



University of Houston Fall 2022 Commencement

Cullen College of Engineering

Saturday, December 17, 2022 • Fertitta Center





University of Houston
Cullen College of Engineering

Commencement Ceremony
Saturday, December 17, 2022, 2 p.m.
Fertitta Center

Message from Renu Khator, <i>President</i>	p. 3
Message from Robert McPherson, <i>Interim Provost</i>	p. 5
University of Houston System Board of Regents	p. 6
President's Cabinet	p. 6
University of Houston Deans	p. 7
University of Houston History	p. 8
Commencement Traditions	p. 9
Ceremonial Symbols	p. 11
Academic Honors	p. 12
Summa Cum Laude – 4.0 GPA Graduates	p. 12
President's Medallion	p. 13
Cullen College of Engineering	
Message from Joseph Tedesco, <i>Dean</i>	p. 15
Graduates	p. 17
The Honors College	
Message from Stuart Long, <i>Interim Dean</i>	p. 25
Honors College Graduates	p. 27
Message from Wayne Lockett, <i>Alumni Association</i>	p. 29





Message from the President

December 16, 2022

Dear University of Houston Graduates,

Congratulations! Today you've reached a tremendous milestone that sets the stage for a bright, new beginning. Today, you become a college graduate.

This accomplishment represents your years of hard work and sacrifice and a steadfast commitment to achieve. I know that same drive and endurance will serve you well as you make your mark on the world. Moreover, I know your education will make a positive impact on our society as you contribute the knowledge and skills you gained here.

You've received a first-class education at the University of Houston, and I know you will reach your full potential. The support of your family and friends, and encouragement of your UH faculty, advisers and staff have also played a significant part in your success. Thank them for their contribution, as we thank you for choosing our university.

UH is the home of award-winning sports, nationally top-ranked academic programs, world-renowned faculty, ground-breaking research and so much more. It has transformed you into the best prepared, educated and equipped individuals of your generation because you were committed to doing the work. Now, go forward as proud graduates and take the world by storm.

With my best wishes for a bright and rewarding future, Go Coogs!

Warmest regards,

A handwritten signature in black ink that reads 'Renu Khator'. The signature is written in a cursive, flowing style.

Renu Khator
President, University of Houston





Message from the Provost

Dear Graduates,

Mission accomplished! You are graduating from the University of Houston and ready to apply the knowledge gained at our institution to bold new endeavors.

As someone who has spent a few decades in academia, I know it wasn't easy. Balancing classes, work and personal obligations tested you at times. Still, you persevered to reach this moment.

You didn't do it alone, however. Take a moment to acknowledge those who supported you on the road to today's commencement.

Also, stay in touch with your alma mater. Today's ceremonies should not serve as a "farewell" to the University. Instead, look upon these commencement exercises as an informal invitation to someday return to UH and share your stories with future generations of graduates.

After all, you are forever a member of the Cougar family! Following today's ceremonies, you will be official members of our growing alumni base. No matter where your journeys lead, you will remain an integral part of our University.

As you prepare to cross the stage today, please know that all of us are proud of you. Your very presence at today's ceremonies is an indication of the tenacity and talent that helped earn your degrees and will take you far in your respective careers.

On behalf of the faculty, college deans and the many staff members committed to your success, congratulations! We are honored that you selected the University of Houston for your academic pursuits and proud that you are representing our institution as graduates!

Onward,

Robert H. McPherson
Interim Senior Vice President for Academic Affairs and Provost

University of Houston

Commencement Ceremony

University of Houston System

BOARD OF REGENTS

Tilman J. Fertitta, *Chairman*
Jack B. Moore, *Vice Chairman*
Durga D. Agrawal, *Secretary*
Doug H. Brooks
Alonzo Cantu
Edward Carrizales
John A. McCall, Jr.
Beth Madison
Ricky Raven

University of Houston

PRESIDENT

Renu Khator

PRESIDENT'S CABINET

Robert McPherson
Interim Senior Vice President for Academic Affairs and Provost

Raymond S. Bartlett
Senior Vice President for Administration and Finance

Bettina Beech
Chief Population Health Officer

Eloise Brice
Vice President for University Advancement

Dona Hamilton Cornell
Vice President for Legal Affairs and General Counsel

Lisa Holdeman
*Vice President for Marketing
and Communications*

Michael Johnson
Chief of Staff

Ramanan Krishnamoorti
Vice President for Energy and Innovation

Elwyn C. Lee
Vice President for Neighborhood and Strategic Initiatives

Daniel M. Maxwell
Interim Vice President for Student Affairs

Claudia Neuhauser
Interim Vice President for Research

Michael Pedé
Associate Vice President for Alumni Relations

Chris Pezman
Vice President for Intercollegiate Athletics and Athletics Director

David Shattuck
President, UH Faculty Senate

Jason Smith
Vice President for Governmental Relations

Stephen J. Spann
*Vice President for Medical Affairs and
Founding Dean, Tilman J. Fertitta Family College of Medicine*

University of Houston Deans

Leonard M. Baynes
UH LAW CENTER

Andrew Davis
Founding Dean
Cullen Foundation Endowed Dean's Chair
KATHRINE G. MCGOVERN COLLEGE OF THE ARTS

Alan J. Dettlaff
Maconda Brown O'Connor Endowed Dean's Chair
GRADUATE COLLEGE OF SOCIAL WORK

Jim Granato
HOBBY SCHOOL OF PUBLIC AFFAIRS

Catherine Horn
Interim Dean and Moores Professor
COLLEGE OF EDUCATION

Athena N. Jackson
Elizabeth D. Rockwell Endowed Dean's Chair
UNIVERSITY OF HOUSTON LIBRARIES

Stuart Long
Interim Dean
THE HONORS COLLEGE

Heidar Malki
Interim Dean
COLLEGE OF TECHNOLOGY

Daniel P. O'Connor
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Patricia Belton Oliver
ACSA Distinguished Professor
GERALD D. HINES COLLEGE OF ARCHITECTURE AND DESIGN

Paul A. Pavlou
Cullen Distinguished Chair
C. T. BAUER COLLEGE OF BUSINESS

F. Lamar Pritchard
Humana Endowed Dean's Chair in Pharmacy
COLLEGE OF PHARMACY

Dennis Reynolds
Barron Hilton Distinguished Chair
CONRAD N. HILTON COLLEGE OF
GLOBAL HOSPITALITY LEADERSHIP

Stephen J. Spann
Founding Dean
TILMAN J. FERTITTA FAMILY COLLEGE OF MEDICINE

Kathryn M. Tart
Founding Dean
Humana Endowed Dean's Chair in Nursing
COLLEGE OF NURSING

Joseph W. Tedesco
Elizabeth D. Rockwell Endowed Dean's Chair
CULLEN COLLEGE OF ENGINEERING

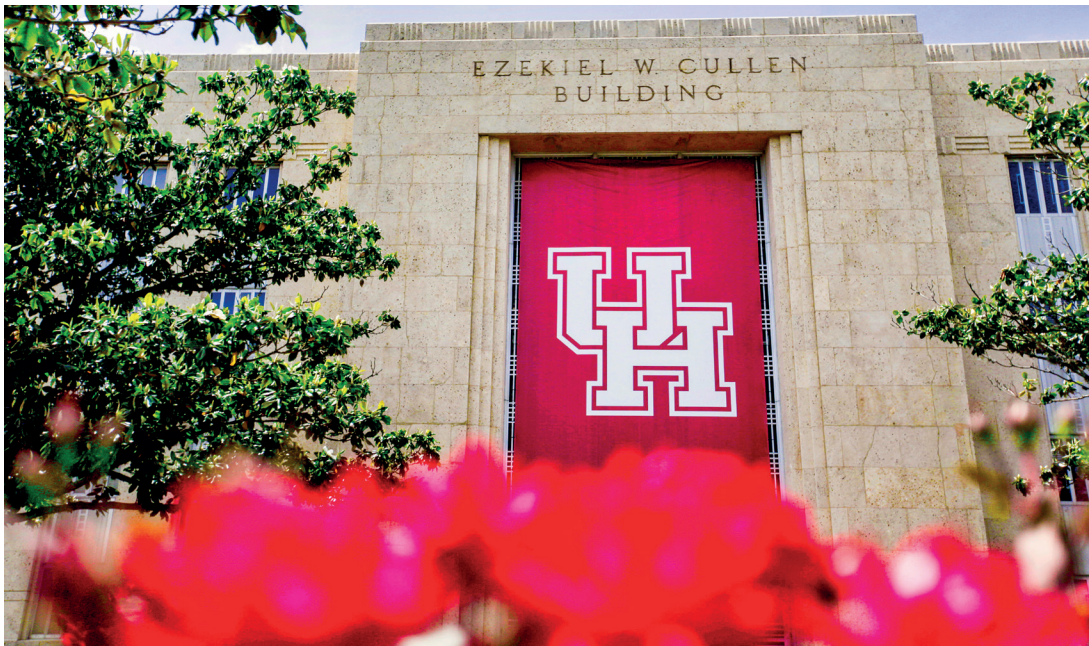
Michael Twa
Humana Endowed Dean's Chair in Optometry
COLLEGE OF OPTOMETRY

Dan E. Wells
Distinguished Professor of Science
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

University of Houston

Commencement Ceremony

University of Houston History



The University of Houston was established as the Houston Junior College in 1927. As the college grew, it prospered and officially became the four-year University of Houston in 1934. Two years later, the college attained land for a permanent campus, and in 1939 it constructed its first building, the Roy G. Cullen Building. The University became a state institution in 1963.

The University includes 15 academic colleges, one school and the multidisciplinary Honors College that teach a wide array of subjects – from math, arts and engineering to law, pharmacy and business. What started as a campus with a single building has grown into a world-class university, offering more than 270 undergraduate and graduate programs to more than 46,000 students annually.

UH is a Carnegie-designated Tier One public research university, and its public service and community activities, such as cultural offerings, clinical services, policy studies and small business initiatives, serve a diverse metropolitan population. Likewise, the resources of the Gulf Coast Region complement and enrich the University's academic programs, providing students with professional expertise, practical experience and career opportunities.

In keeping with the University's commitment to excellence, UH raised the benchmark of academic achievement when Phi Beta Kappa, the nation's oldest and most prestigious academic honor society, awarded UH the approval to start a chapter in 2015. This designation welcomed UH to an elite group of the nation's most esteemed colleges and universities.

Commencement Traditions

Academic costumes of today have a history of nearly eight centuries. In medieval Europe, all townspeople wore long flowing robes and gowns. The materials and colors were governed by royal decree. Gradually, distinctive gowns were developed for the various professions, trades and guilds. Scholars wore robes and hoods to protect their shaved heads. Later, skullcaps were worn on the head, and the hoods became a cape that could be pulled over the head during unpleasant weather.

As additional universities were founded, distinctive forms of the gown and hood were adapted by their faculties for bachelor's (apprentices of the arts), master's (teachers) and doctoral (teachers who had completed postgraduate studies). When caps and hats came into fashion in the 15th century, the hoods became ornamental, draped over the shoulders and down the back.

The academic hat was first worn as a symbol of the master's degree and existed in various forms. The mortarboard style comes to us from Oxford University. When academic costumes came to America in 1754, styles were quite varied. In Europe, they still are; however, in our country, usage has been standardized by the Intercollegiate Code of Academic Costume.

GERALD D. HINES COLLEGE OF ARCHITECTURE AND DESIGN

Bachelor's Degree	<i>Tassel: Violet</i>
Master's Degree	<i>Hood: Violet</i> <i>Tassel: Black</i>

KATHRINE G. MCGOVERN COLLEGE OF THE ARTS

Bachelor's Degree	<i>Tassel: Brown</i>
Master's Degree	<i>Hood: Brown</i> <i>Hood (Music): Pink</i> <i>Tassel: Black</i>
Doctoral Degree	<i>Hood: Pink</i> <i>Tassel: Red</i>

C. T. BAUER COLLEGE OF BUSINESS

Bachelor's Degree	<i>Tassel: Dark Blue</i>
Master's Degree	<i>Hood: Drab</i> <i>Tassel: Black</i>
Doctoral Degree	<i>Hood: Dark Blue</i> <i>Tassel: Red</i>

COLLEGE OF EDUCATION

Bachelor's Degree	<i>Tassel: Light Blue</i>
Master's Degree	<i>Hood: Light Blue</i> <i>Tassel: Black</i>
Doctoral Degree	<i>Hood (Ed.D.): Light Blue</i> <i>Hood (Ph.D.): Dark Blue</i> <i>Tassel: Red</i>

CULLEN COLLEGE OF ENGINEERING

Bachelor's Degree	<i>Tassel: Orange</i>
Master's Degree	<i>Hood: Orange</i> <i>Tassel: Black</i>
Doctoral Degree	<i>Hood: Dark Blue</i> <i>Tassel: Red</i>

CONRAD N. HILTON COLLEGE OF GLOBAL HOSPITALITY LEADERSHIP

Bachelor's Degree	<i>Tassel: Navy</i>
Master's Degree	<i>Hood: Navy, Red and White</i> <i>Tassel: Black</i>
Doctoral Degree	<i>Hood: Dark Blue</i> <i>Tassel: Red</i>

University of Houston

Commencement Ceremony

UH LAW CENTER

Master's Degree *Hood: Purple*
 Tassel: Black

Doctoral Degree *Hood: Purple*
 Tassel: Red

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Bachelor's Degree *Tassel: Citron*

Master's Degree *Hood: Citron*
 Tassel: Black

Doctoral Degree *Hood: Dark Blue*
 Tassel: Red

TILMAN J. FERTITTA FAMILY COLLEGE OF MEDICINE

Doctor of Medicine Degree
 Hood: Kelly Green
 Tassel: Red

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Bachelor's Degree *Tassel: Golden Yellow*

Master's Degree *Hood: Golden Yellow*
 Tassel: Black

Doctoral Degree *Hood: Dark Blue*
 Tassel: Red

COLLEGE OF NURSING

Bachelor's Degree *Tassel: Apricot*

Master's Degree *Hood: Apricot*
 Tassel: Black

COLLEGE OF OPTOMETRY

Master's Degree *Hood: Gold*
 Tassel: Black

Doctor of Philosophy Degree
 Hood: Royal Blue
 Tassel: Red

Doctor of Optometry Degree
 Hood: Seafoam Green
 Tassel: Red

COLLEGE OF PHARMACY

Bachelor's Degree *Tassel: Olive*

Master's Degree *Hood: Olive*
 Tassel: Black

Doctor of Philosophy Degree
 Hood: Royal Blue
 Tassel: Red

Doctor of Pharmacy Degree
 Hood: Olive
 Tassel: Red

GRADUATE COLLEGE OF SOCIAL WORK

Master's Degree *Hood: Citron*
 Tassel: Black

Doctoral Degree *Hood: Citron*
 Tassel: Red

COLLEGE OF TECHNOLOGY

Bachelor's Degree *Tassel: Maroon*

Master's Degree *Hood: Maroon*
 Tassel: Black

HOBBY SCHOOL OF PUBLIC AFFAIRS

Master's Degree: *Hood: Peacock Blue*
 Tassel: Peacock Blue

Ceremonial Symbols



THE SEAL

Throughout history, seals have been used to authenticate official documents. The University of Houston and UH System seals both bear the Official Seal of Arms of General Sam Houston, as handed down to him from his noble ancestors. It includes the escutcheon in the center of the seal — consisting of checkered chevrons denoting nobility — and three martlets, gentle lowland birds that symbolize peace and deliverance. A winged hourglass is placed above the shield. Surmounting this is the motto “In Tempore,” meaning “In Time.” The greyhounds indicate speed of giving aid. The UH seal was first adopted in 1938 as the present campus was established. Although the look of the seal has evolved over the years, the first version was etched into the floor of the Roy G. Cullen Building.



UNIVERSITY MACE

The University Mace, which is carried in academic processions, is a staff symbolizing the University’s authority and unity. The tradition of the academic mace began in the late 14th century when two ancient instruments, the royal scepter and the battle mace, were combined to form a university president’s symbol of authority.

THE ALMA MATER

All hail to thee,
 Our Houston University.
 Our hearts fill with gladness
 When we think of thee.
 We’ll always adore thee
 Dear old varsity.
 And to thy memory cherished,
 True we’ll ever be.

Words and music by Harmony Class of 1942

University of Houston

Commencement Ceremony

Academic Honors

Academic honors are based on the requirements of the catalog year students entered the University. The final designation for honors is determined by the Provost's Office upon final completion of all degree requirements.

Undergraduates who have graduated with the stated academic honors have achieved the following grade point averages earned in the last 54 hours completed at the University of Houston.

3.90 TO 4.0 Summa Cum Laude (with Highest Honors)

3.70 TO 3.89 Magna Cum Laude (with High Honors)

3.50 TO 3.69 Cum Laude (with Honors)

This roster does not include the names of degree holders who chose to withhold information under the Federal Education Rights and Privacy Act.

Summa Cum Laude – 4.0 GPA Graduates

The following graduates are recognized for achieving Summa Cum Laude with a 4.0 cumulative grade point average while also completing their degree within four years of starting their first semester in college at the University of Houston.

FALL 2022

Diana Allemakovna Bucumi
Bachelor of Business Administration in Finance
C. T. BAUER COLLEGE OF BUSINESS

Sarah Bunjaku
Bachelor of Business Administration in Finance
C. T. BAUER COLLEGE OF BUSINESS

Midhat Zehra Jafry
Bachelor of Science in Biology
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS
Bachelor of Science in Liberal Studies
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Charles M. Loh
Bachelor of Business Administration
in Management Information Systems
C. T. BAUER COLLEGE OF BUSINESS

Elizabeth A. Lopez-Aguilar
Bachelor of Arts in Strategic Communication
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Reagan L. Mccawley
Bachelor of Science in Psychology
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Natalia X. Perez Navarro
Bachelor of Arts in History
COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Nhi K. Nguyen
Bachelor of Business Administration
in Management Information Systems
C. T. BAUER COLLEGE OF BUSINESS

Rebecca M. Ramos
Bachelor of Business Administration
in Management Information Systems
C. T. BAUER COLLEGE OF BUSINESS

Kimberly Shen
Bachelor of Science in Global Hospitality Leadership
CONRAD N. HILTON COLLEGE OF GLOBAL HOSPITALITY LEADERSHIP

Yvana Suarez
Bachelor of Business Administration in Finance
C. T. BAUER COLLEGE OF BUSINESS

The President's Medallion

CULLEN FOUNDATION

A true pillar of the community, The Cullen Foundation is dedicated to improving the quality of life of all people in Houston through sustained investments in high-performing education, health care, public service and cultural arts. Since its inception in 1947, the Foundation has distributed over \$500 million in grants supporting

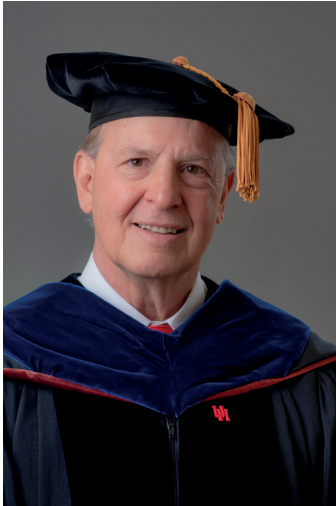
numerous Houston institutions, including the Museum of Fine Arts Houston, YES Prep Public Schools, Memorial Park Conservancy, New Hope Housing and The Houston Food Bank, among others. In its 75 years of existence, The Cullen Foundation has given more than \$82 million to the University of Houston System.

The Foundation was established by Hugh Roy and Lillie Cranz Cullen and, today, Cullen family members carry on their legacy of philanthropy through active roles as directors of the Foundation. The Cullen family and The Cullen Foundation have been generous and longtime supporters of the University of Houston, with Hugh Roy Cullen's support dating back to the University of Houston's first decade. A devoted champion of the University, during his lifetime he gave millions to various UH projects, served as chairman of the then University of Houston Board of Regents and had the College of Engineering named after him in honor of his unyielding philanthropy.

In 2013, the Foundation pledged \$10 million to UH's historic "Here, We Go" campaign, funding two new endowed chairs, support of the dean's chair in the Kathrine G. McGovern College of the Arts, the Hewlett Packard Enterprise Data Science Institute and multiple buildings. In 2020, \$600,000 was given to the Roy Cullen Building Renovation Fund. To address learning loss during the pandemic, in 2021, the Cougar Tutors Instructional Recovery Partnership received \$500,000 from The Foundation. The generous gift enabled instructional recovery for students at six Houston-area charter schools.

The President's Medallion is awarded at the sole discretion of the President to organizations that have distinguished themselves by their support of the University of Houston.





Cullen College of Engineering
UNIVERSITY OF HOUSTON

Message from the Dean

Dear Engineering Graduates,

The road to reach today's tremendous milestone was not an easy one and required thousands of hours of studying, conducting research, interning, giving back to the community, and so much more. You know better than anyone else how much sacrifice and dedication is needed to pursue an engineering degree – it is a challenging, but worthwhile endeavor. As you approach the stage today, take pride in knowing that you are among the best, brightest and most committed engineers the world will ever know, and I am beyond proud to have been your dean.

As you leave our labs and classrooms, I encourage you to ask questions and challenge the status quo. By asking questions, we introduce the need for change. As engineers, we have the power to create lasting impacts and perhaps, if we are lucky, leave the world a better place than we found it.

Although you represent a wide variety of backgrounds and disciplines, today you all have one thing in common – you are all part of the Cougar Engineering family, now and always. Remember to work hard and to support each other where you can. Everything else will fall into place.

Congratulations, Cougar engineers! I look forward to seeing the impact your bright futures and careers will have on our world. Please stay in touch and keep me updated on your successes: dean@egr.uh.edu.

Sincerely,

Joseph W. Tedesco
Dean and Professor
Elizabeth D. Rockwell Endowed Dean's Chair

University of Houston
Cullen College of Engineering

Commencement Ceremony
Saturday, December 17, 2022, 2 p.m.
Fertitta Center

PROCESSIONAL	Moores School of Music Honorary Grand Marshal College Banner Bearers Grand Marshals Faculty Candidates for Graduation Platform Party
CALL TO ORDER	Jagannatha Rao <i>Associate Dean, Undergraduate Programs and Distance Learning</i>
PRESENTATION OF COLORS	Houston Battalion ROTC Color Guard
NATIONAL ANTHEM	Moores School of Music
WELCOME AND INTRODUCTION OF PLATFORM PARTY	Joseph W. Tedesco <i>Elizabeth D. Rockwell Dean</i>
GREETINGS FROM THE UH SYSTEM BOARD OF REGENTS	The Honorable Durga D. Agrawal <i>Secretary</i>
GREETINGS	Renu Khator <i>President</i>
PRESENTATION OF PRESIDENT’S MEDALLION	The Cullen Foundation
PRESENTATION OF ACADEMIC AND SPECIAL HONORS	Associate Dean Rao
DEGREE PRESENTATION	Dean Tedesco
CONFERRAL OF DEGREES	President Khator
CLOSING REMARKS	Dean Tedesco
ALMA MATER	Moores School of Music
RECESSIONAL	Moores School of Music

Summer 2022 – Graduates

DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

Amareswararao Kavuri

Perceptually Relevant Measurements in
Tomosynthesis Imaging

ADVISOR: Dr. Mini Das

Rongwei Lei

The Application Of Biomarkers In Point
Of Care Testing

ADVISOR: Dr. Chandra Mohan

DOCTOR OF PHILOSOPHY IN CHEMICAL ENGINEERING

Atul Goyal

Detection of Biomolecules using Novel
Approaches

ADVISOR: Dr. Richard C. Willson

Abhay Gupta

Analysis and Design of Structured
Multi-Functional Trapping Catalysts for
Conversion of Hydrocarbons and NO_x
from Diesel and Advanced Combustion
Engines

ADVISOR: Dr. Michael P. Harold

Deependra Parmar

Tuning Zeolite Properties and
Understanding Reaction Mechanisms to
Optimize Catalytic Performances

ADVISOR: Dr. Jeffrey Rimer

Bhuiyan Mushfikur Md Rahman

Low Temperature NO_x Trapping in
Pd-exchanged Zeolites Passive NO_x
Adsorbers: Density Functional Theory
Simulations, Transient Microkinetic
Modeling and Bond Analysis

ADVISORS: Dr. Lars C. Grabow and
Dr. Michael P. Harold

Meet Vipulkumar Shah

Bifurcation and Stability Analysis of
Temperature Patterns in Shallow-bed
Catalytic Reactors

ADVISOR: Dr. Vemuri Balakotaiah

Xiaohui Zhao

Site Requirements, Kinetics, and Product
Inhibition for Alkane Oxidation over
Non-stoichiometric Bulk Metal Oxides

ADVISORS: Dr. Praveen Bollini and
Dr. Jeffrey D. Rimer

DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING

Dilani Shanika Gunawardhana Loku

Kuruppu Arachchige Dona
Combining Quantum Dot Nanoparticles
with Expansion Microscopy Enables
Three-Dimensional Wide-Field Super-
Resolved Imaging

ADVISOR: Dr. David Mayerich

Nareg Ohannesian

Advances in Plasmonic Biosensing
Towards Detection, Quantitative Analysis
and Molecular Profiling of Single
Exosomes for Cancer Diagnosis.

ADVISOR: Dr. Wei-Chuan Shih

Anant Kumar Singh

Optimum Control for Minimization of
Torque Ripple in Synchronous Reluctance
Machines

ADVISOR: Dr. Kaushik Rajashekara

Pengyu Yuan

Better Generalization with Less Human
Annotation Using Meta-Learning and
Self-Supervised Learning for Image
Analysis

ADVISOR: Dr. Hien Van Nguyen

DOCTOR OF PHILOSOPHY IN MATERIALS SCIENCE AND ENGINEERING

Hamidreza Fallahtafti

Flexible Energy Storage Devices, Electric
Double Layer Capacitor (Supercapacitor)
with Gel Polymer Electrolyte

ADVISOR: Dr. Alamgir Karim

Pegah Faria

Soft Confinement Pattern Induced
Segregation of Homopolymer Blends of
Disparate Chain Dimensions

ADVISOR: Dr. Alamgir Karim

Nam-In Kim

Flexible Piezoelectric Sensors Based
on Single-Crystalline III-N Thin Films
for Personal-Healthcare and Extreme-
Environment Applications

ADVISOR: Dr. Jae-Hyun Ryou

Mahesh Kumar Paidpilli

Development of 50-Meters Length Thick
Film REBCO Coated Conductors

ADVISOR: Dr. Venkat Selvamianickam

DOCTOR OF PHILOSOPHY IN MECHANICAL ENGINEERING

Yitong Hao

Non-Dimensional Data-Driven Models of
Computational Fluid Dynamics (CFD) of
Multi-Phase Flow in Annulus

ADVISOR: Dr. Yitong Hao

Zixu Huang

Zwitterionic Polymers for Durable
Antibacterial Surfaces

ADVISOR: Dr. Hadi Ghasemi

Nimish Vijay Jagtap

Scientific Machine Learning Methods
For Reactive-Transport And Thermal-
Transport Problems

ADVISOR: Dr. Kalyana Nakshatrala

MASTER OF SCIENCE IN AEROSPACE ENGINEERING

Vanessa Jaramillo

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

Jessica A. Castillo

Mason V. Garza

Shaian Mohammadian

Katherine-Phuong Minh Pham

Sara Nelum Samarasekara

**MASTER OF CHEMICAL
ENGINEERING**

Richard Ortiz

**MASTER OF SCIENCE
IN CIVIL ENGINEERING**

Jacob Christian Edge
Nagesh Horakedevpura Ramaswamy
Roshini Thurpati

**MASTER OF SCIENCE IN
COMPUTER AND SYSTEMS
ENGINEERING**

Lan N. Dao
Saisrinivasan Ramachandran

**MASTER OF ELECTRICAL
ENGINEERING**

Julio Thierry Epassa

**MASTER OF SCIENCE IN
ELECTRICAL ENGINEERING**

Ekta Chaurasia
Sang Minh Nguyen
Yawei Su

**MASTER OF SCIENCE
IN ENVIRONMENTAL
ENGINEERING**

Christianne Prieto

**MASTER OF SCIENCE
IN GEOSINING SYSTEMS
ENGINEERING**

Ziyue Dang

**MASTER OF SCIENCE IN
INDUSTRIAL ENGINEERING**

Sepehr Soltani

**MASTER OF INDUSTRIAL
ENGINEERING**

Chimaobi Ihuoma
Praveen Kumar Dasu
Isaiah Asher Gerald

**MASTER OF SCIENCE IN
MATERIALS SCIENCE AND
ENGINEERING**

John Antonio Ordonez
Jagadesh Veerasamy

**MASTER OF SCIENCE
IN MECHANICAL
ENGINEERING**

Vinay Shyam Bongarala
Kylie Quinn Hornbeck
Aman Kaushik
Ashkan Mahmoudi

**MASTER OF SCIENCE IN
PETROLEUM ENGINEERING**

Jomana Tarik Nabil Abdel Razik

**MASTER OF SCIENCE IN
SPACE ARCHITECTURE**

Jasleen Kaur
Ricardo Domingos Miguel

**MASTER OF SCIENCE IN
SUBSEA ENGINEERING**

Venkata Kamala Sameera Rednam

**BACHELOR OF SCIENCE IN
BIOMEDICAL ENGINEERING**

Raeedah Hassan H. Alsayoud³
Patrick David Calderon
Xanthona Carmona

**BACHELOR OF SCIENCE IN
CHEMICAL ENGINEERING**

Sophie Marie Gerits
Yusef A. Haikal³

**BACHELOR OF SCIENCE
IN CIVIL ENGINEERING**

Tatiana Azar²
Vincent M. Cleetus
Abdelhadi Hamel
Basil P. Maleril
John Albert Mc Namara
Myriam Kankolongo Muswamba

**BACHELOR OF SCIENCE IN
ELECTRICAL ENGINEERING**

Ismael Allegue

**BACHELOR OF SCIENCE
IN MECHANICAL
ENGINEERING**

Sohaib Aldayem
Lavar Corleone Brown
Jason T. Cuachon
Cesar Augusto Malpica
Raul Perales

**BACHELOR OF SCIENCE IN
PETROLEUM ENGINEERING**

Austin J. Lee

Fall 2022 – Candidates for Graduation

DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

Yogeshwari Sanjayrao Amberkar
Multimodal Imaging of Neural Tube
Using Optical Coherence Tomography
and Brillouin Microscopy
ADVISOR: Dr. Kirill V. Larin

Kristen R. Brosamer
Lateral Flow Assays for Clinically
Relevant Targets: Rational Design and
Sensitivity Enhancement Strategies
ADVISOR: Dr. Richard Willson

Pierto Antonio Cicalese
ADVISOR: Dr. Chandra Mohan

Feng Fang
Brain Controllability Analysis
ADVISOR: Dr. Yingchun Zhang

Chung-Fan Kuo
An in Vitro Investigation on Polymeric-
Core Lipid Nano-carriers' Transport
across Biological Barriers and Use for
Delivery of Cancer Therapeutics
ADVISOR: Dr. Sheereen Majd

Oman Magana Tellez
Generating Artificial Neural Signals to
Improve the Training of Reinforcement
Learning Brain-Computer Interfaces
ADVISOR: Dr. Joseph Thachil Francis

Fereshteh Mirab
Development, Characterization,
and Performance Evaluation of
Nanoliposomes with Tunable Rigidity for
Delivery Applications
ADVISORS: Dr. Dmitri Litvinov and
Dr. Sheereen Majd

DOCTOR OF PHILOSOPHY IN CHEMICAL ENGINEERING

Sayed Golam Mohiuddin
Pleiotropic Actions of Phenothiazine
Drugs are Detrimental to Bacterial
Persister Cells
ADVISOR: Dr. Mehmet A. Orman

Ali Rezvan
Functional Metrics of Efficacious CAR
T Cells Revealed by Multi-Dimensional
Single-Cell Profiling
ADVISOR: Dr. Navin Varadarajan

Arash Saeedi
Engineering Non-Cytotoxic Delivery of
Proteins by T cells via Fusion to NPC2
ADVISOR: Dr. Navin Varadarajan

Lakshmanji Verma
Molecular Motions During Nucleation
and Crystallization from Organic
Solvents: An All-atom Molecular
Dynamics Perspective
ADVISORS: Dr. Peter G. Vekilov and
Dr. Jeremy C. Palmer

Chenghao Wang
Using Density Functional Theory to
Study the Catalytic and Electronic
Properties of Metals and Metal Oxides:
Focus on H₂ Activation and CO₂
Desorption
ADVISOR: Dr. Lars C. Grabow

Dong Zhang
Numerical Simulation of an Argon-
Oxygen Dielectric Barrier Discharge and
Comparison to Experimental Data
ADVISORS: Dr. Vincent M. Donnelly and
Dr. Demetre J. Economou

DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING

Taher Chengini
Large-scale Process-based Urban
Hydrological Modeling Framework
ADVISOR: Dr. Hong-Yi Li

Lin Su
Waves Generated by Moving Vessels and
Cnoidal Wave Interaction with Partially-
submerged Vertical Structures
ADVISOR: Dr. Keh-Han Wang

DOCTOR OF PHILOSOPHY IN ELECTRICAL ENGINEERING

David Euguren
Design and Evaluation of a Powered
Lower-Limb Exoskeleton for Pediatric
Gait Rehabilitation and Mobility
ADVISOR: Dr. Jose Luis Contreras-Vidal

Guangxia Feng
Study the Interfacial Chemical Reactions
on Battery Electrodes Using Operando
Imaging Techniques
ADVISOR: Dr. Xiaonan Shan

Yuchen Jin
Geophysical Inversion Enhanced by Deep
Learning
ADVISOR: Dr. Jiefu Chen

Md Ashiqur Rahaman Khan
Pressure-Property Relationships in High-
Performance Elastomers
ADVISOR: Dr. Ramanan Krishnamoorti

Chaoxian Qi
Towards a Unified Framework for
Inverse Source Problems and Multiscale
Modeling in Layered Media
ADVISOR: Dr. Jiefu Chen

Mohsen Rakhsanderhroo
Determination of Tissue Optical
Properties Using Angle-Resolved
Reflectance/Transmission (ARRT) And,
Fabrication of Cylindrical Lens Used In
Smartphone Light-Sheet Microscopy
ADVISOR: Dr. Wei-Chuan Shih

Arun Venkatesh Ramesh
Exploring System Flexibility, Addressing
Computational Benefits and Application
of Artificial Intelligence for Power System
Operations
ADVISOR: Dr. Xingpeng Li

Vinay Rathore
Isolated Multilevel DC-DC Converters
for Interfacing Battery Energy Storage
Systems to Grid and Electric Vehicles
ADVISOR: Dr. Kaushik Rajashekara

Mohammad M. Sultan
The Reachable Set for a Drone
ADVISOR: Dr. Aaron T. Becker

Commencement Ceremony

Tian Tong

Photoacoustic Laser Streaming
Phenomena, Mechanisms and
Applications

ADVISOR: Dr. Jiming Bao

Qiyu Wan

Designing Highly-Efficient Hardware
Accelerators for Robust and Automatic
Deep Learning Technologies

ADVISOR: Dr. Xin Fu

**DOCTOR OF PHILOSOPHY
IN GEOSENSING SYSTEMS
ENGINEERING AND
SCIENCE**

Mary Camille Barlow

An Automated Approach for Detection
of Ephemeral Stream Boundaries for
Isolating Geomorphic Change over a
Multi-Valley Scale: McMurdo Dry Valleys,
Antarctica

ADVISOR: Dr. Craig Glennie

**DOCTOR OF PHILOSOPHY
IN MATERIALS SCIENCE
AND ENGINEERING**

Le Cai

Pressure-Property Relationships in
High-Performance Elastomers

ADVISOR: Dr. Ramanan Krishnamoorti

Kuan Cheng

Development of Flexible Triboelectric
Nanogenerators and All-solid Lithium-
ion Polymer Batteries for Energy
Conversion and Storage Purposes

ADVISOR: Dr. Haleh Ardebili

Banafsheh Hekmatnia

Flexible and Stretchable Lithium-
ion Battery Based on Solid Polymer
Electrolyte

ADVISOR: Dr. Haleh Ardebili

Rohit Hemant Jain

Metalorganic Chemical Vapor Deposition
of REBCO on Various Substrates and
Correlation of its Superconducting
Properties for High Frequency and
Functional Applications

ADVISOR: Dr. Venkat Selvamnickam

Mohammadjavad Mohebinia

Bismuth Oxyhalide Nanosheets with
Adjustable Band Edge Potentials for
Photocatalytic Ammonia Generation

ADVISOR: Dr. Jiming Bao

Sahil Sharma

Development of Inexpensive and Flexible
Single Junction GaAs Solar Cells for
Photovoltaics Applications using novel
Cost Reduction Strategies

ADVISOR: Dr. Venkat Selvamnickam

Miad Yarali

Ultra-Wide Bandgap AlN Based
Semiconductor Materials for
Optoelectronic and Sensing Devices

ADVISOR: Dr. Jae-Hyun Ryou

Chuqing Yuan

Control of Imprint Ability, Morphology,
and Phase Behavior in Various Polymer
Thin Films with Ionic Additives

ADVISOR: Dr. Alamgir Karim

**DOCTOR OF PHILOSOPHY
IN MECHANICAL
ENGINEERING**

Siwei Chen

Reel-to-reel Characterization towards
Feedback Control in Manufacturing
Long REBCO High-Temperature
Superconducting Tapes

ADVISOR: Dr. Venkat Selvamnickam

Md Afzal Hossain

ADVISOR: Dr. Theocharis Baxevanis

Vignesh Jeganathan

Controlling Secondary Flows in
Turbulent Taylor-Couette Flow Using
Surface Heterogeneity

ADVISOR: Dr. Rodolfo Ostilla Monico

Sai Prabhath Katchi

Modeling of Lubrication in Three
Dimensional Wavy
Elastomeric Seals

ADVISOR: Dr. Ralph W. Metcalfe

Mina Moradnia

Title: Single-Crystalline III-N Film
Growth for Photonic, Electronic, Sensing,
and Energy Harvesting Applications

ADVISOR: Dr. Jae-Hyun Ryou

Kosar Mozaffari

The Interaction of Nonlinear
Deformation and Electrostatics with
Applications for Designing New
Materials and Explaining Natural
Phenomena

ADVISOR: Dr. Pradeep Sharma

Christopher Martin Ortega

Multilayer Track Etched Porous
Templates for Unconventional Functional
Nanostructure Manufacturing and
Applications

ADVISOR: Dr. Li Sun

Shengbin Wang

Jellyfish-inspired Robots Enabled by Soft
and Hard Actuators

ADVISOR: Dr. Zheng Chen

Bo Yu

Development of high-performance
flexible poly-Si thin film transistors and
GaAs PIN photodiode for X-ray imaging

ADVISOR: Dr. Venkat Selvamnickam

Chuanze Zhang

Physical Vapor Deposition of Biaxially-
Texture Thin Films on Different
Substrates

ADVISOR: Dr. Venkat Selvamnickam

**DOCTOR OF PHILOSOPHY
IN PETROLEUM
ENGINEERING**

Ahmed Nabil A. Aldughather

Reactance Based Self Sensing Well
Cement

ADVISOR: Dr. George K. Wong

Alessandra Isabel Simone

Modeling the Compressional Velocity
of Unconventional Reservoirs Using
High Resolution Scanning Acoustic
Microscope Measurements

ADVISOR: Dr. Michael Myers

**MASTER OF SCIENCE IN
AEROSPACE ENGINEERING**

Luke Chirstian Nicholson

Lynn V. Tran

Steve Hoang Tran

Abraham Vega

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

Syed Sheahan Ahmed
Anjan Nagesh Ballekere
Jill Elizabeth DeVries
Chienyem Nene Ezike
Isaiah Olaniyi Farayola
Manisha Jha
Javier Amadeus Magana
Samara Sharpe
Alexus Smith
Henry Lewis Staten

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Vinay Nuka

MASTER OF SCIENCE IN CIVIL ENGINEERING

Ciro Ariza
Holly Denise Estes
Nihar Shaileshbhai Khamar
Akhil Kumar
Ganna Leiko
Evan James Marshall
Abdul Rafae Mohammed
Kelly Renee Parish
Ana Karen Ordonez Dominguez
Oussama Romdhani
Sri Harsha Thummuru

MASTER OF SCIENCE IN COMPUTER AND SYSTEMS ENGINEERING

Sujay Bhujanga Shaunak
Ajay Kumar Dhakal
ThienDinh Dinh
Raymond Fey
Vinh Quoc Hoang
Mahima Konda
Sathya Narayanan Krishnakumar
Tanya Kumar
Gomathi Manisha Bala Muthukumaran
Syed K. Naqvi

Ali Sura Ozdemir
Vishal Keshav Sridhar
Sai Pruthvi Srigiri

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Ashok Kumar Bajawada
Marcus Burnside
Fatima Nafis Chowdhury
Binh Luong Duong
Lucas K. Fortune
Rupesh Gudivada Kodanda Naidu
Dat Van Nguyen
Ugochukwu Sylvester Okafor
Prudhvi Pasapuleti
Steve J. Philip
Parthasarathi Ponnappalli
Blessed Takudzwa Sungisai
Timothy Vriend

MASTER OF SCIENCE IN ENGINEERING DATA SCIENCE

Sai Sri Harsha Ambati
Naga Satya Anusha Atluri
Ram Ganesh
Jayakeshav Reddy Bhumireddy
Siva Subrahmanya Prasanna Kuma Bojja
Upendra Gadiparthi
Prashanth Kumar Gajula
Venkata Siva Prasad Gali
Lokesh Chowdary Ganta
Nikhil Chowdary Gorantla
Sindhura Gundubogula
Sai Kiran Immadisetty
Krishnaveni Katta
Rajashekhar Reddy Kolagotla
Vinaykumar Kundarapu
Sandeep Reddy Kunduru
Sasidhar Mahamkali
Sri Sai Lochana Meesala
Rama Linga Reddy Modugu
Namratha Murariker
Sushma Nagesh
Mrudula Reddy Nagireddy

Omkar Aniruddha Nagnur
Srikanth Reddy Nimmala
Saivardhan Reddy Nomula
Mahandar B. Oad
Anirudh Pallerla
Koushik Panem
Sudharsan Ragothaman
Sheetal Kumar
Mallika Veeravalli

MASTER OF ENGINEERING MANAGEMENT

Moses Joshua Arredondo

MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Luis Raul Barco
Gabriela M. Campa Maldonado
Sean Kennelly
Marfua Mowla
Jorge Brian Sanchez
Sasha N. Walker

MASTER OF SCIENCE IN GEOSENSING SYSTEMS ENGINEERING AND SCIENCES

Son Kim Do
Ihab Hani Shaheen

MASTER OF INDUSTRIAL ENGINEERING

Vivek Vardhan Arrabelli
Sivaranjini Bahuleyan Pillai Sobhana
Sai Akash Bonam
Cheick Dapui-Yimba Tidiane Dera
Arjun Jayendra Deshmukh
Eashwitha Gali
Vikhyaath Gangineni
Yasharth Gautam
FNU Gautam Kumar
Amir Mehdi Ghazifard
Siddarth Hegde

Commencement Ceremony

Nagaraju Jakkala
Kevin George James
Annan Kaisar
Jayanth Kalakuntla
Tejas Ravindra Kamthe
Venkat Sai Sri Ram Karuturi
Darshit Ghanshyam Khuthiya
Syama Venkata Sesha Sai Kota
Rohit Kumar
Rosangel Gabriela Limongi Cifelli
Nagasri Harsh Kumar Mahankali
Hrutvik Dashrathbhai Makawana
Nidhi Harish Mehta
Namita Mishra
Jaydev Umakant Mistri
Dhawal Dinesh Mistri
Asif Ali Khan Mohammed
Deepti Nair
Bhanu Prakash Nandi
Sai Phanindra Nanneboyina
Jyoti Negi
Manoj Mangilal Paliwal
Kartik Pravinkumar Panchal
Harjot Singh Pooni
Harsh Prakalp Rane
Mayur Dattatray Ranmale
Akshay Vishwanath Raut
Sabari Giri Naath Saesun Amarnath
Pradheep Sakthivel
Shailesh Satish
Suha Sensoy
Lipi Manishkumar Shah
Karthick Solayappan
Karthik Thirupathi Sekar
Balazs Krisztian Varga
Aditya Vinay Vora
Sudeep Kumar Yalamanchili
Aliky Zamfes

**MASTER OF SCIENCE
IN MATERIALS SCIENCE
AND ENGINEERING**

Nishat Tarin

**MASTER OF MECHANICAL
ENGINEERING**

Nicholas Tavio Boselli
Nimair Naushad Ghulamani
Tram Anh Huynh Vo
Pyae Phyo Zaw

**MASTER OF SCIENCE
IN MECHANICAL
ENGINEERING**

Jaydipkumar Narotambhai Baria
Lan Cao
Kaylan Lee Clark
Ramon Gallardo
Danny William Guevara
Rajpiraveen Parthiban
Robert Perez
Minh Le Pham
Burhan Ul Hassan Qureshi
Steve Hoang Tran
Enrique Villareal

**MASTER OF PETROLEUM
ENGINEERING**

Behnia Ahmadirad
Rodrigo Salcido

**MASTER OF SCIENCE IN
PETROLEUM ENGINEERING**

Thales De Oliveira Souza
Murtaza Ahmed Khan

**MASTER OF SCIENCE IN
SPACE ARCHITECTURE**

Simone Ashley Holmes
Ayush Khandelwal
Krystofer Leonard Moreira Dudzinski
Veronica Pesenti
Hannah Noelle Seymour

**MASTER OF SCIENCE IN
SUBSEA ENGINEERING**

Anthony Paschal Colalillo

**BACHELOR OF SCIENCE IN
BIOMEDICAL ENGINEERING**

Kinda Emad Aladdasi ²
Barbora Bobakova ³
Zarmeen Khan
Fariz Athar Nazir
Alexandrul Neagu ³
Yader NicolasNino ³
Austin H. Routt⁴
Aliza Sajid
Loren DanielleThompson ³

**BACHELOR OF SCIENCE IN
CHEMICAL ENGINEERING**

Casey A. Freeman ²
Hao Van Huynh ³

**BACHELOR OF SCIENCE
IN CIVIL ENGINEERING**

Ibad Aamir
Sarah Mohamad Almasri ³
Brianna F. Canjura
DuyVanBao
Cao Emma
Kate Clarke ²
Victor Jose Cruz Hernandez
Mariano Fuentes
Yaman Ghazi²
Ragaed M. Husainat
Debra Ruth Kendall ²
Talla Khalifeh
Jose Angel Lira
Kevin J. Mendoza ¹
Eric S. Parada ³
Ngoc-Thy Doan Pham
Chanh Bao Phan ²
Monica D. Ramirez ³
Jose Javier Rivera
Alfredo J. Rogel
Marcos Eduardo Salamanca
Dorthy Alynn D. Tapic
Jorge A. Treviño
Alisha Varshney ³
Minh Duy Hoang Vo

¹ Summa Cum Laude - ² Magna Cum Laude - ³ Cum Laude - ⁴ Banner Bearer (highest GPA)

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Faiza Badarpura
Alexander M. Crisco
Erik Stephen Duff ⁴
Mark Escudero
John P. Gomez
Caela Alexie Hermosura Intertas ¹
Tom J. Joseph²
Gantabya Kadel ²
Devid Lamichhane ²
Rodrigo Mascarenhas
Sayra L. Rodriguez ²
Nurul A. Saiym ³
Cenk Birkan Yigit

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Christopher Sean Andrew ²
Jose Manuel Arjon, Jr. ²
Yuval Ashdot
Parsa Azhdarloo ²
George M. Bittar ¹
Mario Andres Blanco
Abderraouf Boubenider ²
Hector Enrique Carrera Gonzalez
Austin B. Castillo
Jackson Forrest Clark
Kumail Mohammed Dhanji
Tuong Vinh Do ¹
Jiakang Du ³
Husein Elsaleh ²
Justin Lee Flores
Christopher Michael Franclemont ¹
Xavier Garcia
Kevin Garmendia Urrutia ¹
Mohammed Kassif
Shawyan Landi
Zachary T. Lequang ³
Clint Anthony Lowe ³
Christopher William McLoughlin ³
Jesus A. Mendoza ²
Zaki M. Mir ³

Jeffrey Michael Nesrsta ¹
Somiah Bopanna Palekanda ³
Kavan A. Patel ¹
Daniel Antonio Rodriguez
David Salazar ³
Robert P. Sipowicz ³
Sarah Catherine Toppert
Avery S. Walker
Jeffrey Martin Wesley

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Giovanna Arteaga ²
Maria A BarreraVega
Sufyan Ghulam Farooq
Jerry J. George
Umer Kamran
Atharva Makarand Kulkarni
Gil Arturo Martinez
Ryan Andrew Schoolar

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Abdulkadir Shujaiddin
Adamjee Abdulhusein ²
Omar S. Aly
Miguel Arias
Trinidad Ariza
Nicolas G. Arriola
Eliasib Baltierrez
Mauricio Barrera ³
Nicolas Betancourt ³
Colten Anthony Chak
Shiv Chopra ³
Keenan R. Descartin
Tyler Rex Dexter
Daniel Dorali ¹
Lawrence J. Dunn ³
Savannah R. Garza
Alexis Gaytan
Carlos Luis Gutierrez Salaverria
Harrison Hazelwood ²

Guillermo Israel Herrera ³
James K. Hilton
Marcos Elian Ibarra
Rmit Lakha
Karishma Maharaj
Evelyn Marquina
Roberto Martin
Jacob E. Martinez
Grace Loraine Martinez
Carlos Matute ³
Nicolai Cordero Moore ³
Hoang Viet Nguyen
Denis Nyarwaya
Joseph C. Palacios
Utienyin-Oritseju Emmanuella Pemu
Servando Peralta
Matthew Alexander Reamer
Jocelyn C. Ramos
Tyler Michael Rhody
Javier Mauricio Rueda
Gustavo Adolfo Santana
Jeffrey Schroeder
Ray George Smith-Lugo
Ashish Sonde
Jacqueline Soria
Dobri Nikolaev Stalev
Jambres E Swann
Tyler D. Todd
John Tu
Macdonald Mmesoma Udokoro
Katherine Vela
David J. Wilson
Matthew Zambrano

BACHELOR OF SCIENCE IN PETROLEUM ENGINEERING

Alena Amin
Sai Sri A. Dudala
Ashly Marjory Garcia
Efosa K. Odeh
Gerardo Olivo, Jr.

¹ Summa Cum Laude - ² Magna Cum Laude - ³ Cum Laude - ⁴ Banner Bearer (highest GPA)





Message from the Dean

Congratulations, Class of 2022!

Today, we gather to celebrate you and your successful journey through the University of Houston and the Honors College.

Know that each of you has made history -- by persevering through a world pandemic, never losing sight of the goal! But the pandemic did not deter you despite unprecedented difficulties.

I've been affiliated with the Honors College for more than 45 years of my 48-year career as a faculty member at the University of Houston. My association began before it was even a college as you know it today – it began as the Honors Program in the 1950s. Since those initial beginnings, I have seen unprecedented growth, both in numbers of students and programs, and in overall quality. I believe that the Honors College provides exceptional opportunities to our students and has become increasingly important to the University.

With the guidance of outstanding faculty and staff, you have thrived and grown as you navigated your way through the Honors College's exceptional academic experiences, unparalleled opportunities in research, and real-world service to the community.

Independent of the path you have taken, you are not in the same place you were when you began this journey, and neither is the College. During your time in Honors, you have been a part of its dynamic growth and development with the addition of new minors, a record-breaking number of awardees of scholarships and major awards, and new opportunities for both research and co-curricular engagement.

As you begin your careers or continue your studies through graduate or professional programs, we know that you'll be well prepared to lead in your chosen field and continue contributing solutions to the grand challenges of tomorrow.

Although you're graduating, the Honors College will always be a part of your life. Stay connected with the College as an alum and I hope you will support the College's programs and scholarships for future generations.

Go Coogs!

Stuart Long
*Interim Dean
and Associate Dean, Undergraduate Research*



The Honors College Honors

The Honors College at the University of Houston offers students special opportunities to develop their academic abilities. Below are the Honors College designations.

University Honors and University Honors with Honors in Major

Students who complete the Honors College curriculum (36 hours) graduate with University Honors. If students also complete a senior honors thesis, they graduate with University Honors with Honors in Major.

Collegiate Honors and Collegiate Honors with Honors in Major

Students who fulfill the requirements for the honors program in the college of their major, including 21 hours of honors courses; who complete an Honors College minor, or who complete 21 hours of approved honors courses. If students also complete a senior honors thesis, they graduate with Collegiate Honors with Honors in Major.

Membership in The Honors College and Membership in The Honors College with Honors in Major

Students who affiliate with the Honors College during their undergraduate years and complete fewer than 21 hours of honors courses. If students also complete a senior honors thesis and fulfill the requirements of their major with distinction, they graduate with Membership in The Honors College with Honors in Major.

Honors in Major

Students who complete a senior honors thesis but are not members of the Honors College.

University Honors with Honors in Major

C. T. BAUER COLLEGE OF BUSINESS

Anna Mayzenberg
Ethan Paquet

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Ashley Dianne Acuna
Marco Antonio Garcia
Hana Osama Mohamad

University Honors

C. T. BAUER COLLEGE OF BUSINESS

Mahin Ahsan
Sheheryar Ali
Jack Alexander Barsotti
Abigail Bryant
Colin Campbell
Blake Bryan Deckard
Derick Adrian Del Rio
Cody Wayne Doyle
Zarius Kersi Engineer
Victoria Escobar
Josh Flynn
Clarissa Juliet Garcia
Vividha Gupta
Megan Tien Harris
Aaron Edward Hart
Trent Cade Holub
Jeline Jabbour
Aamirah Jamal
Amy Quynh Lai
Lindee Le
Sana Nguyen
Emily Nham
Amritha Poozhikunnath Manojkumar
Fernanda Olvera
Jiten Oza
Rebecca Ramos
Mahmood Rameen Rastegari
Alexandra Marie Romero
Emma Francisca Saenz
Chandler Adam Scott
Christianna Simon
Ana Paola Torres Lopez

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Chinonso Nnenna Agodu
Elnora Awatt
Syeda Maryam Beyabani
Kaleb M. Clark
Blake Bryan Deckard
Isabella Frazier
Cira-Marie Frias
Jhoana Marie Icaay Fulgencio
Claire E. Fuller
Connor Adrian Garcia
Maya Annika Garza
Summer Rose Gebrail
Jaelys Gonzales
Michelle Marie Guerra
Josue Guerrero
Daniela M Herrera Almaguer
Amina Aslam Khan
Kush Kinariwala
Marley Knittle
Amina Malik
Suzanne Marie Mastren
Villa Gasper Matovu
Reagan Mccawley
Sondos Moursy
Duc Gia Bach Nguyen
Tag Fouad Osama
Sydney Michelle Perkins
Anna Marie Rowbatham
Amna Zehra Saleem
Hassan A. Syed
Minahil Zaki

KATHRINE G. MCGOVERN COLLEGE OF THE ARTS

Mia L. Garcia

COLLEGE OF EDUCATION

Gabriela Christine McAndrew

CULLEN COLLEGE OF ENGINEERING

Shiv Chopra
Yusef Haikal
John Mcnamara
Marcos Elian Ibarra Montoya
Joseph C. Palacios
Jocelyn Ramos
Dorothy Alynna D. Tapic
Tyler D. Todd

CONRAD N. HILTON COLLEGE OF GLOBAL HOSPITALITY LEADERSHIP

Megan Aimee Schultz

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Shaikh Fatima Afaq
Isaac Thomas Benedict
Sammy A. Bourji
Gabrielle Juliano Co
Emilie Kate Cooper
Shereen Yasser Enan

University of Houston
The Honors College

Mia Franchville
Jacob Daniel Higdon
Amber Marie Hoskins
Jenny Claire Johnson
Richa Kiran
Jesse Andres Martinez
Christian Montemayor
Nha Nguyen

Chukwuedo Kendrix Okeibunor
Gabrielle Olinger
Matthew Philip
Kaela Nicole De Leon Solis
Sammy Taybi
John Tran
Michelle Tran
Daniel Wadhawan

Nadia Ariana Zamany
Vanessa Zambrano

COLLEGE OF TECHNOLOGY

Saamiya Syed
Angela Lumei Young

Collegiate Honors

**COLLEGE OF LIBERAL ARTS
AND SOCIAL SCIENCES**

Camille R. Blanchard
Gabriela Katherine Davila
Victoria Elizabeth Davila
Mareanna Elizabeth Emerson
Alex Ferrer
Walter Figueroa
Jeremiah Kilbane
Imani Elaine Lewis
Helen Louise Long
Amelia A. Mcdill
Jane Ijeoma Onuoha
Enrique Salinas
Kennedy Temple
Nicole Thude
Jaclyn Vaughn

**KATHRINE G. MCGOVERN
COLLEGE OF THE ARTS**

Paulina A. Khotskaia
Phillip Velarde

COLLEGE OF EDUCATION

Mariam Haider

**CULLEN COLLEGE
OF ENGINEERING**

Daniel Dorali
Mark Escudero
Mekiah D. Hickman
Tom Jacob Joseph
Gantabya Kadel
Alexandru Ioan Neagu
Robert Peter Sipowicz
Dobri Nikolaev Stalev

**COLLEGE OF NATURAL
SCIENCES AND
MATHEMATICS**

Shahad Algharrawi
Syeda Zuha Beyabani
Jonathan Dullen
Jing Ming Lim
Angela Beatriz Marroquin
Rania Moin
Syed Mushfiqur Rahman
Karla Fernanda Reynoso Sujo
Zachary Robinson
Robert James Schnur
Slater James Smith
Hannah Wolken

COLLEGE OF TECHNOLOGY

Jade Thanh Nguyen

Membership in The Honors College

**COLLEGE OF LIBERAL ARTS
AND SOCIAL SCIENCES**

Michael Isaac Gutierrez
Jose P. Samperio

**COLLEGE OF NATURAL
SCIENCES AND
MATHEMATICS**

Syed Abidi

Rose Alhajri
Sana Gulzar Ali
Nicholas Hoang
Veronica Pearl Obrien
Emily Song

Honors in Major

**COLLEGE OF LIBERAL ARTS
AND SOCIAL SCIENCES**

Joshua Cornelius



Message from the UH Alumni Foundation Board President

Congratulations 2022 Graduates!

Let me be the first to welcome you to the UH Alumni Association. You are joining a global network of over 305,000 Cougars. With your participation, we can only grow stronger. As you embark on this next chapter, know that your Alumni Association is here to help you stay connected with your beloved alma mater. From volunteering, using your UH Go app to login as an alumnus, joining a group, coming to events, to becoming a Life Member, the opportunities to engage are endless.

To start your journey as an alumnus, please click the QR code below so you can enjoy all the activities that soon await you. In the meantime, enjoy this moment and continue to soar.

True we'll ever be and Go Coogs!

A handwritten signature in black ink that reads 'Wayne Lockett'.

Wayne Lockett ('74)
UH Alumni Association Foundation Board President



**Have You Completed
Your Graduation Checklist?**





UNIVERSITY OF
HOUSTON

4302 University Drive
Houston, TX 77204-2018

uh.edu

The University of Houston is an EEO/AA Institution.