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Fall 2019 Commencement Program

University of Alabama in Huntsville

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FALL COMMENCEMENT

December 10, 2017



NATIONAL ANTHEM

"The Star Spangled Banner"

Oh say, can you see, by the dawn's early light
What so proudly we hailed at the twilight's last gleaming?
Whose broad stripes and bright stars through the perilous fight,
O'er the ramparts we watched, were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air
Gave proof through the night that our flag was still there.
Oh, say, does that Star-Spangled Banner yet wave
O'er the land of the free and the home of the brave?

Francis Scott Key

ALMA MATER

Hail to thee proud UAH in loyalty we stand.
We give thee thanks for happy days beneath your guiding hand.
Often we will praise thy name as in the world we go.
We lift our voice our songs to sing all praise to UAH!

Arranged by C. David Ragsdale, Ph.D.

SIGN LANGUAGE

The interpreter will be positioned on the left of the stage.

PROGRAM

The commencement program is a roster of candidates, not an official list of graduates. Appropriate degrees and honors will be awarded to candidates who successfully complete all requirements by established deadlines. The posting of the earned degree on the official university transcript is the institution's affirmation of possession of the degree. Honors indicated in the program are based on grades for semesters completed prior to the last semester. Actual honors for all completed work will be subsequently calculated and will appear on the official transcript and diploma.

ORDER OF EXERCISES

December 10, 2017
2 p.m.

PRELUDE

UAH Wind Ensemble
Dave Ragsdale, Ph.D.

CALL TO ORDER

Brent Wren, Ph.D.

PROCESSIONAL

"Pomp and Circumstance Op. 39: March No. 1, In D Major"
by *Sir Edward Elgar*

PRESENTATION OF THE COLORS AND THE NATIONAL ANTHEM

Reserve Officers' Training Corps
Christopher Puckett
Soloist

INVOCATION

WELCOME AND INTRODUCTION

Brent Wren, Ph.D.

COMMENCEMENT ADDRESS

Stanton J. Rowe
*Chief Scientific Officer and
Corporate Vice President, Edward Lifesciences*

CONFERRAL OF HONORARY DEGREE

CONFERRAL OF DEGREES

Robert A. Altenkirch, *President*

ALMA MATER

Christopher Puckett
Please stand and sing

RECESSIONAL

Audience remains standing

RECEPTION

Immediately following in the East Hall

STANTON J. ROWE

*Chief Scientific Officer and
Corporate Vice President, Edward Lifesciences*

Stanton J. Rowe has been chief scientific officer of Edwards Lifesciences since 2008 and also serves as corporate vice president, advanced technology. He joined Edwards Lifesciences in 2004 when Edwards acquired Percutaneous Valve Technologies, a company he helped found in 1999 and of which he served as president and chief executive officer. Previously, Rowe was corporate vice president of business development and strategic planning for Datascope and was vice president of business development for Johnson & Johnson's interventional systems division (JJIS) in Warren, New Jersey, responsible for the company's coronary stent development efforts. At JJIS and the related Cordis Corporation, Rowe held a variety of positions with increasing levels of responsibility, including heading the company's business development, advanced technology, worldwide clinical research and marketing groups. Rowe joined Cordis after previously holding several positions in product management for a number of medical device companies.

Rowe is on the board of directors of InSeal Medical, Ltd. and Neural Analytics. He is also on the board of directors for the Discovery Science Center in Orange County, California as well as on the advisory boards for the engineering or biomedical engineering schools at UC Irvine, Georgia Tech and Brown University. Rowe received a bachelor's degree from The University of Alabama in Huntsville in Biological Sciences.

THE 2017 GRADUATION CANDIDATES

Doctoral Degrees

COLLEGE OF ENGINEERING

Doctor of Philosophy

Neal T. Lovell

Field: Industrial and Systems Engineering
Dissertation: "An Approach to Reduce Defects Throughout the Software Life Cycle"
Advisor: Dr. Sampson Gholston

Nicholas J. Loyd

Field: Industrial and Systems Engineering
Dissertation: "Analysis of the Use of Employee Perception to Assess the Implementation of Lean Based on the Toyota Production System and Toyota Way"
Advisor: Dr. Sampson Gholston

Priyanka Madhushri

Field: Electrical Engineering
Dissertation: "A Model Based Framework for Mobility Assessment of Older Adults using Wearable Systems"
Advisor: Dr. Emil Jovanov

Vikalp Mishra

Field: Civil Engineering
Dissertation: "Assimilation of Coupled Microwave/Thermal Infrared Soil Moisture Profiles into a Crop Modeling System"
Advisor: Dr. James Cruise

Vijaya Krishna Rani

Field: Mechanical Engineering
Dissertation: "Analytical Investigation of Thermoacoustic Instabilities in Premixed Combustion Systems"
Advisor: Dr. Sarma L. Rani

Chen Zhang

Field: Mechanical Engineering
Dissertation: "Novel Methods in Harvest of Microalgae and Extraction of Lipids from Dilute Microalgal Suspension for Biofuel"
Advisor: Dr. James E. Smith

COLLEGE OF SCIENCE

Doctor of Philosophy

Sussan Einakian

Field: Computer Science
Dissertation: "Studies of Effective Color Combinations in Visualization"
Advisor: Dr. Timothy Newman

Junxiang Hu

Field: Space Science
Dissertation: "Modeling Particle Acceleration and Transport for Gradual SEP Events from 2D CME-Driven Shocks"
Advisor: Dr. Gang Li

Jonathan L. Sewell

Field: Applied Mathematics
Dissertation: "Vertex-Based Distinguishing Collections"
Advisor: Dr. Guo-Hui Zhang

Robert William Youngren

Field: Computer Science
Dissertation: "Multi-Resolution Data Structures for Spherically Mapped Point Data"
Advisor: Dr. Mikel Petty

Jinlei Zheng

Field: Space Science
Dissertation: "Observational Analysis of Transient and Coherent Structures in Space Plasmas"
Advisor: Dr. Qiang Hu

INTERDISCIPLINARY PROGRAMS

Doctor of Philosophy

Joshua R. Lang

Field: Material Science
Dissertation: "A Phase Rule Approach to Critical Point Phenomena in Chemically Reacting Systems"
Advisor: Dr. James K. Baird

Bhargavi Ramaraju

Field: Biotechnology Science and Engineering
Dissertation: "Site Specific Isotopic Labeling of Phenylalanine and Tyrosine: Application to PTH1"
Advisor: Dr. Robert McFeeters

David J. Ulkoski

Field: Biotechnology Science and Engineering
Dissertation: "Synthesis of Amphiphilic Pegylated Poly (a-Amino Acid) Tercopolymers and the Impact of Molecular Architecture on their use as Gene and Drug Delivery Vectors"
Advisor: Dr. Robert McFeeters

COLLEGE OF NURSING

Doctor of Nursing Practice

Dorothy Helen Alford

DNP Project: "Optimization of Clinical Decision Support Tools for the Care of Older Adults with Diabetes Mellitus Type II"

Advisor: Dr. Susan Alexander

Mary K. Bonilla

DNP Project: "Identifying Intimate Partner Violence in the Clinical Setting"

Advisor: Dr. Ann Bianchi

Bertha Carrion

DNP Project: "Scholarly Quality Improvement Project to Reduce Hospitalization Rates Due to Pneumonia in the Nursing Home Population"

Advisor: Dr. Lenora Smith

Kenda Marshelle Harrison

DNP Project: "Exploring and Overcoming Barriers to Cervical Cancer Screening Guideline Adherence"

Advisor: Dr. Ellise Adams

Folasade Rafat Kanimodo

DNP Project: "Achieving Sexual Health: An Evidence-Based Approach to Increase Knowledge of Sexual Transmitted Infections/HIV on a College Campus"

Advisor: Dr. Yeow Chye Ng

Stephanie Nicole Mott

DNP Project: "A Nurse-Led Intervention Designed to Improve Compliance for Patients Receiving Hemodialysis"

Advisor: Dr. Louise O'Keefe

Casey L. Norris

DNP Project: "Use of an Innovative Assessment, Intervention, Reassessment (AIR) Teaching Model to Measure Parents' Knowledge and Attitude Toward Using Nasal Suction for Infants with Acute Bronchiolitis"

Advisor: Dr. Pamela O'Neal

Lee Andrew Petrarca

DNP Project: "Snuffing Out Tobacco Use with a One-Two Punch: Decreasing Resistance to Smoking Cessation Program Referrals in the Veteran Population through Provider Education and Initiation of Dual Therapy"

Advisor: Dr. Louse O'Keefe

Jolly M. Punchamannil

DNP Project: "Improving a Medical Unit's Medication Education by Integration of a Teach-Back Program"

Advisor: Dr. Rita Ferguson

Joan Katherine Riordan

DNP Project: "Use of Technology to Increase Physical Activity in Female Veterans and Soldiers"

Advisor: Dr. Susan Alexander

Jennifer Lynn Spires

DNP Project: "The Use of a Short Message System Reminder in Patients Receiving Subcutaneous Immunotherapy: Evaluating Adherence Rates and Perceived Efficacy"

Advisor: Dr. Lenora Smith

Master's Degrees

COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Master of Arts

Rebecca Suzanne Collins

Public Affairs

Ryan J. Connelly

Public Affairs

Deborah Denise Drake II

Public Affairs

Elizabeth East

Psychology

Thesis: "Cybersecurity and Subliminal Priming"

Advisor: Dr. Sandra Carpenter

Sean M. Ford

Public Affairs

Cesar E. Gonzalez

Psychology

Thesis: "The Utility of Self-Report Measures in the Detection of Malingered Chronic Pain"

Advisor: Dr. Eric Seemann

Karson R. Goodman

English

Shannon Meredith Lampton

History

Shelia Elizabeth McGhee

English

Dawn Marie Suiter

History

Jonathan G. Tyler

English

Thesis: "The Trail of Blood: Queer History Through Vampire Literature"

Advisor: Dr. Laurel Bollinger

Norris Edward Vaughn

Public Affairs

COLLEGE OF BUSINESS

Master of Accountancy

Jeffery Brian Abbott

Brianna N. Buchanan

Jennifer L. Davis

Kedrick C. Holder

Alicia Diane Rupe Wertz

Christopher David Taylor

Master of Business Administration

Hannah Auer

Ashton Stephanie Baker

Pamela Cavender Blackmon

Kadeidra O. Bowie

Jacob Buckley

Jessica Erin Cave

Oscar Chahin

David Michael DiPlacido

John David Eagan

Vanessa B. Ennis

James William Ferguson III

LaRaine Charlotte Gatrey

Kathryn S. Huff

Ketty L. Ibanez

Chanty F. Jackson

Erik Langford

Penny Elizabeth Manthey

Amanda Lynn Mobley

Weston T. Montgomery

Austin Grant Mordecai

Gavin C. Morgan

Jeffery Caleb Nabors

Sarah Elizabeth Neeley

Hai Viet Nguyen

Ryan Lee Noe

Jane Elizabeth Pearson

Meredith Jillian Prueitt

Rebekah Graham Reed

Troy R. Saxton

Kristen Nicole Sharp

Mitchell Clark Wrinkle

Yingqi Ye

Master of Science

Aditya Niranjan Anchan

Management Science-Business

Analytics

Michelle Violene Bennich

Cybersecurity

Andrea B. Benson

Supply Chain and Logistics

Management

Uday Kumar Billur

Management Science-Business

Analytics

Pamela Cavender Blackmon

Supply Chain and Logistics

Management

Anvesh Bokka

Management Science-Business

Analytics

Kelly M. Bradford

Management Science-Business

Analytics

Angelique Yvette Bradley

Supply Chain and Logistics

Management

Yuxi Chen

Management Science-Business

Analytics

Ross Andersen Cherry

Management Science-Business

Analytics

Amy E. Compton

Supply Chain and Logistics

Management

Robert R. Cowley

Supply Chain and Logistics

Management

Austin Kane Dombrowski

Cybersecurity

Stuart Emerson Fischer

Supply Chain and Logistics

Management

Frank Adrian Gossett

Cybersecurity

Yang Gu

Management Science-Business

Analytics

Lee Ann Hanback

Management Science-Business

Analytics

Alexander S. Harris

Management Science-Business

Analytics

Nareshkumar Jayavelu

Management Science-Business

Analytics

Thomas J. Johansen

Management Science-Business

Analytics

Phani Deepa Sarma Kesanupalli

Management Science-Business

Analytics

Jared Kimminau

Supply Chain and Logistics

Management

Meghan Amanda Langston

Supply Chain and Logistics

Management

Runtian Li

Management Science-Business

Analytics

Elizabeth Rose Mason

Supply Chain and Logistics

Management

Bonnie Annetta Rushworth

Supply Chain and Logistics

Management

Marjan Tavakoli

Supply Chain and Logistics

Management

Donald Francis Utley
Supply Chain and Logistics
Management
Venkateswara Rao Vyamasani
Management Science-Business
Analytics
Lauren M. Wiggins
Supply Chain and Logistics
Management

Master of Science in Information Systems

Prawesh Dhungel
Kimber Shaye Reeves
Erin Leah Robertson

Master of Science in Management

Ashton Stephanie Baker
Human Resources
Brandon Clint Breece
Human Resources
Jacob Edward Kerstiens
Human Resources
Caroline Mae Lang
Human Resources
Meghana Ninad Limaye
Human Resources
Katherine Camille Pitman
Human Resources

COLLEGE OF EDUCATION

Master of Arts

Brittany N. Allen
Teaching
Class A Secondary Education
Certification, Biology, Grades 6-12
Miranda Jean Murphy
Teaching
Class A Secondary Education
Certification, English/Language Arts,
Grades 6-12

Master of Education

Krystle L. Ames
Differentiated Instruction
Class A Certification, Secondary
Education, Grades 6-12

Angela M. Bargas
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Elizabeth Victoria Bower
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Stacy Breuers
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Jacob Dewayne Brown
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Elliot Bruce Carpenter
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Marcia Renae Day
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Joy L. Dempsey Meredith
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Kelly L. Johnson
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Sonja Lynne Lindsay
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Delia Guevara Martinez
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Beth Pipes Massey
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Lance McCord
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Haley H. Oyervidez
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

LaToya Renee Patton
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Lydia Shyan Peek
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6
Andrea Fortenberry Pollard
Differentiated Instruction
Class A Certification, Collaborative
Education, Grades K-6
Casey Copeland Privett
Differentiated Instruction
Class A Certification, Secondary
Education, Grades 6-12
Heather N. Rabending
Differentiated Instruction
Class A Certification, Collaborative
Education, Grades K-6
Jeanne M. Simpson
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages, Grades
P-12

Stephanie Springfield
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Traneshia Stoudemire
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Cynthia Ann Szumlanski
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Kenethia Cynshaé Tate
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Anna Clayton Walker
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Crystal K. White
Differentiated Instruction
Class A Certification, Elementary
Education, Grades K-6

Sumer Nicole White
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Master's Degrees

COLLEGE OF ENGINEERING

Master of Science

Ethan P. Hopping

Aerospace Systems Engineering
Thesis: "Design and Testing of a Hall Effect Thruster with Additively Manufactured Components"
Advisor: Dr. Kunning Gabe Xu

Aurulraj Selvaraj

Aerospace Systems Engineering

Master of Science in Engineering

Shahrzad Ainkeshavarzi

Civil Engineering
Thesis: "Crash Severity Analysis of School Buses in Alabama"
Advisor: Dr. Michael Anderson

Omar Q. Alrammah

Electrical Engineering

Chitawan Austin

Industrial and Systems Engineering

Dipanjan Banerjee

Electrical Engineering

Daniel D. Bekken

Electrical Engineering

Jonathan B. Bono

Industrial and Systems Engineering

Prabhav Gaganvihari Borate

Mechanical Engineering
Thesis: "Development of Data Driven Structural Health Monitoring (SHM) Approach Using Guided Lamb Wave Responses"
Advisor: Dr. Gang Wang

Daniel Brackmann

Electrical Engineering

Chelsea L. Brown

Electrical Engineering

Connor Bryant Brown

Industrial and Systems Engineering

Joseph D. Burriss

Industrial and Systems Engineering

Hang Fai Chan

Electrical Engineering

Jayesh Purushottam Chaudhari

Mechanical Engineering

Anthony Earl Christensen

Mechanical Engineering

Ryan Adam Cowart

Computer Engineering
Thesis: "An Implementation and Experimental Evaluation of Hardware Accelerated Ciphers in All-Programmable SoCs on Embedded and Workstation Computer Platforms"
Advisor: Dr. Aleksandar Milenkovic

James Q. Craig

Electrical Engineering

Bharath Daddala

Mechanical Engineering

Landon Keith Dalton

Civil Engineering

Abhinay Domala

Computer Engineering

Derek John Donewar

Industrial and Systems Engineering

Madhuri Edala

Computer Engineering

Holly R. Foshee

Mechanical Engineering

Garrett Jack Gammon

Industrial and Systems Engineering

Narayana Rao Gorthi

Computer Engineering

Kenneth Alexander Haines

Chemical Engineering
Thesis: "Kinetic Analysis of the Hypergolic Reactivity of Dimethylpiperazines with Red Fuming Nitric Acid"
Advisor: Dr. James E. Smith

Samuel James Hobbs

Mechanical Engineering

Benjamin Arthur Holt

Industrial and Systems Engineering

Seth Neal Hughes

Computer Engineering

Christopher Jean

Electrical Engineering

Avinash Katiki

Mechanical Engineering

Matthew John Kirschenheiter

Industrial and Systems Engineering

Satya Kalyan Magapu

Mechanical Engineering

Adam Coil Martin

Industrial and Systems Engineering

Hana McFeeters

Industrial and Systems Engineering

Patrick A. McInturff

Mechanical Engineering
Thesis: "Influences of Impingement Hole Shape and Small Roughness on Impingement Jet Array Heat Transfer"
Advisor: Dr. Phillip Ligrani

Christopher Steven McNichol

Electrical Engineering

Cory Ryan Medina

Mechanical Engineering
Thesis: "A Closed-Form Solution to the Aeroelastic Response of an Elastic Plate in Axial Flow"
Advisor: Dr. Chang-Kwon Kang

Scott Meyers

Mechanical Engineering

Ryan Daniel Miller

Electrical Engineering

Derrick J. Nelson

Electrical Engineering

Tien Cong Nguyen

Electrical Engineering

Ravi Teja Padamati

Computer Engineering

Poornesh Patruni

Electrical Engineering

Elizabeth Anne Patterson

Industrial and Systems Engineering
Thesis: "Utilizing SysML Viewpoints to Improve Understanding and Communication of Human Mental Models within System Design Teams"
Advisor: Dr. Dale Thomas

Nicholas Ryan Peterson

Civil Engineering

Jonathan Eugene Pryor

Computer Engineering
Thesis: "Feasibility of Physiological Monitoring Embedded in Smart Stuff"
Advisor: Dr. Emil Jovanov

Nikhitha Reddy Pulichintala

Industrial and Systems Engineering

Prithviraj Raja

Civil Engineering

Joshua Michael Schultz

Mechanical Engineering

Jaykumar Vinodbhai Sheladia

Civil Engineering

Brendan D. Sontag

Industrial and Systems Engineering

Tracy Staines

Industrial and Systems Engineering

Tyler Charles Staudinger

Electrical Engineering

Kennie M. Still

Mechanical Engineering

Wesley H. Stout

Industrial and Systems Engineering

Masaaki Suzuki

Mechanical Engineering

Thesis: "Influences of Impingement Hole Shape and Small Plus Large Roughness on Impingement Jet Array Heat Transfer"

Advisor: Dr. Phillip Ligrani

Chandra Shekar Rao Vara

Mechanical Engineering

Sudharshan Veerabatheran

Computer Engineering

Xiaolin Wang

Chemical Engineering

Thesis: "Passive and Active Cooling System Using Pentium G3258 and Intel Core I7-4770K Processors with FC-72"

Advisor: Dr. James E. Smith

Daniel Thomas Welch

Electrical Engineering

Andrew Douglas Williams

Electrical Engineering

Daniel William Yates

Electrical Engineering

Bojun Zhang

Electrical Engineering

Wuxing Zhang

Electrical Engineering

Thesis: "Metal Wire Grid Polarizer with Bridges For Infrared Transparent Electrodes"

Advisor: Dr. Junpeng Guo

Master of Science

in Operations Research

Matthew Douglas Brown

Master of Science

in Software Engineering

Alhassan Amer Asiri

Computer Engineering

Ian Donald Locy

Computer Engineering

Christopher Blake Stocker

Computer Engineering

COLLEGE OF NURSING

Master of Science in Nursing

Emily Caroline Adlich

Kirstin Alexandria Agent

Ashley Victoria Akins

Bianca Maria Armstrong

Angela N. Ayers

Thesis: "What is the Practice of the Perinatal Nurse Related to Newborn Suctioning Using the Bulb Syringe?"

Advisor: Dr. Ellise Adams

Kathleen G. Band

Destinee Renee Bartow

LaShonda Bell Battaglia

Lauren Leigh Box

Alicia Ray Bashkharatee Boyd

Breanna Woodis Brandon

Stacy Brooks

Carol L. Bullock

Jessica Lynn Burkeen

Marla Dean Byrum

James David Carter

Ricky Jeremy Carwile

Olivia Lewter Cathey

Jonathan Edward Caudle

Nicholas Addam Cleckler

Amanda Cordero

Eric Tucker Crampsey

Norman Edward Damron

Susanna Harris Davis

Amanda LeeAnna Dimasi

Lee William Elgin III

Hannah Bishop Ellison

Allison Y. England

Burley Joe Flanagan

Tiffany Lynn Forst

Chasity Danielle Fortune

Jeremy Paul Gaertner

Chrissy Jean Gardner

LaShawn S. Gardner

Lauren Sliger Garrard

Crystal Dawn Gaskins

Christopher Austin Verbon George

Mary Amanda George

Rebecca Gonzalez

Jacqueline P. Green

Christina Grover

Brandi R. Harbin

Ashton Maryedith Harden

Jennifer Elaine Harris

Gregory Matthew Headley

Jessica Lane Helsley

Amanda Lea Higgins

Katelyn Jane Hilborn

Shannon R. Hilley

Victoria Lynn Hines

Mark Edward Holladay

Melanie Rae Hughes

Kelly Amanda Jackson

Cody Edward Jarmon

Stacy M. Joiner

Jessica M. Jones

William Adam Jones

Chelsey Lauren Karr

Anthony H. Key

Sara K. Khan

Racheal Marie Kightlinger

NataLee Jean Kilpatrick

Sarah Sellari Kramer

Keith Michael Kunze

Shelly Laney

Robin Roney Loftin

Hanna Suzanne Lovelady

Ahmed M. Mahdi

Kelsey Palm Martin

Victoria Nicole Mathis

Joshua Lee McCamy

Nathan Ray McCamy

Kasondra D. McDonald

Taylor G. Melvin

Amber Griggs Mitchell

Thesis: "Creating a Safe and Effective Orientation Program Utilizing Nurses' Perception in a Small, Rural Hospital Emergency Department"

Advisor: Dr. Angela Hollingsworth

Aubrey Molder

Emily Dawn Moore

William D. Mullins

Margaret Kimberly Murdock

Haley Lane Nelson

Heather Noles

Bianca Alise Lorraine Norris

Elizabeth Thomas Pendergrass

Harvey Andrew Pleasanton, Jr.

Shannon Thor Pollard

Tyson Rainer

Kimberly L. Randolph

Stephanie Susan Rayl

Jennifer Marianne Rikard

Sonya Kay Robinson

Kaci Ann-Marie Ross

Jennifer L. Sanders

Kristie Michelle Sanders

Leslie Nichole Scott

Patrick Sellers

Lauren Adrienne Sharif

Daniel Samuel Shaw

Laura Elizabeth Shepherd

Monica L. Sissom

Elizabeth Jeanette Sloan

Master's Degrees

Bobby Joe Smith
James Lucas Stanly
Olivia Maureen Stewart
Kelley McQueen Strain
Lisa Strickland
Micole Andrea Stringfellow
Riddhi Patel Sutton
Jacob S. Taylor
Margaret Hatcher Terrell
Danyeil Lynn Thomas
Aubrey Michelle Thompson
LaFaye Akisha Thurmon
Sirmarial McDaniel Townsend
Alicia Vasquez
Tori Tess Vinsel
Lauren Nabors Walls
Jessica Rothwell Walters
Susan Gwenn Weaver
Ruoting Wei
Tracy Sartain Yandric

COLLEGE OF SCIENCE

Master of Science

Corey Gilbert Amiot

Atmospheric Science
Thesis: "Using C-Band Dual-Polarization Radar and Environmental Signatures to Improve Convective Wind Nowcasting at Cape Canaveral Air Force Station and NASA Kennedy Space Center"
Advisor: Dr. Lawrence Carey

Michael Arnold

Computer Science
Thesis: "Predictive Networking and Optimization for Flow-Based Networks"
Advisor: Dr. Daniel Rochowiak

Bidhan Bhattarai

Computer Science
Thesis: "Protein Crystallization Screening Using Novelty Search"
Advisor: Dr. Ramazan Aygun

Lakshmi Durga Sarvani Chanamolu

Computer Science

Nicholas M. Christensen

Modeling and Simulation
Thesis: "Validating Petri Net Models of Cyberattacks"
Advisor: Dr. Mikel Petty

Joshua Michael Coleman

Biological Sciences
Thesis: "Variation in Larval Behavior Across the Ecologically Distinct Host Populations of the Cactophilic *Drosophila mojavensis*"
Advisor: Dr. Debra Moriarity

Dharsunn Gunaseelan

Computer Science

Iksha Gurung

Computer Science
Thesis: "Hailstorm Detection with Radar Imagery Data Using a Deep Convolutional Neural Network"
Advisor: Dr. Chao Peng

Arsela Hameed

Chemistry

Nathan L. Henderson

Computer Science
Thesis: "Human Action Classification Using Temporal Slicing for Deep Convolutional Neural Networks"
Advisor: Dr. Ramazan Aygun

Hannah E. Jimmerson

Physics
Thesis: "X-Ray Spectroscopy of X COMAE and 3C273 to Study the Warm-Hot Intergalactic Medium"
Advisor: Dr. Massimiliano Bonamente

Mahesh Kumar Juttu

Computer Science
Thesis: "Associative Recommender System for Protein Crystallization Screening"
Advisor: Dr. Ramazan Aygun

Seongmin Kim

Atmospheric Science
Thesis: "An Analysis of Cumulus Cloud-Top Properties for 0-1 Hour Convective Initiation Nowcasting Using Himawari-8 Infrared and Near Infrared Fields"
Advisor: Dr. John Mecikalski

James Matthew John Lawlor

Modeling and Simulation
Thesis: "Application of Machine Learning Models to CFTR Enhancer Discovery"
Advisor: Dr. Eric Mendenhall

Christina Grace Alicia Leach

Atmospheric Science
Thesis: "Implementing Active/Passive Atmospheric Profiling Observations to Enhance Dual Polarization Radar Hydrometeor Classification Algorithms for Winter Precipitation"
Advisor: Dr. Kevin Knupp

Dana Margaret McCollum Timms

Biological Sciences
Thesis: "Reproductive Timing of the Largescale Stoneroller, *Campostoma oligolepis*, in the Flint River, Alabama"
Advisor: Dr. Bruce Stallsmith

Ashraf Moradi

Physics

Caitlin Anne Morrow

Chemistry

Poornimadevi Palanisamy

Computer Science

Sarvagya Pant

Computer Science

Vinar Vijaykumar Patel

Computer Science

Geoffrey Wayne Paul

Modeling and Simulation
Thesis: "A Bayesian Testing Strategy for the Model-Test-Model Paradigm"
Advisor: Dr. Mikel Petty

Rohit Govind Pawar

Computer Science

Ryan Adkins Preston

Modeling and Simulation
Thesis: "Utilizing a Discrete Event Simulation of Material Handling Plans to Calculate Reinforcement Learning Rewards"
Advisor: Dr. Mikel Petty

Nigesh Babu Pugazhendhi

Computer Science

Vidya Keshava Rao Ravulapati

Cybersecurity

Jared T. Riebeling

Biological Sciences

Nethravathi Sathnur Nagaraj

Computer Science

Mohammed Shahid Sharieff

Cybersecurity

Bidhya Nandan Sharma

Computer Science

Anamika Shivhare

Computer Science

Mohammad Shojaeshafiei

Computer Science

Midusha Shrestha

Computer Science
Thesis: "Schema Matching and Date Integration with Consistent Naming for Protein Crystallization Screens"
Advisor: Dr. Ramazan Aygun

Suraj Subedi

Computer Science

Bofeng Tang

Space Science

Austin D. Vacek

Atmospheric Science
Thesis: "Identifying Physical Processes in Supercells for Nowcasting Severe Weather Potential"
Advisor: Dr. Lawrence Carey

Xingjian Wang

Material Science

HONOR GRADUATES

Honors indicated in the program are based on grades for semesters completed prior to the last semester. Actual honors for all completed work will be subsequently calculated and will appear on the official transcript and diploma.

SUMMA CUM LAUDE

3.9 - 4.0 on course work

Jeannie Bain
Jackson David Beasley
Lauren E. Black
James Christopher Block
Jessica Fay Booth
Jaime Isom Caldwell
Virginia Blanton Calvert
Matthew Alan Cecil
Scarlett Chandler Charles
Tanya Chavez
Matthew A. Christley
Hannah L. Denton
Gregory R. Duke
Melissa L. Edwards
Jelisa Cherelle Goode
Adam Knight Goodson
Haley Carissa Griffin
Sonya L. Haugsness
Olivia Hope Hitt
Wendy W. Holmes
Beata Klosowska
Emily Latham
Ryan Benjamin Manecke
Alexander R. Marbut
Kristi Deanna Marlin
David T. Mayo
Aaron L. McNully
Angela McNutt
April Danyale Miller
Joshua Minott
Megan Lea Morris
Adam R. Neely
Anthony Duc Huy Ngo
Joseph Leo O'Mara
Brian Robert O'Neill
William David Parsons, Jr.
James David Pearce
LaDeana Anne Phillips
Noah James Pinyan
Csilla Reyes
David G. Ritchie
Donny Lee Rogers
Trent Colby Shelton
Jonathan A. Shields
John M. Siota
Elizabeth Sorrells
Christopher Michael Speakes
Susan G. Stewart
Son Hong Tran
Haven O. Tucker

Quintin Lanard Walton
Hannah Kaly White
McKenzie Ann Winsett

MAGNA CUM LAUDE

3.7 - 3.899 on course work

Jacob N. Adams
Husna Ansari
Colin Daniel Arnold
Daniel Julio Bernues
Michelle Marie Bircher
Mallorie Anne Blackstone
Logan A. Bryant
Rachel Marie Byrd
Matthew B. Clark
Sara Denise Coble
Sara Elizabeth Cook
Samantha L. Davis
Campbell Dobbs
Catherine Ann Gibbs
John C. Glosemeyer
Jacob Griffin
Catherine Ann Guthrie
Eliza M. Haley
Linda Angell Hanson
Bradley Reece Henderson
Kristina Henning
Michaela J. Hutchins
Alexander M. Indihar
Samantha N. Jenkins
Matthew Johnson
Bailey N. King
Susan Kitts
Brittany Ann Kjos
Sara Ann Leroy
Zachary S. Mann
Nathan C. Marchman
Kayla Ann Xu Morris
Janine Musnit
Kathryn P. Neeley
Minh V. Nguyen
Marie Catherine Patterson
James M. Patton
Zachary T. Pinz
Amanda Leigh Reyer
Samuel F. G. Richardson
Alexia Michelle Roberts
Vincent Edward Scatamacchia
Robert L. Seemann
Daisy M. Smith
Daniel C. Sorrells
Hannah Elizabeth Spencer

Tara RuthAnn Sprinkle
Jessica Loren Staggs
Alexis Dawn Strach
Leah Brooke Tabor
Cynthia Teyou
Melissa Dawn Underwood
John Andrew Woods
Daniel M. Wooten
Liqian Zhang
Zekun Zhang

CUM LAUDE

3.4 - 3.699 on course work

Sara Amirazodi
Christian M. Bailey
Kaitlyn Renee Bargas
James Aaron Barnett
Kristen Marie Bertrand
Kirtankumar Shashikant Bhagat
Nicholas Peter Blazina
John Lowell Boyer III
Kathryn Anna Bradley
Jeremy A. Burris
Philip M. Carden
Kevin W. Cardno
Kou Chang
Jeremy Neir Clark
Joseph J. Corleto
Zachary C. Cotten
Sydney Elysia Cotton
Jordan C. Cox
Marissa M. Davis
Gabriel Evan Denham
Shawn Michael Escher
Andrew Luke Geisen
Michael Joseph Gross
Jordan Guyse
Taylor Ryan Harold
Anna L. Haynie
Richard Gordon Higginbotham
Kyle Steven Hileman
Charabian U. Hill
Mary Hinson
Hannah Busk Hobbs
Holland M. Hodge
Delaney L. Humphrey
Erik Ryan Hyska
Isia Kay Jenkins
Corey Jett
Jacob A. Joiner
Wenqiang Jones
Lemont V. Joseph

HONOR GRADUATES

Honors indicated in the program are based on grades for semesters completed prior to the last semester. Actual honors for all completed work will be subsequently calculated and will appear on the official transcript and diploma.

Christopher Mathew Kaufman
Benton Wilson Key
Raleigh J. Killen
Sydney Nicole King
Rachel L. Lawley
Kristen Nicole Lawson
Jiarui Li
Wanyu Li
Brandi Lisenbee
Cory Jacklyn Livingston
James Garrett Loudin
Henry C. Mahler
Laura Brooke Martin
Stephanie Leigh Mason
Kelsey Lee Matthews
Chase Danson McRae
Andrew Houston Minor
Earl C. Mirus
Jeremy Keeton Morrow
Caleb J. Neiman
Tiffany P. Nguyen
Andrew F. Nichols
Nathan A. O'Neal
Issaias Ortis
Brijesh Chirag Patel
Craig Alan Payne
Alexa C. Perez
Kameron K. Pierce
Julie Byrd Poe
Keisha Marie Poleon
Mary Ann Randel
David T. Ratledge
Ashley Nicole Reeves
Zachary Wayne Riley
Katherine Joy Romine
Michelle Ann Rule
Drake R. Sasser
William Casey Selby
Gentry Tanner Shaw
Victoria Joan Stewart
Huntington Stickels
John Harrison Stone
Molly Katherine Sulcer
Jared Sutherland
Hannah M. Thomas
Olivia M. Walker
Peyton E. Walker
Tevon James Walker
Alyssa C. Williams
Kailey B. Williams
Amanda Lynn Yates
Taylor Paige Yeazitzis

Bachelor's Degrees

COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Bachelor of Arts

Olivia L. Angel
Psychology

Husna Ansari
Art

Christian M. Bailey
Sociology

Kaitlyn Renee Bargas
History

Allison Catherine Billingsley
Communication Arts

Michelle Marie Bircher
Political Science

Lauren E. Black
Sociology

Nicholas Peter Blazina
Foreign Language International
Trade-Russian

Laria Sharda Bone
Foreign Language-Spanish and
Sociology

Anna Catherine Brown
Psychology

Roderick Earl Buycks, Sr.
Psychology

Rachel Marie Byrd
History

Laura Christine Calvert
Psychology

Patricia Cates
History

Bailey Chesser
Communication Arts

John Edward Cornelius III
Art

Zachary C. Cotten
Art

Sydney Elysia Cotton
Sociology

Keaira Marie Crowson
Sociology

Sarah Louise Davis
English

Vaughan Alexander Dees
English

Christina M. Defoe
Psychology

Grenycherida Xavier DeFreitas-Jensen
Foreign Language-Spanish

Lisette Stephanie Eagan
Foreign Language International
Trade-Spanish

Musu Freeman
Psychology

Andrew Luke Geisen
English

Alyssa Gibson
Communication Arts

Adam Knight Goodson
History

Olivia Hope Hitt
Music

Jeralyn Angelique Hudson
Psychology

† Delaney L. Humphrey
Political Science
Thesis: "Insights into Russian Energy
Policy: The Viability of Renewable
Energy in Russia"
Advisor: Dr. Shuang Zhao

Erik Ryan Hyska
Sociology

Jessica Mary Jendro
Communication Arts

Hannah Rose Johnson
Music

Matthew Johnson
History

Madeline Rae King
Political Science

Kathleen Elizabeth Kirkland
Communication Arts

Sandra Lauren Knecht
Psychology

Brooke Dana Diaz LeVan
Communication Arts

Falan Olivia Littleton
Communication Arts

Jasmine Courtney Lucious
Sociology

† Alexander R. Marbut
Foreign Language-Spanish and
Psychology
Thesis: "Language as a Cognitive
Frame"
Advisor: Dr. Eric Seemann

Alanna Marks
Foreign Language-Spanish

Robert Mitchell McDonald
English

Jillian B. McMillian
Communication Arts

Aaron L. McNully
History

Lilian Mendoza
Sociology

Caleb J. Neiman
English

Tiffany P. Nguyen
Art

Brian Robert O'Neill
Foreign Language-Spanish

Cassidy Ann Orand
History

William David Parsons, Jr.
Foreign Language-Spanish

LaDeana Anne Phillips
Political Science

Shonice Teaira Pitts
Communication Arts

Bakari J. Prigg
Theatre

Elizabeth A. Ratliff
Art

Zachary O. Redfield
English

Andrew E. Reid
Foreign Language-French

Angelica Janine Reidy
Music

Amanda Leigh Reyer
Psychology

Bryan Thomas Rowse
Psychology

Savannah Caitlin Rutherford
Music and Theatre

Caitlin Leah Smoker
Sociology

Lindsey Standley
Psychology

Huntington Stickels
Communication Arts

John Harrison Stone
Communication Arts

Alexis Dawn Strach
Art and History

Samuel Albert Taylor
Political Science

† Hannah M. Thomas
English
Thesis: "Some Melodious Sonnet:
Southern Cultural Identity in Popular
Religious Poetry"
Advisor: Dr. Anna Foy

Jasmine Turner
Psychology

Randy S. Vance
Art

Michael Varchetta
Political Science

Bachelor's Degrees

Olivia M. Walker
English and Foreign Language-German
Quintin Lanard Walton
English
Adam Reichard Weatherly
Communication Arts
Samuel Cole Witt
Psychology
Jennifer Diane Wright
History
Taylor Paige Yeazitzis
Psychology and Sociology

Bachelor of Fine Arts

Tanya Chavez
Art
Cynthia Kimberly Flint
Art
Wenqiang Jones
Art
Kameron K. Pierce
Art
Samuel F. G. Richardson
Art
Alexia Michelle Roberts
Art
Victoria L. Sellars
Art
Daisy M. Smith
Art

COLLEGE OF BUSINESS

Bachelor of Science

David T. Mayo
Economics and Computational Analysis

Bachelor of Science in Business Administration

Jonathan Kent Adams
Information Systems
Feras Radi I Alnaghmouh
Accounting
Cydney Amos
Marketing
Taha Ansari
Information Systems
Lauren Courtney Baker
Management
James Aaron Barnett
Management

Robert M. Baugh
Management
Alex Bentley
Information Systems
Teresa A. Berry
Marketing
Kirtankumar Shashikant Bhagat
Management
Amy Lynn Blanton
Management
Nicholas Peter Blazina
Management
Dalton Cole Branch
Management
Lindsey Elizabeth Brannen
Marketing
Patrick William Brooks
Management
Randall L. Busby
Accounting
Virginia Blanton Calvert
Accounting
Mariah Raelynn Carlson
Accounting
Matthew Alan Cecil
Management
Kou Chang
Information Systems
Grace P. Christopher
Accounting and Finance
Danni Chu
Finance
Matthew B. Clark
Accounting
Sara Denise Coble
Accounting
Joseph J. Corleto
Management
Samantha L. Davis
Marketing
TeOndrea S. Derrick
Information Systems
James D. Downard III
Information Systems
Melissa J. Dutton
Accounting
Frederick C. Eason
Management
Tanner Chayse Elliott
Management
Shawn Michael Escher
Information Systems

Jasmine Alisa Fortenberry
Management
Ienas K. Gafer
Management
Carter Allan Garrison
Information Systems
James A. Gauldin
Finance
Marina Ginos
Accounting
John C. Glosemeyer
Management
Christopher H. Goode
Marketing
Margaret Kendall Gramke
Management
Haley Carissa Griffin
Accounting
Jacob Griffin
Accounting
Jacob Randall Griner
Accounting
Jordan Guyse
Management
Andrew Dyer Hale
Marketing
Eliza M. Haley
Management
Blake A. Hammock
Management
Nicholas Casey Hauck
Information Systems
Sonya L. Haugsness
Information Systems
Kristina Henning
Management
Szeyen Evelyn Him
Accounting
Mary Hinson
Information Systems
LaLonne Chantel Humphrey
Management
Michaela J. Hutchins
Accounting
Devin P. Jacobson
Finance
Samantha N. Jenkins
Management
Sen Jiang
Management
Marla D. Johnson
Marketing
Whitney M. Johnson
Accounting

Mikeil R. Jones
 Information Systems
Hannah Leigh Rose Judy
 Accounting
Christopher Lance Kilpatrick, Jr.
 Management
Bailey N. King
 Marketing
Shardaé LáShelle King
 Management
Sydney Nicole King
 Management
Sri Harsha Koneru
 Finance
Sara Ann Leroy
 Accounting
Jiarui Li
 Accounting
Wanyu Li
 Information Systems
Brandi Lisenbee
 Management
James Garrett Loudin
 Management
Daniel Michael MacIntyre
 Information Systems
John Thomas Malone IV
 Finance
Travis H. Mann
 Information Systems
Zachary S. Mann
 Accounting
James Michael Marenic, Jr.
 Management
Zachary Maresh
 Management
Cody Michael Marooney
 Marketing
Jordan L. Marsh
 Information Systems
Laura Brooke Martin
 Accounting and Finance
† Kelsey Lee Matthews
 Accounting and Management
 Thesis: "An Exploration of the
 Effects of Logistical Changes
 on Company Culture"
 Advisor: Dr. Anna Devlin
Summer Elizabeth McDonald
 Management
Addison O. McGee
 Marketing
Andrew James Meral
 Finance

Ezekiel Freeman Moore
 Accounting
Jeremy Keeton Morrow
 Accounting
Alex Charles Morton
 Management
Katherine A. Mosby
 Marketing
Janine Musnit
 Information Systems and Management
Kathryn P. Neeley
 Accounting
Adam R. Neely
 Accounting
Iya J. Newsome
 Management
Anthony Duc Huy Ngo
 Accounting and Finance
Precious Olocha
 Accounting
Nathan A. O'Neal
 Information Systems
Issaia Ortis
 Management
Michael Harold Owens, Jr.
 Marketing
Hannah Padgett
 Finance
Ravi M. Patel
 Management
Shashin Patel
 Information Systems
Marie Catherine Patterson
 Accounting
Mitchell Patrick Payne
 Information Systems
Alexa C. Perez
 Management
Thomas Huynh Pham
 Management
Pavy Phangnivong
 Management
Elizabeth Garrett Pheny
 Management
Aaron Robert Phillips
 Information Systems
Jevontee L. Phillips
 Information Systems
Noah James Pinyan
 Marketing
Justin T. Powell
 Information Systems
Shaun J. Powell
 Management

Adriana Christina Prince
 Marketing
Ryan Christopher Raynor
 Accounting
Ashley Nicole Reeves
 Accounting
Farida Rennie
 Accounting
Csilla Reyes
 Accounting and Finance
Dylan S. Rice
 Management
Jackson Daniel Rice
 Accounting
Emily Elizabeth Roberts
 Management
Melissa A. Robertson
 Information Systems
Donny Lee Rogers
 Accounting
Jessica JoAnna Rosales
 Management
Trevor Alden Satterfield
 Marketing
Lauren Vincent Schreiber
 Accounting
Marcus G. Sergenti
 Management
Stephanie G. Sherbert
 Management
Christopher Michael Speakes
 Information Systems
Nathan K. Strouth
 Management
Lisa Driste Suits
 Accounting and Management
Jared Sutherland
 Management
Kealee B. Swann
 Marketing
Justin Swinford
 Information Systems
Jordan Dean Thomas
 Accounting
Cierrina DéShane Thompson
 Management
Mary Brogan Thompson
 Marketing
Shelby G. Traff
 Marketing
Jacob David Tritt
 Management
Mark Alan Turnbow
 Accounting

Bachelor's Degrees

Chelsey Turner
Marketing
Scott Benjamin von Jouanne
Management
Wenxin Wang
Information Systems
Dylan M. Ward
Marketing
Kailey B. Williams
Accounting
Amanda Lynn Yates
Accounting
Liqian Zhang
Finance
Shiyao Zhang
Management

COLLEGE OF EDUCATION

Bachelor of Arts

Jasmine Noelle Brown
Elementary Education
Jasmine M. Cater
Elementary Education
Emily Paige Glover
Elementary Education
Class B Elementary Education
Certification, Grades K-6
Anna L. Haynie
Elementary Education
Class B Elementary Education
Certification, Grades K-6
Rachel L. Lawley
Elementary Education
Class B Elementary Education
Certification, Collaborative Teacher
Certification, Grades K-6
Kristen Nicole Lawson
Elementary Education
Class B Elementary Education
Certification, Collaborative Teacher
Certification, Grades K-6
April Danyale Miller
Elementary Education
Class B Elementary Education
Certification, Grades K-6
Liliana Peinder
Elementary Education
Leah Brooke Tabor
Elementary Education
Class B Elementary Education
Certification, Grades K-6

Melissa Dawn Underwood
Elementary Education
Class B Elementary Education
Certification, Grades K-6
Alyssa C. Williams
Elementary Education
Class B Elementary Education
Certification, Collaborative Teacher
Certification, Grades K-6

Bachelor of Science

Morgan R. Anderson
Kinesiology
Kyle You Elder
Kinesiology
Quaneisha Shakieya Griffin
Kinesiology
Charabian U. Hill
Kinesiology
Tjahane D. Holmes
Kinesiology
Wendy W. Holmes
Secondary Education
Class B Secondary Education
Certification, Biology, Grades 6-12
Isia Kay Jenkins
Kinesiology
Brittany Ann Kjos
Kinesiology
Cassidy Ann Orand
Secondary Education
Class B Secondary Education
Certification, History/Social Science,
Grades 6-12
Anna Leigh Roberts
Kinesiology
Robert L. Seemann
Kinesiology
William Casey Selby
Kinesiology

COLLEGE OF ENGINEERING

Bachelor of Science in Aerospace Engineering

Ian Scott Barker
Alan E. Bast
Pratik A. Bhardwaj
Jeremy A. Burris
Victoria Cain
Nathan Daniel Caldwell

† Matthew A. Christley
Thesis: "Probabilistic Risk Assessment
of Using Water Rockets for Educating
Students in K-12 Classrooms"
Advisor: Dr. Michael Benfield
Morgan T. Fleming
Philip A. Greer
Bradley Reece Henderson
Robert Mitchell Lawhon
Adam Chace Lothar
Brannon C. May
† Heather D. Rachford
Thesis: "Probabilistic Risk Assessment
of Using Water Rockets for Educating
Students in K-12 Classrooms"
Advisor: Dr. Michael Benfield
Jared D. Reeves
David G. Ritchie
Zane Roland, Jr.
Zachary Karl Russell
Tomoya Ueno
Maucus Ryan Valentine
Philip T. Williams

Bachelor of Science in Chemical Engineering

Kimberly Nicole Carson
Erin M. Coffey
Lauren Marie Fisher
Derek James Mitchell
Jet Beng Tan
Brittany Bailey Walton

Bachelor of Science in Civil Engineering

Jared R. McCalpin

Bachelor of Science in Computer Engineering

Daniel Julio Bernues
Jeremy Neir Clark
Todd Elliot Dick
Megan Elizabeth Dixon
Darren Samuel Gregory
Zachary Wayne Riley
Son Hong Tran
Elizabeth Paige Vest

† Tevon James Walker
Thesis: "Detection and Localization
of Drones Using Image Processing"
Advisor: Dr. Earl Wells

Kevin Wang
Zekun Zhang

*Bachelor of Science
in Electrical Engineering*

Stephen H. Abel
John Lowell Boyer III
Daniel Wayne Bray
Jordan C. Cox
Gabriel Evan Denham
Campbell Dobbs
Bryan Fernandez
Whitney Leigh Foster
Michael J. Gilmore
Vaibhav Gohil
Christopher Todd Griffith
Michael Gross

Corey Jett
Bradley Thomas Keites
Jacob P. Kerr

Evins Ramon McBride
Luke Austen McCain
Julie Melville

Aaron Joshua Minahan
Stephen J. Mobley
Valerie N. Money

Kayla Ann Xu Morris
Minh V. Nguyen
Andrew F. Nichols

James David Pearce

† Zachary T. Pinz

Thesis: "Microstrip Patch Antenna
Design for Wireless Energy Harvesting"
Advisor: Mr. Dennis Hite

David T. Ratledge

Andrew E. Reid

Benjamin H. Roberts

Katherine Joy Romine

Michael A. Rossmeier

Whitney Sharp

Trent Colby Shelton

Sarah Victoria Shirley

John M. Siota

Elizabeth Sorrells

James Michael Thorne

Kiriasuk Y. Wani

Milton Brian Watts

Anthony K. Wildman

Zekun Zhang

*Bachelor of Science
in Industrial and Systems Engineering*

Megan E. Ballinger
Florence Estelle Bertrand
Faith M. Buckley
Judd G. Childers

Leland Jason Collins

Marissa M. Davis

Andrew R. Johnson

Jordan Christopher Jones

Elizabeth Ann Neilson

Joseph M. O'Berry

Joshua P. Patterson

† James M. Patton

Thesis: "Using SIMIO Modeling
Software to Simulate the Operation
of a Small Medical Private Practice"

Advisor: Dr. Sampson Gholston

Kezia Phillip

Peyton E. Walker

*Bachelor of Science
in Mechanical Engineering*

Jacob N. Adams

Troy Austin Barrett

Stephen P. Beck

Timothy Wayne Blanks

† James Christopher Block

Thesis: "Direct Deposition 3D Printing
with Robotic Welding"

Advisor: Dr. Judith Schneider

Forrest Nathaniel Brooks

Logan A. Bryant

John Buffer

Joseph J. Burns II

Philip M. Carden

Kevin W. Cardno

William T. Carlton

Shane Edward Charnock

Tintsey D. Coats

Zachery D. Collison

Bradley Mark Cordell

Michael C. Delp

Gregory R. Duke

Christopher Allen Farmer

David Kyle Fowler

Yvonne Garrett

Stephon Giscombe

Benjamin R. Goodman

Claudjia Diane Lesakay Goulding

Wright A. Hackett

Adam Preston Hagewood

Jimmie V. Harding III

Douglas Collins Hess II

Kyle Steven Hileman

Jeremy C. Jackson

William Roby Johnson IV

Jacob A. Joiner

Lemont V. Joseph

Kevin S. Kelly

Ryan P. Kempland

Benton Wilson Key

Michael Harrison Kidd

Raleigh J. Killen

William Andrew Klingbeil

Nathan C. Marchman

Danial Jesse Martin

Reilly Clark McDerment

Andrew Houston Minor

Joshua Minott

Seena Nasser

Christian Danielle Newton

Mary Nguyen

Brijesh Chirag Patel

Yogesh Mahendra Kumar Patel

Matthew Blake Price

Alec Lee Quintanilla

Michelle Ann Rule

William B. Runyans

Nathan Andrew Sandlin

Gentry Tanner Shaw

Daniel C. Sorrells

Patrick T. Speece

Tara RuthAnn Sprinkle

Rebecca Shea Thomas

Adam P. Vestal

John Michael Waits

Christopher Paul Warren

Andrew Thomas Wells

Michael Aaron Williams

Jesse R. Yost

Diana Florenta Zorzon

COLLEGE OF NURSING

Bachelor of Science in Nursing

Kaela Janene Adams

Jeannie Bain

Megan Elizabeth Battiste

† Kristen Marie Bertrand

Thesis: "A Study of Skin-To-Skin During
Cesarean Birth: A Mother's Experience"

Advisor: Dr. Ellise Adams

Rachel D. Bialoskurski

Christine Corine Sombaye Bikomo

Mallorie Anne Blackstone

Bachelor's Degrees

Christopher Lee Blanton
Jessica Fay Booth
Claire Peyton Bowman
† Kathryn Anna Bradley
Thesis: "What is the Current Practice Regarding the Measurement of Ammonia Levels After Lung Transplantation?"
Advisor: Dr. Haley Hoy
Rachel Marie Brugman
Makyla J. Bruno
Jamie L. Bui
Thao-My Bui
Jaime Isom Caldwell
Renee W. Chan
Scarlett Chandler Charles
Nathaniel Earl Cline
Michaella Elaine Costas
Lorena Cruz Vasquez
Ian Mathew Dempsey
Hannah L. Denton
Anna K. Dillard
Meghan Judith Dunning
Melissa L. Edwards
Melissa Chaney Ellis
Laura Cole English
Kristina A. Faw
Kasey Elle Fort
Cheyenne M. Freeman
† Elizabeth Marie Richards Gates
Thesis: "Validation and Optimization of CAPTURE: Rapid Diagnosis of Pathogens Causing Urinary Tract Infections"
Advisor: Dr. Louise O'Keefe
Jelisa Cherelle Goode
Natalie Faith Graham
Lindsey L. Gusich
Catherine Ann Guthrie
Alicia M. Hall
Charlee Rene Halligan
Mariam Hamdani
† Linda Angell Hanson
Thesis: "Assessing the Efficacy of Recommended Antiseptics for Killing Bacterial Growth in Neonatal Blue Bulb Syringes: Addressing a Clinical Issue"
Advisor: Dr. Pamela O'Neal
Megan Olivia Hart
Mylaysha Katelynn Hester
Candace Hiland
Caroline R. Hill
Mackenzie B. Hill
Hannah Busk Hobbs
Allison N. Hodges

Shelby Kaitlyn Hoff
Tyler S. Hogan
Allison M. Hood
Molly Frances Howle
LeighAne Denise Hunter
Morgan D. Ingram
Abigail Burks Jacobs
Jaeun Jeong
Audrey Ann Johns
Noah Micah Johnson
John R. Kahler
Alyssa K. Karl
Bethnee D. Kelly
Bailey Elizabeth Knop
Emily Latham
Cory Jacklyn Livingston
Kristi Deanna Marlin
Stephanie Leigh Mason
James Casey Massey
Maria Isabel Matias
Jennifer D. McCay
Angela McNutt
Gennifer Marie Morgan
Heather Renee Morris
Megan Lea Morris
Kailyn Rose Murphree
Thutrang Nguyen
Tien Pham Thao Nguyen
Tiffany Chanté Norwood
Ayobami Victoria Odewale
Brighid Mary O'Reilly
Natalie Pachinger
Craig Alan Payne
Alyssa Mae Phillips
Emily Karissa Phillips
Julie Byrd Poe
Ashley Marissa Poindexter
Rebecca Lenore Raine
Mary Ann Randel
Victoria Anne Reina
Colette E. Reynolds
Kelsey B. Reynolds
Frederick Richardson
Yashira M. Rodriguez
Tameka Lynn Sampson
Benjamin Barrett Sanders
Jennifer Nicole Schroeder
Brandi M. Seavers
Haley N. Shattuck
Hye Gyeong Sin
Holly Nicole Smith
Hannah Elizabeth Spencer
Jessica Loren Staggs
Briley M. Stephenson
Susan G. Stewart

Victoria Joan Stewart
Cynthia A. Storm-Jessett
Julie Lynn Styles
Alexandria Summers
Cynthia Teyou
Carly Nicole Tomlin
Kayla Reide Vaughn
Jama Lynne Victory
Jessica G. Wells
Hannah Kalyn White
Michelle A. Wiethop
Sarah Gray Willis
Cupid Wilson
McKenzie Ann Winsett

COLLEGE OF SCIENCE

Bachelor of Science

Khalid Mohamedosman Abdalla
Computer Science
Amy Marie Ackerman
Biological Sciences
Keyana M. Adams
Biological Sciences
Jean Michael Almonte-Castanos
Computer Science and Mathematics
Sara Amirazodi
Earth System Science
Atlee R. Anderson
Biological Sciences
Colin Daniel Arnold
Physics
Demarcus A. Barnard
Biological Sciences
Jackson David Beasley
Physics
Christian Everett Besch
Computer Science
Joan Antionette Bohlman
Mathematics
Blair M. Breitreiter
Earth System Science
David R. Burcham
Computer Science
† Rachel Marie Byrd
Biological Sciences
Thesis: "Of Microbes and Men: The Effect of Men, Meat, Media and Microbes on An Industry"
Advisor: Dr. Stephen Waring
Olivia Grace Callaway
Earth System Science
Cristina Renata Canales
Biological Sciences

Garrett S. Caraway
Biological Sciences
Kevin Anthony Casebolt
Biological Sciences
Rachel Clanton
Biological Sciences
Sara Elizabeth Cook
Physics
Eliza Ruth Dellert
Computer Science
Jerrold Dizon
Chemistry
Kiana Louise Dumas
Biological Sciences
Paul Michael Dyer
Computer Science
† Catherine Ann Gibbs
Computer Science
Thesis: "Security Patterns
for Use in Software Development"
Advisor: Dr. Letha Etzkorn
Nancy Gabriela Gordillo-Herrejon
Computer Science
Alexander N. Gouker
Computer Science
Joshua Wyatt Graves
Mathematics
Wesley Aaron Guerin
Computer Science
Emily Elizabeth Haas
Biological Sciences
Gina Renee Hammon
Biological Sciences and Physics
Taylor Ryan Harold
Biological Sciences
Stephen Austin Hatfield
Biological Sciences
Bradley Ryan Hayes
Computer Science
Richard Gordon Higginbotham
Computer Science
Holland M. Hodge
Chemistry and Mathematics
Alexander M. Indihar
Computer Science
Zachary Taylor Johnson
Computer Science
Christopher Mathew Kaufman
Computer Science
Susan Kitts
Computer Science
Beata Klosowska
Computer Science and Mathematics
Margaret P. Klug
Earth System Science

Meagan H. Kyle
Biological Sciences
Taehyeok Lee
Computer Science
Dwight A. Love
Biological Sciences
Henry C. Mahler
Computer Science
Ryan Benjamin Manecke
Computer Science
James Alexander Mauldin
Computer Science
Chase Danson McRae
Biological Sciences
Carlos Mendoza, Jr.
Physics
Seyed Aminoddin Mirramezani
Biological Sciences
Earl C. Mirus
Earth System Science
Collin Kelley Mitchell
Computer Science
Joseph Leo O'Mara
Computer Science
Brian Robert O'Neill
Biological Sciences
Jenny L. Parker
Biological Sciences
† William David Parsons, Jr.
Computer Science
Thesis: "Concerns Related to GUI
Design and Language Features
and Tools that Address Them"
Advisor: Dr. Richard Coleman
Akshaye Gautam Patkar
Computer Science
Jared Michael Paul
Computer Science
Keisha Marie Poleon
Biological Sciences
LáRissa Nicole Polk
Biological Sciences
Kyle Wesley Rettke
Physics
Jacob Charles Rigby
Computer Science
Kelsey Morgan Romine
Mathematics and Physics
Drake R. Sasser
Computer Science
Vincent Edward Scatamacchia
Physics
David Altair Schaffer
Computer Science

Daniel Louis Schindler
Chemistry
Robin L. Scott
Mathematics
† Jonathan A. Shields
Computer Science
Thesis: "Analyzing the Capabilities
of the Next Engine: 3D Scanner
Ultra HD"
Advisor: Dr. Timothy Newman
Desirae Stinson
Biological Sciences
Molly Katherine Sulcer
Computer Science
Layne Thomas
Computer Science
Haven O. Tucker
Physics
Paula Renee Tucker
Earth System Science
Daniel Paul Turner
Biological Sciences
Kayla B. Wacaster
Biological Sciences
Kyle Wagner
Computer Science
Jeremy Walliser
Computer Science
Andrew Thomas Wells
Physics
John Andrew Woods
Biological Sciences and Chemistry
Daniel M. Wooten
Computer Science
Liqian Zhang
Mathematics

THE UNIVERSITY MACE

The ceremonial mace of The University of Alabama in Huntsville was commissioned for the school's first commencement in 1973 and incorporates materials that represent Huntsville's history from pioneer times to the Space Age.

The shaft of the mace is fashioned of native chittamwood (*Cotinus obovatus*) harvested on Huntsville's Monte Sano mountain. It also contains a section of a cedar log recovered from the 1823 Huntsville City water system, thought to be the oldest public water system west of the Appalachians.

Topping the three-foot-long mace is a glass display created at NASA's George C. Marshall Space Flight Center. It is backed with velvet in the official blue of both the university and NASA. Housed within it are materials that were processed during NASA's Skylab Missions and that represent the then new field of space-based materials technology.

The mace includes a section of a spacecraft nose cone that was a gift to UAH from the U.S. Army's Redstone Arsenal. This nose cone was subjected to an ablative process that led to the development of protective heat shields for spacecraft.

Another feature of the mace is a ceramic ring in white, the university's second color. It displays the school's 1950 founding date and the 1969 date when UAH became an autonomous campus as a member of The University of Alabama System.

ACADEMIC REGALIA

American universities adhere to the official Academic Costume Code adopted in 1895. It describes the styles of gowns, hoods, and faculty colors that symbolize the wearer's academic discipline and rank. Bachelor's gowns are the most simple, featuring a pleated yoke and front fabric panels. Master's degree gowns are distinguished by unusual sleeves, each of which has a long rectangular piece of cloth on the backside that dangles to the wearer's knees. Doctors wear the most elaborate of all academic gowns, as befits their status at the highest level of scholarship. Fuller and more flowing than master's or bachelor's gowns, doctors' gowns have distinctive billowy, bell-shaped sleeves, front facings of velvet, and three bars of velvet across the sleeves.

FACULTY COLORS

The colors used to symbolize areas of study are referred to as "faculty colors" and trace their history to the Middle Ages when color and costume conveyed to the mostly illiterate populace visual messages about rank and occupation. Colors are displayed on doctor's gowns, edging of hoods, and tassels on caps.

Agriculture, *Maize*

Arts, Letters, Humanities, *White*

Business, *Drab*

Dentistry, *Lilac*

Economics, *Copper*

Education, *Light Blue*

Engineering, *Orange*

Fine Arts, *Brown*

Forestry, *Russet*

Journalism, *Crimson*

Law, *Purple*

Library Science, *Lemon*

Medicine, *Green*

Music, *Pink*

Nursing, *Apricot*

Oratory, *Silver Gray*

Pharmacy, *Olive Green*

Philosophy, *Dark Blue*

Physical Education, *Sage Green*

Public Administration, *Peacock Blue*

Public Health, *Salmon Pink*

Science, *Golden Yellow*

Social Work, *Citron*

Theology, *Scarlet*

Veterinary Science, *Gray*

READERS

Andrea Word-Allbritton, Ed.D.

Brian Landrum, Ph.D.

WIND ENSEMBLE

Dr. Dave Ragsdale, *Conductor*

Christopher Puckett, *Vocalist*

Andrew, Jalexia

Atkins, Nicholas

Baggett, John

Battle, Khari

Behr, Avery

Biffle, Jordan

Boggan, Chris

Burt, Kelsi

Campbell, Sean

Carter, Muriel

Cash, Hope

Castle, Dancy

Champion, Kendall

Collins, Andrew

Dattilo, Case

Dattilo, Kendall

Dow, Lindsey

Dubaz, Morgan

Fox, Austin

Fulton, Giselle

German, Jonathan

Gilbert, Janessa

Giles, Melissa

Gregory, Lydia

Hartfield, Jesse

Hockenga, Joseph

Hurley, Shelby

Hurley, Zachary

Jeffreys, Shannon

Kim, Hyun Woo

Leone, Christopher

Martin, Trevor

McClain, Connor

McKinney, Quinten

Medley, Katherine

Miller, Jake

Montgomery, Tyler

Moyers, Kayla

Newman, Katherine

Parker, Ryan

Perry, McKynzie

Phillips, Tori

Pope, Alva

Pugh, Aaron

Smith, Gavin

South, John

Stevens, Elijah

Stinnett, Sawyer

Tiffany, Andrea

Vega-Ortiz, Christian

Wallace, Aiden

Williams, Kayla

Woods, Steffin

Wright, Samuel

SPECIAL THANKS

UAH Lancers

HOODS

Hoods are lined with the official school colors to indicate where the wearers earned their degrees. Hood bindings or edgings are of velveteen and indicate field of study using faculty colors.

MORTARBOARDS AND TAMS

The origin of the mortarboard is subject to speculation, but some suspect the guild and apprentice systems of the Middle Ages. Then, during the construction of Europe's great cathedrals, master workers would mix mortar on similarly shaped boards. Hence, the mortarboard came to be associated with someone who had mastered the knowledge and skills necessary for his trade. Today, Ph.D.s often choose a soft velvet tam instead of the traditional mortarboard.

TASSELS

Colored threads have been part of academic costume since 1340 at Oxford, where students were compelled to adhere to strict rules of dress and maintain their everyday hoods by mending them with the color of thread representing their faculties. The use of colored threads to indicate field of study survives in the colored tassels suspended from graduates' mortarboards. Doctoral tassels are shorter and made of metallic or gold-colored threads.

COMMENCEMENT MARSHALS

Brent Wren, Ph.D., *University Marshal*
T.J. Brecciaroli, M.S., *Student Marshal*
Carmen Scholz, Ph.D., *Faculty Marshal*
Michael Banish, Ph.D., *Assistant Marshal*
Carolyn Sanders, Ph.D., *Mace Bearer*

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Robert A. Altenkirch, *President*
Christine W. Curtis, Ph.D., *Provost and Executive Vice President for Academic Affairs*
Robert E. Lyon, M.Ed., *Vice President for University Advancement*
Kristi L. Motter, Ph.D., *Vice President for Student Affairs*
Todd Barré, M.P.A., *Vice President for Finance and Administration*
Delois H. Smith, M.Ed., *Vice President for Diversity*
Rayford B. Vaughn, Ph.D., *Vice President for Research and Economic Development*
Brent M. Wren, Ph.D., *Associate Provost for Undergraduate Studies*

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Andy Cling, Ph.D., *College of Arts, Humanities, and Social Sciences*
David Berkowitz, Ph.D., *Graduate School*
T.J. Brecciaroli, M.S., *Dean of Students*
Sundar Christopher, Ph.D., *College of Science*
Karen M. Clanton, Ph.D., *College of Professional and Continuing Studies*
Jason Greene, Ph.D., *College of Business*
Shankar Mahalingam, Ph.D., *College of Engineering*
Beth Quick, Ph.D., *College of Education*
William Wilkerson, Ph.D., *Honors College*



THE STATE OF ALABAMA

The Honorable Kay Ivey, *Governor*

Dr. Ed Richardson, *Interim State Superintendent of Education*

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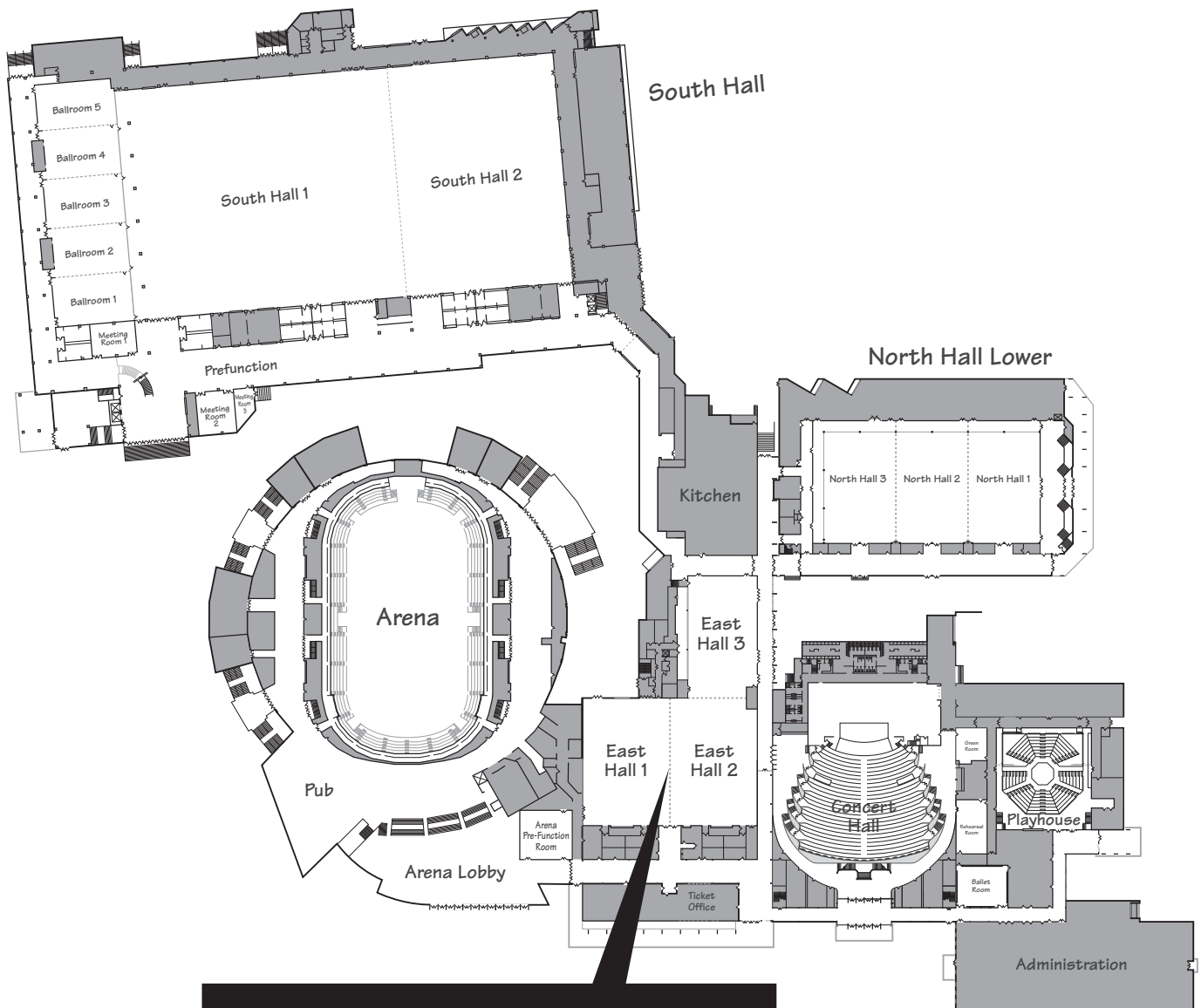
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Mr. Chad Tindol, *Vice Chancellor for Risk Compliance*

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MEET YOUR GRADUATE
for a reception in the VBC'S East Hall
immediately after the ceremony



GRADIMAGES

The Commencement Committee has arranged to have GradImages at the ceremony to take high-quality photographs of each candidate as he/she receives the diploma. Proofs will be sent to you within seven days after Commencement. There is no obligation to purchase the finished prints. Ordered prints will be delivered within thirty days of the deadline printed on order card. GradImages is the only photographer authorized by UAH to send photographs to the graduates.

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