

————— Class of 2022 —————

CONVOCAATION

1:30 PM | SATURDAY, DECEMBER 17
T. HOWARD McCASLAND FIELD HOUSE
NORMAN, OKLAHOMA

Gallogly College of Engineering

CONVOCATION PROGRAM

Processional	
Welcome	Randa Shehab, Senior Associate Dean
Land Acknowledgement	Zachary Muller, Senior, <i>Computer Science</i>
Presentation and Remarks	John Klier, Dean
Presentation of the Class of 2022	John Klier, Dean Randa Shehab, Senior Associate Dean Zahed Siddique, Associate Dean Kumar Parthasarathy, Director <i>School of Aerospace and Mechanical Engineering</i> Michael Detamore, Director <i>Stephenson School of Biomedical Engineering</i> Dimitrios Papavassiliou, Director <i>School of Chemical, Biological, and Materials Engineering</i> Randall Kolar, Director <i>School of Civil Engineering and Environmental Science</i> Dean Hougen, Interim Director <i>School of Computer Science</i> J.R. Cruz, Director <i>School of Electric and Computer Engineering</i> Michael Santos, Chair <i>Engineering Physics Program</i> Shivakumar Raman, Director <i>School of Industrial and Systems Engineering</i>
Presentation of Graduates	Doyle Dodd, Assistant Professor <i>School of Industrial and Systems Engineering</i>
OU Chant	Himadri Sen Gupta, Doctoral Student <i>School of Industrial and Systems Engineering</i>
Closing	Randa Shehab, Senior Associate Dean
Recessional	<i>We ask that guests remain seated until all graduates have completed the recessional</i>

BANNER CARRIERS

Gallogly College of Engineering

Natalie Berryman

Biomedical Engineering BS

Graduate College

Monique Shotande

Computer Science PhD

School of Aerospace and Mechanical Engineering

Nick Castle

Mechanical Engineering Accelerated MS

Stephenson School of Biomedical Engineering

Andy Keddissi

Biomedical Engineering BS

School of Chemical, Biological and Materials Engineering

Gabriela Nogueira Furtado e Faria

Chemical Engineering PhD

School of Civil Engineering and Environmental Science

Nydia Lampkin

Environmental Engineering BS

School of Computer Science

Anjali Tippana

Computer Science MS

Data Science and Analytics

Clare Axthelm

Data Science and Analytics MS

School of Electrical and Computer Engineering

Brad Hundl

Computer Engineering BS

Engineering Physics Program

Rachel Penner

Engineering Physics BS

School of Industrial and Systems Engineering

Katie McCarthy

Industrial and Systems Engineering BS

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 (*) 3.40-3.69
With Special Distinction GPA (**) 3.70-4.00

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 2022 GRADUATES

Aerospace and Mechanical Engineering

BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Hunter Camp

Christopher Mullen

*Alexander Martinez

*Justin Wilson

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Andreas Bucher-Jones

Kyle Johnston

Matheen Moghbel

**Nicholas Castle

Will Knox

Jungmok Shin

John Grizzle

Blake Lackey

*Sawyer Spurgin

Ifeanyi Ijioma

Michelle Le

MASTER OF SCIENCE IN AEROSPACE ENGINEERING

Caleb Bender

Logan Bulloch

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Dawaylon Barnes

Adam Flenniken

Luke Whitney

DeCarlo Brewer

Brandon Mansur

Luyao Xie

DOCTOR OF PHILOSOPHY IN AEROSPACE ENGINEERING

Aseem Nevrekar

DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING

Gnana Subramaniam

Biomedical Engineering

BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING

*Natalie Berryman

*Andrew Keddissi

Kimberly Tran

DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

Gokhan Gunay

Seren Hamsici

Alexis Woodward

Chemical, Biological and Materials Engineering

BACHELOR OF SCIENCE IN CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING

Marcopolo De Leon

William Matthews

Carol Pemosso

Anh Hoang

Marylyne Njenga

MASTER OF SCIENCE IN CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING

Michael Koegeboehn

Erich Metzger

DOCTOR OF PHILOSOPHY IN CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING

Brandon Abbott

Han Chau

Gabriela Nogueira Furtado e Faria

Civil Engineering and Environmental Science

BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING

Lillian Bryant
Wesley Harris

*Brian Liberton
Felipe Piedra Galindo

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

*Andrew Finley
Abigael Izu
Griffin Lane

*Gia Bao Le
Kennedy Morton
Grant Newberry

*Madison Oliver
Luis Peralta

BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Paige Hardman

Nydia Lampkin

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE

Julian Mougell

MASTER OF SCIENCE IN CIVIL ENGINEERING

Jeremiah Boldes

Paul Fernando Cancino Arevalo

Jorge Vargas Ceja

MASTER OF SCIENCE IN CIVIL ENGINEERING

Gabriel Banuelos

Maria Junsay

Wayne Schoonover

Christopher Cornelissen

Alex Lulias

Joshua Stott

John Dittmann

Clemente Mena

Zachary Tiry

Betsy Flores

Daniel Murphy

Duy Tran

Abdirahman Haibe

Mustafa Ali Nehaid

MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Alexander Peta

MASTER OF ENVIRONMENTAL SCIENCE

David Wilcox

MASTER OF ENVIRONMENTAL SCIENCE – HYDROLOGY AND WATER SECURITY

Iris Diaz Olmo

Ross Petersen

Alan Strick

Paul Pagos

Caitlin Shannon

Jennifer Wicker

DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING

Tareq Abuawad

Matias Mendez Larrain

Stephen Roswurm

DOCTOR OF PHILOSOPHY IN ENVIRONMENTAL SCIENCE

Laura Labriola

Computer Science

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Al-Khalil Al-Battashi	**Tyson Harris	Kiley Peters
Alexander Azpeitia	Ezekiel House	**Nathan Preuss
*Austin Boydston	**Sarah Hudson	Clark Smith
**Parker Brandt	Camron Jones	Haven Smith
*Cameron Bristol	**Addie Kammerlocher	*Shih Han Sun
Jonathan Buckhout	*Treenawat Manomairat	Leonardo To
Ricardo Cortes	Louis Abe Muiang	*Cheryl Villator
Hunter Darr	*Dzuy Nguyen	*Bao Vo
Rebecca Draviam	Bach Nguyen-Ngo	*Kyle Weidner
Long Duong	**Ji Ni	Weston Wingo

MASTER OF SCIENCE IN COMPUTER SCIENCE

Olivia Black	Josiah Herrington	Aliya Shaikh
Cameron Bost	Kenton Huff	Brandon Stewart
Lucas Bowker	Nathan Huffman	Kyle Teel
Yanfeng Chen	William Lu	Anjali Reddy Tippa
Jagadish Chitturi	Mahmoud Mousa Hamad	Lena Trigg
Yan He	Randy Ray	Ramya Sai Vuyyuru

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Somayah Karsoum	Anirudh Paranjothi	Monique Shotande
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Electrical and Computer Engineering

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Elizabeth Aston	**Samuel Le	**Lucas Powers
Raymond Atkinson	Jimmy Ma	**Benton Smith
Gabriel Denova	Ethan Mitchell	Lester Velazquez
Leo Doan	Bryson Munroe	**Loc Vu
**John Hendry	*Lin Ngo	**Jordyn Vu
**Nguyen Hoang	Phong Nguyen	David Wesson
Bradley Hundl	Christian Pennoke	Yang Yan
*Madelyn Kuehne	Dzenita Petrovic	Kristopher Yount

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Noah Abraham	Chase Henry	Sean McLain
Charles Adams	Nguyen Hoang	Nicolas Montenegro
Brett Arnold	Hunter Howze	*Kyuran Moon
Jose Arteaga	Daniel Jennerman	*Henry Nguyen
Joseph Baker	**Elizabeth Joyce	**Pete Pike
Darian Baldwin	Joseph Kennedy	Zachary Sanders
Matthew Bugler	*Christopher Kuzmickas	Sandra Saucedo
Logan Butcher	Peerapat Lam	Robert Scherer
Casey Church	Chuong Le	*Emery Shannon
Kevin Cronch	Ruby Limas	Michael Smith
**Bradlee Harrison	Jerad Mattox	Michael Violette
Mason Hazel	Colton McEachern	Qiuyi Wu

MASTER OF SCIENCE IN COMPUTER ENGINEERING

Sarah Brown	David Milligan
Sara Fazal	Gabriel Shultz

MASTER OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING

Daniel Anadu	Tyler Julian	Yixuan Shen
Mikal Cole	Yoon Sl Kim	Joshua Short
Alonzo Evans	Emily King	Jaxon Taylor
Christopher Hart	Caleb Munnell	Vividhamol Thomas

DOCTOR OF PHILOSOPHY IN ELECTRICAL AND COMPUTER ENGINEERING

Nawaf Almuqati	Javier Lujan	Cesar Salazar Aquino
Neda Bathaei	Lance Mcdowell	Antonio Ricardo Segales Espinosa
Nim Ccoillo Ramos	Alexander Moreno	Shams Mohd Shahadat

Data Science and Analytics Program

MASTER OF SCIENCE IN DATA SCIENCE AND ANALYTICS

Ahuoiza Ajoku	Ducha Hapsari	Samuel Rodriguez
Clare Axthelm	Zackery Herman	Gonzalez
Adesoji Akanji	Diana Johan	Rishabh Sharda
Tobenna Anyaezu	Aditya Karthikeya Kasturi	Boyer Simpkins
Erik Baker	Rajasri Kolli	Jacob Sturges
Walter Boncal	Miguel Mbingo	Tahami Tofique
Zachary Burton	Michael Fernando Mendez Restrepo	Esteban Ugarte Daza
Rafiatul Bushra	Mitchell Musack	Michael Vladovich
Ivan Calderoni	Karen Ochie	Yang Zhou
Issa Haddad	Oluwatobiloba Oyebanji	

Engineering Physics Program

BACHELOR OF SCIENCE IN ENGINEERING PHYSICS

Harrison Fairchild	**Rachel Penner
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MASTER OF SCIENCE IN ENGINEERING PHYSICS

Nathan Marliere

Industrial and Systems Engineering

BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING

Hessa Alenezi	Chase Keasler	Benjamin Spriggs
Jalal Almuhananna	Abel Kwendi	Hayden Spriggs
Alberto Alonso	Brandon Lee	Robert Styers
Jose Garcia	**Katherine McCarthy	Anny Tchindje
Solomon House	John Nguyen	Bridget Tharp
Hassan Javed	Charlie Reuss	*Dung Vu

MASTER OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING

Alyssa Pletcher	Steven Taylor	Iker Zarandona
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Fall 2022

DOCTORAL DISSERTATIONS

Peptide Aggregation Induced Immunogenic Cell Death

Gokhan Gunay, *Biomedical Engineering*

Engineering a Peptide-Based Tool for Biomedical Applications

Seren Hamsici, *Biomedical Engineering*

Translation and Development of Novel Annexin A5 – Protein Drug Conjugates for the Treatment of Triple Negative Breast Cancer

Alexis Woodward, *Biomedical Engineering*

Effect of Water on Catalytic Reactions over Brønsted Zeolites

Han Chau, *Chemical Engineering*

Nanoparticles Conjugates for Targeted Cancer Therapy

Gabriela Nogueira Furtado e Faria, *Chemical Engineering*

Application of Traffic Speed Deflection Device and AI-Based Models for Structural Health Evaluation and Pavement Management Enhancement

Matias Mendez Larrain, *Civil Engineering*

Application of Rapid-Setting Belitic Calcium Sulfoaluminate Cements in Pretensioned, Prestressed Concrete

Stephen Roswurm, *Civil Engineering*

Misbehavior Aware On-Demand Intrusion Detection System to Enhance Security in Vanets with Efficient Rogue Nodes Detection and Prevention Techniques

Anirudh Paranjothi, *Computer Science*

Modeling Relationships Between Brain/Muscle Activity and Locomotive Behavior

Monique Shotande, *Computer Science*

Design, Fabrication, and Development of Gete Phase-Change Switches for Reconfigurable RF Applications

Neda Bathaei, *Electrical and Computer Engineering*

Electromagnetic Modeling Methods for Microstrip Patch Antennas up to the Millimeter-Wave and Sub-Terahertz Bands

Nim Ccoillo Ramos, *Electrical and Computer Engineering*

Innovative Growth Techniques and Heterogeneous Structures for PbSe-Based MWIR Photodetectors

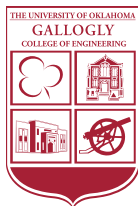
Lance McDowell, *Electrical and Computer Engineering*

Breaking the Practical Performance Barriers of Polarimetric Phased Array Weather Radars

Cesar Salazar Aquino, *Electrical and Computer Engineering*

Design and Implementation of a Novel Multicopter Unmanned Aircraft System for Quantitative Studies of the Atmosphere

Antonio Ricardo Segales Espinosa, *Electrical and Computer Engineering*



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

The University of Oklahoma is an equal opportunity institution. www.ou.edu/eoo