

Class of 2023

# CONVOCATION

SATURDAY, MAY 13 | 9 AM LLOYD NOBLE CENTER NORMAN, OKLAHOMA



## Gallogly College of Engineering

### CONVOCATION PROGRAM

Processional

Welcome Aditya Narasimhan, PhD, Computer Science

Land Zachary Muller, Outstanding Senior, Computer Science

Acknowledgment

Presentation and John Klier, Dean

Remarks

Senior Remarks Jamie Bowen, B.S., Chemical Engineering

Presentation of the Class of 2023

John Klier, Dean

Randa Shehab, Senior Associate Dean

Zahed Siddique, Associate Dean

Sridhar Radhakrishnan, Interim Associate Dean

Kumar Parthasarathy, Director

School of Aerospace and Mechanical Engineering

Michael Detamore, Director

Stephenson School of Biomedical Engineering

Dimitrios Papavassiliou, Director

School of Chemical, Biological, and Materials Engineering

Randall Kolar, Director

School of Civil Engineering and Environmental Science

Dean Hougen, Interim Director School of Computer Science

Randa Shehab and Sridhar Radhakrishnan, Co-Directors

Data Science and Analytics Program

J.R. Cruz, Director

School of Electrical and Computer Engineering

Michael Santos, Chair

**Engineering Physics Program** 

Andres Gonzalez, Assistant Professor

School of Industrial and Systems Engineering

Presentation of Doyle Dodd, Assistant Professor

Graduates 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**

#### GRADUATE PROGRAMS

Graduate College
Colton Ross

Data Science and Analytics
Jacob Unterbrink

### OUTSTANDING SENIORS

### GALLOGLY COLLEGE OF ENGINEERING

Christian Newkirk

### SCHOOL OF AEROSPACE AND MECHANICAL ENGINEERING

Aerospace Engineering
Anthony Barcio

Mechanical Engineering

Daniel Fitzpatrick

# STEPHENSON SCHOOL OF BIOMEDICAL ENGINEERING Mulan Tana

Mulait raily

# SCHOOL OF CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING Katherine Del gurentis

### SCHOOL OF CIVIL ENGINEERING AND ENVIRONMENTAL SCIENCE

Civil Engineering
Nanziri Esther Kayondo

Environmental Engineering
Katrina Mason

Architectural Engineering

Frika Vanderheiden

Environmental Science
Matthew Varriale

# SCHOOL OF COMPUTER SCIENCE

Zachary Muller

### SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING

Computer Engineering
James Cornette

Electrical Engineering
Nicholas Schneider

### **ENGINEERING PHYSICS PROGRAM**

Noah Gruman

### SCHOOL OF INDUSTRIAL AND SYSTEMS ENGINEERING

Willow Arana

# DISTINGUISHED GRADUATES

Society

In 1990, the Gallogly College of Engineering Distinguished Graduates Society was established to honor our most accomplished alumni. Selection is based upon prominent and distinguished professional or technical achievement, notable public service, outstanding contributions, and other significant contributions to the engineering profession. Membership in the society affords the public acknowledgment and recognition befitting these graduates. Each year, society awardees are honored by the administration, faculty and students of the Gallogly College of Engineering at the University of Oklahoma through participation in the induction ceremonies at Spring Convocation. We welcome the 2023 members of the Gallogly College of Engineering Distinguished Graduates Society.



# Brian Argrow, Ph.D.

Brian is currently the Schaden Leadership Chair at the University of Colorado and has received numerous awards and honors, including being inducted into the National Academy of Engineering (2022) and being a fellow of the American Institute of Aeronautics and Astronautics (2016). His focus areas include autonomous systems and fluid dynamics. Brian holds the following degrees (OU): '83 BS A&ME, '86 MS A&ME, '89 PhD A&ME.



# John Fagan, Ph.D.

John is a Presidential Professor of Electrical and Computer Engineering at the University of Oklahoma. He is actively involved in research and teaching in alternate energy transportation systems and the use of GPS as an aircraft landing and navigation tool. His work has resulted in the development of various solar and electric vehicles, and he also collaborates with the FAA and OU Department of Aviation on developing GPS systems for precision and non-precision approach procedures in the terminal arrival area. John holds the following degrees: '67 BS EE UTA '73 MS EE UTA, '77 PhD EE UTA (University of Texas at Arlington).

## 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 SPRING 2023 GRADUATES

# Aerospace and Mechanical Engineering

#### **BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING**

Jaxson Tate Allen\*
Aaron M Baker
Anthony Joseph Barcio\*\*
Landry Michael Barnett
Gabriel Jameson Bednarczyk
Adam Talley Bicak\*\*
Emma Biskup
Samuel Todd Bronson IV
Collin Royce Brown\*
Sean Kyle Brownlee\*\*
Rylan Clay Burrows\*
Drew Ryan Coraccio

Ihab Abdel Samad

ΔI Barwani\*

Ahmed Sulaiman Hamood

Michael Andrew Currie\*\*
Jeremie Dimouti
Lucas Lloyd Eischeid
Ian Timothy Elkin\*
Jared K Gilbertson
Christopher James Haggard
Zachary London Loyd Harris
Ariel Reanna Henderson\*\*
Alias John\*
Cullen Kennedy Jones
Jeffrey R. Kozlowski

Raelin Breonna Lane\*

Daniel James Fitzpatrick\*\*

Connor Erik Lawrence\*\*
Brandon James Leppke
Lofton Cole Miller
Abdullah A Moreden
Hollan James Morris II
Bryson D. Nelson
Caylin Blaise Nimmo\*
Jack Edmond Onarecker
Angela Jeane Paganoni
Steven Isaac Stewart\*
Colin Michael Watson\*\*

### MASTER OF SCIENCE IN AEROSPACE ENGINEERING

Tu Thanh Nguyen Peter Michael-Andrew Sandell

### **BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING**

Hamood Sulaiman Hamood Al Barwani\* Al Muatasim Mohamed Saif Mohamed Al Jahdhami Abdul Rahman Ghanim Said Al Junaibi Darius F Baker Steven Michael Bateman Jared Andrew Belser Bryant Daniel Boatright\* Caley Allen Boyd Matthew James Brigida Andrew L Brown Charles Jeffrey Burr Tanner Landon Cabaniss\* Erick Rodrigo Calderon Leon\* Micah Daniel Carrigan Nicholas Brian Castle\*\* Hana Mae Chin Kyler Jaden Clark\*\* Jesse Logan Clemence\* Braden Alexander Collier Connor James Corwin Thomas Ross Dolan Cruickshank\* John Devin DeJarnette\*\*

Jose Eduardo Flores Medina Joseph Andrew Forrest\*\* Rvan William Francis\* Jack Dennis Franklin Ian Lee Fritts\* David Cole Grantham\* Omar Abdo Hassan Jacob L Henderson Nathaniel Joseph Johnson\*\* Jared Austin Kepner Macy Lynn Kindle\* Joseph F Kitelinger Brandon Matthew Knight\*\* Will I Knox Joseph William Koetting\*\* Elliott James Kroh\*\* Christopher Vinh Lam\*\* Aubrev Nicole Lewellen\* Tyler J Miner\* Abigail Grace Moore\*\* Elizabeth Ann Moore\* Hugh Hart Nelson\*\* Kaiden Jav Nelson\*\* Christian P Newkirk\*\* Vinh Duc Nguyen Jaden Matthew Norman\*\* Kelsev Chetachi Onvekuru\* Heath Walker Petersen Kristoffer Joshua Pinto Blake Cameron Pitcock\* Tristen Blake Portis\*\*

Jessen Scott Pratt Samuel Ray Reed\* Davin Keon Rhule Grace Anne Rodgers\* Dain Loerzel Ross Fabio Santini Bianco\* Bradley William Schilling Samuel David Schmidt Logan Michael Scott\*\* Casey Rock Seale Hadley Hope Sears\* Natalie Mishael Smith Ethan Farrel Soemantri\*\* Sawyer D Spurgin\* Gravson Bowver Sralla Isaac Ancel Stovall\* Saddam Olajide Suleiman\* Lauren Renee Thoendel Alexandria Rose Thomas\* Jacky Long Tran Brennan Kent Trinkle\* Caleb Alex Varughese Brian Joseph Varva\* Peter Vu\* Zamir Abdul Waheed Manning Perry White\* Job Joshua William\*\* Michael Augustus Williams\*\* Colton M Wirth Andrew Yurek Wisniewski\*\* Benjamin Andrew Yarborough Ryan Christopher Young\*\*

Devin Michael Dunford\*

John Christopher Fisher

Kimberly Alexandra Draeger\*\*

#### MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Alene Narine Basmadjian Nicholas Brian Castle Cameron L Collum Jacob Dolezal

Adam L Flenniken

Jiaze Gao John Jacob Hering Jon R Keegan Richard Wilkins Lucio III Brandon Robert Mansur Philip Maxwell Resnick Lane Alexander Taylor Luke Charles Whitney

MASTER OF SCIENCE IN MECHANICAL ENGINEERING: PRE-MED

Noah Bradford Barber\*\* James Nicholas Kircus\*\* Jake W McAlester\*\*

DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING

Md Tanvir Ahad Walmy Cuello Jimenez Colton J Ross

# Biomedical Engineering

### **BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING**

Ghainaa Abousleiman\*\*
Austin Heth Anders\*
Jun Beltran
Sarah K. Butterfield\*\*
Stephen Andrew Canady\*
Hailey Marie Christian
Kaden Andrew DeCamp\*\*
Ryley Kenneth Dumas
Elizabeth Lauren Duncan\*\*
Summer Breanna Edwards\*
Amy Catherine English
Kevin Matthew Fritz\*\*
Merima Hasic\*\*

Alexander Wilson Houpt\*
Mallory Lorene Jameson\*\*
Sean Patrick Johnson
Jessica T Lam
Jessica T Lam
Keely Ann Marie Laurence\*\*
Jessica Paige Liszewski\*\*
Isabella Kay Lusk\*
Abigail Rylee McCollum\*
Kennedy Martin Mdoe\*\*
Rylee Samantha Newport\*\*
Thuy Lam Nguyen\*\*
Camryn Elise Partlow\*
Giara Prathna Patel\*\*

Nicholas Blake Houchin\*

Hamida Petrovic\*\*
Aiman M Saleemi
Natalie Shpringman\*\*
Caleb Daniel Sullivan
Mulan Tang\*\*
Bradley Lynn Thiels\*
Ethan Phillip Trotter\*\*
Malayna Kate Unkel\*\*
Alexa Dumanas Victorio\*
Kelly Ann Williams\*
Samantha Michelle Williams\*\*
Jillian Taylor Wills\*
William Tyler Wilson
Bailey Renee Winkle

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

Elizabeth Anne Bradshaw John Joseph Bradshaw Emmy Rose Francek

Kassandra Flena Herrera\*\*

Majd Samer Tawfiq Haddad Megan Marie Mentzer Matthew David Smith Jordan Noelle Williamson

### DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

Sergio Andres Pineda Castillo

# Chemical, Biological and Materials Engineering

Dylan Ray Gibson

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

Derek John Abeln\*\*
Prohor Akand
Andrew Thomas Black\*\*
Triston Thomas Blemmel
Jamie Irene Ling Kirk
Bowen\*\*
Kassoum Cisse Abdramane

Kassoum Cisse Abaramane Sadie Rose Dearing\*\* Katherine Shave

DeLaurentis\*\* Evander Neil Dishface Elijah William Finn

Paige E Frey\* Teddi Amelia Gay\*\* Eric Richard Johnson
Anabela B Kajibanga
Drew Nicholas King\*\*
Stephen Michael Kooker\*\*
Adriana Elizabeth Landry\*\*
Ethan Wallace Lusky\*
Mackenzie Sabel Martin\*\*
Abdifatah Abdi Mohamoud
Marylyne Wanjiku Njenga
Patrick Wilson Oketcho Sr.
Ishan Bhupendra Patel\*
Shivam Dipak Patel\*\*

Sophia Joy Xin Patrock\*\* Carol J. Pemosso Michael Mark Nii Addo Quaynor

Emma Grace Shields\*\*
Arnold Daniel Sison\*\*
Corbin David Sizemore
Christopher Alexander Story
Caden Scott Thomason
Norbert Jonathan Valles IV
Drake T Wamsley\*

Rui Xiong

#### MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Michael Steven Koegeboehn Luis Mario Trevisi Erich Christian Metzger Boshen Xu

#### DOCTOR OF PHILOSOPHY IN CHEMICAL ENGINEERING

Laura Alejandra Gomez Vi Thi Kim Nguyen
Gomez Vy Thao Nguyen
Nilson Francisco Ladaim de Oanh Le Kieu Pham

Paulo

### BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING: BIOENGINEERING

Ali Murrad Ahmed

### BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING: BIOTECHNOLOGY

Jasmine Breanna Burrell Lillian Grace Powers

### **BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING: PRE-MED**

Anh Hien Hoang

# Civil Engineering and Environmental Science

# BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING

Mohammed Ali Aamir Wesley Daniel Harris Bruno Nicolas Siri\*
Al Hinaai\*\* Timothy Easton Holloway Yumin Song

Sydney Lauren Brinkley YunchaeNa Erika Nicole Vanderheiden\*\*
Harvey Franklin Cooper II Sage Bryley Peyton\* Jessica Sophia Winkler\*\*

Aidan Jose Espinosa Edita Pipic\*\*

Cade Justin Harris\*\*

Zane Aleksander Potts\*\*

### **BACHELOR OF SCIENCE IN CIVIL ENGINEERING**

Mazin Ahmed Hamood Danyl Michael Paul Triet Minh Nauven Abdullah Al Mamari Graumann David Perez\* Salim Hilal Said Al-Hajri\* Amina Grbic Case Merritt Pirrona Cliff Alshara Maddison R Hafer Joseph Ryan Pitzer\*\* Mathew L Alvarado Tate Philip Hammerslev Charles Michael Polan\* Ahmed Attaoui Jacob Austin Huffman Sydney Rebecca Potts\*\*

Matthew Charles Boyd Olawale Iramofu Oluwatobi Nawarai Rai

Andrew Daniel John Dallely Ramirez Velasco\*
Brueggenjohann Trevor Joseph Jones\*\* Cody Lane Rickman

Maranda Ruth Buller\*Nanziri Esther Kayondo\*\*Francis T SitterleEmily Paige Cobb\*\*Kylie Nicole Kemppainen\*\*Jefferson Paul Speer\*Matthew B DavisChouaib Bouchaib KhyatiEmmanuelTrujillo\*Bryce Ward Dotson\*Rose Anna Ladd\*\*Eric Enrique Trujillo\*

Andrew Patrick Finley Ryan Crawford Lindsey\* Brayden Paul Weaver
Daniel Christopher Fitts Maria Jose Melendez

Eduardo Flores Pastor\*\*

Ivan Meza

### MASTER OF SCIENCE IN CIVIL ENGINEERING

Gregory James Albright Javier Alejandro Chaves Caleb Joshua Gray Kaylee Marie Angerer Camargo Michael Jay Gudeczauskas Kenneth Michael Berchielli Christopher William Joshua Trov Hutchinson Evasu Ashenafi Biratu Cornelissen Sarah Elaine Jones Jeremiah Matthew Boldes Thomas Joseph Costello Jr. Craia Austin Kirk Paul Fernando Cancino Andrew John Ellsworth Abbie Jean LaFleur

Robert David Gowisnock Jr.

Thomas David Langdon

Arevalo

Wade Worthing Gariner

Trevor Jacob Levi Jackson C Milner Grant Patrick O'Brien Josue Alberto Olguin Resendiz Hayden Phan

Etta Rosella Pulce Wayne Andrew Schoonover Jacob Alexander Schott Jacob Gabriel Starks Thomas S Sukalski Ron M Teal Rylee Elizabeth Terrel Zachary Gage Tiry Jorge Eduardo Vargas Ceja Demita Winegardner Michaela Ann Zaro

#### DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING

Tareq Ziad Abuawad Matias Mario Mendez Larrain Stephen J Roswurm

### **BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING**

Yaseen B S A E Alwazzan Elina Maria Avila\* Jakob Blane Cullifer\*\* Lauren Ashley Franze Anthony Gallegos Garcia Daniel Andres Guevara\* Holly Nicole Jones\* Katrina Marie Mason\*\* Samantha Nicole Taylor Elizabeth Madeleine Watts\*

### MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Nour Kh M A A M Alfailakawi Abdullah F E M Hussain Valentin Anibal Brito Veronica Tyler Ann Salter

### **BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE**

Enrique Albero Lambert Matthew Dominick Varriale\* Nathaniel S Wright

### DOCTOR OF PHILOSOPHY IN ENVIRONMENTAL SCIENCE

Yifan Dina Grant M Graves Laura Gabrielle Labriola

# MASTER OF ENVIRONMENTAL SCIENCE: HYDROLOGY AND WATER SECURITY

Christopher A Acheson Jr.
Noel Elizabeth Anderson
Dominic Marcel Baca
Rajesh Bhakta
Cassie Lynn Bradshaw
Jerry Burns
Aleisa Suzanne Collins
John Alexander Cox
Angel Enriquez

Zachary Fields
Claire Marie Harris
Jordon Henderson
Billy Gene Hix
Alan Willard Jackson
Emma Jane Loubsky-

Lonergan Tami Marie Madsen John Patrick Mauterer Nicholas Lejean Van Nguyen Patricia Ann Parks Ross Neil Petersen Madison Teal Reese Madeline Nicole Sargent Lauren Ashli Savior Amanda N Silva Rachel Marie Sovey Jonathan Louis Zinser

# Computer Science

#### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Garrett James Alexander Ainslev Elizabeth Allred\* Tristan James Alvey Alexander Jesus Azpeitia Nicholas Alexander Babb Marcos Segundo Bernier\*\* Jesse McKnight Blackledge\* Jerrod Michael Burns Stephen Terence Cain\* Eric Hong Chen\*\* Christopher Nhek Chhim\*\* Chanon Attila Cserepy Clayton Bryce Curry Brenden Scott DeWitt Temitayo Michael Dina Rebecca Chalcedony Draviam

Long Hoang Duong Eric Nicholas Garcia Emmanuel Chimaobim George Jr. Briten Daniel Green Toby Neal Griffin Caleb Trent Guinn Allison Grace Guzzardo Wahidullah Haidari\* Marc Hanna\* Sarah Ashley Hudson\*\* Anthony W Immenschuh\* Jacob Dillan Ingram Bryce Everett Jackson Elizabeth L Jamie Camron Dakota Jones Justin Maiid Karioo\*\*

Andy Le
Alberto Y Liu\*
Ruyu Liu
Alexander Ray Lunsford\*\*
Eli D Martin
Elizabeth Kathleen Martin
Antony Joseph Morris
Louis Abe Mujang
Zachary Laurence Muller
Dylan Thanhuy Nguyen\*\*
Jimmy Nguyen
Micheal Vien Nguyen
Bach Xuan Nguyen-Ngo
James Henry Norum\*

Samuel David Kelly\*

Onyekachukwu Joy Okafor Shiv Shaileshbhai Patel\*\* Christopher Michael Duy Pham\*\* Victor Khang Pham

Victor Khang Pham Aaron Max Pierce\*\* Madison Clare Quiroga Nathanael Graham Reese Peyton Wayne Richardson Kira Michelle Riggs\* Jordan Christopher Roberts\*\*
Jacob Christopher Ross\*
Travis Jay Scroggins
Nima Leo Shadaram
Saadman Shakib Shan
James Barrett Shannon
Jay William Shoumaker\*
Jacob Alan Shumard
Aiden Patrick Smoot\*

Connor Eugene Spain

Erin Elizabeth Sullivan\*\*
Nicholas James Thompson\*\*
Leonardo Lap To
Ken Khatin Tu\*
Cin S Vaan
Liam Mitchell Whitbeck
Ted Ray Xiong\*\*
Samuel Lawrence Yaeger\*\*
Steven M Yetishefsky

#### MASTER OF SCIENCE IN COMPUTER SCIENCE

Jose Efrain Aguilar Escamilla Cameron Alexander Bost Sai Prakash Davuluri Gabriela Nicole Fisher Arjun Ganesan Ethan Jun Wei Ho Manisha Mandava Lasya Sudha Narkimelli Daniel Tien Danh Ngo
Pradipkumar Rajasekaran
Sai Sharath Kumar
Sabbarapu
Jessica Erin Shaw
Aditya Rohan Singh
Benton Walker Smith
Tate Daniel Smith

Nithya Sokkula Kranthi Kumar Reddy Vudumula Bhargav Durga Prasad Vummadi Chenyi Zhang

#### DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Adrien Frederic Clair Rene Badre Yiting Cao Jasmine Mae DeHart Somayah Mohammad M Karsoum Sanjana Mudduluru Mohammad Mukhtaruzzaman Anirudh Paranjothi Chenguang Xu

Bhavana Parupalli

## Data Science and Analytics Institute

### MASTER OF SCIENCE IN DATA SCIENCE AND ANALYTICS

Ahuoiza Onozare Ajoku Shahzad Shoeb Ansari Tobenna Victor Anyaezu David Alan Balan Nasri Binsaleh Sanoj Doddapaneni Ayomide Abdulquadri Hamzat Hanna Alyse Hart Zackery Herman Uma Maheshwar ReddyJangalapalli Divya Sudha Jonnakuti

Bhavesh Kilaru

Pavan Vasanth Kommineni
Abdelwahab Maged Makhlouf
Miguel Antonio da Costa
Mbingo
Deepika Mettu
Jonathan Glen Miller
Sonaxy Mohanty
Biswas Nandamuri
Rithsek Ngem
David Nnamdi Nnamdi
Chinedu Joseph Nwosu
Oluwatobiloba Francis
Oyebanji

Wagner Edmilson S P DA S Santa Rosa Mohamed Abde Irahman Salih Rishabh Kishankumar Sharda Jacob Elliot Sturges Daniel Addokwei Tetteh Jacob Allen Unterbrink Varshitha Choudary Vasireddy Rachana Vellampalli Songyuan Yao Prudhvik Yarlagadda

Onintsoa Ramananandroniaina

# **Electrical and Computer Engineering**

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

Baraa Wajdi Ahmad\*\* Elizabeth Paige Aston Jesus N Camarena Jr. James Cornette Devin Carl Dickerson Matthew Christopher Fossett Rami Issam Halabi Blake Austin Howell
Joseph Lucas
Jimmy Quoc Huy Ma
Marco Esteban Martinez
Deven Shane Mills
Ethan Miles Mitchell
Andrew Robert Murray\*\*

Daniel Gregory Ostergaard Rebecca Lynn Radtke\* Logan Andrew Sinclair\*\* Bryan Tran\* Nguyen Duy Vu\*\* David A Wesson

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

Hamza Abdellah Baha Gable Bates Bret Merritt Branstetter Matthew Leslie Bugler Saleh F Cheema Kevin Cale Coor II Connor A Coulson\* Rebekah M Dougherty Brandon Ly Duong\* Chancellor Dean Hunter

Estep Trent Vern Famuliner\*\* Dillon Parker Ferguson Matthew Clayton Foster David Patrick Gilroy V Adriana Deliz Gonzalez Vega\*\*

Perry Sharron Johnson Jr. Charles Alexander Kongs Jezreel Eunice Fedelicio Labuguen

Chuong Phuoc Khue Le Thien Nhi D Luong Zachari Isaac McFarland\*\* David Ira Millington Jr.\* Andrea Dawn Newcomb\*\* Allan D Nguyen
Benjamin Hieu Nguyen\*\*
Dalin Tan Nguyen\*
Pete Bradley Pike\*\*
Rachel Jennifer Reising
Nicholas Connor Schneider\*\*
Emery Clark Shannon Jr.\*
Eric J Smith
Tanner J Smith
Adam Dan-UY Tran\*

Erica Lauren Wirth

# BACHELOR OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING

Rabiea Abo Taha\*\* Zachary Joseph Barton\* Benjamin Jay Jefferson Bryant\* Hope Madison Chambers\* Jorge Donramon Exinia Cameron G Goodbar\*\* Joseph Samuel La Sala\*\* Josue Joel Martinez\* Avery Nan Rui Moates\*\* Roman Munoz Sr.\*\* Prince Kwame Oburoni–Aveh

# BACHELOR OF SCIENCE IN COMPUTER ENGINEERING/COMPUTER SCIENCE

Ronnie M Nguyen\* Nicholas Frank Stoia\*\*

# DOCTOR OF PHILOSOPHY IN ELECTRICAL AND COMPUTER ENGINEERING

Neda BathaeiHyeri KimAlexander MorenoPrecious Kizeze JatauJavier Lujan Jr.Shams Mohd Shahadat

# MASTER OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING

Rosalind Agasti Daniel Oluebubechukwu

Anadu

Michael Charles Cheek Phanidhar Chinchili Heloisa Luiana da Silva Chipuio Alonzo Isaiah Evans Sara Fazal

Shane Allen Flandermeyer Robert Chaise Glenn Christopher Keegen Hart Emily Nicole King

Caleb Munnell

Jennifer Panoplos Jacob A Price

Nizar Othman Ali Sharkas

Yixuan Shen Makya Alexis Stell Olivia Hope Wolfley

# **Engineering Physics**

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

Jacob Ryan Coffman\*Anjani Gautam\*Noah Daniel Gruman\*\*Harrison Drake FairchildBrigham Joseph GodwinThaddaeus Braydon Tucker

#### MASTER OF SCIENCE IN ENGINEERING PHYSICS

Vincent Byrne Palmer

# Industrial and Systems Engineering

### BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING

Willow Xuan Arana\*\* Joshua Jacob Upton\*\*

Trinity Maylyn Suba Alex Uribe\*

# DOCTOR OF PHILOSOPHY IN INDUSTRIAL AND SYSTEMS ENGINEERING

MD Manjurul Ahsan SaeedJamalzadeh

### MASTER OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING

Carlos Manuel Hernandez Hunter Jeremy Moomey Visha Manoj Patel

# BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING: DATA SCIENCE AND ANALYTICS

Reece William Milner\*\* Cobey Michael Bradley

Weemes\*

# BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING/MBA

Frederick Thomas Borovich IV\*\* Nicholas Alexander Shivers

# BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING: ANALYTICS

Joel Mitchell Dudley Megan G Khoury\*\*

### BACHELOR OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING

Jalal Abdulhamid A Ethan Cole Hodgens Jordyn Carol Schwartz Almuhanna Solomon House Connor Joseph Steele Alberto Alonso Beniamin Joseph Kappen\*\* **Robert Lamar Styers** Matthew W Brooks\*\* Sydney Kaye Kropp\* Anny Michele Tchindje Allana Guedes Calvano\*\* Rylan Garrett McConaughey\* Benjamin Lee Teague Anna Lynn Christensen\*\* Zavne A McLauahlin Dung Kim Vu\*

Joseph Charles Depner\* John-Paul Onigbanjo Colton Shane Wamsley\*\*

Avery Laine Dickinson\*\* Amira Fatima Rachid Peter Jacob Wilburn

Channing Alexandra Estep Aaron Bailey Reid\*\*
Sarah Catherine Gates\*\* Charlie Robin Reuss

### MASTER OF SCIENCE IN INDUSTRIAL AND SYSTEMS ENGINEERING

Thomas Bogran Thomas Patrick Lick Aman Harishbhai Saini

# Gallogly College of Engineering SUMMER 2023 GRADUATES

# Aerospace and Mechanical Engineering

### **BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING**

Jonathan Kent Franklin Jacob Alexander Powell

### MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Laura Camila Osorio Ojeda

### DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING

Yilin Jiana

# Biomedical Engineering

### **BACHELOR OF SCIENCE IN BIOMEDICAL ENGINEERING**

Meghan Noelle Keen

### MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

Parker Reese Bryant

#### DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

Alex Nelson Frickenstein William Michael MacCuaig

### Chemical, Biological and Materials Engineering

### DOCTOR OF PHILOSOPHY IN CHEMICAL ENGINEERING

Ismaeel Ibrahim Alala Elton Lima Correia

Tien Thi Thuy Le Yu Yan

### Civil Engineering and Environmental Science

#### MASTER OF SCIENCE IN CIVIL ENGINEERING

Daivy Jhonander Mantilla Prada Fariha Nazneen Rista Christian Rene Maldonado

#### **BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING**

Kylie Nicole Martin

### MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Olivia Celeste Overton

### MASTER OF ENVIRONMENTAL SCIENCE

Theresa Elaine Tsoodle

# MASTER OF ENVIRONMENTAL SCIENCE: HYDROLOGY AND WATER SECURITY

Marcelo Alejandro Gracia Rosaria Latorre Adrianne Adele Lopez Clinton Curtis Merritt Heather Michelle Roberts Ashley Sapon Michele Louise Seib Stacy Rene Zeigler Kaitlyn N Zimmerman

### Computer Science

### DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Sudhindra Gopal Krishna Aditya Narasimhan Zuyuan Zhang

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

James Preston Miller

### MASTER OF SCIENCE IN COMPUTER SCIENCE

Shane Cronin Skowron

# Data Science and Analytics

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

Noah G BridgesJackson PolkDylan SteimelDaniel B CarpenterNipu QuayumHenry Richard ThomasBabak MohammadizadehJake Logan CooperJennifer Winger Vance

Khoshroo Hannah A Jordan Lisa Napierala Adam D Lambert

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

Elaheh Jafarigol

### Electrical and Computer Engineering

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

Maxwell James Walsh

# MASTER OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING

Khuda Burdi

### DOCTOR OF PHILOSOPHY IN DATA SCIENCE AND ANALYTICS

Gokhan Ariturk Tahere Hemati Syed Shahan Jehangir

# Industrial and Systems Engineering

### MASTER OF SCIENCE INDUSTRIAL AND SYSTEMS ENGINEERING

Robert Craig Henshaw Kade Benedict Malcolm Kavin Thisakya Jayanetti Joseph Edgar Robinson

### **SPRING 2023**

### DOCTORAL DISSERTATIONS

Improving Quantification of Nanoscale Interactions by Engineering Monodisperse Gold Nanoparticles **Alex Frickenstein**, Biomedical Engineering

Development of Patient-Specific Shape Memory
Polymer Foams for the Treatment of Intracranial
Aneurysms DISSERTATION EXCELLENCE AWARD
Sergio Andres Pineda Castillo, Biomedical
Engineering

Direct acylation of 2-methylfuran with carboxylic acids over zeolite catalysts

Ismaeel Alalq, Chemical Engineering

Selective Hydrodeoxygenation of Biomass-Derived Compounds over Promoted Metal Oxide Catalysts **Laura Alejandra Gomez Gomez**, Chemical Engineering

Nature and Catalytic Roles of Extra-Framework Aluminum and Partially Coordinated Framework Aluminum in Mfi Zeolite

Vy Nguyen, Chemical Engineering

Application of Traffic Speed Deflectometer and Al-Based Models for Structural Calibration and Pavement Management Enhancement

Matias Mendez Larrain. Civil Engineering

Interpretable Deep Neural Networks for More
Accurate Predictive Genomics and Genome-Wide
Association Studies

Adrien Badre, Computer Science

Visual Privacy Mitigation Strategies in Social Media Networks and Smart Environments

Jasmine DeHart, Computer Science

Compression Techniques for Extreme-Scale Graphs and Matrices: Sequential and Parallel Algorithms Sudhindra Gopal Krishna, Computer Science

Developing and Applying Hybrid Deep Learning Models for Computer-Aided Diagnosis of Medical Image Data

Sanjana Mudduluru, Computer Science

Stable Dynamic feedback-based Predictive
Clustering for Vehicular Ad hoc Networks
Mohammad Mukhtaruzzaman, Computer Science

Combinatorial Algorithms in the Approximate Computing

Aditya Narasimhan, Computer Science

Misbehavior Aware On-Demand Intrusion Detection System to Enhance Security in Vanets with Efficient Rogue Nodes Detection and Prevention Techniques **Anirudh Paranjothi**, Computer Science

Statistical Anomaly Discovery Through Visualization Chenguang Xu, Computer Science

Uncovering the Potential of Federated Learning: Addressing Challenges in Privacy, Imbalanced Learning, and Unlabeled Data across Domains **Elaheh Jafarigol**, Data Science and Analytics

Novel Ultrawideband Antenna Solutions for Radars and Communication Systems

Syed Jehangir, Electrical and Computer Engr

Robust Velocity Dealiasing for Weather Radar Based on Convolutional Neural Networks **Hyeri Kim**, Electrical and Computer Engr

Performance and Environmental Impact Assessment of Agricultural Waste-Based Sorbents for Phosphorus Recovery and Reuse" **Yifan Ding**, Environmental Science

Freshwater Stream Monitoring Process Improvements for Fecal Indicator Impairment Designation

Grant Graves, Environmental Science

Data balancing approaches in Quality, Defect, and Pattern Analysis

MD Manjurul Ahsan, Indust & Systems Engineering

Protecting Infrastructure Networks from Disinformation

Saeed Jamalzadeh, Indust & Systems Engineering

A Neuroscience Approach to Investigate Creativity in Engineers with the Effects of Indoor Environment Quality (IEQ)

Md Tanvir Ahad, Mechanical Engineering

Flame Synthesis of Tungsten/Molybdenum Oxide Nanoscale Heterostructures with Complex Physical Morphologies

Walmy Cuello Jimenez, Mechanical Engineering

Experimental Testing, Image-Based Analysis, and Finite Element Simulation of the Tricuspid Valve: Towards Personalized Management of Hypoplastic Left Heart Syndrome

Colton Ross, Mechanical 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 it's 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