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

Wednesday, September 20, 2023

6:00 pm EDT

NSF

AMERICAN ASSOCIATION OF COMMUNITY COLLEGES
LEAD ADVOCATE ADVANCE

Presenters

Courtney Larson
Project Assistant, Academic and Student Affairs
American Association of Community Colleges

Ellen Hause
Associate VP, Academic & Student Affairs
American Association of Community Colleges

Webinar Content

ATE Conference Overview

Registration, Hotel, & Travel

Student Events

Other Conference Questions

Have you ever been to Washington, DC?

ATE Conference Overview

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

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 25-27, 2023

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

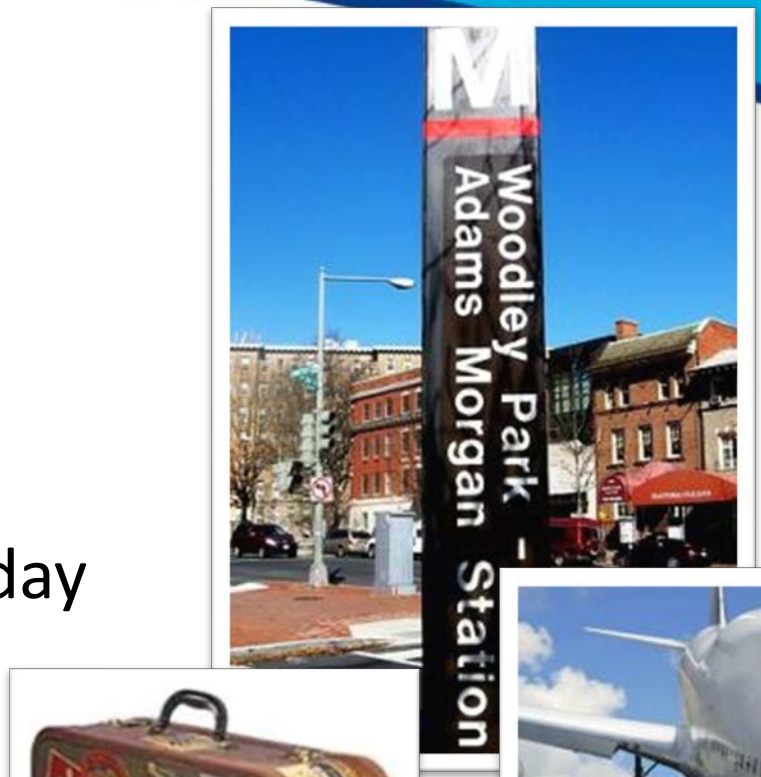
- **Who Pays for What?**
- **Other Expenses**

Who Pays for What?

AACC Pays	Project/Center Pays
Registration	Airfare
Lodging	Other expenses

Other Expenses

- Airfare
- Ground Transportation
- Meals provided
  - Wednesday dinner
  - Breakfast, Lunch on Thursday
  - Breakfast on Friday



What to Expect

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

Hotel Reservations

- Do NOT make your own hotel reservations
- 3 nights complimentary
- Master Account
- Rate for additional days: $279/night
- Problems or Issues

Registration

- Check in
- Photo release
- Student Guide to Events

Questions or Comments?

Student Activities – Attend Conference Sessions

Student Activities – Conference Sessions

Student Activities – Conference Sessions

Student Activities – Student Only Session

Student Activities – Recognition Breakfast

Friday, October 27, 2023, 7:30 a.m.

Student Activities – Recognition Breakfast

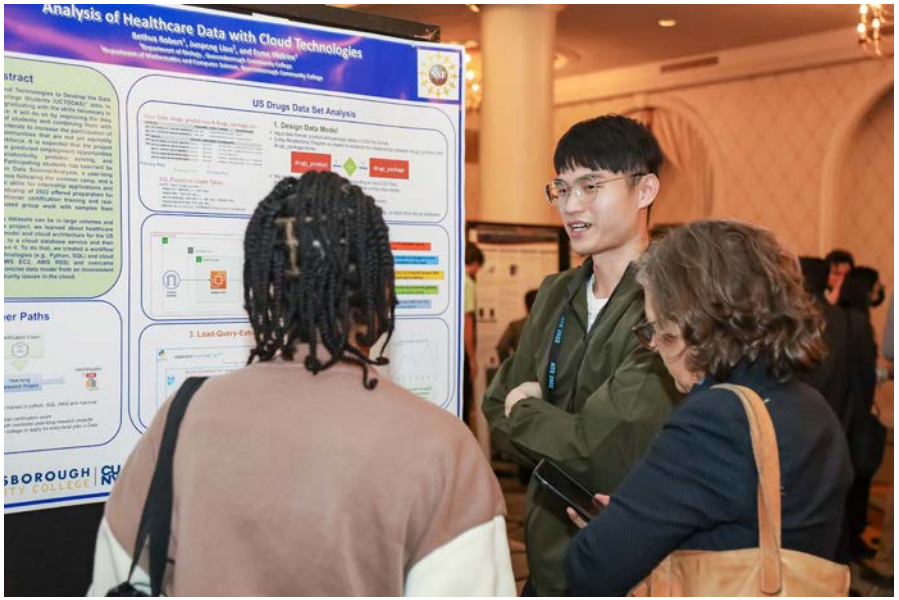
Friday, October 27, 2023

Student Activities - Tour

DC Highlights and Air and Space Museum

Student Activities – 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 & Velcro provided
- Posters must be pre-printed & transported to event

Student Poster Session Abstracts

ATE STUDENT AND ALUMNI POSTER SESSION

Thursday, October 25
12:30 – 2:00 pm
Regency

Poster #1
Alamance Community College
Ricketta Self

This poster will share information on Alamance Community College's mechatronics program. The program includes training in programmable logic controllers (PLCs), automation, and robotics. Students learn to program PLCs from Rockwell and Siemens. The mechatronics program moved into a new facility the fall of 2017. With this move the program has grown and students now have access to a robotic arm, which they can program to run a product.

Poster #2
Asheville-Buncombe Technical Community College
Kendra Joyner

This poster will highlight a student's experience as a woman in computer technologies. The poster will include information on completed student projects, work experience, and A-B Tech's Women in Technology Society. The student project also includes the use of the BlippAR app to create interactive posters.

Poster #3
Asnuntuck Community College
Marquell Russell, Dale Twigg

This poster will highlight Asnuntuck Community College's Advanced Manufacturing and CNC Machining Program. This program is a total of 34 credits administered over two semesters that leads to a certificate. Students enjoy a 90 percent job placement rate and have the opportunity to transfer credits earned to a two- or four-year college upon graduation.

Poster #4
Atkins Academic and Technology High School
Terry Howerton

After participating in the Bioscience Industry Fellowship Program, this presenter will describe what he has learned from visiting multiple companies and programs regarding the skills needed for employment in the biopharmaceutical and biotech industry.

Poster #5
Bristol Community College
Jill Napert

In 2017, this presenter transitioned from full-time public school teaching to the drinking water treatment industry with the help of Professor Robert Rak and the Blue Center for Water Technologies at Bristol Community College. This poster highlights a new career as a plant operator at the Taunton River Desalination Plant in North Dighton, Massachusetts.

Poster #6
Bronx Community College of the City College of New York
Nicaela Cartagena

This poster outlines the presenter's work in helping younger generations understand the importance of geospatial technology by partaking in GIS workshops as an assistant and instructor. The poster will also feature research on the ancient Maya civilization in Belize, Central America, through processes in map making.

Poster #7
Central Connecticut State University, University of Connecticut
Jesse H. Gutaukas, Dhrumil Shah

Today, because of the high price of prosthetics, it is very difficult for disadvantaged families to provide a better life for their children who rely on these devices. The goal of this team is to design and create a more affordable prosthetic hand for children using innovative technologies to lower the cost of production and increase product accessibility.

Poster #8
Clark State Community College
Logan Ballard, Jeremiah White

The poster will contain details of the highly structured and modularized DREAMs project. DREAMs stands for Developing Rigorous and Enhanced Academic Modules. The purpose of this project is to develop cybersecurity learning modules in a lab environment for high school students without any previous cybersecurity knowledge or experience.

Poster #9
Collin County Community College
Ean L. Towne

This poster highlights an examination of network segmentation strategies to minimize cyber attacks. As a part of a defense-in-depth strategy to network security, preventing unfettered access to pivot points and reducing the possibility of malware dispersion through peer-to-peer connectivity is necessary.

Student Poster Session Schedule

Wednesday, October 25

Set-up: 4:00 – 5:00 pm (Blue Pre and Blue Room)

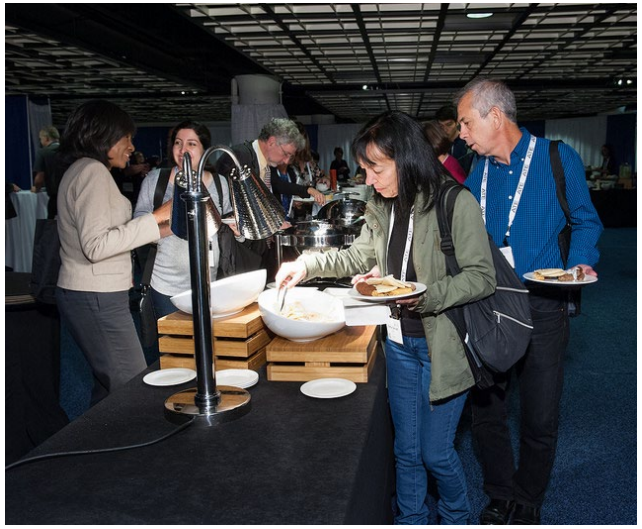
Opening Plenary Session and Dinner: 5:00 p.m. – 7:15 p.m. (Regency)

Poster Session: 7:15 p.m. – 8:45 p.m.* (Blue Pre and Blue Room)
(Students are asked to stand by their posters during this time frame)

Poster Tear-Down: 8:45 – 9:00 p.m. (Blue Pre and Blue Room)

Complete Student Info Form by: **Friday, September 22**

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, & meeting space

IMPORTANT DEADLINE

Student Information Form Deadline:

Friday, September 22, 2023

Contact Information

- Email: clarson@aacc.nche.edu
- Phone: 202-728-0200, ext. 275
- Web: www.atepiconference.com

Questions or Comments?

Thank You!

We will see you next month!