technical and employability skills—and the vital role community colleges and the ATE program play in preparing a highly-skilled U.S. workforce in a current- and post-pandemic economy.

ATE projects and centers nationwide, in response to COVID-19, are challenged to develop strategies to successfully deliver hands-on content in an online environment such as through virtual labs, simulations, and augmented and virtual reality. The 2020 Virtual ATE Conference includes several sessions that focus on how the ATE community has created innovative curriculum, technologies, and authentic learning experiences in virtual environments and how their resiliency, flexibility, and leadership is both addressing and shaping the current and future needs of STEM technician education.

The American Association of Community Colleges (AAC) seeks to foster a welcoming and intellectually stimulating virtual conference experience for all participants. We expect all conference participants, presenters, and staff to recognize that while this virtual event is a place for the open exchange of opinions by diverse individuals, respect and inclusivity for all is expected. For more information on the Virtual Conference Code of Conduct, please [click here](#).

AACC wishes to express their appreciation to the National Science Foundation, the event steering committee, and the ATE community for their

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Agenda

Monday, Oct 19

Tuesday, Oct 20

Wednesday, Oct 21

Thursday, Oct 22

Friday, Oct 23

Session times are listed in Eastern Daylight Time

1:00 pm - 3:00 pm
EDT

Getting Started for New Grantees

Join Session

System Requirements

- Event Platform powered by Zoom
 - Recommend downloading but can connect through web
- Recommend Google Chrome or Microsoft Edge as browser
 - Make sure running most current version
 - Internet Explorer is not compatible with virtual platform
- Internet connection
- View complete System Requirements and tips for access
 - www.ATEPIConference.com

Questions or Comments?



ATE CONFERENCE DEADLINES

- ATE Connects Deadline:
Wednesday, October 7, 2020
- Registration Deadline:
Friday, October 16, 2019



CONTACT INFORMATION

- Email: ate@aacc.nche.edu
- Phone: 888-813-8365
- Web: www.ATEPIConference.com



THANK YOU!

