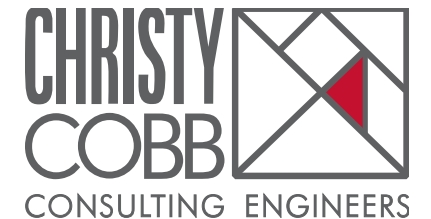




2025 AWARDS BANQUET SPONSORED BY:



HARGROVE | at a Glance

ENR
Engineering News-Record
2024

#59

TOP 500
DESIGN FIRMS

#2

CHEMICALS
INDUSTRY

- 3** Industrial Process
- 4** Pulp & Paper
- 5** Refining
- 9** Pharma
- 9** Petroleum
- 12** Power

CONTROL
ENGINEERING
2022
**System
Integrator**
of the Year
PLANT
ENGINEERING



Teammates
by Discipline

Project Management	285
Process	235
Mechanical & Piping	592
Civil, Structural, & Architectural	277
Electrical & Instrumentation	460
Controls & Automation	125
Project Planning & Controls	169
Procurement	55
Construction Management / Startup	172
Document Control / Project Admin	228
Health & Safety (EHS) and QA/QC	41
Management & Administration	98
TOTAL	2737

hargrove



★ 19 Full-service Offices



HARGROVE

Mission

Team with our customers to drive mutual and sustained success.

Hargrove serves the process industries as a full-service engineering, EPC project execution, and controls & automation integration firm.



FOUNDED

TOP 500
DESIGN FIRMSSOURCEBOOK
CHEMICALSTOTAL GIVING
\$3 MM100%
TEAMMATE
OWNEDALABAMA'S
LARGEST
ENGINEERING
FIRM



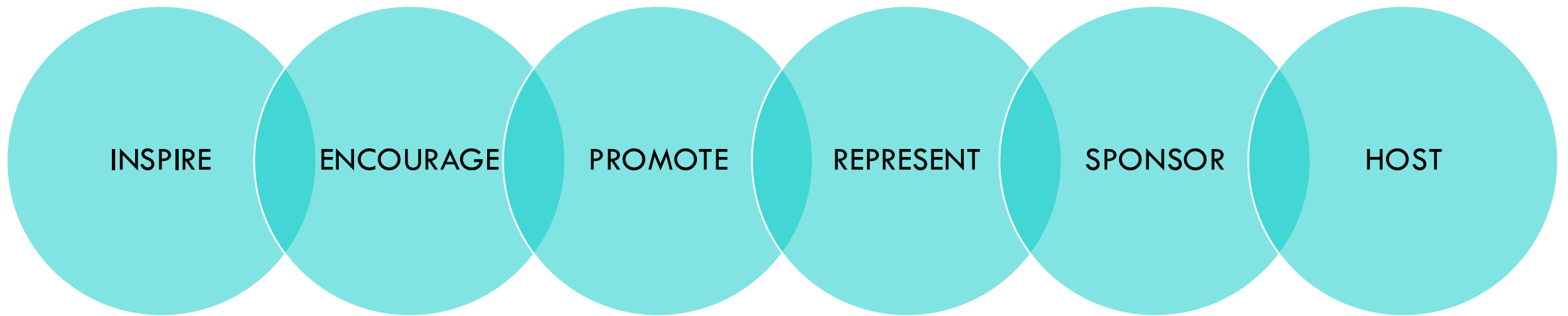
ENGINEERING COUNCIL OF BIRMINGHAM

proudly presents

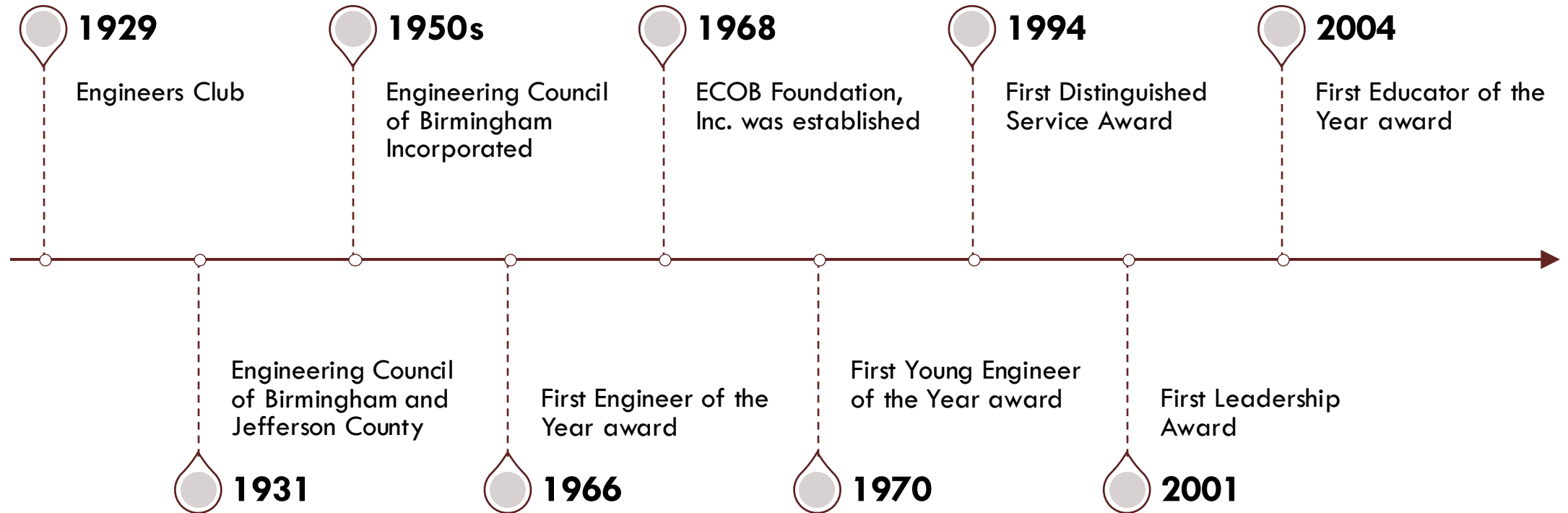
66TH ANNUAL ENGINEERING AWARDS BANQUET



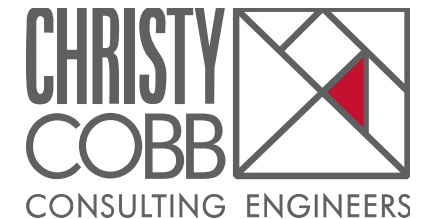
PURPOSE OF ECOB



TIMELINE



OUR SPONSORS



2024-2025 LEADERSHIP

PRESIDENT

Brandy McKinney
Girls, Inc.

VICE PRESIDENT

Brinkley Wood
The University of Alabama

SECRETARY

Tiffany Borden
Alabama Power Company

TREASURER

Michelle Ballew
Christy/Cobb, Inc.

PAST PRESIDENT & DIRECTOR

Jeanne Otts
Retired from Southern Company

FOUNDATION PRESIDENT

Reginald Murchison
Retired from Alabama Power

FOUNDATION TREASURER

Michelle Ballew
Christy/Cobb, Inc.

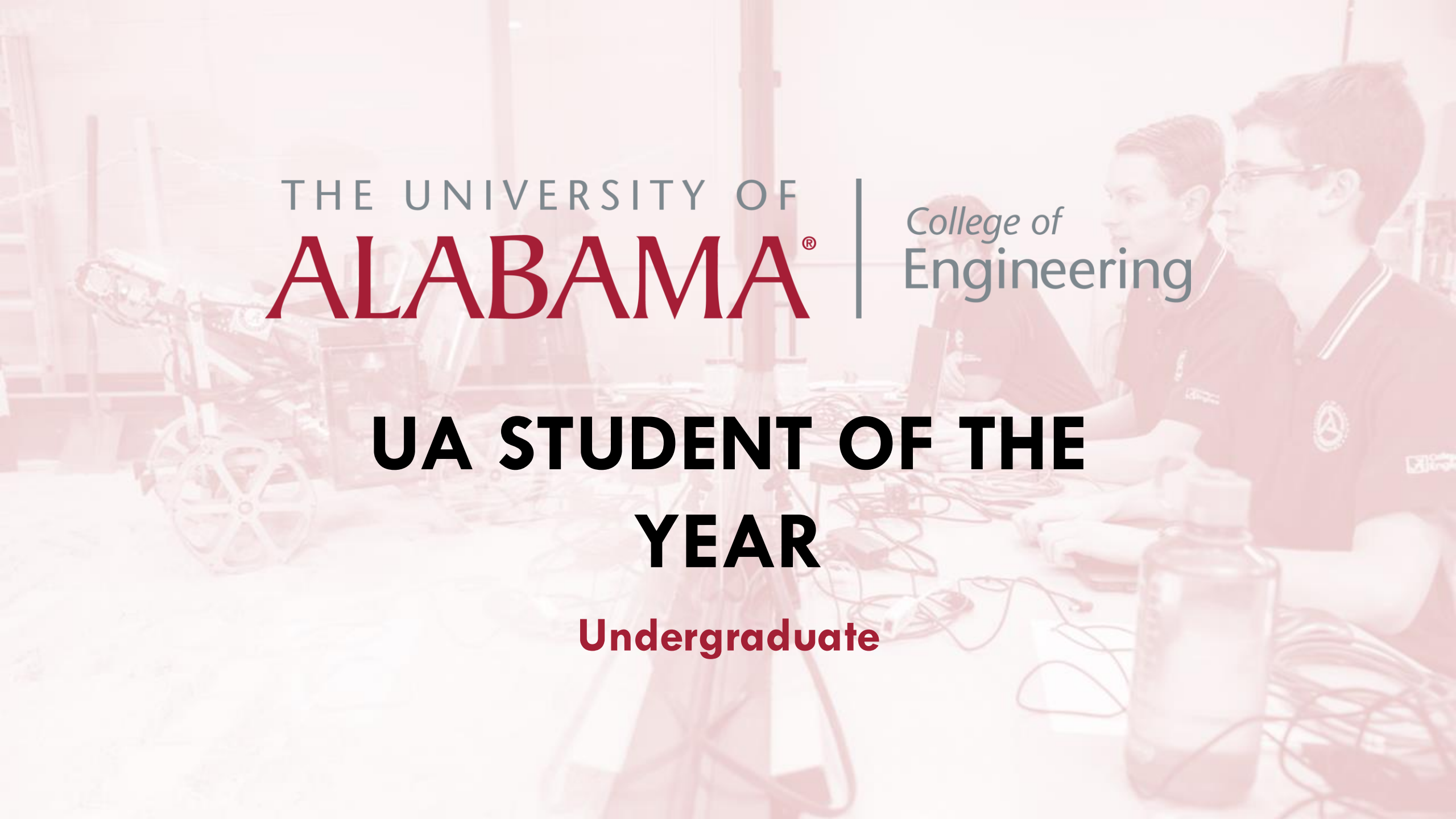
ORDER OF AWARDS

UA and UAB Engineering Student Awards
(Graduate and Undergraduate)

Engineering Council of Birmingham
Scholarship Award Recipients

Engineering Council of Birmingham Awards
(Distinguished Service, Educator of the Year, Young
Engineer of the Year, Engineer of the Year, Leadership)



The background of the entire image is a photograph of three engineering students in a laboratory setting. They are wearing dark blue polo shirts with the University of Alabama logo. They are working at a table with various electronic components, wires, and a laptop. In the foreground, there is a large, clear plastic bottle. To the left, a robotic arm with a gripper is visible. The image has a light red overlay.

THE UNIVERSITY OF
ALABAMA[®]

*College of
Engineering*

UA STUDENT OF THE YEAR

Undergraduate

ARDEN MARKIN

Aerospace Engineering

**MINORS IN COMPUTER SCIENCE AND
MATHEMATICS**

**UNDERGRADUATE RESEARCH ASSISTANT AT
THE REMOTE SENSING CENTER AT UA**

**LEADER IN AEROSPACE HONOR SOCIETY
AND AMERICAN INSTITUTE OF
AERONAUTICS AND ASTRONAUTICS
CHAPTERS AT UA**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

MADISON CARROLL

Architectural Engineering

PRESIDENT OF UA'S SWE

**HEAD AMBASSADOR FOR THE STEM AND
CREATE PATH TO MBA PROGRAMS**

**COMPLETED TWO STUDY ABROAD
PROGRAMS WHILE AT UA**



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

MIA EISENBERG

Chemical & Biological Engineering

**FOUNDING PRESIDENT OF UA'S BETA ALPHA
CHAPTER OF PHI SIGMA RHO SORORITY**

**SERVES AS VICE PRESIDENT OF SWE AND
PRESIDENT OF UNDERGRADUATE STUDENT
COUNCIL OF CHEMICAL AND BIOLOGICAL
ENGINEERING**

**UNDERGRADUATE RESEARCH ASSISTANT
EXPLORING SUSTAINABILITY**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

JO NORFUS

Civil Engineering

**PRESIDENT OF UA'S STUDENT CHAPTER OF
ASSOCIATED BUILDERS AND CONTRACTORS**

**ABC CONSTRUCTION MANAGEMENT
COMPETITION TEAM**

CAREER & CO-OP AMBASSADOR

**COMPLETED A THREE-SEMESTER CO-OP WITH
UA'S CONSTRUCTION ADMINISTRATION**



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

GEORGE DUNLAP

Computer Engineering

**NAVY VETERAN WITH SIX AND A HALF
YEARS AS A TOMAHAWK CRUISE MISSILE
SYSTEM TECHNICIAN AND SOFTWARE TESTER**

RECEIVED THE NAVY ACHIEVEMENT MEDAL

**ADVOCATE FOR NON-TRADITIONAL AND
TRANSFER STUDENTS**

**ASSISTANT SCOUTMASTER FOR SCOUTING
AMERICA (FORMERLY BSA)**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

CINDY QIU

Computer Science

**DUAL MAJOR WITH FINANCE AND MINOR IN
MATHEMATICS**

**KEITH & KERI DONALD IT ENDOWED
SCHOLARSHIP AND COCA-COLA FIRST
GENERATION SCHOLARSHIP RECIPIENT**

**FIRST PLACE IN THE UA INNOVATE
HACKATHON – DATA ANALYTICS**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

MICAH NISHIHIRA

Cyber Security

STEM PATH TO THE MBA TRACK

**VICE CAPTAIN OF UA'S CRIMSON DEFENSE
COMPETITION TEAM**

**VOLUNTEERS WITH UA'S CAPTURE THE FLAG
HIGH SCHOOL COMPETITION**



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

HENRY HERMAN

Electrical Engineering

STEM PATH TO MBA TRACK

VOCATIONAL LIAISON AND BATTSCHOLAR
FOR THE UA BATTERY WORKFORCE
CHALLENGE TEAM

NSF REU AT THE UNIVERSITY OF DELAWARE



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

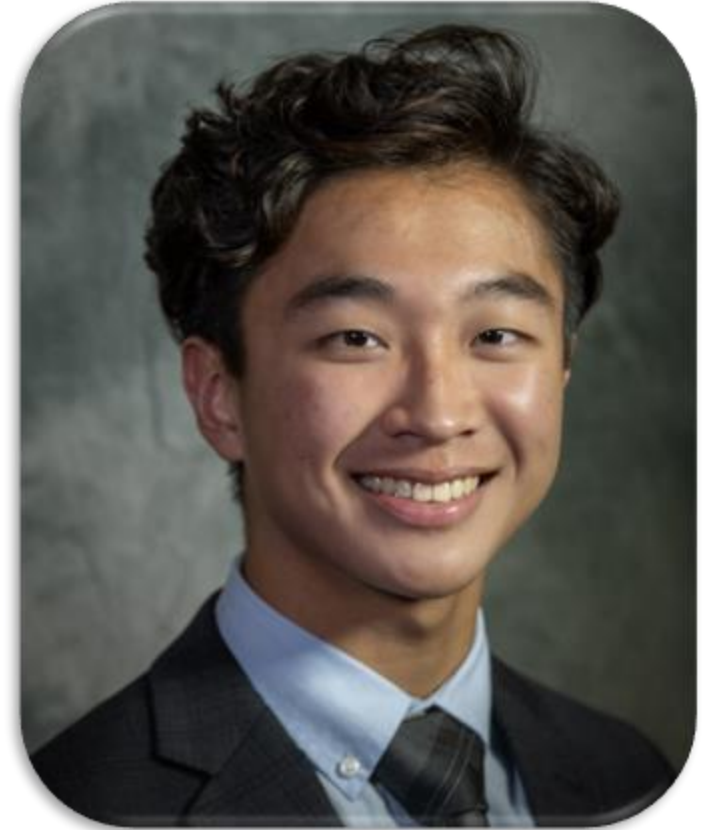
JESSE PARK

Mechanical Engineering

**MEMBER OF UA'S NEW ENGINEERING
ENTREPRENEURSHIP PROGRAM AND STEM
PATH TO MBA TRACK**

**DEVELOPED TWO COMPANIES: SPOTTR AND
ICE READY**

**FOUNDED TIKKUN OLAM MAKERS CLUB AT
UA**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

GIBSON CHENEY

Metallurgical Engineering

CAREER & CO-OP AMBASSADOR

MEMBER OF UA'S CAST IN STEEL TEAM

**COMPLETING A CO-OP WITH NUCOR STEEL
TUSCALOOSA**



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

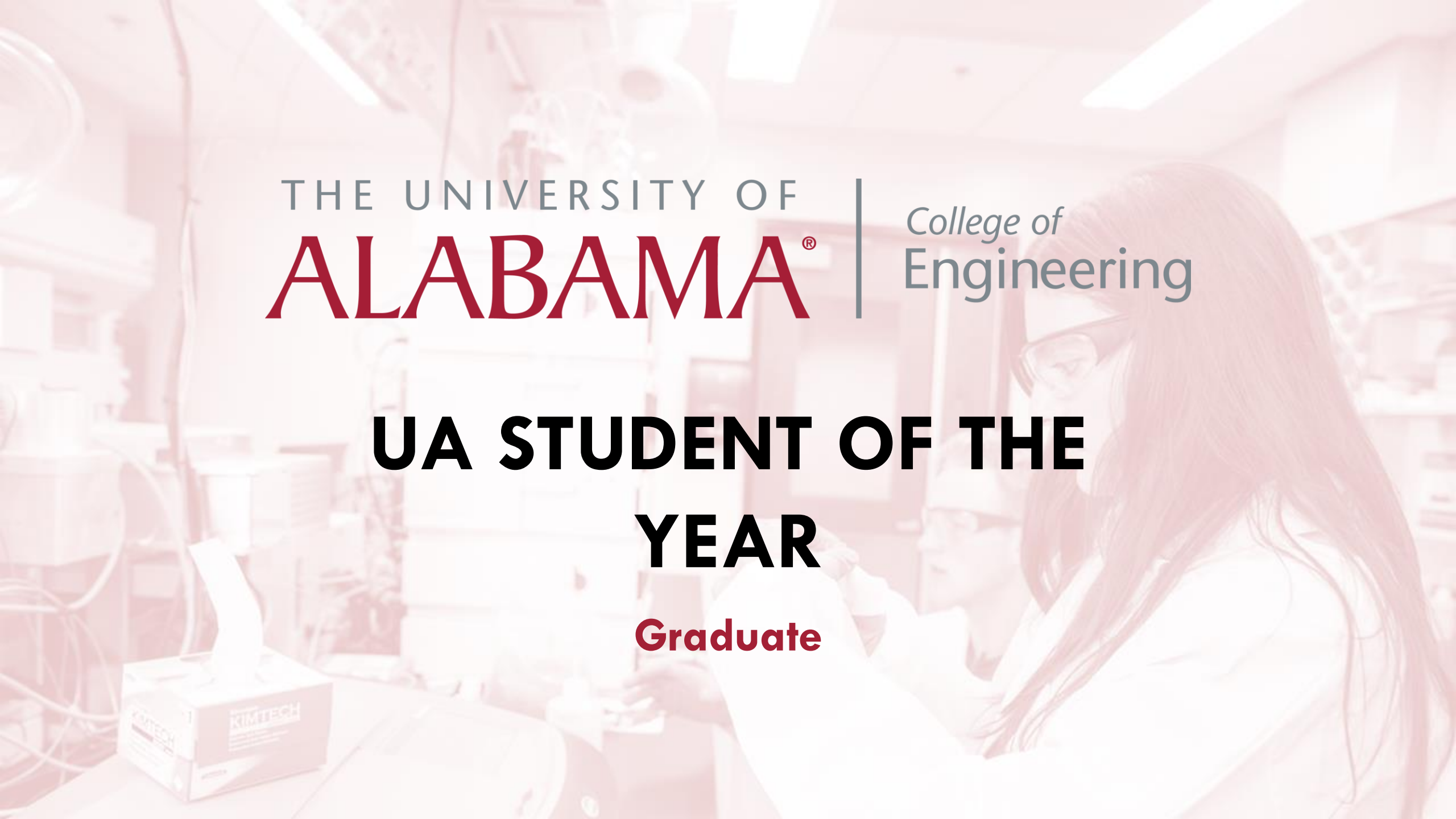
**UA STUDENT OF
THE YEAR OVERALL
UNDERGRADUATE
WINNER**

**George
Dunlap**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

UA STUDENT OF THE YEAR

Graduate

SANKHA SUBHRA ADITYA

Aerospace Engineering

WORKED AT CITICORP AS A SOFTWARE
ENGINEER

SELF-TAUGHT PHYSICS AND AWARDED THE
JUNIOR RESEARCH FELLOWSHIP IN PHYSICAL
SCIENCES (IN INDIA)

PH.D. UNDER DR. SAMIT ROY



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

JOSEPH DANNER

Chemical & Biological Engineering

**PRESIDENT OF UA'S CHEMICAL AND
BIOLOGICAL ENGINEERING GRADUATE
STUDENT COUNCIL**

**ACADEMIC DEVELOPMENT COMMITTEE
CHAIR FOR THE GRADUATE STUDENT
ASSOCIATION**

**RESEARCH IS FOCUSED ON FLAVORING
ADDITIVE TO BE USED AS A SOLVENT**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

TU LUONG

Civil Engineering

**GRADUATE RESEARCH ASSISTANT IN UA'S
LARGE SCALE STRUCTURES LAB**

MENTOR FOR UA'S STEEL BRIDGE TEAM

**UA'S GRADUATE COUNCIL FELLOWSHIP
RECIPIENT**



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

XISHI “ETHAN” ZHU

Computer Science

**AUTHORED NINE PEER-REVIEWED
PUBLICATIONS IN HIGH-IMPACT VENUES,
INCLUDING THE IEEE/ACM INTERNATIONAL
CONFERENCE ON CONNECTED HEALTH**

**FIRST-PLACE STUDENT RESEARCH AWARD AT
THE ICDH CONFERENCE**

**COMPUTER SCIENCE OUTSTANDING
GRADUATE RESEARCH AWARD**



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

AHMAD SHAH FUAD

Electrical Engineering

**MENTOR FOR UA'S BATTERY WORKFORCE
CHALLENGE (BWFC)**

**ACADEMIC AND PROFESSIONAL
DEVELOPMENT COMMITTEE LEAD FOR BWFC**

**GOAL IS TO DEVELOP A TECHNIQUE FOR
MODERN EV CHARGING SYSTEMS**



THE UNIVERSITY OF
ALABAMA[®] | College of
Engineering

KARA ALEXANDER

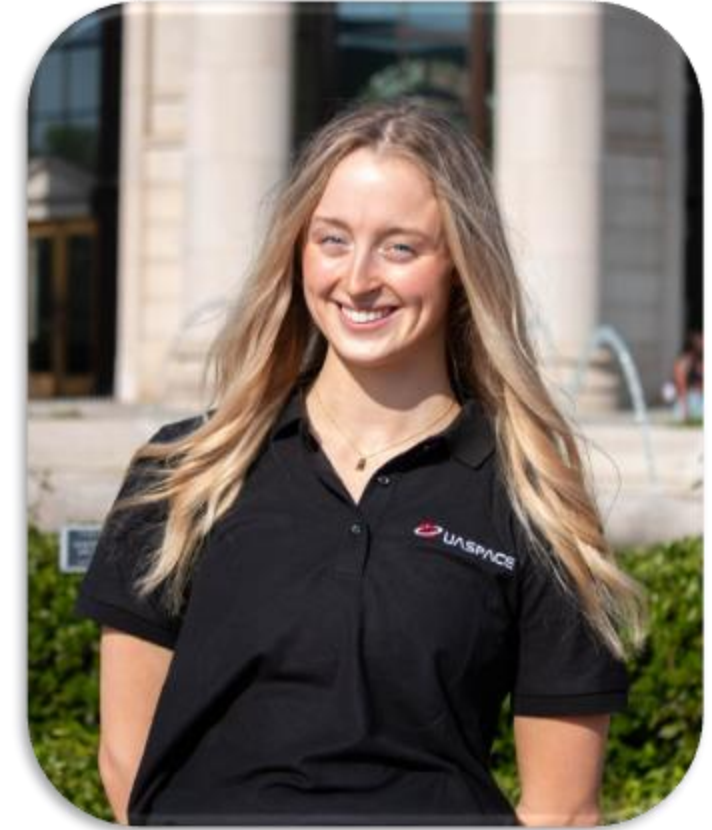
Mechanical Engineering

DUAL MBA AND MASTER'S IN ENGINEERING

PREVIOUS FINANCE LEAD AND BUSINESS
MANAGER FOR FORMULA SAE – CRIMSON
RACING

PROJECT MANAGER FOR UASPACE

GRADUATE ASSISTANT FOR FRESHMAN
ENGINEERING PROGRAM

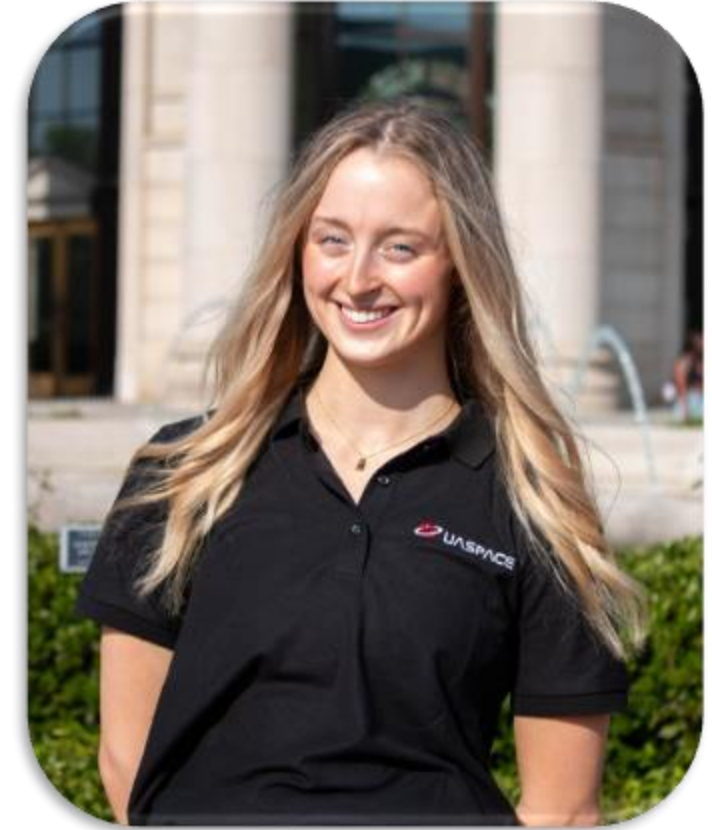


THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

UA STUDENT OF THE YEAR OVERALL GRADUATE WINNER

**Kara
Alexander**



THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

The background of the slide is a faded, reddish-tinted photograph of the University of Alabama campus. In the center background is the iconic Old College Building, also known as the Rotunda, with its large dome and classical columns. The name 'SHELBY HALL' is visible above the entrance. In the foreground, there is a large, circular fountain with water spraying upwards. To the left of the fountain, a few people can be seen walking on a path. The overall scene is a wide-angle shot of a university courtyard.

THE UNIVERSITY OF
ALABAMA[®]

College of
Engineering

Thank you!



UAB THE UNIVERSITY OF
ALABAMA AT BIRMINGHAM.
SCHOOL OF ENGINEERING

Engineering Undergraduate Students of the Year



Georgianna Khong

Biomedical Engineering

4.0 GPA

President's List (7x)

Jack Lemons Endowed BME Scholarship, Dupuis Engineering Scholarship, *Tau Beta Pi* Scholarship.

Outstanding Performance in Biochemistry (2024), Excellence in Organic Chemistry (2023)

Student Lab Assistant in Dr. Palaniappan Sethu's BME Lab at UAB



Devin Jamar Manigault

Civil, Construction, & Environmental Engineering

4.0 Engineering GPA

President's List (5x), Dean's List (2x)

UAB Merit Scholarship

Member, UAB Chapters of ASCE and ACI

Former member, UAB Blazers football team



Jonathan Myers

Electrical & Computer Engineering

4.0 GPA

President's List (7x)

Presidential Merit Scholarship, Jesse Marchant Birt
Memorial Scholarship, Francis J. Dupuis Engineering
Scholarship

Engineering Teaching Assistant

Member, UAB Chapters of IEEE, ASME, and Rocketry Club

Member of Dr. Abdollah Mirbozorgi's e-Biotech Research Lab
at UAB



Ashvi Patel

Engineering Design

3.78 GPA

President's List, Dean's List (4x)

American Cast Iron Pipe Co. Scholarship, UAB Merit
Scholarship

Design Engineer Intern, ShipShape Urban Farms

President, South Asian Organization

Alumni Chair and Multiculture Greek Council Rep
for *Sigma Sigma Rho*



Aliandra Clark

Materials Engineering

3.41 GPA

UAB Merit Scholarship

President, American Foundry Society

Foundry Educational Foundation student

Student worker in UAB's MPAD

Martial arts instructor and community volunteer



Karim Haddad

Mechanical Engineering

3.97 GPA

UAB NAS Ray Watts Endowed Award, Virginia and
Anna Praytor Scholarship, UAB Merit Scholarship

President's List

UAB Athletics tutor, Engineering Ambassador

Co-Chair, UAB Chapter of ASME

NNCI SENIC Research (Georgia Tech), Plasma Physics
Research Intern (UAH)

Researcher, UAB Mechanical Systems Lab



UAB

Undergraduate

Student of the Year

Georgianna Khong
Biomedical Engineering

The background of the slide is a photograph of a city street, likely in Birmingham, Alabama, featuring modern buildings and lush green trees. A semi-transparent green overlay covers the entire image. In the upper left corner, the UAB logo is displayed in white, followed by the university's name and the school of engineering.

UAB THE UNIVERSITY OF
ALABAMA AT BIRMINGHAM.
SCHOOL OF ENGINEERING

Engineering Graduate Students of the Year



Bijay Guragain

Biomedical Engineering

4.0 GPA

Blazer Fellowship, UAB School of Engineering
Innovation Fellowship, T32 Postdoctoral
Fellowship

President, Nepalese Student Association

Senator, UAB Graduate Student Government

Member, UAB Graduate School Academic Integrity
Panel

Member, IEEE and AHA

Researcher in labs of Jianyi Zhang, M.D., Ph.D.,
and Jack Rogers, Ph.D.



Goodnews Amieghemen

Civil, Construction, and Environmental Engineering

4.0 GPA

UAB BlazerBest Graduate Fellowship

Author of five articles published or under review
in peer-reviewed journals

Graduate Research Assistant at UAB's Advanced
Materials and Smart Infrastructure Systems
(AMSIS) Lab

Advisor, UAB African Student Association



Blake Wingard

Electrical & Computer Engineering

4.0 GPA

Founder of SEED, a UAB service-based learning program

IBML Embedded System Engineer

Former member of UAB Rifle Team and current 4H Junior Rifle Coach

2020 ECE Outstanding Undergraduate of the Year



Chandrima Karthik

Materials Science & Engineering

3.5 GPA

NSF/AL-EPSCoR round 19 GRFP Fellowship, Blazer Fellowship

Deep South pilot project student award

First Prize in poster presentation at 2024 Alabama Academy of Science Meeting

Author of 5 journal articles and multiple poster presentations

Graduate Research Assistant in lab of Vinoy Thomas, Ph.D.



Desmond Maximillian Flanagan

Mechanical Engineering

3.66 GPA

Alabama EPSCoR Graduate Research Scholarship
Program (GSRP) fellowship

Intern, Evonik Birmingham Laboratories

Member, AIAA, ASME, and Pi Tau Sigma

Volunteer, UAB Community English Program (CEP)



Madeline Demo

MEng., Advanced Safety Engineering and Management

3.55 GPA

Multiple Leadership Positions, American Industrial Hygiene Association (AIHA), American Society of Safety Professionals (ASSP) and Delta Inst.

Senior EHS Manager, Oldcastle Infrastructure



Travis Krimmel

MEng., Construction Engineering Management

4.0 GPA

Architect, SS&A Design Collective

Alabama National Guard (2012-Present)

Multiple Leadership Positions, AIA Montgomery
Chapter



Steve Wilson

MEng., Structural Engineering

4.0 GPA

Structural Engineer, STL Engineering



Teersa Joy Kramer

MEng, Sustainable Smart Cities

4.0 GPA

Laboratory Manager/worker for Noblis, NASA
Glenn Research Center

Ranger, U.S. Army Corps of Engineers

Business Owner, Girls and a Guitar Formal Staffing

Longtime Magician's Assistant and Dancer



Caila Coyne

Neuroengineering

4.0 GPA

Blazer Graduate Research Fellowship

Innovate Fellow, Bill L. Harbert Institute for Innovation
and Entrepreneurship

Graduate Research Assistant in Dr. Rachel Smith's
Neural Signals Processing and Modeling Lab

VP and Treasurer, UAB Neuroengineering Society

Neuroengineering Curriculum Committee Member



UAB

Graduate

Student of the Year

Caila Coyne
Neuroengineering



Thank you!

An aerial photograph of a city street intersection. The central focus is a large, multi-story building with a light blue, gabled roof. Two prominent spherical domes are visible on the roof's corners. The building is surrounded by other urban structures, including a tall, narrow skyscraper to the right and various smaller commercial buildings. The streets are paved, and some greenery is visible along the sidewalks.

ECOB SCHOLARSHIP RECIPIENTS

AMARI CALDWELL

HIGH SCHOOL:

Jackson Olin High School

UNIVERSITY:

Auburn University

DEGREE:

Mechanical Engineering



CLAYTON WYATT MATTSON

HIGH SCHOOL:

JCIB High School

UNIVERSITY:

Auburn University

DEGREE:

Computer Engineering



MADILYN WILSON

HIGH SCHOOL:

Calera High School

UNIVERSITY:

The University of Alabama

DEGREE:

Civil Engineering





DISTINGUISHED SERVICE AWARD

ZACH LANG

NOMINATED BY: ASHRAE

EDUCATION: B.S. in Mechanical Engineering,
Pensacola Christian College

CURRENT EMPLOYER: Pinnacle Engineering, Inc.

CURRENT POSITION: Partner



MARGARET O. MOORE

NOMINATED BY: ISA

EDUCATION: B.S. in Mechanical Engineering, The University of Alabama

CURRENT EMPLOYER: W. G. Yates Engineering, LLC

CURRENT POSITION: Lead Instrumentation and Controls Engineer



NATHAN REAMEY

NOMINATED BY: The University of Alabama
Capstone Engineering Society

EDUCATION: B.S. in Industrial Engineering & MBA,
The University of Alabama

CURRENT EMPLOYER: Vulcan Painters, Inc.

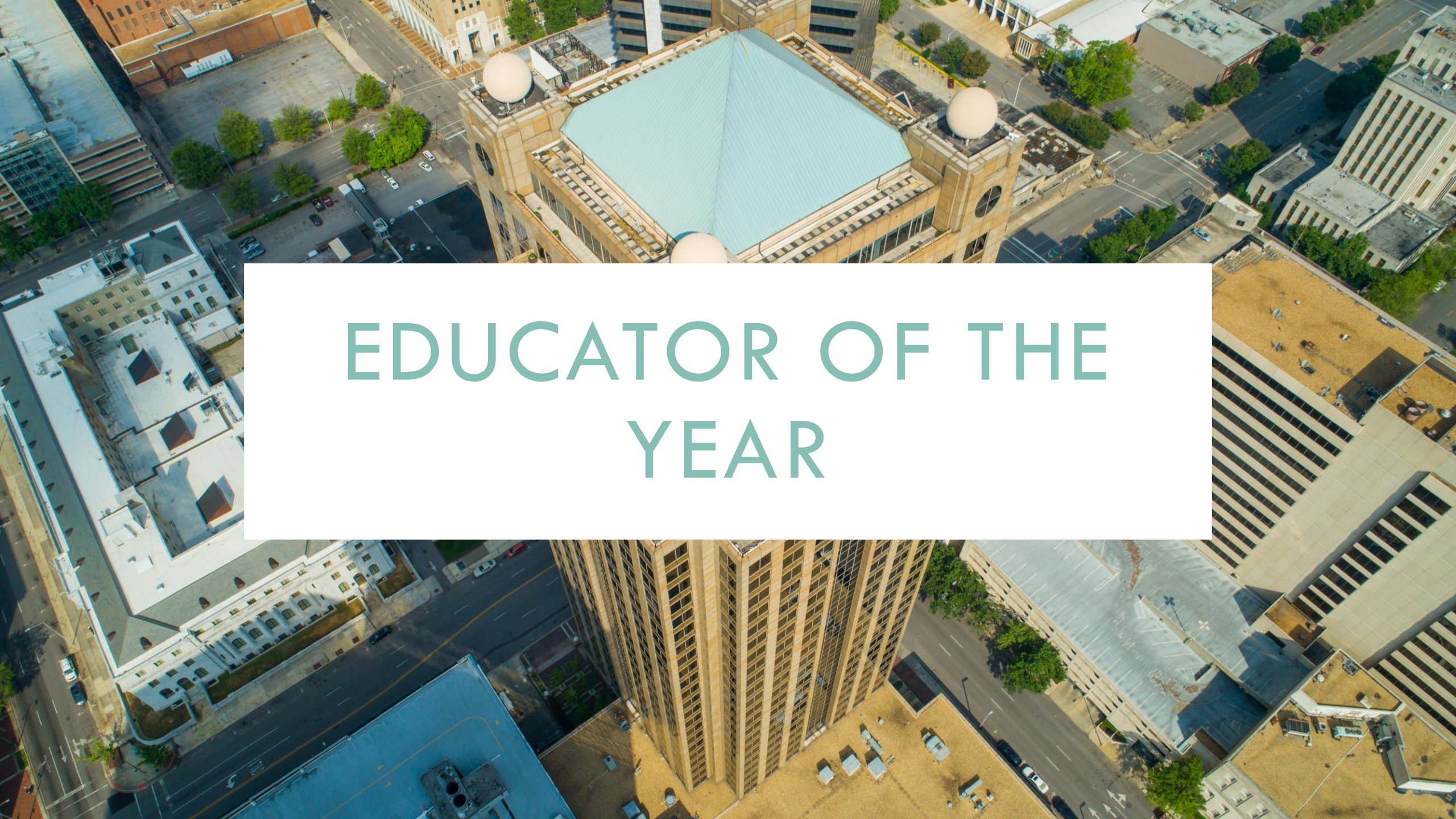
CURRENT POSITION: Chief Operating Officer and
Co-Owner



DISTINGUISHED SERVICE AWARD



Margaret O.
Moore

An aerial photograph of a city street intersection. The central focus is a large, multi-story building with a prominent light blue, gabled roof. Two large, white, spherical rooftop structures are visible on the building's corners. The surrounding area includes various other buildings, streets with cars, and patches of greenery. A white rectangular box is overlaid on the center of the image, containing the text "EDUCATOR OF THE YEAR" in a teal, sans-serif font.

EDUCATOR OF THE YEAR

DR. PAUL PUZINAUSKAS

NOMINATED BY: The University of Alabama
Capstone Engineering Society

EDUCATION: B.S. in Mechanical Engineering, The
University of Maryland; M.S. & Ph.D. in
Mechanical Engineering, The University of
Michigan

CURRENT EMPLOYER: The University of Alabama

CURRENT POSITION: Associate Professor



EDUCATOR OF THE YEAR



Dr. Paul
Puzinauskas

An aerial photograph of a city street intersection. The central focus is a large, multi-story building with a prominent light blue, gabled roof. Two large, white, spherical rooftop structures are visible on the building's corners. The surrounding area includes various other buildings, streets with cars, and patches of greenery. A white rectangular box is overlaid on the center of the image, containing the text "YOUNG ENGINEER OF THE YEAR" in a teal, sans-serif font.

YOUNG ENGINEER OF THE YEAR

JOSHUA BILLINGSLEY

NOMINATED BY: ISA

EDUCATION: B.S. in Mechanical Engineering,
Mississippi State University

CURRENT EMPLOYER: BBP Sales

CURRENT POSITION: Account Manager



WILL BLACKBURN

NOMINATED BY: The University of Alabama
Capstone Engineering Society

EDUCATION: B.S. in Computer Science, The
University of Alabama

CURRENT EMPLOYER: NXTsoft

CURRENT POSITION: Co-Founder



SARA HANSON

NOMINATED BY: ASHRAE

EDUCATION: B.S. in Chemical Engineering, Auburn University

CURRENT EMPLOYER: Trane Technologies

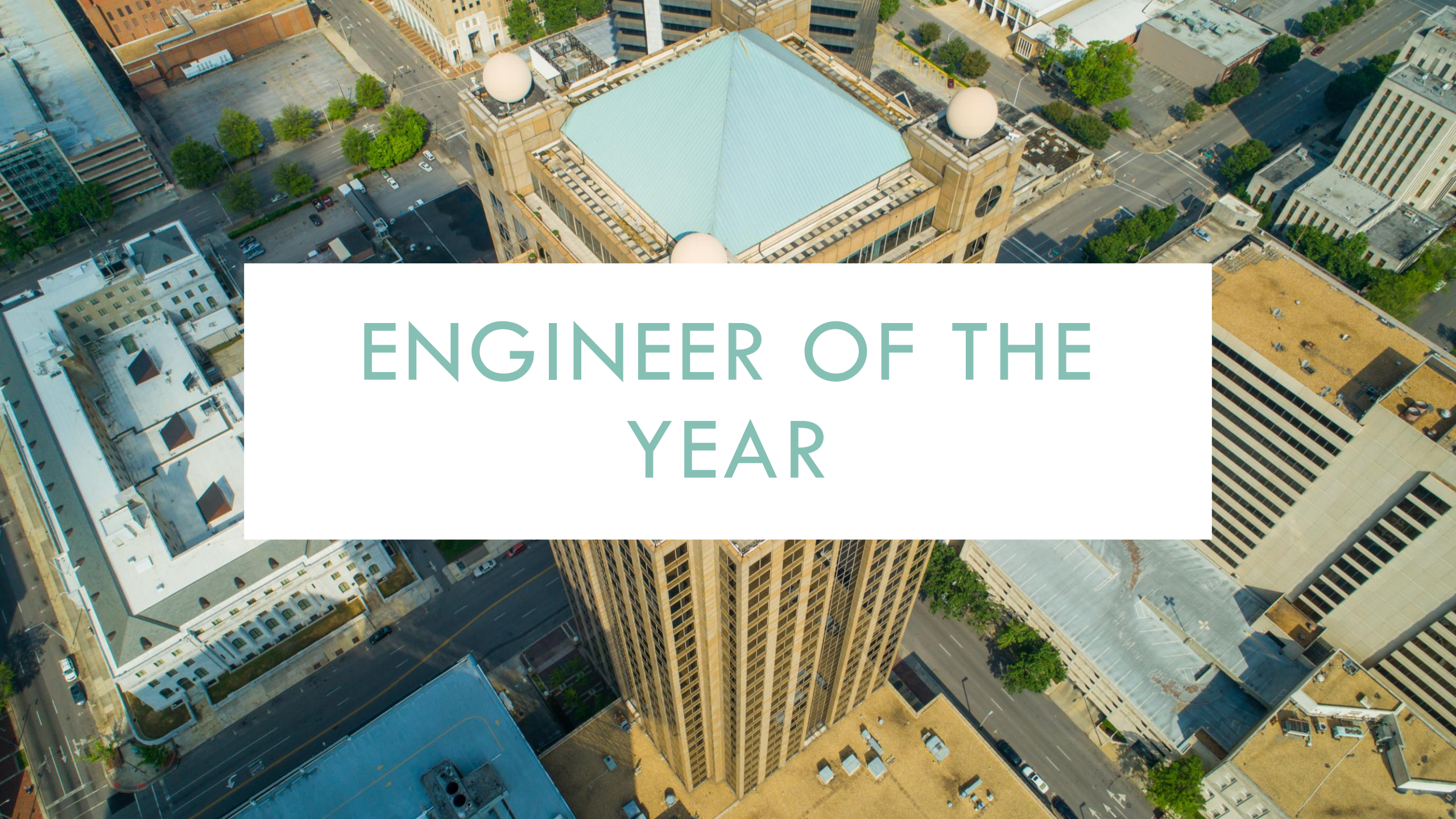
CURRENT POSITION: Strategic Products Sales Leader, North America



YOUNG ENGINEER OF THE YEAR



Will Blackburn

An aerial photograph of a city street intersection. The central focus is a large, multi-story building with a prominent light blue, gabled roof. This building has two spherical domes on its corners. Surrounding it are various other urban structures, including parking lots, smaller commercial buildings, and streets with some greenery. The scene is captured from a high angle, looking down on the city.

ENGINEER OF THE YEAR

JARED DAVID DEERMAN

NOMINATED BY: ASHRAE

EDUCATION: B.S. in Mechanical Engineering,
Auburn University

CURRENT EMPLOYER: Bernhard

CURRENT POSITION: Project Manager



JOHN DAVID PUGH

NOMINATED BY: The University of Alabama
Capstone Engineering Society

EDUCATION: B.S. in Civil Engineering, The
University of Alabama; J.D., Vanderbilt University

CURRENT EMPLOYER: Bradley Arant Boult
Cummings, LLP

CURRENT POSITION: Partner



STEPHEN K. REAVES

NOMINATED BY: ISA

EDUCATION: B.S. in Electrical Engineering, Auburn University

CURRENT EMPLOYER: Southern Company, National Carbon Capture Center

CURRENT POSITION: Engineering Supervisor



ENGINEER OF THE YEAR



Jared David
Deerman

KEYNOTE SPEAKER



Dr. Jeffrey Holmes

Dean, Engineering | The University of Alabama at
Birmingham

LEADERSHIP AWARD



Dr. Jeffrey
Holmes

Dean, Engineering | The University of Alabama at
Birmingham

SPECIAL THANKS

The Engineering Council of Birmingham is especially grateful to those who supported ECOB this past year and for your participation in helping make tonight's program a success.

Our sincere thanks to the many organizations and individuals for their donations and in-kind services.

