University of Houston
Fall 2022 Commencement

College of Natural Sciences and Mathematics

Saturday, December 17, 2022 • Fertitta Center
University of Houston
College of Natural Sciences and Mathematics

Commencement Ceremony
Saturday, December 17, 2022, 9 a.m.
Fertitta Center

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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,

Renu Khator

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
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: Tassel: Violet, Hood: Violet, Tassel: Black
- Master’s Degree: Tassel: Violet, Hood: Violet, Tassel: Black

**Kathrine G. McGovern College of the Arts**
- Bachelor’s Degree: Tassel: Brown, Hood: Brown, Tassel: Black
- Master’s Degree: Tassel: Brown, Hood (Music): Pink, Tassel: Black
- Doctoral Degree: Tassel: Pink, Tassel: Red

**C. T. Bauer College of Business**
- Bachelor’s Degree: Tassel: Dark Blue, Hood: Drab, Tassel: Black
- Master’s Degree: Tassel: Dark Blue, Hood: Dark Blue, Tassel: Red
- Doctoral Degree: Tassel: Red

**College of Education**
- Bachelor’s Degree: Tassel: Light Blue
- Master’s Degree: Hood: Light Blue, Tassel: Black

**Cullen College of Engineering**
- Bachelor’s Degree: Tassel: Orange
- Master’s Degree: Hood: Orange, Tassel: Black
- Doctoral Degree: Hood: Dark Blue, Tassel: Red

**Conrad N. Hilton College of Global Hospitality Leadership**
- Bachelor’s Degree: Tassel: Navy
- Master’s Degree: Hood: Navy, Red and White, Tassel: Black
- Doctoral Degree: Hood: Dark Blue, Tassel: Red
University of Houston

Commencement Ceremony

UH LAW CENTER

Master’s Degree
Hood: Purple
Tassel: Black

Doctoral Degree
Hood: Purple
Tassel: Black

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 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

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

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 2022**

Diana Allemakova 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

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.
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.

Though part of your time at UH occurred during the unusual and trying times of a global pandemic, you adjusted to new ways of taking courses and changes to how you worked with others to get projects done. You learned to persevere. 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,

Dan E. Wells, Ph.D.
Dean and Distinguished Professor of Science
University of Houston  
College of Natural Sciences and Mathematics  

Commencement Ceremony  
Saturday, December 17, 2022, 9 a.m.  
Fertitta Center

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<th>Event</th>
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<td>Processional</td>
<td>Moores School of Music</td>
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<tr>
<td>Presentation of the Colors</td>
<td>Houston Battalion ROTC Color Guard</td>
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<tr>
<td>National Anthem</td>
<td>Moores School of Music</td>
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</tbody>
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| Welcome and Introductory Remarks           | Dan E. Wells  
  Dean  
  Distinguished Professor of Science       |
| Student Address                            | Christian Montemayor                  |
| Presentation of the Dan E. Wells Outstanding Dissertation Award | Jeremy May  
  Associate Dean, Graduate Affairs         |
| Presentation of Academic Honors            | Donna Stokes  
  Associate Dean, Undergraduate Affairs and Student Success |
| Recognition of 4.0 Students                | Associate Dean Stokes                 |
| Presentation of Degree Candidates          | Dean Wells  
  Associate Dean May  
  Associate Dean Stokes                      |
| Conferral of Degrees                       | Dean Wells                            |
| Closing Remarks                            | Dean Wells                            |
| Alma Mater                                 | Moores School of Music                |
| Recessional                                | Moores School of Music                |
Summer 2022 – Graduates

DOCTOR OF PHILOSOPHY

**Atmospheric Sciences**
Elizabeth Renee Klovenski
   ADVISOR: Yuxuan Wang, Ph.D.
Arman Poushaye
   ADVISOR: Yunsoo Choi, Ph.D.

**Chemistry**
Hatice Elmas Basbug Alhan
   ADVISOR: Eva Harth, Ph.D.
Yunsoo Choi
   ADVISOR: T. Randall Lee, Ph.D.
Dillon Michael Kopecky
   ADVISOR: Steven Baldelli, Ph.D.
Enkhjargal Tsogtgerel
   ADVISOR: Eva Harth, Ph.D.
Ziyan Zhang
   ADVISOR: Jakoah Brgoch, Ph.D.
Wenping Zou
   ADVISOR: Melissa Zastrow, Ph.D.

**Computer Science**
Stuart M. Baxley
   ADVISOR: Deniz Gurkan, Ph.D.
Poonam Beniwal
   ADVISOR: Shishir Shah, Ph.D.

**Geology**
Muhammad Nawaz Bugti
   ADVISOR: Paul Mann, Ph.D.
Aydin Gunduz Shahtakhtinskiy
   ADVISOR: Shuhab Khan, Ph.D.

**Geophysics**
Zhongmin Tao
   ADVISOR: Aibing Li, Ph.D.

**Mathematics**
Thuyen Trien Dang
   ADVISOR: Loic Cappanera, Ph.D.

Akshat Tarun Das
   ADVISOR: Alan Haynes, Ph.D.
Megan E. Stickler
   ADVISOR: Kresimir Josić, Ph.D.

**Physics**
Abhijit Chakraborty
   ADVISOR: Carlos Ordonez, Ph.D.
Arya Datta
   ADVISOR: Andre Cardoso Barato, Ph.D.
William Henry Harrison
   ADVISOR: Zhifeng Ren, Ph.D.
Yang He
   ADVISOR: Vassiliy Lubchenko, Ph.D.

MASTER OF SCIENCE

**Biochemistry**
Hengameh Rezaei

**Biology**
Kevin Paul Arguelles Dominguez

**Chemistry**
Yanxin Chen
   Haowen Zhao

**Computer Science**
Afiya Ayma
Sai Lakshmi Spandana Bulusu
Satya Shodhana Gaddam
Aditi Dilip Joshi
Md Rafiqul Islam Rabin
Firdous Samreen
Sachin Shubham
Amutheesan Sivaganam
Mudaseer Ul Haq Syed
Thanoojha Venkumahanthi

**Geology**
Hannah R. Anderson
   Angela Shirley Jacobs
   Bryan L. Moore
   Alyssa A. Tello Alvarado

**Geophysics**
Sharmila Appini

**Applied Mathematics**
Shuyue Wang

**Statistics and Data Science**
Vanessa Loren Aguirre
   Henna Ali
   Grace Chen
   Chia-Hung Chien
   Haoxiang Du
   Sani Joseph Enchackal
   Rangwen Fan
   Carolina Garza
   Jessie Hoang
   Lyndon D. Kelley
   Brian Huynh Le
   Thuy Thi Thu Le
   Cuicui Lu
   Basil S. Najjar
   Angie D. Ortega Romo
   Tola Ouk
   Dikshya Poudayal
   Mengzhi Jay Song
   Tyler Christopher Stinson
   Ali Hussain Syed
   Ray Abraham Thomas
   Keely Wilson
   Xuan Zhang

**Physics**
Ken William Ssennyimb

BACHELOR OF SCIENCE

**Biochemical and Biophysical Sciences**
Vy P. Le
Sydni Anne Marsh

**Biology**
Andre Castaneda
Luis Francisco Cavazos
Marilyn Gil Barrera
Sai Meghana Goolla
Illeana Kathryn Maria Levy
Afshin Mousavi Mirkolaei
Estela M. Nieto
Ashley Puentes
Hajar Rahioui
Chakraphat Saengsasi
Emily K. Song
Bineta Sonko
Vincent N. Tangavelou
Kim Thien-Van Vu
Arshan Waheed

Chemistry
Minh Hien Huynh

Computer Science
Nauman Uddin Ahmad
Yousef Osman Ahmed
Sajah Al Zamili
Muhammad Mustafa Aslam
Pierce Anthony Bondurant
Alexander Wesley Brewer

Hiep Hoang Duong
Adeoluwa David Falade
Henry O. Hite
Parker A. Lightsey
Gilbert Lopez
Elias Medelci
Chi Tran Phuong Ngo
Sevilay Ozturk
Tudor Stefan Popescu
Adrian Alexander Rodriguez-Martinez
Jeremy Caleb Rouse
Nathan R. Schaper
Ankur Sharma
Kyle J. Stulen
Cecilia Tamayo Garza
Muhammad Usman
Phuc Vo
Mio Waller

Environmental Sciences
Iris Chia Yi Hsu

Nohely C. Vargas Quiroz

Geology
Caroline Emilia Mandujano
Jonathan Neil Osborne
Daniel Peter Ragusa
Karla Fernanda Reynoso Sujo
Kevin Wu

Mathematics
Ruby Alvarado
Jennifer A. Csicsery-Ronay
Josh Blake Flynn
Luis Martinez
Guillermo Fabrizio Pacheco III
Jerome J. Roy
Ali Hamza Abidi Syed
Kendall Truong

Physics
Kepler Huy Vu

1 Summa Cum Laude – 2 Magna Cum Laude – 3 Cum Laude – 4 Banner Bearer
Fall 2022 – Candidates for Graduation

**DOCTOR OF PHILOSOPHY**

**Atmospheric Sciences**
Ellen Catherine Creecy  
**ADVISOR:** Xun Jiang, Ph.D.

**Biochemistry**
Stewart Fannin  
**ADVISOR:** Mehmet Sen, Ph.D.

Patricia Celise Robertson  
**ADVISOR:** William Widger, Ph.D.

**Biology**
Tianjiao Adams  
**ADVISOR:** Steven Pennings, Ph.D.

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

Sydnee Lea Spruiell Eldridge  
**ADVISOR:** Amy Sater, Ph.D.

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

Scott Joseph Widmann  
**ADVISOR:** Chin-Yo Lin, Ph.D.

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

Sumitra Karki  
**ADVISOR:** Ognjen Miljanic, Ph.D.

Rufeng Li  
**ADVISOR:** Chengzhi Cai, Ph.D.

Yu Liang  
**ADVISOR:** Allan Jacobson, Ph.D.

Manhua Pan  
**ADVISOR:** Tai-Yen Chen, Ph.D.

**Computer Science**
Daniel Edward Biediger  
**ADVISOR:** Jaspal Subhlok, Ph.D.

Shuguang Chen  
**ADVISOR:** Thamar Solorio, Ph.D.

Karima Elgarroussi  
**ADVISOR:** Christoph Eick, Ph.D.

Ruchi Kalpesh Shah  
**ADVISOR:** Panruo Wu, Ph.D.

Shaila Zaman  
**ADVISOR:** Ioannis Pavlidis, Ph.D.

**Geology**
Rachel Warren Clark  
**ADVISOR:** Julia Wellner, Ph.D.

Md Nahidul Hasan  
**ADVISOR:** Paul Mann, Ph.D.

Linhan Li  
**ADVISOR:** John Casey, Ph.D.

Xiang Ling  
**ADVISOR:** Qi Fu, Ph.D.

Xiao Yu  
**ADVISOR:** Guoquan Wang, Ph.D.

**Geophysics**
Xinyan Li  
**ADVISOR:** Jiajia Sun, Ph.D.

Yuhao Liu  
**ADVISOR:** Guoquan Wang, Ph.D.

Xiaolong Wei  
**ADVISOR:** Jiajia Sun, Ph.D.

**Mathematics**
Michael Batista  
**ADVISOR:** Mikhail Perepelitsa, Ph.D.

Seyyed Mahmoood Ghasemi  
**ADVISOR:** Robert Azencott, Ph.D.

Manoj Subedi  
**ADVISOR:** Kresimir Josic, Ph.D.

**Physics**
James W. Blair  
**ADVISOR:** Lisa Whitehead Koerner, Ph.D.

Bigyan Kandel  
**ADVISOR:** Oomman Varghese, Ph.D.

Casandra H. Morris  
**ADVISOR:** Lisa Whitehead Koerner, Ph.D.

Jayahansa Sujith Malmini Napagoda  
**ADVISOR:** Oomman Varghese, Ph.D.

Dhan Bahadur Rana  
**ADVISOR:** Oomman Varghese, Ph.D.

**MASTER OF ARTS**

**Mathematics**
Susana Duran

**MASTER OF SCIENCE**

**Applied Mathematics**
Joe Volney Jennings

**Chemistry**
Milos Deric  
Muxin Qiao  
Jill Reroma Quitayen

**Computer Science**
Vamshi Krishna Reddy Alluri  
Venkatasai Ayilneni  
Nabeel Yusuf Bacchus  
Sai Krishna Bhopathi  
Vimarsha C. Ramesh  
Vijayalakshmi Chidambaram  
Nikhitha Gudi  
Isaiah Robert Hernandez  
Jaya Lakshmi Nandini Mangipudi  
Donald R. Mathews  
Tarun Matta  
Parisa Mehdi Gholampour  
Harashavardhan Reddy Munnangi  
Youun Mustafa  
Nithin Nerella  
Israael Aroldo Perez  
Viswanath Puppala  
Mohan Reddy Putturu  
Abhi Sneha Samanthula  
Kunal Sehta  
Sammy Tawakkol  
Sohamsinh Arjunsinh Thakor  
Khang Quang Tran  
Shaila Zaman

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

Geology
Michael Daniel
Kelsey Taylor Gangi
Maria Camila Lugo Gomez
Devin Renee McQuaig
Rachel Elaine Ronquille

Geophysics
Keenan Thomas Barker
Brendan Stover Cornelison
Owen Draper
Amr Fahmy Elsabaa
Matthew Franklyn Law
Macdennis Ifeanyi Nwaeze

Statistics and Data Science
Nanda Praneeth Kuchipudi
Oscar E. Recinos
Sri Harsha Sadum
Michael Saenz
Krishna Rishi Vijay Saladi
Martha Valdes Padron

Physics
Andres Ignacio Covarrubias

BACHELOR OF ARTS

Earth Science
Emily Arredondo

Mathematics
Andrea Garcia Anguiano
Sloan R. Kopelman

BACHELOR OF SCIENCE

Biochemical and Biophysical Sciences
Rose Mohammed Alhajri
Sahar Mehoob Ali
Arian U. Aziz
Jonathan V. Bui
Austin T. Hahn
Huqng Thien Huynh
Umar Nabeel Khan
Raul I. Lara
Quinn M. Leaumont
John A. Mansour
Taylor McPherson
Ayush H. Mehta
Ammie Nguyen
Anthony Tran Nguyen
Kimberly Thanh Nguyen
Ngoc Bao Nguyen
Nha D. Nguyen
Thy Q. Nguyen
Veronica Pearl Obrien
Sarah Otekunrin
Arianna Elyse Selph
Zinab Abubakr Ahmed Wagdi Shaheen
Sammy Taybi
John C. Tran
Sandy Yaa Foah Turkson

Biology
Huzafa Adnan
Shaikh Fatima Afaq
Wasia Ahmed
Rabia Akbar
Shahad Al-Gharrawi
Hamza R. Alhasan
Saja Haya Alsaahi
Gayathri Anirudhan
Loay Talal Asadi
Zaineb Ashraf
Alyssa Carmela Salomon Balaba
Rami Mohd Bani Hani
Isaac T. Benedict
Maria Jose Blyth
Sammy A. Bourji
Rodrigo Cabrera-Moreno
Karen Farn Jung Cheng
Emilie Kate Cooper
Christian John Cornillaud
Jose Alejandro Cortes
Sang X. Dang
Andrea Del Villar
Vi Diep
Christopher An Do
Rachael M. Donckels
Eric D. Dong
Jonathan D. Dullen
Shereen Y. Enan
Omar D. Fernandez
Karen Nathaly Flores
Mia L. Franchville
Pamela Pablo Galaang
Shivi Garg
Sebastian Andres Gomez
Maria J. Gonzalez
Valeria B. Gonzalez
AsmaA Husam Hamdoun
Leandro Herrera Alvarez
Valeria D. Hohl
Amber Marie Hoskins
Sai Savan Hunsucker Pollock
Bassel Mohamed Ibrahim
Adaobi Ike
Midhat Zehra Jafry
Marissa Oyinkansola Jetawo
Mekdes Jima
Meagan Danielle Jones
Muhammad Asad Kamal
Kiarash Kamelan
Richa Kiran
Joseph Aaron Koch
Paul C. Kreit
Aurelia G. Ksiez
Dao Hong Le
Danielle N. Leger
Jing Ming Lim
Ruben Lopez
Caroline M. Lugo
Shams Maalah
Faizan Jamal Malik
Shafaq Basit Mandvia
Angela Beatriz Marroquin
Lauren Mcdonald
Stephanie Medina
Melissa R. Mendoza
Sally Adil Mikhail
Rania Moin
Nancy Morfin
Nabeeha Naeem
Yusra Naeeem
Ali Nassiri

1 Summa Cum Laude – 2 Magna Cum Laude – 3 Cum Laude – 4 Banner Bearer
Joseph Nhan Huu Nguyen ²
Minh Hoang Nhat Nguyen
Paul M. Nguyen
Paul T. Nguyen ³
Tiffany Nguyen
Vinh Khanh Nguyen
Dinara Nizamaddinova
Chukwuedo Kendrix Okeibunor ³
Adaee M. Oparochoakwe
Madison A. Parker
Utkarsh Patel ¹
Jonathan Mauricio Paz Villatoro
Brianna Jordan Perez
Mary Potestas
Janki Yagnesh Prajapati
Zeie Ann Prochnow ³
Sarika Grace Pulimoottil ¹
Jocelyn Quach
Thomas J. Randle
David Mathew Reyes
Jennifer Vanessa Reyes
Maria Fernanda Rodriguez
Vinay Sagar ⁷
Cynthia M. Salinas ³
Feliziano San Luis
Robert J. Schnur ³
Ryan Seto
Joseph L. Shuchart
Taylor Elizabeth Snyder ¹
Kaela Nicole D. Solis
Cameron L. Stovall
Sean Patrick Sullivan ²
Moosa Raza Syed
Sobia Syed
Nassim Teymouri
Alexis J. Tran ³
Kate Thy Tran
Nina Tran
Steven Tran ³
Tammy Truong ³
Ethan Russell Tullos
Jennifer K. Umanzor
Payam Vakili
Andy Van ²
Kilah S. Vanevenhoven ²
Jennifer Vasquez
Manushi Vatani ³
Jorge Rafael Vazquez
Kyia Walker
Qi Wan ³
Vriana Charity Washington
Nadil Watagoda
Samantha Weist
Zackary Hunter Wilke
Parker Ryan Worm
Jennifer Bislola Yesufu
Khsanssa Zahid
Leen Zeitouneh
Steven John Ziegler Mejia

Chemistry
Phillip David Busch
Matthew Dadias
Mason C. Eymard
Ana Lilian Fernandez Alfaro
Jenny Claire Johnson
Kevin Vinh Le
Elizabeth A. Magelky
Ali H. Medjaouri
Hanh T. Ngo
Tram Hoang Ngoc Nguyen
Michael J. Sacra ⁴
Aina Sebastian
Gabriel Yeung

Computer Science
Oluwaseun T. Adeniji
Iyamuoluwa Victor Adeyemi
Diogo Filipe Borges Aires
Leena Alafifi
Rafay Alam
Saineef Saiyad Ali
Chiemela Efizime Ammaefule ³
Daniel Elan Amran
Victor M. Artiles
Seonjae Baek
Benjamin Matthew Bates ²
Celide Rosalinda Bazan Corros
Casey Silvina Bernal
Daniel Alejandro Berreles Mendoza
Syeda Zuha Beyabani

Daniel Jacob Bonilla ²
Mohammed Muaz Bourhani
Makayla Allison Brady ²
Dylan K. Buras
Aristoteles Rosario Dange Cajiza
Cesar Orlando Campos
Rolando Castaneda
En-Yu Chu ⁷
Sara T. Ciesielski
Gabrielle Juliano Co ²
Travis L. Cook
Jeremy Crain ³
Gabriel Arquiza Cruz
Joaquin E. De Leon
Loudy Adaman Effendi ²
Dean Ferreira
Kevin Flores
Sri Ganesh Ganta ³
Joseph K. Gomes
Yuanjie Guan
Erik Herbert-Hernandez ²
Jacob McCandless Hestand
Jacob Daniel Higdon ³
Hugh H. Hoang ²
Ngan Kim Hoang ³
Nicholas H. Hoang
Cheng Chun Hsieh
Huan Huynh ¹
Adil Sheikh Iqbal
John Dreaper Jackson
Jeff John
Tariq Kharsa ³
Lingwei Kong ¹
Angelita Marie Krepel ³
Aitmyrza Kubachybekov ³
Paul R. Kuruvilla ²
Ngan Kim Le
Jeffrey A. Levan ²
Romaine A. Lewis
Khai Ngoc Cat Luong
Thanh Ban Ly ³
Chengxin Lyu
Shamee Shafeen Mahmud ³
Muhammad Waleed Malik ²
Ruben Malvaez

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

Rodrigo L. Mariaca
Maryum Mateen
Abibou Mboji
Brianna Jonelle McDermott
Sammy C. Melendez
Sergio Mendez
Lizandro Jesus Meza
Jordan F. Miles
Christian Montemayor
Nicholas Moreno
Christian Nguyen
Manh Nguyen
Nathan Nguyen
Phong Thai Nguyen
Phu Nguyen
Vuong Dang Nguyen
Andy Nguyencuu
Boris Banyee Ofon
Daniel Rudy Olvera
Emmanuel Chinyerem Onuoha
Jeff Onyemachi
Christopher Perez
Nguyen Khang Pham
Tan Pham
Thien M. Pham
Matthew J. Philip
Leo Quezada
Joseph Patrick Raogninirina
Syed Rizvi
Zachary C. Robinson
Cristian A. Sanchez
Gabriel Sanchez
Julio A. Santos
Sergio Sanz
Dhruv Manish Shah
Jinangkumar Yakinkumar Shah
Yusra Shaikh
Kaytlin Lauren Simmer
Joshua Thomas Smith
Sevban Sonmez
Iliyan K. Sunasara
Jana T. Tahan
Raymundo Rafael Torres Olague
Xena Lola Chloe Tounajian
Scott Tran
Haris Tukdi
Muhammad Mamoon Uddin
Antonio Urias-Cordero
Lizthebett Valdivia
Nathaniel Valtierra
Thien An Van
Brian A. Vasquez
Hannah J. Wolken
Aaron M. Wright
Evan Wu
Lujia Wu
Xiaoyuan Xu
Ammara Yamin
Michael Carl Yannuzzi
Tyonne Dwayne Zachery
Murtaza S. Zaidi
Tahmeed Zaman
Vanessa L. Zambrano
Hernan Zuniga

Environmental Sciences
Iris Chavez
Hannah Brooke Haas
Lance L. Nguyen
Muzammil I. Usmani

Geology
Samantha Clair Baker
Thach Hong Bui
Zaifro Martinez
Karla Ortega
Alain Tort

Mathematical Biology
Nidhi Gongati

Michelle Quynhan Tran
Megan T. Wallace

Mathematics
Kevin Juan Aguilar Cano
Mayra Renee Aguilara Colindres
Sana G. Ali
Jobin Biju
Joshua Steven Burell
En-Yu Chu
Liliana T. Cruz
Khoa Doan
Katherine Lizzette Fuentes
Ricardo Garcia
Megan E. Glass
Linh Dung Ho
Sumin Kim
Elissa Kuon
Francesca Laezza Labate
Emily Le
Jesse A. Martinez
Sarah Jadyn Jia McReynolds
Sammy C. Melendez
Christian Montemayor
Clark Lewis Nelson
Quoc Anh Nguyen
Olisa Onyebuchi Nwora
Jasmine D. Sanchez
Slater James Smith
Antony Tharappel
Azalia Liz Trujillo
Hernan Zuniga

Physics
Chikara Nicholas Abe-Stowe
Britney Nicole Cid
Eric Alan Johnson
Michael Samuel Trujillo
Innara Vellani

1 Summa Cum Laude – 2 Magna Cum Laude – 3 Cum Laude – 4 Banner Bearer
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 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 Icay 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. Mc Govern 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
- Dorthy 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 Afaf
- 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
Marenna 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

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

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!

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

Have You Completed Your Graduation Checklist?