



————— *Class of 2023* —————

# CONVOCAATION

10 AM | SATURDAY, DECEMBER 16  
T. HOWARD McCASLAND FIELD HOUSE  
NORMAN, OKLAHOMA

# Gallogly College of Engineering

## CONVOCATION PROGRAM

Processional

Welcome Randa Shehab, Senior Associate Dean

Land Acknowledgment Necole Begay, Senior, **Mechanical Engineering**

Presentation and Remarks John Klier, Dean

Presentation of the Class of 2023 John Klier, Dean

Randa Shehab, Senior Associate Dean

Zahed Siddique, Associate Dean

Sridhar Radhakrishnan, Interim Associate Dean

Annette Moran, Assistant Dean

Kumar Parthasarathy, Director

**School of Aerospace and Mechanical Engineering**

Rebecca Scott, Assistant Professor

**Stephenson School of Biomedical Engineering**

Randall Kolar, Director

**School of Civil Engineering and Environmental Science**

Dean Hougen, Interim Director

**School of Computer Science**

Charles Nicholson, Director

**Data Science and Analytics Program**

J.R. Cruz, Director

**School of Electrical and Computer Engineering**

Michael Santos, Chair

**Engineering Physics Program**

Shivakumar Raman, Director

**School of Industrial and Systems Engineering**

Dimitrios Papavassiliou, Director

**School of Sustainable Chemical, Biological, and Materials Engineering**

Presentation of Graduates Doyle Dodd, Assistant Professor

**School of Industrial and Systems Engineering**

OU Chant Paola Grella, Senior, **Biomedical Engineering**

Closing John Klier, Dean

Recessional *We ask that guests remain seated until all graduates have completed the recessional*

**BANNER CARRIERS**  
**Gallogly College of Engineering**  
Ellie Thurston  
*Mechanical Engineering BS*

**Graduate College**  
Henry Mbogu  
*Data Science and Analytics PhD*

**School of Aerospace and Mechanical Engineering**  
Jerson Sanchez  
*Mechanical Engineering MS*

**Stephenson School of Biomedical Engineering**  
Deaveyan Beltran-Hodge  
*Biomedical Engineering BS*

**School of Civil Engineering and Environmental Science**  
Michelle Basham  
*Civil Engineering PhD*

**School of Computer Science**  
Averi Bates  
*Computer Science Accelerated BS*

**Data Science and Analytics**  
Alexandra Beattie  
*Data Science and Analytics PhD*

**School of Electrical and Computer Engineering**  
Justus Sommer  
*Computer Engineering BS*

**Engineering Physics Program**  
Sadie Priddy  
*Engineering Physics BS*

**School of Industrial and Systems Engineering**  
Alex Uribe  
*Industrial and Systems Engineering MS*

**School of Sustainable Chemical, Biological and Materials Engineering**  
Ana Caroline Roncoli Jerdy  
*Chemical Engineering PhD*

# THE GOALS AND ASPIRATIONS

of the Gallogly College of Engineering are most clearly represented in the accomplishments of our more than 27,000 graduates who have earned technical recognition and leadership positions in public and private enterprises throughout Oklahoma and the world.

## Honors Distinction

This is the most prestigious undergraduate degree designation at the University. These students completed both the requirements within their chosen major and the requirements of the Honors College. Students graduating from the Honors College may be identified by the crimson satin bachelor hood. The distinctions are as follows:

Cum Laude (With Honors)  
Magna Cum Laude (With High Honors)  
Summa Cum Laude (With Highest Honors)

## Academic Distinction

The University is equally proud of undergraduate students who excel academically. Their performance is recognized by the University and the College by graduating with Academic Distinction. They may be identified by the wearing of the gold satin bachelor hood.

With Distinction GPA (\*) 3.60-3.89  
With Special Distinction GPA (\*\*) 3.90-4.00

## Special Honors

These students have distinguished themselves by maintaining a straight "A" grade-point average throughout their undergraduate careers. They may be identified today by the wearing of a bronze medallion.

# Gallogly College of Engineering

## FALL 2023 GRADUATES

### Aerospace and Mechanical Engineering

#### BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Jeremie Dimouti Zachary Harris  
Christopher Haggard Thomas McGee\*\*

#### MASTER OF SCIENCE IN AEROSPACE ENGINEERING

Zachary Bennett Rodrigo Gomez Juarez

#### BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Hana Chin Daniel Nino Jessen Pratt  
John Grizzle Jacob Powell Elizabeth Thurston\*\*

#### BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING: PRE-MED

Camil Gosmanov\*\*

#### MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Alfredo Hernandez Mohammed Ameer Jerson Sanchez  
Brandon Mansur Moinuddin Ansari Jordan Tupper  
Camilo Mateus Rubiano Laura Osorio Ojeda

#### DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING

Lateef Jolaoso

### Biomedical Engineering

#### BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING

Deaveyan Beltran-Hodge Jessica Lam Thomas Nguyen

#### MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING ACCELERATED PROGRAM

Emmy Francek

#### DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

Meredith Jones David NedreLOW  
William MacCuaig Vinit Sheth

### Civil Engineering and Environmental Science

#### BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING

Aidan Espinosa Sage Peyton Bruno Siri\*  
Zachary Murphy Dylan Shook

#### BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Peyton Baugh Ivan Meza Dushimimana Sekarambi

#### MASTER OF SCIENCE IN CIVIL ENGINEERING

Sebastian Ferraro Fariha Nazneen Rista  
Daivy Mantilla Prada Jorge Vargas Ceja

#### MASTER OF SCIENCE IN CIVIL ENGINEERING ACCELERATED PROGRAM

Cody Black Jackson Milner  
Javier Chaves Camargo Omar Yadak  
Alexandra Liever

**MASTER OF SCIENCE IN CIVIL ENGINEERING ONLINE**

Kevin Bingham	Jan Diese	Abimael Portillo
Samuel Brandt	Keven Haley	Etta Pulce
Thomas Costello	Joshua Hutchinson	Ron Teal
Katelyn Desmarais	Michael Musacchio	Kierra Wiggins

**DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING**

Tareq Abuawad	Jacob Choate
Michelle Basham	Lujun Zhang

**BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING**

Abdallah Al Balushi	Kylie Martin
---------------------	--------------

**MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING**

Sarah Harrison	Travis Montgomery	Olivia Overton
----------------	-------------------	----------------

**BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE**

Ariel Gillen

**MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE**

Alissa Meek

**DOCTORATE OF SCIENCE IN ENVIRONMENTAL SCIENCE**

Laura Labriola	Daniel Mesheske	Devon Woods
----------------	-----------------	-------------

**MASTER OF SCIENCE IN HYDROLOGY AND WATER SECURITY ONLINE**

Jocelyn Carter	Karen Silva	Stephen Warren
Angel Enriquez	Rachel Sovey	Stacy Zeigler
Alan Jackson	Brian Teaney	Trevor DeLaere
Rosaria Latorre	Darina Vassileva	

## Computer Science

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

Muayad Al Mamari	Maria Doan**	Sean Nguyen
Tristan Alvey	Allison Guzzardo	Thomas Nguyen*
Jacob Baber	David Hadden	Tina Nguyen* Karan
Samuel Bird*	Wahidullah Haidari	Peo*
Stephen Burris*	Elizabeth Jamie	Tuncer Schmidt**
Christopher Chow	Camron Jones	Trevor Scogin
Cade Cofer	Rebekah Lee	Stephen Song*
Jaereth Crider	Shiyuan Liu	Leonardo To
Mark Cunningham	Eli Martin	Eric Truong**
Clayton Curry	Austin Moon	Weston Winkeljohn*
Josiah Dadulo**	Louis Abe Mujang	Aiden Witt
Hunter Devoe	Louis Abe Mujang	
Minh Dinh	An Nguyen**	

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE ACCELERATED PROGRAM**

Averi Bates*	Alex Hunt*	Kevin Tran*
Cameron Campbell	Brandon Michaud**	Koy Wilson**
Charles Cornelison*	Doanh Nguyen	

**MASTER OF SCIENCE IN COMPUTER SCIENCE**

Meghana Alaparthi	Sinaro Ly	Divya Sai Pinnamaneni
Chandra Likhitha Chopparapu	Sai Siddhardha Maguluri	Deepti Rao
Gnaneswar Kolla	Venkat Narra	Jonathan Smith

**MASTER OF SCIENCE IN COMPUTER SCIENCE ACCELERATED PROGRAM**

Mohammad Raja	Haven Smith	Kevin Tran
---------------	-------------	------------

## **MASTER OF SCIENCE IN COMPUTER SCIENCE ONLINE**

Mary Hahnert

Shane Skowron

Christopher Womack

## **DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE**

Khaled Mohammed Attia

Somayah Karsoum

Elsayed Abdelaal

Sai Kiran Reddy Maryada

## **Data Science and Analytics**

### **MASTER OF SCIENCE IN DATA SCIENCE AND ANALYTICS**

Amina Asghar

Zackery Herman

Kaustubh Shrirang Pande

Eduardo Cerqueira

Mary Hoover

Nipu Quayum

Mandy Chan

Bhavya Reddy Kanuganti

Raj Saha

Maitrik Das

Miguel Mbingo

Jacob Sturges

Catherine Donner

Luke McDougal

Vamsi Thokala

Thomas Doudican

Kovida Mothukuri

Christopher Ferguson

Oluwatobiloba Oyebanji

### **MASTER OF SCIENCE IN DATA SCIENCE AND ANALYTICS ONLINE**

Prashant Dwivedi

Abdelwahab Makhoul

Jasmin Wilson

Zachary Knepp

Jennifer Vance

### **DOCTOR OF PHILOSOPHY IN DATA SCIENCE AND ANALYTICS**

Alexandra Beattie

Elaheh Jafarigol

Henry Mbogo

## **Electrical and Computer Engineering**

### **BACHELOR OF SCIENCE IN COMPUTER ENGINEERING**

Jesus Camarena

Jimmy Ma

Joshua Philip

Angelina Fox

Trevor Maxwell\*\*

Justus Sommer\*\*

Ismael Gomez - Melgarejo

Troy Miller\*

Ethan Vasquez

Anthony Hairston

Kevin Nguyen

### **MASTER OF SCIENCE IN COMPUTER ENGINEERING ACCELERATED PROGRAM**

John Hendry

Roman Munoz

Douglas Tumilty

Lance Kennedy

Makya Stell

### **MASTER OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING**

Tracy Baxter

Caleb Munnell

Linh Nguyen

Emily King

Christian Nguyen

### **BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING ACCELERATED PROGRAM**

Benjamin Bryant\*

Zachary Sasser

Cody Kieu\*\*

William Van Houten

### **MASTER OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING ACCELERATED PROGRAM**

Zachary Barton

Christopher Hart

Amilton Pensamento

Bradlee Harrison

Michael Ortiz-Cheek

### **DOCTOR OF PHILOSOPHY IN ELECTRICAL AND COMPUTER ENGINEERING**

Precious Jatau

Javier Lujan

Shams Mohd Shahadat

Syed Jehangir

Usama Masood

John Junger

Alexander Moreno

### **BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING**

Ethan Abraham

Quentan Baker

Ethan Brown

Diego Arredondo

Weston Blair

Grant Crooms

Cristian Avalos Ibarra\*

Adam Brand

Eric Do

Brandon Doan  
Griffin Domgard  
Alexander Gray  
Raul Hernandez  
Asher Hoselton  
Cody Kieu\*\*  
Jacob Kim  
Thompson Lajuwomi  
Betty Limas  
Blake Loeliger

Devyn Lutz  
Kendrick Ly  
Jonathan Mendez  
Ged Miller  
Ryan Mitchell\*  
Alexis Moncayo Pando  
DangMinh Nguyen  
Henry Nguyen  
Joseph Nguyen  
Daniel Nichols\*

Danny Pham  
Pete Pike\*  
Taydin Posey  
Erick Saenz Ortega\*  
Emery Shannon  
Collin Smith\*  
Darrell Smith  
Van Truong\*  
Jacob Weeks  
Firaol Wolabu

## Engineering Physics

### **BACHELOR OF SCIENCE IN ENGINEERING PHYSICS**

Evan Blosser

Harrison Fairchild

Sadie Priddy

## Industrial and Systems Engineering

### **BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING**

Antonio Pedro Acioli  
Goncalves  
Mahdi Alabdulaal  
Alberto Alonso  
Cesar Gracia Salgado  
Carter Jarvis

Robert Mareburger\*  
Zayne McLaughlin  
Kristine Quang  
Jorge Ramirez  
Charlie Reuss  
Anny Tchindje

Nathan Texada  
Teagan Volkl  
Dung Vu  
Peter Wilburn

### **BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING ACCELERATED PROGRAM**

Trinity Suba

### **MASTER OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING ACCELERATED PROGRAM**

Carlos Hernandez

Alex Uribe

### **MASTER OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING**

Ravi Shankar Gunturi

Sara Hajihashemi

Joseph Peshehonoff

### **MASTER OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING ONLINE**

Akadiri Achimi

Jeremy Schnorrenberg

Robert Henshaw

Jonathan Stewart

### **DOCTOR OF PHILOSOPHY IN INDUSTRIAL AND SYSTEMS ENGINEERING**

Jorge Duarte Garcia

## Sustainable Chemical, Biological and Materials Engineering

### **BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING**

Marylyne Njenga

### **MASTER OF SCIENCE IN CHEMICAL ENGINEERING**

Erich Metzger

### **DOCTOR OF PHILOSOPHY IN CHEMICAL ENGINEERING**

Ana Carolina Roncoli Jerdy

### **MASTER OF SCIENCE IN CHEMICAL ENGINEERING ACCELERATED PROGRAM**

Michael Koegeboehn



Fall 2023  
**DOCTORAL DISSERTATIONS**

Using Physicochemical Properties Within a Discrete Element Modeling Framework and Fractal Geometry Theory to Understand Behavior of Unsaturated Expansive Clays

Michelle Basham, *Civil Engineering*

Sensitive Attribute Association Bias in Latent Factor Recommendation Algorithms: Theory and in Practice

Alexandra Beattie, *Data Science and Analytics*

Machine Learning for Impact-based Flash Flood Warnings: Hazard Report Operationalization for Impact Predictions

Jorge Duarte Garcia, *Industrial and Systems Engineering*

Integrated Protonic Ceramic Electrochemical Cell for Sustainable Energy Economy Using Water-Energy Nexus Framework

Lateef Jolaoso, *Mechanical Engineering*

Using Singlecore and Multicore CPUs for Discovering Timed Sequential Patterns from Static and Dynamic Timed Sequence Databases

Somayah Karsoum, *Computer Science*

Development of Contrast Agents for Optoacoustic Imaging

William MacCuaig, *Biomedical Engineering*

Artificial Intelligence-based Network Modeling for enabling Zero Touch Automation in Next Generation Cellular Networks

Usama Masood, *Electrical and computer Engineering*

Improving Outcomes in Machine Learning and Data-Driven Systems Using Structural Causal Models

Henry Mbogu, *Data Science and Analytics*

Establishing Three-Dimensional Super-Resolution Microscopy Methods For Quantifying Intracellular Nanoparticle Distribution

Vinit Sheth, *Biomedical Engineering*

Integrated Hydrologic Validation of Satellite Precipitation over the United States

Devon Woods, *Environmental Science*



## THE GALLOGLY COLLEGE CREST

Today's graduates are receiving the Gallogly College of Engineering crest lapel pins. Each symbol on the crest helps to tell the story of the College's rich history at the University of Oklahoma. Graduates join in with generations of Gallogly College alumni who wear their pin with pride.



According to legend, St. Patrick performed the world's greatest engineering feat by creating a machine to drive snakes out of Ireland. St. Pat is the unofficial mascot of the Gallogly College of Engineering and the patron saint of the engineering profession. Images of shamrocks can be found across engineering buildings in his honor.



Finished in 1925, Felgar Hall was the first purpose-built engineering education building in Oklahoma. Forever a memorial to the Gallogly College's rich history within the state, today Felgar Hall houses the School of Aerospace and Mechanical Engineering and Williams Student Services Center.



Gallogly Hall, home to the College's award-winning Diversity and Inclusion Program and the Stephenson School of Biomedical Engineering, opened its doors in the fall of 2019. This 78,000 sq. ft. addition to the engineering quad provides students and researchers with the latest in office and tutoring spaces, and equips our researchers with cutting-edge laboratories.



The cannon represents the Loyal Knights of Old Trusty, a society organized in 1920 by a group of World War I veteran engineering students whose aim was to provide service and maintain the traditions, spirit and values of the College and the University. LKOT signs can be found at entrances to most engineering buildings.

## OU CHANT

O-K-L-A-H-O-M-A

Our chant rolls on and on!

Thousands strong join heart and song

In alma mater's praise

Of campus beautiful by day and night

Of colors proudly gleaming

Red and White,

'Neath a western sky

OU's chant will never die

Live on University!

University of Oklahoma Gallogly College of Engineering  
202 West Boyd St., Rm. 107 | Norman, OK 73019-1027  
[www.ou.edu/coe](http://www.ou.edu/coe)

The University of Oklahoma is an equal opportunity institution. [www.ou.edu/eoo](http://www.ou.edu/eoo)