Letter from the Dean

Salutations and congratulations!

The past year has seen us reach many milestones in our journey together.

The 2017 class is the largest in the history of the Honors College, and with it we mark a number of firsts: the first graduates of the Honors Biomedical Sciences Program, including those who are also completing their first year of medical school; the first graduates who have participated in the Bonner Leaders Program, a service learning cohort that has transformed the way we conceive a college education; the first graduates of the new Kathrine G. McGovern College of the Arts. To these firsts we proudly add that we are graduating not one but two regents of the University of Houston System!

Shortly after the historic milestone of March 2016, the installation of the University’s Phi Beta Kappa Chapter, the Honors College was invited to compete with the best honors programs and colleges at the best universities in the country. We hoped to crack the top fifty and we put that metric in our strategic plan. Not only did we make the top fifty, UH Honors was rated among the top ten in the nation, one of only two programs so recognized in Texas. At this point, no one could blame you for thinking, “We are graduates of a Tier One, Phi Beta Kappa institution and a Top Ten Honors College . . . we have arrived!”

Tremendously important milestones, to be sure, and in January the University announced another: the billion dollar “Here, We Go” campaign to make UH even better. Honors graduates engage both classic and experiential learning opportunities, the great books and grand challenges activities that will benefit from the Honors College portion of the campaign. The great books of Human Sit are augmented with the experience of service locally with community partners such as New Hope Housing and service abroad in Honduras, Haiti, and India; with study away to Taos and Santa Fe, the Mississippi Delta, and Washington, DC, and with study abroad to Britain, Ireland, Greece, Rome, Israel, Russia, Peru, Ecuador, and the Galapagos Islands. Insights developed in the lecture hall and the seminar room are enhanced by informal but indispensable learning opportunities in the form of mentored research, reading groups after hours, dinners with profs, and trips to theaters and museums that bring the honors curriculum to life.

Such engagements have given you the margin of courage, confidence, and creativity to become leaders in your fields and in your communities. Ahead of you is a lifetime of success and giving back. You made it, you are here, and the journey continues. Here, We Go.

Go, Coogs.

William Monroe
University of Houston
The Honors College

Convocation
Thursday, May 11, 2017, 6:30 p.m.
The Houstonian Hotel, Club, & Spa

RECEPTION        Foyer of the Grande Ballroom
WELCOME          William Monroe
GREETINGS         Paula Myrick Short
ARETÉ AWARDS     Brenda Rhoden
STUDENT GOVERNING BOARD AWARDS
                 Monica Marin
SALUTATIONS      Patty Godfrey
DINNER           The Grande Ballroom
PRESENTATION OF THE GRADUATES
                 William Monroe
                 Paula Myrick Short
                 Stuart Long
                 Christine LeVeaux-Haley
                 Brenda Rhoden
SENIOR HONORS THESIS AWARDS
                 Stuart Long
                 Karen Weber
CLOSING REMARKS  William Monroe
Honors College Administration

William Monroe
Dean

Stuart Long
Associate Dean for Undergraduate Research

Christine LeVeaux-Haley
Assistant Dean for Academic Programs

Brenda Rhoden
Assistant Dean for Student Affairs

Jennifer Asmussen
Coordinator, Competitive Scholarships and Fellowships

Hannah Barker
Director of Development

Sarah Bhojani
Director, Admissions and Recruitment

Julia Brown
Design and Presentation Developer

Adrian Castillo
Program Manager, Undergraduate Co-Curricular Programs

Lynda Hallmark
Director, Center for Creative Work

Gabriella Hauser
Coordinator, Recruitment and Student Life

Martha Hayes
Communications Manager

Jennifer Hennessy
Events Coordinator

Shannon Keen
Director, Service Learning & Student Outreach

Alison Leland
Pre-Law Program

Andy Little
Coordinator of Academic Services

Lorena Lopez
College Business Administrator

Larry Lyke
Academic Advisor

Keri Myrick
Executive Assistant to the Dean

Lorena Osorio
Financial Assistant

Brenda Ramirez
Financial Coordinator

Aaron Reynolds
Coordinator, Medicine & Society Program

Elena Rios
Program Coordinator

David Shattuck
Director of Evaluation, Planning and Assessment

Rita Sirrieh
Academic Advisor

Helen Valier
Director, Medicine & Society Program

Karen Weber
Director, Office of Undergraduate Research

Alice Yang
Coordinator, Terry Foundation Scholarship
The Honors College
ADMINISTRATION AND FACULTY

Honors College Teaching Faculty

Richard Armstrong
Classical Studies

Jeremy Bailey
Political Science

Michelle Belco
Political Science

David Brenner
Medicine & Society

Christopher Brunt
English-Creative Writing

Hayan Charara
English-Creative Writing

Ann Cheek
Biology/Biochemistry

Jeffrey Church
Political Science

Fritz Claydon
Director, Honors Engineering Program

Robert Cremins
English

Douglas Erwing
History/Bonner Program

Ted Estess
English, Dean Emeritus

Jamie Ferguson
English

Erica Fletcher
Medical Anthropology

Cynthia Freeland
Philosophy

Everette Gardner, Jr.
Director, Bauer Honors Program

Richard Garner
English/Speech & Debate

Dustin Gish
Political Science

Sarah Gnospelius
Administrative Director, Bauer Honors Program

Joshua Gonzalez
Speech & Debate

Irene Guenther
History

Terry Hallmark
Energy and Sustainability

Marc Hanke
Biology

John Harvey
Center for Creative Work

Debbie Harwell
Center for Public History

John Hofmeister
Energy and Sustainability

Laurie Lambeth
Medicine & Society

Brandon Lamson
English-Creative Writing

Robert Liddell
English-Creative Writing

Peggy Lindner
Data Analytics in Student Hands
Johanna Luttrell  
*Philosophy*

Gabriela Maya  
*English-Creative Writing*

Kimberly Meyer  
*English-Creative Writing*

David Mikics  
*English*

Olivia Miljanic  
*Global Studies and Research*

Iain Morrisson  
*Philosophy*

Anna Newman  
*Biology/Biochemistry*

Ricardo Nuila  
*Medicine & Society*

Joe Pratt  
*Director, Energy and Sustainability*

Dan Price  
*Community Health*

David Rainbow  
*Russian History*

Jesse Rainbow  
*Religious Studies*

Tamler Sommers  
*Philosophy*

Len Trombetta  
*Honors Engineering Program*

Daniel Wallace  
*English-Creative Writing*

Robert Zaretsky  
*Intellectual History*

Jonathan Zecher  
*Religious Studies/Greek*
Honors College Society of Fellows

Elizabeth Anderson-Fletcher
Bauer College of Business
Francesca Behr
Modern and Classical Languages
Anadeli Bencomo
Associate Dean of Research, CLASS
Hispanic Studies
David Bertman
Director of Bands
Eric Bittner
Chemistry
Geoff Brune
Architecture
Margaret Cheung
Physics
Mark Clarke
Assistant Vice Provost, Faculty Affairs
Fritz Claydon
Engineering
Aaron Corsi
Hilton College of Hotel and Restaurant Management
Lawrence Curry
Professor Emeritus, History
Cliff Dacso
Executive Director, The Abramson Center for the Future of Health
Guillermo De los Reyes
Hispanic Studies
Richard DeFrank
Management
Joaquin Diaz-Saiz
Decisions and Information Services,
Bauer College of Business
Casey Due-Hackney
Modern and Classical Languages
Christian Eberhart
Director, Religious Studies
Emran El-Badawi
Director, Modern and Classical Languages,
Arab Studies
Karen Farber
Director, Mitchell Center for the Arts
Mike Feinberg
Co-Founder, KIPP Foundation
William Fitzgibbon
College of Technology
W. Anthony Frankino
Biology/Biochemistry
Todd Frazier
Director, Center for Performing Arts Medicine,
Methodist Hospital
Scott Gilbertson
Chemistry
Elizabeth Gregory
Director, Women’s, Gender, & Sexuality Studies
Shiv Halasyamani
Chemistry
Andrew Hamilton
Associate Dean, College of Natural Sciences and Mathematics
John Hardy
Natural Sciences and Mathematics
Theresa Hernandez  
*Modern and Classical Languages*

Stephan Hillerbrand  
*School of Art*

Norman Johnson  
*Bauer College of Business*

Jacqueline Kacen  
*Marketing and Entrepreneurship*

Anjali Kanojia  
*Comparative Cultural Studies, India Studies*

Frank Kelley  
*Bauer College of Business*

Lannis Kirkland  
*Architecture*

Rex Koontz  
*Director, School of Art*

Randy Lee  
*Chemistry*

John Lienhard  
*Professor Emeritus, Mechanical Engineering, History*

Teri Longacre  
*Vice Provost, Dean, Undergraduate Student Success*

Daniel Maxwell  
*Associate VC/VP, Student Affairs*

Jeremy May  
*Chemistry*

Martin Melosi  
*Director, Center for Public History*

Ralph Metcalfe  
*Mechanical Engineering*

Jay Neal  
*Hilton College of Hotel and Restaurant Management*

Michael Newman  
*Accounting*

Matthew Nicol  
*Mathematics*

Temple Northrup  
*Communications*

Alex Parson  
*English-Creative Writing*

Melissa Pierson  
*Assistant Vice Provost, Student Success*

Jim Pipkin  
*Literature*

Joe Pratt  
*Bauer College of Business, History*

Gregg Roman  
*Biology*

Todd Romero  
*History/Food Studies*

Amy Sater  
*Biology*

Martha Serpas  
*English-Creative Writing*

Carla Sharp  
*Psychology*

Robert Shimko  
*Director, School of Theatre and Dance*

Kevin Simon  
*Hilton College of Hotel and Restaurant Management*

Stephen Spann  
*Dean, Medical School Planning*
<table>
<thead>
<tr>
<th>Honors College Advisory Board</th>
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<tr>
<td>Ron Bankston</td>
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<td>Briana J. Bassler</td>
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<td>Catherine Campbell Brock</td>
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<td>Dan Wells</td>
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<td>Lois Zamora</td>
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<td>Chair, Comparative Cultural Studies</td>
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<td>Clay Hoster</td>
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<td>Lou Pelz</td>
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<td>Christian Sarkar</td>
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<td>Jeffrey Shulse</td>
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<td>Matthew B. Steele, President</td>
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<td>Jenni Rebecca Stephenson</td>
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<td>Karen Webster</td>
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<td>Trey Wilkinson</td>
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University Honors with Honors in Major

Students who complete the Honors College curriculum (36 hours) and complete a senior honors thesis graduate with University Honors with Honors in Major, the highest distinction that an undergraduate can earn at the University of Houston. The thesis title follows each graduate’s name.

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

Anna Montgomery  
Applied Music  
Josephine Lang, The Forgotten Songs  
**Thesis Director:** Joseph Evans

Cinnie Lin  
Finance  
Quantitative Effect of Luxury Brand Extensions  
**Thesis Director:** Edward Blair

Priyanka Ajay Savant  
Management Information Systems/Supply Chain Management  
The Impact of Implementing Smart Solutions in the Oil and Gas Industry  
**Thesis Director:** Richard Scamell

**C. T. BAUER COLLEGE OF BUSINESS**

C. T. Bauer College of Business

Priyanka Ajay Savant  
Management Information Systems/Supply Chain Management  
The Impact of Implementing Smart Solutions in the Oil and Gas Industry  
**Thesis Director:** Richard Scamell

C. T. Bauer College of Business

Cinnie Lin  
Finance  
Quantitative Effect of Luxury Brand Extensions  
**Thesis Director:** Edward Blair

**CULLEN COLLEGE OF ENGINEERING**

Rawan Hussein Almallahi  
Chemical Engineering  
Degradation of Bio-Based Epoxy Resins  
**Thesis Director:** Megan Robertson

Vikash Patel  
Chemical Engineering  
Catalytic Partial Oxidation of Methane to Synthesis Gas Over Nickel-Palladium Catalysts  
**Thesis Director:** Lars Grabow

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

Shifa Asma Abuzaid  
Political Science  
Art and Activism in Palestine: An analysis of Palestinian art as activism and cementation of self-directed individual and collective identity  
**Thesis Director:** Dina Al-Sowayel

Rachel Elaine Cecil  
English - Literature  
“She Said Inadequately”: Domestic Anxieties and Miscommunications in the Novels of Shirley Jackson  
**Thesis Director:** Aaron Reynolds

Maria Eugenia Ferreira  
Liberal Studies/Political Science  
Ideology and Candidate Selection in Latin American Political Parties  
**Thesis Director:** Francisco Cantu

Joshua A. Freed  
Political Science/Economics  
Old Rome, New Rome, and New Babylon: Comparing Founding Narratives in Roman and Christian Historiography  
**Thesis Director:** Jonathan Zecher

Billy Graves  
Economics/Political Science  
Wage and Educational Differences Dependent on Immigration Status: Data from Texas.  
**Thesis Director:** John Antel

Diana Faleh Hindi  
Communication Sciences and Disorders  
Speech Therapy Provision In Texas Public Schools: An Analysis of Public Policy  
**Thesis Director:** Martha Dunkelberger
Samantha Nicole Noel  
**Communication Sciences and Disorders**  
Intra-Word Variability in Bilingual Children With Hearing Loss Who Use Cochlear Implants and Their Normal Hearing Peers  
**Thesis Director:** Ferenc Bunta

Deepta Raj Patel  
**Communication Sciences and Disorders**  
Comparing Differences in Expressive Language Quantity and Quality between School-Aged Children Playing with Traditional and Electronic Toys  
**Thesis Director:** Michelle Ivey

Ariana C. Peruzzi  
**Philosophy/Liberal Studies**  
Consequentialism and the Challenge of Love  
**Thesis Director:** D. Justin Coates

Shane A. Smith  
**Economics**  
Asset Valuation by Major League Baseball Executives  
**Thesis Director:** John Antel

Chloe Mirelle Stowell  
**Anthropology/Political Science**  
Cosmopolitanism and the Right to Education  
**Thesis Director:** Jeffrey Church

**College of Natural Sciences and Mathematics**

Radhini Elizabeth Abeysekera  
**Honors Biomedical Sciences**  
Investigating the Effect of Stable MicroRNA-509-3p Overexpression on Osteosarcoma Migration  
**Thesis Director:** Preethi Gunaratne

Sareema Adnan  
**Honors Biomedical Sciences**  
Alterations in the Gut Microbiota Can Elicit Hypertension in Rats  
**Thesis Director:** Dr. Robert Bryan Jr., Baylor College of Medicine

Francisco Alejandro Blanco Bandres  
**Biochemical and Biophysical Sciences**  
Bryostatin-1 Effects on Mammalian Unc13 Isoforms in Hippocampal Derived HT22 Cells  
**Thesis Director:** Joydip Das

Katherine Marie-Cecile Chase  
**Mathematics/Geophysics**  
Trace Elemental Abundances in Crude Oils from the Central Sumatra Basin  
**Thesis Director:** John Casey

Macey Elise Crockett  
**Geophysics**  
Ground-based hyperspectral mapping of gold-bearing hydrothermal alteration zones in the Goldstrike Mining District, Utah  
**Thesis Director:** Shuhab Khan

Maha Khalid  
**Honors Biomedical Sciences**  
SPEG Isoform β Binds Ryanodine Receptor Type 2 Calcium Channel  
**Thesis Director:** Dr. Xander H. T. Wehrens, Baylor College of Medicine

David Lankford-Bravo  
**Geology**  
Effect of the changing strike of the step-up fault marking the continent-ocean boundary on the structure of the overlying foldbelts in the northwestern Gulf of Mexico  
**Thesis Director:** Paul Mann

Kayla Tran Mai  
**Biology**  
Effects of Nematodes on Plant Community Diversity and Microbial Symbioses  
**Thesis Director:** Kerri Crawford

Fatemeh Al-Sadat Mirghassemi  
**Biology**  
From Leviticus 4 to Post-Modern Literature: Reevaluating Sacrifice as a Lofty Framework for Human Identity Transcending Blood Rites  
**Thesis Director:** Christian Eberhart
Nayana Ramachandra  
**Honors Biomedical Sciences**  
Urinary Biomarkers of Oxidative Stress and Insulin Resistance in Childhood Obesity  
**THESIS DIRECTOR:** Dr. Sridevi Devaraj, Baylor College of Medicine

Beatriz H. Thames  
**Honors Biomedical Sciences**  
Comparing Coefficient of Friction at the Fingertips Between Type II Diabetics and Healthy Adults  
**THESIS DIRECTOR:** Dr. Stacey Gorniak

Peter Duy Vu  
**Honors Biomedical Sciences**  
When Physicians Terminate Patients; Assessing the Effects of Termination on Health Disparities, the Benefits of Cultural Competency, and Viable Solutions  
**THESIS DIRECTOR:** Jessica Roberts

Collegiate Honors with Honors in Major

Students who complete a senior honors thesis and fulfill the requirements for the honors program in the college of their major with distinction, including 21 hours of honors courses; or by completing an Honors College minor; or by completing 21 hours of approved honors courses graduate with Collegiate Honors with Honors in Major. The thesis title follows each graduate’s name.

**CULLEN COLLEGE OF ENGINEERING**

Tam Nguyen  
**Mechanical Engineering**  
Investigation towards Thermogalvanic batteries  
**THESIS DIRECTORS:** Haleh Ardebili and Hadi Ghasemi

Luc Hoang To  
**Mechanical Engineering**  
PI Controller Tuning for Automated Vasopressor Drug Infusion in Critical Patient Resuscitation  
**THESIS DIRECTOR:** Karolos Grigoriadis

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

Camila Escobar  
**Political Science/Religious Studies**  
Responding to God’s Calling: The Preaching of Purpose in Modern Christianity  
**THESIS DIRECTOR:** Christian Eberhart

Talia Mergi  
**Psychology**  
A Correlational Study: Relationship between role-taking measures and academic achievement scores of fifth and sixth grade students  
**THESIS DIRECTOR:** Marco Mariotto

Cheryl Lauersdorf Ross  
**English - Literature**  
The Maceo Brothers: Changing Galveston Sands to Diamonds and Gold Dust  
**THESIS DIRECTOR:** Debbie Harwell
Membership in The Honors College with Honors in Major

Students who complete a senior honors thesis and fulfill the requirements of their major with distinction graduate with Membership in the Honors College with Honors in Major. The thesis title follows each graduate’s name.

**Gerald D. Hines College of Architecture and Design**

Robert Hillyard  
Architecture  
*Detroit; The Ideal*  
**Thesis Director:** William Truitt

Kathrine G. McGovern College of the Arts

Glen Ackerman  
Music  
*Cross-pollination: The effects of electric instruments on jazz as an acoustic art form in the late 1960's and early 1970's*  
**Thesis Director:** Noe Marmolejo

Derrick Coffin  
Music  
*Punta-Rock: Breaking Down the Barriers of Bigotry and Racism*  
**Thesis Director:** Noe Marmolejo

Mai Kolkailah  
Art History  
*The Arts of Islamic Spain: Functionality and Virtuosity*  
**Thesis Director:** Rex Koontz

Liia Thrasher  
Art History/Anthropology  
*“Return to the Lord, that He may return to us.” The Crescent Moon and the Other in the Visual Language of Hieronymus Bosch*  
**Thesis Director:** H. Rodney Nevitt

**C. T. Bauer College of Business**

Aminat Muibi  
Supply Chain Management/Communications - Public Relations  
The Role of Intuition in Strategic Decision Making  
**Thesis Director:** Dale Rude

John Ryan Reader  
Finance  
*Commodity Price Influence in Energy M&A*  
**Thesis Director:** Dr. Vijay Yerramilli

Cullen College of Engineering

Vijay Arjun Dharmaraj  
Biomedical Engineering  
*A Computational Model for the Development of Orientation Selectivity in Mammalian Primary Visual Cortex*  
**Thesis Director:** Bhavin Sheth

Tarek Ghoneim  
Mechanical Engineering  
*Effect of orientation and defects on bending deformation of Copper nanowires by molecular dynamics simulations*  
**Thesis Director:** Yashashree Kulkarni

Munib A. Hasnain  
Mechanical Engineering  
*Magnetic extreme icephobic surfaces*  
**Thesis Director:** Hadi Ghasemi

John R. Prince  
Mechanical Engineering  
*A Novel Approach to Capturing Microorganisms from the Atmosphere*  
**Thesis Director:** Ralph Metcalfe
Minahil Binte Samee  
Mechanical Engineering  
Optimization of Race Track Trajectories to Minimize Lap Completion Time  
**THESIS DIRECTOR:** Ralph Metcalfe

**COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES**

James P. Barclay  
Psychology  
Age of Disclosing Gender Identity in Transgender Youth  
**THESIS DIRECTOR:** Carla Sharp

John Anthony Brundrett  
History  
Mickey Leland: Houston’s Activist and Africa’s Humanitarian  
**THESIS DIRECTOR:** Kairn Klieman

LeeAnne Carlson  
English - Creative Writing  
The World is No Better Than Its Places  
**THESIS DIRECTOR:** Kimberly Meyer

Brandi Demars  
English - Creative Writing  
Writing in Color: How Literature Aided in the Advancement of the Black Lesbian Community in America  
**THESIS DIRECTOR:** Cedric Tolliver

Christina Escamilla  
English - Creative Writing  
Exploring Horror Narratives in Contemporary Literature  
**THESIS DIRECTOR:** Sarah Ehlers

Elizabetha Stravoski  
English – Literature  
Reading Mark Twain’s Religion  
**THESIS DIRECTOR:** Barry Wood

Shelby L. Ivy  
Psychology  
The Mediating Role of Avoidance on the Association between Social Constraints and Psychological Distress  
**THESIS DIRECTOR:** Qian Lu

Aminat Muibi  
Communications - Public Relations/Supply Chain Management  
The Role of Intuition in Strategic Decision Making  
**THESIS DIRECTOR:** Dale Rude

Stephen Michael Netzley  
Psychology  
**THESIS DIRECTOR:** Christiane Spitzmuller

Alex Paul  
History  
The First World War Hunger Blockade of Germany  
**THESIS DIRECTOR:** Irene Guenther

Andrew Pearson  
Psychology  
Understanding Obsessive and Harmonious Passion as a Mediator between Smartphone Use and Life Satisfaction  
**THESIS DIRECTOR:** Clayton Neighbors

Almog Porat  
Psychology  
The effects of sleep extension on adolescent impulsivity  
**THESIS DIRECTOR:** Candice Alfano

Gloria Marissa Ramos  
Communication Sciences and Disorders  
Parent-Reported Beliefs, Practices, and Outcomes of Dual Language Learning in Hispanic and Non-Hispanic Families  
**THESIS DIRECTOR:** Anny Castilla-Earls
Guadalupe Gabriel San Miguel
Psychology
Exploring Distress Tolerance as an Underlying Mechanism in the Relation Between Negative Affectivity and Anxiety/Depression Among Persons Living with HIV/AIDS
**THESIS DIRECTOR:** Michael Zvolensky

Chance Allen Smith
Sociology
College Students’ Opinions on Salient Social Issues: Thesis, Theory, & Pilot Study
**THESIS DIRECTOR:** Gary Dworkin

Amy Rose Thomas
Psychology
Stress by Order: a study of the interaction between self-esteem and stress, mediated by generational status
**THESIS DIRECTOR:** Rheeda Walker

Liiia Thrasher
Anthropology/Art History
"Return to the Lord, that He may return to us.": The Crescent Moon and the Other in the Visual Language of Hieronymus Bosch
**THESIS DIRECTOR:** H. Rodney Nevitt

Rafael Polo Prieto
Biology
Characterization of the evolutionary dynamics of the tiger gene family in *Dictyostelium discoideum*
**THESIS DIRECTOR:** Elizabeth Ostrowski

Ane Slabic
Geology
U-Th-Pb Chronology of Fish Bone in Petroleum Source Rocks: An Example from the Eagle Ford Group, Texas
**THESIS DIRECTOR:** Thomas Lapen

Lili Zhang
Geology
Tithonian to recent, post-rift cooling and subsidence history of the southeastern margin of Brazil and correlation to Late Cretaceous-Cenozoic phases of the Andean orogeny
**THESIS DIRECTOR:** Paul Mann

**COLLEGE OF TECHNOLOGY**

Roland Rodriguez
Mechanical Engineering Technology
A Computational Study of Pipeline Pigging
**THESIS DIRECTOR:** Raresh Pascali

**COLLEGE OF NATURAL SCIENCES AND MATHEMATICS**

Rasheed Abioye Ajala
Geophysics
Gravity-based study of flexure and crustal structure at the Niger and Mississippi deltas
**THESIS DIRECTOR:** Paul Mann

Evans Anware Onyango
Geophysics
Application of Spaceborne, Airborne and Ground-based Hyperspectral Imaging to Detect Methane
**THESIS DIRECTOR:** Shuhab Khan

Karissa S. Pepin
Geophysics
Rayleigh and Love wave phase velocity maps in Alaska from ambient noise tomography
**THESIS DIRECTOR:** Aibing Li
University Honors

Students who complete The Honors College curriculum (36 hours) graduate with University Honors.

**GERALD D. HINES COLLEGE OF ARCHITECTURE AND DESIGN**

Erin P. Lew  
Industrial Design

Benjamin Lueders  
Architecture

Travis Neal Mohle  
Architecture

Christine Thuy-Vi Nguyen  
Architecture

John Gabriel Perez  
Environmental Design

Jorge Eliezer Rebellon Blandini III  
Architecture

Sarah Joy Yockey  
Architecture

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

Jose A. Castejon  
Music

Katherine Pepin  
Theatre

Hannah C. Ptrie  
Music/Applied Music

**C. T. BAUER COLLEGE OF BUSINESS**

Michael Peter Andrada  
Accounting

Siddiq Bacchus  
Marketing

Sarah Backer  
Accounting/English - Creative Writing

Zain A. Battla  
Accounting/Finance

Jonathan Scott Beilowitz  
Accounting

Sakinah Omotola Bello  
Accounting

Courtney Brown  
Management

Elizabeth Butler  
Marketing

Linda Castellanos  
Marketing/Finance

Franz Humberto Cespedes  
Accounting/Finance

Esha Chakrabarti  
Supply Chain Management/Finance

Nicole Renae Churbock  
Supply Chain Management

Christopher Scott Collum  
Management Information Systems

Andrew Layton Cox  
Supply Chain Management

Kylie Morgen Dawson  
Accounting

Chris Dealba  
Accounting

Niti Desai  
Accounting
Zainab Dhanani  
Marketing

Vidha Dixit  
Management/Marketing

John Patrick Dowling  
Entrepreneurship

Samuel Stephen Ellison  
Accounting

John David Fields  
Accounting/Management

Marcos Ezequiel Galvan  
Accounting

Maycie G. George  
Finance

Christopher Gervasio  
Accounting

Dave Giang  
Management Information Systems

Courtney Faith Gigant  
Marketing

Karina Giron  
Accounting

James Hammock  
Marketing

Lauren Olivia Hauser  
Marketing/Management

Blake Hees  
Finance

Reagan Henley  
Marketing

Connor W. Hollis  
Finance

Kyle Horn  
Supply Chain Management

Valerie Ikhimokpa  
Marketing/Management

Tianran Jin  
Accounting

Ahmad Hassan Jingo  
Marketing

Alec Christopher Johnson  
Finance

Hailey Paige Jones  
Management Information Systems/Accounting

Maria Ahsan Josh  
Accounting

Bessie Florence Kahn  
Management

Sidra H. Khan  
Management/Finance

Anchit Rajeev Khanna  
Finance

Anastasiya Evgenevna Kopteva  
Marketing

Arlen Kestra L’Anglois  
Supply Chain Management

Kimberly S. Lenmark  
Management Information Systems/Management

Christian Andrew Madison  
Entrepreneurship

Laura K. Mahaney  
Entrepreneurship/Marketing

Christian M. Meno  
Management

Alyssa Marie Michlin  
Accounting

Jacqueline Montgomery  
Supply Chain Management/Marketing

Cesar A. Muniz  
Accounting
Iram H. Nandolia  
Accounting

Noor Nemry  
Management

Kim Thien Nguyen  
Accounting/Finance

Leah Nguyen  
Marketing/Management

Sarah M. Nguyen  
Supply Chain Management/Marketing

Stacey Nguyen  
Accounting

Chimere A. Nwabara  
Finance

Emmett Craig Heejong Oh  
Accounting/Finance

Javier A. Perea  
Marketing

Megan Nicole Prather  
Accounting /Psychology

Priyadarishi Radjendirane  
Management Information Systems

Jacob C. Reynolds  
Management Information Systems

Madison Celeste Richard  
Management Information Systems

Jin Koung Ryou  
 Accounting

Canyon Sanford  
Management

Michael H. Scheinthal  
Finance

Rohith Daya Selvarajan  
Management Information Systems

Alondra Serrano  
Finance

Asit Rajiv Shah  
Management Information Systems/Supply Chain Management

Kourtelynne K. Smith  
Accounting

Marian R. Smith  
Supply Chain Management

Aamir Syed  
Supply Chain Management

Stephanie Tran  
Management Information Systems

Giona Vodo  
Finance

Tram Thuy Vuong  
Management Information Systems

Mable Michele Wan  
Entrepreneurship/Electrical Engineering

Michaela Ivory Nashae Washington  
Accounting

Forest Wharton  
Entrepreneurship

Amanda T. Wilkinson  
Accounting

Brianna D. Williams  
Supply Chain Management

Nourhan Younis  
Marketing/Management

Ashti Zaidi  
Accounting

Kristin Zitka  
Management Information Systems

Leslie Alexandra Zorzi  
Supply Chain Management
College of Education
Abel Chacko
Health
Andrea A. Cruz
Teaching and Learning
Sabrina J. Galloway
Teaching and Learning
Amy Lu
Teaching and Learning
Yasmine Moharer-Sanaei
Health

Cullen College of Engineering
Pablo Aguilar
Computer Engineering
Ashwin P. Antony
Chemical Engineering
Cristian Aparicio
Civil Engineering
Irbaz I. Arab
Petroleum Engineering
Leo Alan Bartos
Mechanical Engineering
Shivam Bhakta
Chemical Engineering/Economics
Christiana Sökeland Freitas Chamon
Electrical Engineering
Laura Lynn Clark
Electrical Engineering
Elizabeth Rachel Dunn
Biomedical Engineering/Electrical Engineering
Sujata Gautam
Civil Engineering
Christopher G. Gay
Electrical Engineering
Kevin J. Gu
Petroleum Engineering
Moriah S. Hargrove Anders
Electrical Engineering
Nairah Hashmi
Chemical Engineering
Jingfan Hu
Petroleum Engineering
Nancy A. Ibarra
Electrical Engineering
Daniel Jarjour
Mechanical Engineering
Elsa M. Johnson
Electrical Engineering
Zachary Munier Khan
Petroleum Engineering
Saniya Khowaja
Petroleum Engineering
Maria Ciara Lalata
Electrical Engineering
Justin Noel Loveless
Electrical Engineering
Tara Elise Mars
Petroleum Engineering
Jorge Luis Martorell
Chemical Engineering
Kevin J. McEnery
Mechanical Engineering
Fernando Medrano
Mechanical Engineering/Psychology
Rafi M. Mohammed
Mechanical Engineering
Kasan K. Momin
Electrical Engineering
Henry Hung Nguyen
Civil Engineering

Christina Renee Ramsey
Mechanical Engineering

Phillip Andrew Reid
Chemical Engineering

Tevin J. Richards
Computer Engineering

Stephanie Nicole Roohi
Chemical Engineering

Benjamin William Rose
Mechanical Engineering

Ruqaiya Taha Shipchandler
Chemical Engineering

Daniel Sierra
Chemical Engineering

Franklin Tam
Electrical Engineering/Chinese Studies

Carol M. Upchurch
Biomedical Engineering

Mable Michele Wan
Electrical Engineering/Entrepreneurship

Christopher Colby Wiggs
Civil Engineering

Tiffany Yao
Electrical Engineering

CONRAD N. HILTON COLLEGE
OF HOTEL AND RESTAURANT
MANAGEMENT

Lydia Chung Liou
Hotel and Restaurant Management

Jasmine Mendoza
Hotel and Restaurant Management

Jennifer M. Trussell
Hotel and Restaurant Management

COLLEGE OF LIBERAL ARTS
AND SOCIAL SCIENCES

Hafsa Ahmed
Human Nutrition and Foods

Sean William Alder
Communications - Journalism

Afiya Ali
Psychology

Marshall David Anderson
Kinesiology

Sonja Aune
Spanish/Communication Sciences and Disorders

Jeeva Christina Babu
Psychology

Sarah Backer
English - Creative Writing/Accounting

Savannah L. Baker
History

Shivam Bhakta
Economics/Chemical Engineering

Alyssa R. Blackburn
Human Nutrition and Foods

Sarah Blakelock
Philosophy

Jade S. Bosier
Communications - Public Relations

Zachary Brown
Political Science

Thao Nguyen Tran Dinh
Psychology

Katherine Ellen Drews
Political Science

Cody Durain
English - Creative Writing
Joy I. Ewere
   English - Creative Writing
Katherine A. Fischer
   Philosophy
Arash Hamvatian
   Philosophy
Nimra Haroon
   Communications - Advertising
Rebekah Lee Cecelia Heisig
   Psychology
Rebecca G. Hennes
   Communications - Journalism
Diamond Alexxus Hightower
   Human Nutrition and Foods
Rachel Allene Adeline Hodge
   Psychology
John Ryan Hormell
   Psychology/Economics
Holly Grace Hunter
   Political Science
Helenna Frances Ignatovich
   History
Crystal Ike
   Psychology
Zhanar Imanbaeva
   Psychology
Kariss Melody Johnson
   Communications - Journalism
Manvitha Katta
   Liberal Studies /Biology
Katelyn Elizabeth Kenney
   Communications - Journalism
Kyle Knight
   Corporate Communications/Liberal Studies
Thomas Laroche
   Philosophy/Computer Science

Eternal Faith Lokumbe
   Anthropology
Leah Rose Lucio
   Communications - Journalism/
   Liberal Studies
Amanda Marie Macdonald
   Psychology
Rachel Marte
   Psychology
Lucas McColloster
   Psychology
Fernando Medrano
   Psychology/Mechanical Engineering
Rashad J. Moody
   Liberal Studies
Kaitlyn Jane Palividas
   Communications - Journalism
Megan Nicole Prather
   Psychology/Accounting
Rebekah Richardson
   Liberal Studies
Brian R. Roan
   Philosophy
Jacob Roman
   Liberal Studies
Jadsia Samantha Roopchand
   Psychology/English - Literature
Brandon Lee Schmalfeldt
   Liberal Studies
Jonathan M. Sload
   English - Creative Writing
Matthew Stephen Spruiell
   Psychology
Dominique E. Stanush
   Psychology
Meena Sundaresan
Psychology

Franklin Tam
Chinese Studies/Electrical Engineering

Romel A. Tamez
Political Science

Brooke Farah Tolle
Liberal Studies

Ruth Kathleen Trimble
Kinesiology

Clara Lins Trotta
Psychology

Galia Weber
Human Nutrition and Foods

Amanda Elizabeth Wilson
Psychology

Carlos Ivan Bocanegra
Biology

Michael Eric Carter
Chemistry

Ziba A. Colah
Biochemical and Biophysical Sciences

Thanh Van Dang
Biology

Andrea Krizzia Delumpa
Biochemical and Biophysical Sciences

Tien Nguyen Tram Do
Biochemical and Biophysical Sciences

Marissa Rae Evans
Biology

Ifrah N. Farooq
Biology

Kayla Fischer
Mathematical Biology

Glenn Frutiz
Biology

Shrinavya Gaddipati
Biology

Kendra F. Gagneux
Mathematical Biology

Joshua George
Biology

Nisha Manoj Ghayalod
Biology

Catherine Rose Godfrey
Mathematics

Sadhana Gollapudi
Biochemical and Biophysical Sciences

Samantha Lee Harrison
Honors Biomedical Sciences

Kristin Kathy Hedtke
Biochemical and Biophysical Sciences

College of Natural Sciences and Mathematics

Rhiana Abbas
Mathematical Biology

Daniyal Sohail Akbar
Biology

Umair Akbar
Honors Biomedical Sciences

Wajahat Ali
Biology

Mirza M. Baig
Honors Biomedical Sciences

Courtney Lee Beacham
Biology

Rushabh Umeshkumar Bhakta
Computer Science

Mohammad Faheem Bilal
Biochemical and Biophysical Sciences
The Honors College
GRADUATES OF THE HONORS COLLEGE
2016 – 2017

Rim Henini
Biochemical and Biophysical Sciences

Bryan Ronald Thieu Hoang
Honors Biomedical Sciences

Ashif Faridalli Kabani
Biology

Manvitha Katta
Biology/Liberal Studies

Eqra Kazi
Biology

Clara Michelle Kohlmetz
Chemistry

Kathryn Krause
Mathematical Biology

Thomas Laroche
Computer Science/Philosophy

George S. Lee
Biology

Julio C. Lores Cruz
Biology

Asad Loya
Mathematical Biology

Lenexa Juliet Frances Morais
Honors Biomedical Sciences

Sarah S. Mughal
Mathematical Biology

Sara Nabhan
Biology

Hien-Vinh Vincent Viet Nguyen
Biology

Jasmine H. Nguyen
Honors Biomedical Sciences

Alec C. Ohanian
Biology

Heather Kay Payne
Biochemical and Biophysical Sciences

Jennifer Reiss
Biology

Cameron L. Rhodes
Biology

Blaine Warren Rogers
Mathematics

Nidhin Varghese Sam
Computer Science - Business

Matthew Sarmiento
Biology

Raina Saxena
Biology

Nikhil Jacob Schneider
Environmental Sciences

Aayush Bankim Shah
Biology

Matthew Harris Shirk
Honors Biomedical Sciences

Deepankar Kumar Sinha
Biology

Michael Suan Spurgat
Computer Science - Systems/
Biochemical and Biophysical Sciences

Aaron Tedone
Computer Science

Kristen Laura Thompson
Biochemical and Biophysical Sciences

Kaiser Tin-U
Honors Biomedical Sciences

Johanna Tomancik
Biochemical and Biophysical Sciences

Danny Vu Tran
Biology

Acara Elane Turner
Mathematics
Jessica Yook Moi Ung  
Biology

Gayatri Viswanathan  
Chemistry

Muhammad Vohra  
Biochemical and Biophysical Sciences

Josephine Wu  
Honors Biomedical Sciences

**COLLEGE OF TECHNOLOGY**

Kiran Akbani  
Biotechnology

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**Collegiate Honors**

Students who complete and fulfill the requirements for the honors program in the college of their major, including 21 hours of honors courses; or by completing an Honors College minor; or by completing 21 hours of approved honors courses graduate with Collegiate Honors.

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

Alaina Katherine Gunter  
Theatre

Jessica Denice Rennie  
Graphic Design

**COLLEGE OF EDUCATION**

Michelle Annette Alley  
Teaching and Learning

Kristin C. Bennett  
Health

Jamison K. Carson  
Human Development and Family Studies

---

**CULLEN COLLEGE OF ENGINEERING**

Melati Amtar  
Petroleum Engineering

Maria F. Djuanda  
Petroleum Engineering

Dylan Eser Jose  
Biomedical Engineering

Krystal D. Gengler  
Electrical Engineering

Eric R. Hudgins  
Industrial Engineering

Humas S. Khan  
Petroleum Engineering

Jose Victor Lopez  
Chemical Engineering
Clayton Manchaca  
Electrical Engineering

Eunice Marquez  
Mechanical Engineering

Rachel W. Mills  
Biomedical Engineering

Tri Huu Nguyen  
Mechanical Engineering

Raaz Saeed Pathan  
Petroleum Engineering

Anthony P. Richmond  
Mechanical Engineering

Maria Angelica Rodriguez Bermudez  
Industrial Engineering

Enjelia Veony  
Petroleum Engineering

Roxi Fam  
Integrated Communications

Natalie Elizabeth Galvan  
English - Literature

Danielle Garcia  
Human Nutrition and Foods

Gabriela K. Garcia  
Communications - Journalism

Barbara Herrera  
Liberal Studies

Mary Kathleen Higdon  
English - Creative Writing

John J. Hough  
Health Communications

Rizwaan G. Lakhani  
Economics

Gracie Ann Martinez  
Communications - Public Relations

Joseph Dewayne Martwick  
Sports Administration

Cameron Alexis Meyer  
Communications - Journalism

Ashley Marie Moore  
Political Science

Mark Anthony Rogers  
English - Creative Writing

Alexandra Juliann Strack  
Psychology

CONRAD N. HILTON COLLEGE OF HOTEL AND RESTAURANT MANAGEMENT

Jennifer Logan Bumgardner  
Hotel and Restaurant Management

Robin Noelle Gifford  
Hotel and Restaurant Management

Mary Clara Musgrove  
Hotel and Restaurant Management

Samantha Rice  
Hotel and Restaurant Management

Humberto Sanchez  
Hotel and Restaurant Management

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Matthew R. Crow  
History

Jonathan C. Elsik  
English - Creative Writing

Zaynab Kamorudeen Abidogun  
Mathematics

Mark Anthony Bulan  
Geophysics
Anaisabel Irma Del Rio  
Biology

Angelina Hong  
Biology

Willa Hong  
Biology

Jooby Joy  
Biology

Trishna Bhagirath Parikh  
Biology

Kristen A. Ramirez  
Biology

Khaja R. Siddiqui  
Biology

Alejandro Francisco Sifuentes  
Computer Science - Systems

Marisol Elizabeth Tinoco Vazquez  
Physics

Nicholas D. Troutman  
Computer Science - Systems/Mathematics

Alondra Uribe  
Biochemical and Biophysical Sciences

Samad Zia  
Biology

Lejla Zoronjic  
Biology

**College of Technology**

Taylor Elizabeth Chan  
Digital Media

Bonnie Jean Diehl  
Supply Chain and Logistics Technology

Kelsi Raye Richter  
Digital Media

Anaissa Ruiz Tejada  
Biotechnology

**Membership in the Honors College**

Students who complete and fulfill the requirements of their graduate with Membership in the Honors College.

**Gerald D. Hines College of Architecture and Design**

Jessica N. Hedge  
Industrial Design

**Kathrine G. McGovern College of the Arts**

Sonya Katerina Bandouil  
Music/Economics

Josef Lamell  
Applied Music/Computer Science

Dan Thuy Nguyen  
Music/English - Literature

Doris L. Xu  
Painting

**C. T. Bauer College of Business**

Francis Kris Bhatia  
Supply Chain Management

Amani Jlassi  
Marketing

**College of Education**

Alexandria Chieko Mackzum  
Human Development and Family Studies
The Honors College

GRADUATES OF THE HONORS COLLEGE

2016 – 2017

CULLEN COLLEGE OF ENGINEERING

Kameron Billingsley
Electrical Engineering

Fernando Sergio Curiel
Mechanical Engineering

Rogelio Fonseca
Industrial Engineering

Lauren Ford
Mechanical Engineering

Mauricio Gonzalez
Mechanical Engineering

Ayodh Y. Patel
Petroleum Engineering

CONRAD N. HILTON COLLEGE OF HOTEL AND RESTAURANT MANAGEMENT

Emily P Snyder
Hotel and Restaurant Management

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Sonya Katerina Bandouil
Economics/Music

Sara Lynn Barchie
Human Nutrition and Foods

Jessica Bonds
Psychology

Victoria Nellie Denker
Communications - Media Production

Joshua R. Dunn
History

Alec Peter Gagnon
Communication Sciences and Disorders

Dylan Avram Ikhimokpa
Economics/Political Science

Shanda M. Mckinney
American Sign Language Interpreting

Dan Thuy Nguyen
English – Literature/Music

Philip Charles Reyneke
Political Science

Rubi Elizabeth Rodriguez Leal
Psychology

Kaitlyn Rae Schuetz
English - Creative Writing

Gerald N. Smith
English - Creative Writing/French

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Josef Lamell
Computer Science/Applied Music

Andrew D. Thompson
Computer Science

COLLEGE OF TECHNOLOGY

Cory James Rodriguez
Computer Information Systems
Founded on December 5, 1776, The Phi Beta Kappa Society is the nation’s most prestigious academic honor society. It has chapters at more than 280 colleges and universities in the United States, 50 alumni associations, and more than half a million members around the world. The mission of The Phi Beta Kappa Society is to champion education in the liberal arts and sciences, foster freedom of thought, and recognize academic excellence.

- Shifa Asma Abuzaid
- Umair Akbar
- James P. Barclay
- Mohammad Faheem Bilal
- Francisco Alejandro Blanco Bandres
- John Anthony Brundrett
- Rachel Elaine Cecil
- Ziba A. Colah
- Thanh Van Dang
- Tien Nguyen Tram Do
- Maria Eugenia Ferreira
- Joshua A. Freed
- Karis Melody Johnson
- Manvitha Katta
- Katelyn Elizabeth Kenney
- Maha Khalid
- Kyle Knight
- Kathryn Krause
- Kayla Tran Mai
- Aminat Muibi
- Samantha Nicole Noel
- Kaitlyn Jane Palividas
- Ariana C. Peruzzi
- Rebekah Richardson
- Brian R. Roan
- Cheryl Lauersdorf Ross
- Chloe Mirelle Stowell
- Kristen Laura Thompson
- Kaiser Tin-U
- Brooke Farah Tolle