





University of Houston
College of Natural Sciences and Mathematics

Commencement Ceremony
Saturday, December 18, 2021, 9 a.m.
Fertitta Center

Message from Renu Khator, <i>President</i>	p. 3
Message from Paula Myrick Short, <i>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. 13
College of Natural Sciences and Mathematics	
Message from Dan Wells, <i>Dean</i>	p. 15
Candidates for Graduation	p. 17
The Honors College	
Message from Bill Monroe, <i>Dean</i>	p. 25
Honors College Graduates	p. 27



UNIVERSITY of HOUSTON



Message from the President

December 17, 2021

Dear University of Houston Graduates,

Congratulations! The moment you've long dreamed of today becomes a reality. Today, you become a college graduate. The long hours, late nights and countless sacrifices have all been worth it. Your hard work has prepared you for a rewarding and successful career.

You are a class of graduates that didn't allow a global pandemic to stop you from achieving your goals. Staying the course during these trying times is a testament to your resilience and tenacity. I have no doubt these same attributes will serve you well as you make your mark in the world. You leave here today educated, equipped and prepared to succeed.

The support of your parents, families and friends, and the encouragement of your UH faculty, advisers and staff have also played a significant part in your success. Remember to thank them for their contribution.

You've received a first-class education here at UH. This is the home of "genius grant" winners, nationally top-ranked academic programs, world-renowned faculty, an NCAA Final Four basketball team, Carnegie-designated Tier One research and so much more. Now, go forward as proud graduates and take the world by storm. I know in my heart that you are now ready and able to be the leaders that our society needs. You are the future we have been waiting for.

With my best wishes for a bright and rewarding tomorrow, 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

Congratulations, Cougars!

I would like to personally congratulate each of you on this momentous achievement. You have worked hard to be here today, and that effort shows.

Your family, friends, mentors and peers have supported you and helped you to arrive at this great time in your life. So, I thank them, as I am sure you also do, for all they have contributed.

I would like to remind each of you to be proud of your time at the University of Houston. You graduate today as future intellectual leaders, researchers, entrepreneurs, healers and artists. Do not forget that you are bound together by your alma mater, and that bond is a strong one. Many of your predecessors have gone on to achieve great success in their professional lives. I wish the same for you.

Whether you are receiving your bachelor's, master's, professional or doctoral degree, you have achieved a major milestone in your life. We are proud of you, and we are proud you are now Tier One University of Houston alumni.

On behalf of all the University faculty and college deans, I congratulate you on your achievements. You are our best and brightest, and we are honored to have been a part of your lives.

Warm regards,

A handwritten signature in black ink that reads "Paula Myrick Short". The signature is written in a cursive, flowing style.

Paula Myrick Short
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
Steve I. Chazen
Derek M. Delgado
John A. McCall Jr.
Beth Madison
Ricky Raven

University of Houston

PRESIDENT

Renu Khator

PRESIDENT'S CABINET

Paula Myrick Short
Theresa M. Monaco Chair for the Provost
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

Vallabh Das
President, UH Faculty Senate

Amr Elnashai
Vice President for Research and Technology Transfer

Lisa Holdeman
*Vice President for University Marketing
and Communications*

Michael Johnson
Chief of Staff

Ramanan Krishnamoorti
Chief Energy Officer

Elwyn C. Lee
Vice President for Neighborhood and Strategic Initiatives

Daniel M. Maxwell
*Interim Vice President for Student Affairs
and Enrollment Services*

Michael Pedé
Associate Vice President for Alumni Relations

Chris Pezman
Vice President for Intercollegiate Athletics and Athletics Director

Jason Smith
Vice President for Governmental Relations

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

University of Houston Deans

Anthony P. Ambler
COLLEGE OF TECHNOLOGY

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
Dean
HOBBY SCHOOL OF PUBLIC AFFAIRS

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

Robert McPherson
Elizabeth D. Rockwell Endowed Dean's Chair
COLLEGE OF EDUCATION

William Monroe
Nancy O'Connor Abendshein Endowed Professor
THE HONORS COLLEGE

Daniel P. O'Connor
Interim Dean
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 HOTEL
AND RESTAURANT MANAGEMENT

Stephen J. Spann
Founding Dean
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 47,000 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 Tassel: Black</i>

KATHRINE G. MCGOVERN COLLEGE OF THE ARTS

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

C. T. BAUER COLLEGE OF BUSINESS

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

COLLEGE OF EDUCATION

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

CULLEN COLLEGE OF ENGINEERING

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

CONRAD N. HILTON COLLEGE OF HOTEL AND RESTAURANT MANAGEMENT

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

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

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 2021

Ryan Chang

Bachelor of Science in Biology

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Rabia Gadrab

Bachelor of Business Administration in Supply Chain Management

C.T. BAUER COLLEGE OF BUSINESS

Julia Nguyen

Bachelor of Business Administration in Supply Chain Management

C.T. BAUER COLLEGE OF BUSINESS

Kelly Nguyen

Bachelor of Business Administration in Finance

C.T. BAUER COLLEGE OF BUSINESS

Kimberly Nguyen

Bachelor of Business Administration in Supply Chain Management

C.T. BAUER COLLEGE OF BUSINESS

Jacob Olsen

Bachelor of Business Administration in Supply Chain Management

C.T. BAUER COLLEGE OF BUSINESS

Precious Amber Vargas

Bachelor of Business Administration in Supply Chain Management

C.T. BAUER COLLEGE OF BUSINESS

Istvan Wang

Bachelor of Science in Computer Science

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Shehzad Yousaf

Bachelor of Science in Computer Science

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS





UNIVERSITY of **HOUSTON**
COLLEGE of NATURAL SCIENCES & MATHEMATICS

Message from the Dean

Dear College of Natural Sciences and Mathematics Graduate,

Congratulations! Today, we celebrate a significant milestone in your educational career.

A few years ago, you came to the University of Houston with a personal goal. Now, you have attained it. Your degree is more than a testament to your hard work; it is the foundation upon which you will build as you continue to learn throughout your lifetime.

Your last years at UH were during one of the most unusual and trying times in recent history. But you adjusted to new ways of delivering courses, social distancing, and changes to how you worked with others to get projects done. Most of all, you persevered. It wasn't always easy, but you succeeded!

As a graduate of NSM, you have proven that you are driven by inquiry, exploration, and innovation. You and your classmates will be the force behind discoveries that will revolutionize our lives and impact our state, nation, and the entire world.

As you leave UH and NSM, you hold the knowledge your professors shared with you, the wisdom you gained as you matured, and the benefit of personal experiences, professional connections, and friendships that will last a lifetime.

The faculty and staff of NSM are proud of your achievements. You have my best wishes for much success and happiness. Go Coogs!

Sincerely,

A handwritten signature in blue ink that reads "D E Wells". The signature is fluid and cursive.

Dan E. Wells, Ph.D.
Dean and Distinguished Professor of Science

University of Houston

College of Natural Sciences and Mathematics

Commencement Ceremony

Saturday, December 18, 2021, 9 a.m.

Fertitta Center

PROCESSIONAL	Moores School of Music
PRESENTATION OF THE COLORS	UH Army ROTC Color Guard
NATIONAL ANTHEM	Moores School of Music
WELCOME AND INTRODUCTORY REMARKS	Dan E. Wells <i>Dean</i> <i>Distinguished Professor of Science</i>
GREETINGS FROM THE PRESIDENT	Renu Khator <i>President</i>
PRESENTATION OF THE DAN E. WELLS OUTSTANDING DISSERTATION AWARD	T. Randall Lee <i>Associate Dean, Research</i>
PRESENTATION OF ACADEMIC HONORS	Donna Stokes <i>Associate Dean</i> <i>Undergraduate Affairs and Student Success</i>
RECOGNITION OF 4.0 STUDENTS	Associate Dean Stokes
PRESENTATION OF DEGREE CANDIDATES	Dean Wells James Briggs <i>Associate Dean, Faculty Affairs</i> Associate Dean Stokes
CONFERRAL OF DEGREES	President Khator
CLOSING REMARKS	Dean Wells
UNIVERSITY OF HOUSTON ALMA MATER	Moores School of Music
RECESSIONAL	Moores School of Music

Summer 2021 – Graduates

DOCTOR OF PHILOSOPHY

Atmospheric Sciences

Alqamah Sayeed
ADVISOR: Yunsoo Choi, Ph.D.

Biochemistry

Dimple Vinayak Chavan
ADVISOR: Richard Willson, Ph.D.

Biology

Ahmad R. Abdulla
ADVISOR: Brigitte Dauwalder, Ph.D.

Kiran Adhikari
ADVISOR: Richard Meisel, Ph.D.

Divya P. Ravirala
ADVISOR: Shaun Zhang, Ph.D.

Chemistry

Amy Elizabeth Boylan
ADVISOR: Jeremy May, Ph.D.

Louise Marie Carino Canada
ADVISOR: Thomas Teets, Ph.D.

Lucas Jose Karas
ADVISOR: Judy Wu, Ph.D.

Yujia Mao
ADVISOR: Shoujun Xu, Ph.D.

Hanh Nguyen
ADVISOR: Olafs Daugulis, Ph.D.

Siwakorn Sakunkaewkasem
ADVISOR: T. Randall Lee, Ph.D.

Zhili Wen
ADVISOR: Judy Wu, Ph.D.

Computer Science

Aobo Jin
ADVISOR: Zhigang Deng, Ph.D.

Geology

Mei Liu
ADVISOR: Paul Mann, Ph.D.

Delaney Elyse Robinson
ADVISOR: Julia Wellner, Ph.D.

Hualing Zhang
ADVISOR: Paul Mann, Ph.D.

Geophysics

Maria Amirzadeh
ADVISOR: John Castagna, Ph.D.

Avradip Ghosh
ADVISOR: Evgeni Chesnokov, Ph.D.

Shuhang Tang
ADVISOR: Hua-wei Zhou, Ph.D.

Mathematics

Deepjyoti Ghosh
ADVISOR: William Ott, Ph.D.

MASTER OF ARTS

Mathematics

Tina Carroll
Justin Allen McGee
Jack Andrew Ogden

MASTER OF SCIENCE

Biology

Clementina Ejiroghene Akpomedaye
Christian Bernard Bartolome Alarcon
Bassell Jacob Alsad
Shaha Tariq Aziz
Julia Draper Chandler
Kyle Hao Chang
Tylyr J. Cromedy
Pamela Djan
Jason Franco-Castano
Kendall Renee Green
Aaron J. Halsey
Mabel Idicula
Surabhi Hemchandra Kumthekar
Aaron M. Marin
Sabrina M. Marmol
Kristina Anqing McLeod-Van Amstel
Shifa Merchant
Alex Andrea Munoz
Dieu Xuan Ngo
Ndidiama Amogechukwu Obi
Sarah Nicole Payne
Katherine Ramirez
Ali Abbas Raza

Eduardo Silveyra
Eloise-Emmanuella Zeba Marie Taha
Jonathan Burt Voltaire
Kaylee N. White
Eric Arthur Xu
Zhao Zheng

Chemistry

Siyeon Im

Computer Science

Terry R. Hodgson
Parth Sanghani
Quang Tri W. Thai

Geology

Grant Michael Cannizzaro
Geraldine Tijerina

Geophysics

Long Minh Ho

Physics

Eric Hoffman
Jack James
Pablo Andres Lopez Duque

Statistics and Data Science

Muhammad Haroon Banatwalla
James Colton Behannon
Joshua Henderson Borders
Charles D. Colgan
Hussein Noordin Mohamedali Gaziza
Madeline Z. Luong
Anushka Anil Nair
Napatsorn Nakapakorn
Anh Quoc Nguyen
Johnny Steven Nino Ladino
Mariah Ochoa
Deep R. Patel
Victor A. Sandoval
Patricia Anne Sieng
Dayana Sosa
Thomas Zhenkang Su
Rafael Suarez
Lillian Vernor
Jia Dong Yu

University of Houston
College of Natural Sciences and Mathematics

Commencement Ceremony

BACHELOR OF SCIENCE

**Biochemical and
Biophysical Sciences**

Thomas B. Cashin
Simina Elena Doina Elefterescu
Talal Abdul Sattar ¹
Joe Sisimit
Mariela Tovias
Kevin Nguyen Vu ³

Biology

Sarah Zafar Ahmed ¹
Alokika Bhakta
Sunita Brimmer ³
Lucas D. Carrillo
Dolores Daniel Facundo ³
Antonella Gargurevich ²
Amari L. Harris
Minh Chau N. Ho ²
Neheen R. Momin ²
Barbara A. Morris ²
Shayan Nasirzadeh
Saniya Parvez Polara ²
Jenny Y. Tran
Rafael Eduardo Turcios

Computer Science

Abdul Mohamin Aamir ²
Osamah Gamil Ali Al Areqi ²
Carlos D. Alvarado Ortuno ³
Miguel Angel Arroyo
Austin P. Bobco
Samita Damani
Miguel Humberto Dominguez
Patricio Garcia
Sergio Rene Garcia ³
William K. Goss ³
Miguel Helguero ³
Linh Hoang ¹
Tristan K. Jones ³
Tommy Le
Johannes Dominic Limano ²
Pouria Narimisa
Chiminh Dan Pascal ¹
Shahrukh A. Sadiq ³
Andreck E. Soto ²
Luis Javier Teran
Andrew Thomson
Rohit Vaidyula ³
Mingyao Yuan

Environmental Sciences

Juan Carlos Olmo

Geology

Kathryn Bowling ³
Rachel A. Nguyen
Kaitlin Jade Thomas

Geophysics

Kenneth William Shipper ³

Honors Biomedical Sciences

Vikas Jwala Amara ²

Mathematics

Dylan Jacob Arabie
Eric Chianti
Jasslyn E. Del Valle
Oscar Adrian Gil
Eric Houston
Steve K. Ngoumnai
Brian Dinh Nguyen
Jennifer S. Penate ²
Jiazheng Shi
Jessa Lee Smith
Jennifer Hung Trinh ³
Muzammil Mohammad Uddin

Fall 2021 – Candidates for Graduation

DOCTOR OF PHILOSOPHY

Atmospheric Sciences

Jia Jung
ADVISOR: Yunsoo Choi, Ph.D.

Yannic Lops
ADVISOR: Yunsoo Choi, Ph.D.

Biochemistry

Collins Aboagye
ADVISOR: Mehmet Sen, Ph.D.

Berra Koskulu
ADVISOR: Robert Schwartz, Ph.D.

Zeinab Moussa
ADVISOR: Mehmet Sen, Ph.D.

Jonathan Rangel
ADVISOR: William Widger, Ph.D.

Nilamani Venisetty
ADVISOR: Hye-Jeong Yeo, Ph.D.

Biology

Maya Reese Farmer
ADVISOR: Blaine Cole, Ph.D.

Jyoti Lama
ADVISOR: Erin Kelleher, Ph.D.

Hannah Locke
ADVISOR: Kerri Crawford, Ph.D.

Joseph Lyle Reeve
ADVISOR: Brigitte Dauwalder, Ph.D.

Shreesti Shrestha
ADVISOR: Yu Liu, Ph.D.

Grimaldo Elias Urena Matos
ADVISOR: Ricardo Azevedo, Ph.D.

Chemistry

Abdullah Al Mamun
ADVISOR: Arnold Guloy, Ph.D.

Yanxin Chen
ADVISOR: Chengzhi Cai, Ph.D.

Adheesha Nuwangi Danthanarayana
ADVISOR: Jakoah Brgoch, Ph.D.

Chen Du
ADVISOR: Scott Gilbertson, Ph.D.

¹ Summa Cum Laude – ² Magna Cum Laude – ³ Cum Laude – ⁴ Banner Bearer

Anjeeta Duwadi

ADVISOR: Steven Baldelli, Ph.D.

James Frederick Hooson

ADVISOR: Scott Gilbertson, Ph.D.

Ngoc Thien Lieu

ADVISOR: Olafs Daugulis, Ph.D.

Thong Quang Ly

ADVISOR: Steven Baldelli, Ph.D.

Thamon Puangsamlee

ADVISOR: Ognjen Miljanić, Ph.D.

Hamidreza Shahrokh Shahi

ADVISOR: Vassiliy Lubchenko, Ph.D.

Guangjie Yan

ADVISOR: Tai-Yen Chen, Ph.D.

Yuwei Zhang

ADVISOR: Steven Baldelli, Ph.D.

Computer Science

Nazanin Beheshti

ADVISOR: Lennart Johnsson, Ph.D.

Wenhui Chu

ADVISOR: Nikolaos Tsekos, Ph.D.

Mahsa Shafaei

ADVISOR: Thamar Solorio, Ph.D.

Geology

Muhammad Nawaz Bugti

ADVISOR: Paul Mann, Ph.D.

Suoya Fan

ADVISOR: Michael Murphy, Ph.D.

Cole Richard Jones

ADVISOR: Regina Capuano, Ph.D.

Xiang Ling

ADVISOR: Alan Brandon, Ph.D.

Sean Romito

ADVISOR: Paul Mann, Ph.D.

Atlanta Sen

ADVISOR: Alan Brandon, Ph.D.

Tsung-Jui Wu

ADVISOR: Jonny Wu, Ph.D.

Weiyao Yan

ADVISOR: John Casey, Ph.D.

Geophysics

Abdulah Mohammed Alshangiti

ADVISOR: Hua-wei Zhou, Ph.D.

Andrea Gloreinaldy Paris Castellano

ADVISOR: Robert Stewart, Ph.D.

Sriharsha Thoram

ADVISOR: William Sager, Ph.D.

Mathematics

Jeric Alcalá

ADVISOR: Ilya Timofeyev, Ph.D.

Mohammad Daneshvar

ADVISOR: Ilya Timofeyev, Ph.D.

Physics

James W. Blair

ADVISOR: Lisa Whitehead Koerner, Ph.D.

Michael P. Fitchette

ADVISOR: Alexandre Freundlich, Ph.D.

William Henry Harrison

ADVISOR: Zhifeng Ren, Ph.D.

Bigyan Kandel

ADVISOR: Oomman Varghese, Ph.D.

Jamie Michelle Karthein

ADVISOR: Claudia Ratti, Ph.D.

Brian P. McElhenny

ADVISOR: Shuo Chen, Ph.D.

Jayahansa Sujith Malmini Napagoda

ADVISOR: Oomman Varghese, Ph.D.

Raquel Estefania Quishpe Quishpe

ADVISOR: Anthony Timmins, Ph.D.

Dhan Rana

ADVISOR: Oomman Varghese, Ph.D.

Jacob Ryan Tinnin

ADVISOR: Margaret Cheung, Ph.D.

MASTER OF ARTS

Mathematics

Maria Lane

Bao Quoc Le

MASTER OF SCIENCE

Applied Mathematics

Jarred Cochran

Biology

Shane M. Askar

Faezeh Zamanian

Chemistry

Jiyoung Lee

Tiffany Lu

Computer Science

Shoumik Sharar Chowdhury

Rubayat Jinnah

Mudabbir Kaleem

Ankur Khanna

Zarif Momin

Oliver Wiehr

Albert William Zolin

Geology

Alyssa Alvarado

Lila M. Bishop

Clayton Lee Brown

Thomas J. Casteel

Dylan C. Craig

Alvaro Manuel Iglesias

James Douglas McConnell

William E. Sessums III

Geophysics

Joseph Dewey Stone

Ibrahim Ismaeel Dawood

Mohamed Albeshr

Keenan Thomas Barker

Hanna Elizabeth Broadus Mitchell

Anne M. Fosli

Benjamin Donald Miller

Maria A. Pinzon

Matthew I. Sexton

Physics

Jayahansa Sujith Malmini Napagoda

Statistics and Data Science

Seyi Balogun

Jacob T. Gogan

Augusto Hernandez Rubio

University of Houston
College of Natural Sciences and Mathematics

Commencement Ceremony

Jinding Huang
Samuel Chigemezu Kanu
Sara Nafaryeh
Gunjan Neopaney
Xue Song

BACHELOR OF ARTS

Earth Science

Fernanda Marrero Hi ^{1,4}

Mathematics

Edward Bernal Varon

Physics

Clarence M. Joseph

BACHELOR OF SCIENCE

**Biochemical and
Biophysical Sciences**

Angel A. Alanis
Minh Cong Bui
Francisco Castillo
Anwesh Datta
Ashton M. Isbel-Williams
Angel Leal
Hoa Duc Luu
Emily Annahi Morales
De Milet Angelus Mungu Asifiwe ³
Noyem R. Obu
Kyle Anthony Rodriguez
Linh Boi Truong ³

Biology

Kassem Hamed Abusnineh ¹
Nooha Ali Ahmed ³
Kashaf Ali
Syed R. Ali ²
Zeeshan Ali ¹
Dhaha Ahmed Alogaidi ²
Victoria Alejandra Amezcua
Jorge Alberto Armenta Morales
Brittanie Jewel Armstrong
Tia-Maria Azar ²
Shahzab I. Badarpura ³
Precious Nicole-Ann Bailey ³

Iman Bouchelkia ²
Ronyail Kierra Branch
Khoa Dang Bui
Marisa Casciola
Miriam D. Casillas ³
Ashlynn Marie Casimir
Andrew S. Chan
Brenna Lynn Chan ¹
Ryan A. Chang ^{1,4}
Aaron K. Chung ²
Brian N. Chung ¹
Cameron Noelle Chung ³
Julio A. Cueto
Sina Dabiri
Tamunoipiriye Benneth Daminabo
Kathy Dang
Nathanael Daniel ²
Tia Darwich ³
Kyla Posada Dayag ³
Adrian Delgado ³
Matthew Long Doan ¹
Richa J. Dudhia
Jossie Ann Enriquez
Sofia M. Esico ³
Daniela Farfan ³
Estrella Jennifer Flores
Sarah Mercedes Fordan
Kailyn Naomie Franklin ³
Selome Ghebremedhin
Brian Gabriel Gonzales ¹
Keandra Guischarde
Alexander Thien Tri Ho ³
Daniel Thai Anh Hoang
Jennifer N. Hoang ³
Dare B. Holt
Daisy Hong ³
David Houshang ²
Aleena Iqbal ³
Eman Javed
Sylvia V. Jimenez Serna ²
Sharon Noble John ¹
Reshma M. Jose ²
Arusha Khan ²
Yusuf Ali Khan ¹
Melika Khorrami ²

Melina Khorrami ²
Oluwatosin Dolapo Komolafe
Avinash Kotecha ²
Ashley Vanessa Laguna
Steven Thang Lam
Benjamin Quoc Le
Luis Jovany Leyva ¹
Jane Lim ³
Khadija Juzar Lokhandwala ²
Jason K. Luong ¹
Shaylee J. Madriz ²
Uzma M. Maknojjia ²
Aya Mansoor
Rudy D. Marquina
Roshan Kalapurakkal Mathew ²
Alyssa J. McKnight
Irteza H. Mitha ²
Rebecca Moreira
Kota Nagase ³
Saphal Narang ²
Christina M. Naupari
Damian V. Nguyen
Duy H. Nguyen ³
Jennifer T. Nguyen ²
Nguyen Trong Nguyen
Paul M. Nguyen
Quynh Nguyen
Saomai Le Nguyen ³
Stephany Nguyen ²
Theresa Nguyen ²
Tran N. Nguyen
Jason Nwachukwu
Chioma Joan Nwaeze
Iyanuoluwa Victoria Ogundipe ²
Jasmine Chiamaka Okoro ²
Kassandra Ortiz
Andre P. Oyardo
Jamie Pagdilao
Alejandra Paiuk ¹
Darshan Narayan Patel ¹
Mansi J. Patel ¹
David Pham ³
Jane Trang Pham ³
Taylor M. Piper ³
Holly Thao Quang ²

¹ Summa Cum Laude – ² Magna Cum Laude – ³ Cum Laude – ⁴ Banner Bearer

Ghazzal Y. Qulaghassi
Vinesh Ramanand²
Imaan B. Rashid
Mehak M. Ratnani³
Ashley Emma Ray³
Sophia S. Reddington
Beverly Rios
Jacob Dillon Rodriguez¹
Jacob Joseph Roy²
Morton Sager
Daisy Salvatierra
Gigi Sarikaya
Jenus Sarvi¹
Brock Alan Scherber³
Syed T. Shah³
Karla Alejandra Silos Interiano²
Bryana Stigers
Sean Patrick Sullivan²
Maariya Syed
Yiannis Panayiotis Teas²
Twinkle Marium Thomas
Angel Ortiz Tow
Alyssa Thanh-Truc Tran³
Brandon Tran
Linh Thi My Tran
Austin Phuoc Tai Truong²
Katrina Isabelle Malaga Uang³
Raphael A. Ugalino
Daysi A. Umanzor
Supritha Venkatesh²
Allison Jireth Viera
Shaige Lee Werth³
Zackary Hunter Wilke
Keney C. Young-Odor
Merit Bahgat Youssef
Jazmin Amani Ysaguirre
Pardis Zohari³

Chemistry

Irma Araceli Ayala
Michael Lee Bell
Vy Cam Do
William Tat Fung
Michael Halamicsek
Minh Hien Huynh

Justin P. Leba^{3,4}
Matthew L. Nguyen
Khang Nhat Phung³

Computer Science

Natnael Negussie Abebe
Alvin Mukalel Abraham²
Julian G. Aguilar
Omer Ahmed
Mishal Akhtar²
Samik S. Amin³
Alexander Kristopher Andrews²
Hector Angeles
Steve Chukwuemeka Asika
Scarlett G. Baeza
Adib Matin Baji³
Noe Isidro Bastidas
Travis J. Baylor³
Zahra Bodaghi-Ginns¹
Luis Diego Boyer Gomero
Austin Mikhail Brown
Nicholas O'Brien Brown
Jay A. Caceres²
Angelica Calvillo³
Ervin K. Canigur
Antonio Miguel Cerda
Carson Chen
Eunsung Cheon²
Caleb Corrigeux
Justin Hoang Do
Noble Nkwachi Egbulefu
Ahmad Elsaadi²
Jaime Reinel Espinoza Ramos
Matthew Ryan Fernandez
Jace A. Foulk
Alan M. Frank³
Eric Garcia²
Hannah Victoria Garcia²
Michael Graver
Robert Ryan Green²
Yuanjie Guan
Allison Ha²
Reece Harrelson
Harrison Evan Hayes
David E. Heller

Alexander Jose Hernandez³
Ivan Herrera³
Christopher Dean Heuer
Jonathan Hirsch
Bach Kim Nguyen Hoang
Henderson V. Hua
Osinor Igwemoh²
Merseigne Bangambila Ilunga
Aisha Iqbal
Austin D. Jackson³
Yawar Jamal²
Carlos Daniel Jimenez
Jarrod Paul Johnson
Dustin Tyler Kattner
Imran M. Khan
Gregory Ethan Knutson
Jordan Bruce Kulzer
Shruti Kumar³
James Lam³
Alex Draco Laris¹
Yim Ying Lau
Tuan Anh Le¹
Bozheng Liu
Lena Luc³
Cindy Mai
Chanasna Man
Shahenshah Meghani¹
Kang Miao
Nicholas D. Moore
Darwin Morales¹
Jorge Ngimbi
Bryan G. Nguyen³
Thien-Phuong Ngoc Nguyen
Tommy Tran Nguyen
Trixie Tram Nguyen²
Oluwabukola Temilola Obajemu²
Ashley Renee Odstrcil³
David Oloyede²
Jeff Onyemachi
Sai Dinesh Patibandla²
Sanjay Paudel
Duy M. Pham³
Khang D. Pham
Michael Pham
Vinh Cao Pham

¹ Summa Cum Laude – ² Magna Cum Laude – ³ Cum Laude – ⁴ Banner Bearer

University of Houston
College of Natural Sciences and Mathematics

Commencement Ceremony

Danny Duy Phan ¹
Vincent Phan ²
Hasan Ali Qureshi
Christopher Randall ²
Yizhu Ren ²
Sergio M. Robledo
James Calaway Rohloff ³
Carlos Francisco Rosales Moreno
Andres E. Sanchez
Justin Gutierrez Santos ²
Ahmad Fayyaz Sarwar ¹
Kyle J. Schulte
Shubh Sheth ¹
Aashish Shrestha
Imran Salim Sindhi ²
Irfan Sindhi
Yaseen A. Syed
Akihide Takei
Jan Stephen Magluyan Tamayo ¹
Bryan Tieu
Sara Vo Tran ¹
Tommy Tran
Viet Quoc Trinh ³
Tin T. Truong ²
Natnael Y. Tsegai ³
Pichvyda Tuy ¹
Hima S. Vadakekara ²
Jude Vergara ²
Rohan Vidyarthi
Mariana Villalobos Rincon
Hanh Thi My Vo ²
Michael Camille Wadih ³
Istvan W. Wang ^{1,4}
Mariah M. Werber
Hai Ren Xia ²
Timothy Ming You ²
Shehzad A. Yousaf ^{1,4}
Jordan T. Yu ²

Environmental Sciences

Michelle Ivette Hollaway ^{2,4}
Ashley Jimenez ²
Cynthia Rosemary Kramer
Brandie Rose-Lee Lambert
Jaia Alyse Martin
Jessica Vanessa Mussungo Pinheiro
Ciro J. Saravia Ortega ²
Justin W. Steadham ³

Geology

Timothy Dylan Burnside
Daniel Oghenevbe Ewetuya
Cory D. Fischer
Michael Hammons
Aldair Julcar Ieze Machado
Veronica Del Carmen Zermeno

Geophysics

Emmanuel Adesola Awe
Mary Catherine Hambrick ³
Jonathan M. Membreno
Ian Morris

Honors Biomedical Sciences

Emma R. Schenck

Mathematical Biology

Ramziya Fahradova ³
Katlyn Faith Feldman
Linh Nguyen
Matthew V. Pham ²

Mathematics

Alvin Mukalel Abraham ²
Mariam Asiya Ahmad ³
Ismael F. Amador
Syed Ali Aziz
Jeffrey T. Ballesio
Vanessa Banda ³

William Roland Boyle
Linh Truc Cao ¹
Brenda Alexandra Chavez Dominguez
Ha T. Dang ^{1,4}
Dominick Davis ³
Johan Alan Gonzalez ²
Jingyi He
Trang L. Hoang
Matthew C. Holcombe ²
Nhi Le ²
Lanxin Li
Kep Ange Nana
Huynh Thi Nhu Nguyen ³
Pichvirakyuth Nhek
Sydney Elizabeth Nutter ¹
Elizabeth K. O'Donnell ¹
Alexander S. Park
Thuy Nhi S. Pham
Natalia Valentina Rodriguez
Yadira Ruiz
Yaseen A. Syed
Lucas Teague ¹
Yicel Teran ³
Danijel Vehabovic
Justin S. Wang

Physics

Juan J. Barbosa
Adalberto Cruz, Jr.
Alexander Diaz-Rivera
David James Ellison
Eli Gunner Gonzalez
Stephen Alejandro Medel ^{2,4}
Nelson Federico Paredes Bonilla
Lester Patrick Rodriguez
David Eugene Williams

¹ Summa Cum Laude – ² Magna Cum Laude – ³ Cum Laude – ⁴ Banner Bearer







UNIVERSITY of HOUSTON

THE HONORS COLLEGE

Message from the Dean

December 17, 2021

We think of commencement as an end, a finish line, yet the word proclaims that this moment is a new beginning, that “today is the first day of the rest of your life” as the old posters and new memes remind us. Our graduation ritual of “walking” has been revived, despite the challenges familiar to us all, thanks to a promise and a commitment from Chancellor Khator. Walking is treasured by students and their families because it conveys in motion, symbol, and

photograph the fact that you are literally taking next steps on a new journey into a new world.

Then-Senator Barack Obama, however, in a definitive speech entitled “A More Perfect Union,” quoted this famous line from a William Faulkner novel: “The past is never dead. It’s not even past.” And a great teacher and scholar, R.J. Kaufmann, had this insight about what we read, say, write, do, and experience: “Nothing is ever lost.” So, to understand a person in midlife, you need to know what they were doing between the ages of 18 and 24 and what was going on in the world during those years. To anticipate the person you will become, you might well reflect on what you have been doing over the last four or five years, inside and outside the classroom, and what has been going on in the world.

We are confident that what you have been reading, writing, and doing during your undergraduate years, the tonic tasks that you have undertaken, will not be lost. Breaking through to that hard-won epiphany in a Human Sit paper; taking your first oral exam and killing it (or vowing to kill it next time!); presenting your poster, virtually or in person, at Undergraduate Research Day; making the transition from mentee in year one to mentor in year three; developing a partnership with a middle school whose students could really use some Honors College tutors; developing cultural competencies and medical skills so you can responsibly serve a refugee community in Jordan; representing UH in a Model Arab League simulation in Washington or Cairo; becoming certified as a Community Health Worker in order to assist Third Ward families; completing a competitive application for a major award, and then interviewing for and perhaps winning a Fulbright, a Goldwater, or a Critical Language Scholarship. Despite the many challenges—or perhaps because of them—your generation has the opportunity to become a great generation, perhaps the greatest generation of the 21st century.

Our hope is that the past four or five years have prepared you for deep satisfactions in your professional lives, and beyond your professional lives. This week you are commencing, you are walking on in your journey. We are proud of you, and we hope that you will not be a stranger to joy or a stranger to us in the years to come.

Be safe and be well,

Bill Monroe
The Honors College

UNIVERSITY of HOUSTON

THE HONORS COLLEGE

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

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Hannah Aurora Martinez

University Honors

C. T. BAUER COLLEGE OF BUSINESS

Cem Baber
Josue Isai Cruz-Arriola
Alexandra Dearborn
Paisley Fernandez
Kaleigh Michelle Flynn
Luis Felipe Galleno
Amanda Lynn Ganis
Juan Gabriel Laxa
Karim Hazem Machkhas
Shaan Moosa Muhammad
Bassam Razzaq
Megan Ann Robinson
Zoe Rountree
Rida Jawad Sarwar
Gabriel Segovia-Plate
Brooklyn Renee Smith
David Smith
Trang Pham Thuy Than
Thanh Tu Tran
Kathryn Paige Van Horn

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Hunter Douglas Anderson
Alexander Kristopher Andrews
Miles Lockhart Bednorz
Ruth Ellen Carroll
Gabrielle Charvat
Ceyda Iclal Ersoy
Alma Jakelin Garcia
Daniela Louise Graham
David Matthew Hartman
Hannah Rebecca Hassel

Treana Hebert
Sean Hu
Mytrang Huynh
Brock Liu
Karim Hazem Machkhas
Tayma Lynn Machkhas
Elizabeth Aleksandra Merlinsky
Penelope Itzae Moreno
Camille Ngo
Anh Tu Nguyen
Sean Gwyneth Perry
Aleksandar Petrusevski
Katherine Sophia Solberg
Lena D. Teckenbrock
Alondra Anahi Torres
Ealee Tuan

KATHRINE G. MCGOVERN COLLEGE OF THE ARTS

Doriane Alfon
Gabriela Ruth Gonzalez

COLLEGE OF EDUCATION

Megan Dorothy Cudal Buena
Tayma Lynn Machkhas
Kamryn Milan Schafer
Sara Safwan Syed
Vivian Nguyen Tran

CULLEN COLLEGE OF ENGINEERING

Kyle Alfeche Eclarin
Marissa Garcia
Sarah Danielle Hannusch
Sajid Khan
Oscar Daniel Leon
Alfonso Merino
Sai Anuroop Mulukuri
Derek Nguyen
Zouheir Daniel Obeid
Megan Ann Robinson
Eniola Ruth Sam-Olibale
John Logan Sammons
Peter Winski

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Nooha Ali Ahmed
Alexander Kristopher Andrews
Travis Joseph Baylor
Brenna Chan
Richa Dudhia
Sydney Elizabeth Nutter
Elizabeth K. Odonnell
Alejandra Paiuk
Emma Schenck
Bryana Stigers
Pardis Zohari

Collegiate Honors with Honors in Major

COLLEGE OF EDUCATION

Dua Abidi

Collegiate Honors

C. T. BAUER COLLEGE OF BUSINESS

Alison Fae Vasterling

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Megan Faye Barineau
Sean Patrick Dalton
Sophia Marie Frusco
Rhonda Hassan
Krystal Hinojosa
Ivana Lozano
Nathalie L. Nava

Ashlee Nixon
Ejenavi D. Ojigho
Hannah Elisabeth Price
Enrique Salinas

COLLEGE OF EDUCATION

Areeba Ahmed
Emily Grace O'Neill

CULLEN COLLEGE OF ENGINEERING

Samantha Marie Bales
Kelly Graham

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Sofia Marie Sumira Esico
Avinash Kotecha
Cindy Mai
Yaseen A. Syed
Jan Stephen Magluyan Tamayo
Pichvyda Tuy

COLLEGE OF TECHNOLOGY

Trevor Cordell Green
Arshia Komeili

Membership in The Honors College

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Rahaf Omar Aldaim
Colin Carter
Cody Dickerson
Jochen Seeba
Juan Carlos Uribe

CULLEN COLLEGE OF ENGINEERING

Daniel John Saber

CONRAD N. HILTON COLLEGE OF HOTEL AND RESTAURANT MANAGEMENT

Consuelo Maia Ecevido

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Lucas W. Teague
Hima Shaji Vadakekara

COLLEGE OF TECHNOLOGY

Burgundy Johnson



