



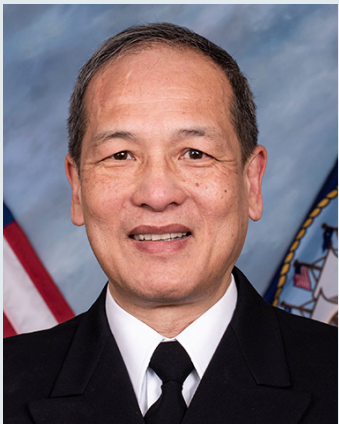
COLLEGE OF  
**ENGINEERING, ARCHITECTURE  
AND TECHNOLOGY**

# CEAT HIGHLIGHTS

December 2020

## Announcements

**OSU's College of Engineering, Architecture and Technology announces Hall of Fame inductees and Lohmann Medal recipients**



Rear Admiral Huan Nguyen



Dr. Stephen Searcy



Thomas Britton



Mark Sutton

**OSU alums named to Forbes 30 Under 30 entrepreneurs list**



**Unmanned Systems Research Institute partners with Boeing to create internship tied to NASA project**



# Announcements

## DHS announces new Homeland Security Advisory Council members



Acting Secretary of Homeland Security, Chad F. Wolf introduced two new members to the Homeland Security Advisory Council (HSAC): Tom Jenkins and Catherine Lotrionte. Created by President George W. Bush in 2002, the HSAC is a Department of Homeland Security federal advisory committee that provides the secretary with independent, informed recommendations, and advice on a variety of homeland security issues.

“My vision for the Homeland Security Advisory Council, consistent with its charter, is to seek strategic, timely, specific and actionable advice on a range of homeland security issues,” said Acting Secretary Wolf. “I’m pleased to appoint these leaders in their respective fields to the council, and I thank all the HSAC members for their continued service to the country, and to the Department.”

Please find additional background information on the new Homeland Security Advisory Council members below.

Tom Jenkins was appointed Fire Chief for the City of Rogers, Arkansas on January 16, 2009. In this capacity he is responsible for over 150 career firefighters in ten locations. Chief Jenkins has served under Governors Beebe and Hutchison on several state commissions and groups, including the Trauma Advisory Council, the Firefighter Benefit Review Panel and the Safe Schools Commission. Chief Jenkins has served as a professor for both Northwest Arkansas Community College, Drury University and Oklahoma State University, teaching topics that range from leadership and administration to fire hydraulics and suppression tactics. Chief Jenkins served as the President of the International Association of Fire Chiefs from 2017-2018.

Catherine Lotrionte is a Senior Researcher at Georgetown University, a Senior Associate in the Technology Policy Program at the Center for Strategic and International Studies and a Senior Fellow at the McCrary Institute for Cyber and Critical Infrastructure Security at Auburn University. Previously she served as the Brent Scowcroft scholar at the Atlantic Council. She is also the founder and former Director of the CyberProject at Georgetown University, where she has taught and written on international and national security law, international affairs and technology. At Georgetown she founded the Annual International Conference on Cyber Engagement which draws on the experience of government practitioners, industry representatives and academic scholars, providing technical, corporate, legal and policy perspectives from the international community.

Recently, the HSAC gathered to welcome the new members, discuss homeland security issues, and receive briefings from the council’s Economic Security, Information and Communications Technology (ICT) Risk Reduction, Youth Engagement, Biometrics, Emerging Technologies and Academic subcommittees. Additionally, the HSAC received public comment on, reviewed, deliberated, and voted to approve, the final reports from the subcommittees on Economic Security, ICT Risk Reduction, Emerging Technologies, and Biometrics. These final reports will now be delivered to Acting Secretary Wolf.

For more information about the HSAC, visit [www.dhs.gov/hsac](http://www.dhs.gov/hsac).

## EXCELSIOR Wins Citation Award at the Eastern Oklahoma AIA Design Awards



Oklahoma State University’s EXCELSIOR Building won a Citation Award at the Eastern Oklahoma AIA Design Awards for 2020.

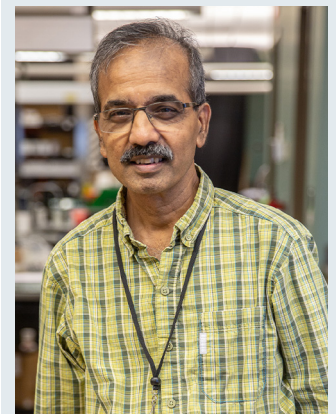
The building won in the Small Commercial Architecture category. The jury of judges said the project surprises with a creative transformation of a small space that

simultaneously responds successfully to its new purpose and selectively reuses the building’s character-defining elements.

Selser Schaefer Architects designed Excelsior and the building opened on November 2, 2019. EXCELSIOR aims to provide a higher level of educational opportunities to students studying unmanned systems. The building also contains a number of benefits compared to the Richmond Hills complex and is located on campus.

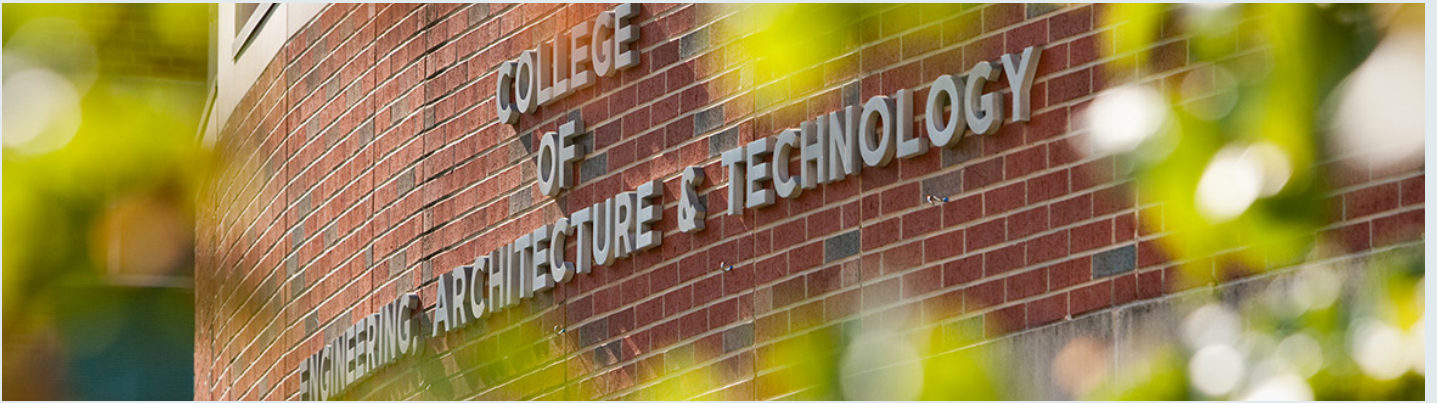
OSU congratulates Selser Schaefer Architects for their great work on the EXCELSIOR building.

## CEAT faculty member elected Fellow for the National Academy of Inventors

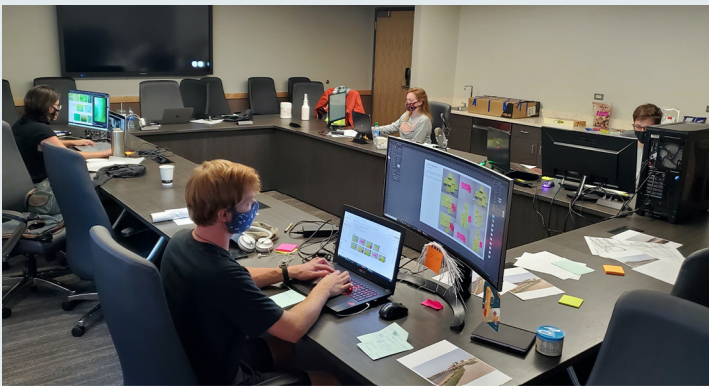


# Academics

**Nine College of Engineering, Architecture and Technology students selected as OSU Seniors of Significance**



**OSU Places at the AIA Central States Region Student Design Competition**



**Unmanned aircraft researchers helping NASA reach new heights on Mars**



**Project Boom: CEAT students join global partners in effort to create unmanned aircraft capable of breaking sound barrier**

# Academics

2020 Senior Design Expo brochure now available digitally



OSU COLLEGE OF ENGINEERING, ARCHITECTURE AND TECHNOLOGY

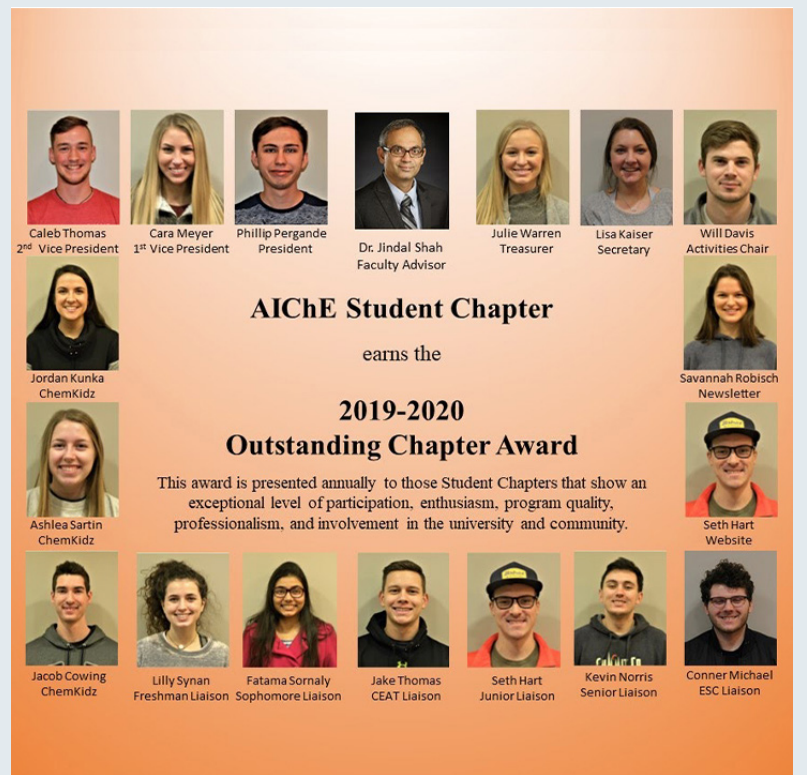
## SENIOR DESIGN EXPO

Fall 2020 Team & Projects Guide



Friday, Nov. 20  
VIRTUAL

OSU AIChE Chapter wins Outstanding Student Chapter award



Caleb Thomas  
2<sup>nd</sup> Vice President

Cara Meyer  
1<sup>st</sup> Vice President

Phillip Pergande  
President

Dr. Jindal Shah  
Faculty Advisor

Julie Warren  
Treasurer

Lisa Kaiser  
Secretary

Will Davis  
Activities Chair

Jordan Kunka  
ChemKidz

Ashlea Sartin  
ChemKidz

Jacob Cowing  
ChemKidz

Lilly Synan  
Freshman Liaison

Fatama Sornaly  
Sophomore Liaison

Jake Thomas  
CEAT Liaison

Seth Hart  
Junior Liaison

Kevin Norris  
Senior Liaison

Conner Michael  
ESC Liaison

Savannah Robisch  
Newsletter

Seth Hart  
Website

**AIChE Student Chapter**  
earns the  
**2019-2020**  
**Outstanding Chapter Award**

This award is presented annually to those Student Chapters that show an exceptional level of participation, enthusiasm, program quality, professionalism, and involvement in the university and community.

# Research

The science of windy cities

