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Commencement Programs

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Spring 2017 Commencement Program

University of Alabama in Huntsville

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FALL COMMENCEMENT

December 11, 2016



FIFTY-SIXTH COMMENCEMENT

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 11, 2016
2 p.m.

PRELUDE

UAH Wind Ensemble
C. David 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
Ms. Karen Young
Soloist

INVOCATION

Bruce Martin

WELCOME AND INTRODUCTION

Brent Wren, Ph.D.

COMMENCEMENT ADDRESS

The Honorable
Willie E. May
*Director and Under Secretary of Commerce for Standards and Technology
National Institute of Standards and Technology*

CONFERRAL OF HONORARY DEGREE

CONFERRAL OF DEGREES

Robert A. Altenkirch, *President*

ALMA MATER

Ms. Karen Young
Please stand and sing

RECESSIONAL

Audience remains standing

RECEPTION

Immediately following in the East Hall

**The Honorable
WILLIE E. MAY**

*Director and Under Secretary of Commerce for Standards and Technology
National Institute of Standards and Technology*

Dr. Willie E. May was named the 15th director of the National Institute of Standards and Technology (NIST) on May 4, 2015. He also serves as Under Secretary of Commerce for Standards and Technology. Dr. May had served in an acting role for those positions since June 2014. Prior to that assignment, he was Associate Director for Laboratory Programs, where he was responsible for oversight and direction of NIST's seven laboratory programs and served as the principal deputy to the NIST Director. Dr. May led NIST's research and measurement service programs in chemistry-related areas for more than 20 years.

As NIST Director, Dr. May provides high-level oversight and direction for NIST. The agency promotes U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology. NIST employs approximately 3,400 federal scientists, engineers, technicians, support staff, and administrative personnel at two locations - Gaithersburg, MD, and Boulder, CO. NIST's FY 2016 appropriation is \$964 million.

NIST hosts approximately 3,500 associates from academia, U.S. industry, and other government agencies, who collaborate with NIST staff and access user facilities. NIST also partners with more than 1,300 manufacturing specialists and staff at more than 400 Manufacturing Extension Partnership locations around the country.

Dr. May was the keynote speaker for commencement ceremonies at the University of Maryland in 2002; received an Honorary Doctor of Science and was speaker at Graduate School of Arts and Sciences commencement exercises, Wake Forest University in 2012; and he was the speaker for the winter commencement ceremonies at the University of Maryland, College of Computer, Mathematical and Natural Sciences, in 2015.

Dr. May received a bachelor of science degree from Knoxville College and a Ph.D. from the University of Maryland.

THE 2016 GRADUATION CANDIDATES

Doctoral Degrees

COLLEGE OF ENGINEERING

Doctor of Philosophy

Asma Ahmad Ali Alqudah

Field: Electrical Engineering
Dissertation: "Nonbinary Coded-Higher Order Modulation in Faster-Than-Nyquist Signaling"
Advisor: Dr. Laurie Joiner

David W. Austin

Field: Computer Engineering
Dissertation: "Runtime Performance Enhancement of Nondeterministic Applications on Partially Reconfigurable Architectures Using Task Agglomeration"
Advisor: Dr. B. Earl Wells

Rohit Dhariwal

Field: Mechanical Engineering
Dissertation: "Stochastic Theory and Direct Numerical Simulations of the Relative Motion of High-Stokes-Number Particles in Isotropic Turbulence"
Advisor: Dr. Sarma Rani

Armen A. Dzhangaryan

Field: Computer Engineering
Dissertation: "A Framework for Optimizing Data Transfers Between Edge Devices and the Cloud Using Compression Utilities"
Advisor: Dr. Aleksandar Milenkovic

Eric G. Forrest

Field: Electrical Engineering
Dissertation: "A Radar Waveform for a Nuclear Scintillated Environment"
Advisor: Dr. Laurie Joiner

William Randall Gaillard

Field: Electrical Engineering
Dissertation: "Electroosmotic Microfluidic Oligonucleotide Synthesis Reactor"
Advisor: Dr. John Williams

Sumalatha Kesavareddy

Field: Civil Engineering
Dissertation: "Analysis of Crash Severity at Signalized and Stop-Controlled Intersections"
Advisor: Dr. Michael Anderson

Tahmina Khan

Field: Civil Engineering
Dissertation: "Promoting Transportation Sustainability by Suggesting/Limiting Changes in Future Land use through Utilizing Available Roadway Capacity"
Advisor: Dr. Michael Anderson

Jaehoon Kim

Field: Civil Engineering
Dissertation: "Estimating Impact of the Reshoring Phenomenon on the U.S. Freight Transport and Network"
Advisor: Dr. Michael Anderson

James Clinton Knox

Field: Mechanical Engineering
Dissertation: "Predictive Simulation of Gas Adsorption in Fixed-Beds and Limitations Due to the Ill-Posed Danckwerts Boundary Condition"
Advisor: Dr. James E. Smith, Jr.

Daniele Lo Forti

Field: Electrical Engineering
Dissertation: "Transverse Stratified Structure for Tunable Beaming and Filtering at Terahertz Frequencies"
Advisor: Dr. Robert Lindquist

Chandrasekhara Bharath Panathula

Field: Electrical Engineering
Dissertation: "Certifiable Higher Order Sliding Mode Control: Practical Stability Margins Approach"
Advisor: Dr. Yuri Shtessel

Javier Sanchez Santiago

Field: Mechanical Engineering
Dissertation: "Robust Support Media for High Throughput Chromatographic Separations"
Advisors: Dr. Ramon Cerro
Dr. Carmen Scholz

Hongda Shen

Field: Electrical Engineering
Dissertation: "Efficient Lossless Compression of Regions of Interest in Hyperspectral Imagery"
Advisor: Dr. David Pan

Brian Allen Sweeney

Field: Mechanical Engineering
Dissertation: "Like-Doublet Injectors: The Effects of Varying the Impingement Distance and an Analysis of the Primary Atomization Zone"
Advisor: Dr. Robert Frederick

Justin Christopher Sweitzer

Field: Mechanical Engineering
Dissertation: "Material Sections and Nature Fragmentation Size Distributions in Heterogenous Shells"
Advisor: Dr. R. Michael Banish

COLLEGE OF SCIENCE

Doctor of Philosophy

Imren Dinc

Field: Computer Science
Dissertation: "Associative Data Analytics and Its Application to Protein Crystallization Analysis"
Advisor: Dr. Ramazan Aygun

Semih Dinc

Field: Computer Science
Dissertation: "Mirage: O (N) Time Analytical Multi-Camera Pose Estimation Method with Application to Trajectory Tracking Problem"
Advisor: Dr. Ramazan Aygun

Nan Feng

Field: Atmospheric Science
Dissertation: "Understanding the Climatic Impacts of Land Use and Land Cover Change over Southeast Asia Maritime Continent Using Numerical Model and Satellite Observations"
Advisor: Dr. Sundar Christopher

Xiaocan Li

Field: Space Science
Dissertation: "Numerical Simulations of Particle Acceleration During Solar Flares"
Advisor: Dr. Gang Li

John Thomas Wiley, Jr.

Field: Physics
Awarded Posthumously

Yihong Wu

Field: Space Science
Dissertation: "Pickup Ion Production in the Global Heliosphere and Heliosheath"
Advisor: Dr. Vladimir Florinski

Junye Ye

Field: Space Science
Dissertation: "A Focused Transport Approach to Interstellar Pickup Ion Acceleration at The Solar Wind Termination Shock: The Role of a Fluctuating Magnetic Field and Termination Shock Structure"
Advisor: Dr. Jakobus Le Roux

INTERDISCIPLINARY PROGRAMS

Doctor of Philosophy

Manavalan Gajapathy

Field: Biotechnology Science and Engineering

Dissertation: "Molecular and Functional Analyses of Inorganic Pyrophosphatases"

Advisor: Dr. Joseph Ng

Gregory Alan Skibinski

Field: Biotechnology Science and Engineering

Dissertation: "Characterization of Ubiquitin-Proteasome Dynamics in Caenorhabditis Elegans Muscle Cells During Protein-Folding Stress"

Advisor: Dr. Joseph Ng

Robyn K. Sweitzer

Field: Material Science

Dissertation: "Deposition and Characterization of Hermetic, Biocompatible Thin Film Coatings for Implantable, Electrically Active Devices"

Advisor: Dr. Carmen Scholz

Lin Yang

Field: Optical Science and Engineering

Dissertation: "Dynamic Optical Sampling By Cavity Tuning and its Applications in Ranging, Imaging, and Spectroscopy"

Advisor: Dr. Lingze Duan

COLLEGE OF NURSING

Doctor of Nursing Practice

Carolina Jesus Arguello

Scholarly Project: "Understanding the Overuse of Antibiotics among Latinos: Role of Primary Care Providers in Education Efforts"

Advisor: Dr. Lenora Smith

Teresa Fernandez

Scholarly Project: "Effect of Online Cognitive-Behavioral Treatment for Insomnia at Adult Primary Care Level"

Advisor: Dr. Lenora Smith

Melissa Foster Lonnergan

Scholarly Project: "Improving Adolescents Perceived Self-Efficacy Through Disaster Preparedness"

Advisor: Dr. Elizabeth Barnby

Charlotte J. MacDonald

Scholarly Project: "Needle Stick Injury Prevention and Education"

Advisor: Dr. Lenora Smith

Patricia Wheeler Poole

Scholarly Project: "Implementation of an Evidence-Based Early Sepsis Recognition and Treatment Protocol in the Emergency Department and Critical Care"

Advisor: Dr. Haley Hoy

Erin Ross

Scholarly Project: "Infant Oro-Nasal Suctioning in the Pediatric Outpatient Setting: Assessing Parent's Knowledge and Beliefs of Suctioning Practices"

Advisor: Dr. Pamela O'Neal

Sharon L. Spencer

Scholarly Project: "Association Development and Professional Transformation Model (ADAPT): Elevating Nursing Leadership Opportunities of Members in Professional Nursing Associations"

Advisor: Dr. Ann Bianchi

Master's Degrees

COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Master of Arts

Whitney Marie Andrews

History

Thesis: "'We Dare Defend Our Rights': Southern Exceptionalism in the Alabama Suffrage Debate"

Advisor: Dr. Christine Sears

Kelly L. Arnold

Psychology

Thesis: "The Theory of Planned Behavior as Applied to Helmet Use in Equestrians"

Advisor: Dr. Aurora Torres

Heather Patrick Beard

Psychology

Thesis: "Cybersecurity Message Framing"

Advisor: Dr. Sandra Carpenter

Michael D. Graham

History

Class A Secondary Education Certification, History, Grades 6-12

Laney Suzanne Jolley

English

Jennifer Lenea Mellard

History

Sarah Rene Moore

English

Thesis: "Animals and Sovereignty: The Politization of Bodies in The Avowing of Arthur and Yonec "

Advisor: Dr. Joseph Taylor

Robert Paul Noneman

Psychology

Thesis: "Lateralization of Tempo Processing and Sensorimotor Synchronization"

Advisor: Dr. Sandra Carpenter

Seth M. Porter

Public Affairs

Thesis: "Innovations in Accountability and Higher Education Accreditation: A Libertarian Paternalism Policy Proposal"

Advisor: Dr. Andrea Reeves

Kerri Elisabeth Satterfield

English

Gregory P. Skipworth

History

Class A Secondary Education Certification, History, Grades 6-12

Kristen Nicole Tunison

History

Jeremiah T. Williams

English

Barbara Jenine Wright

Psychology

COLLEGE OF BUSINESS ADMINISTRATION

Master of Accountancy

Reginald L. Amerson

William Austin Ing

Faith Fulton King

Jessica Marie King

Dongjoo Lee

Charles W. P. Love

Jennifer Anne McArthur

Philip Adeoye Oyedele

James Michael Palmer

Alicia Diane Rupe

Sarah Katelyn Smith

Winston A. Whitecotton

Qinxin Zhao

Master's Degrees

Master of Business Administration

Christopher Jon Anderson
Michael Joseph Balducci
Jennifer Marie Bish
Jennifer Michelle Black
Jeremy Michael Brunet
John Robert Carrier
Jake Ryan Cushen
Rachel Ann Daugherty
Qiang Deng
Robert James Douglas
Lorelei Noelle Duff
Nezar Ahmed El-Bashir
Jim C. Fisher, Jr.
Sage Creek Garriss
Mark Edsel Gauldin
Erica Margaret Rose Goosen
Christopher Gary Ivey
Marie N. Kaminsky
Sha Li
Damian Lively
David Andrew Mann
Johnny Lee Maroney
David Phillip Middleton
John William Milling
Matthew R. Mordecai
De'Onah T. Norfleet
Christopher Douglas Obergfell
Stuart Alexander O'Reilly
Dylan M. Owens
Amelia Joy Pettes
Tiffany Porterfield
Brett Patterson Powell
Jordan Steven Powell
Cole T. Rickles
Logan Wade Rogers
Angela Ximena Santos
Ashlee Savona
Daffney Simmons
Jessica Ann Simmons
Bailey Nicole Smith
Forrest Steven Smith
Kelli Jo Staggs
Taylor William Sutherland
Stephen T. Tygielski
Michael Tyrrell
Dominique Voltz
Olin Lloyd Walters
Jingyu Zou

Master of Science

Bernita Faye Robert Briggs
Supply Chain and Logistics
Management
Jordan L. Bronaugh
Management Science-Business
Analytics
Matthew Edward Eddy
Management Science-Business
Analytics
Jose' Alberto Figueroa, Jr.
Supply Chain and Logistics
Management
Elizabeth A. Hall
Management Science-Business
Analytics
Allison Wadsworth Heartsill
Supply Chain and Logistics
Management
James Ross Hickey
Cybersecurity
Thomas J. Johansen
Supply Chain and Logistics
Management
Robert Leggett
Management Science-Business
Analytics
Duncan Parker Liles IV
Supply Chain and Logistics
Management
Emilia W. Nguyen
Supply Chain and Logistics
Management
Mickelle Ann Penn
Supply Chain and Logistics
Management
Kell James Aroney Rozman
Cybersecurity
Alejandro Daniel Vargas
Supply Chain and Logistics
Management
Deborah Mae Wass
Management Science-Business
Analytics
William Anthony White
Supply Chain and Logistics
Management
Mitchell Lane Wilson
Supply Chain and Logistics
Management
James Alan Yeske
Cybersecurity

Master of Science in Information Systems

Sherry Wise Adams
Gregory Jason Burnett
Edward Lee Johnson
Ryan Patrick Turner
Brent Arnett Wade

Master of Science in Management

Gregory Allen Schroeder
Human Resources
Lee Cassie Walls
Human Resources

COLLEGE OF EDUCATION

Master of Arts

Stacy Michelle Whisenant
Teaching
Class A Secondary Education
Certification, Biology, Grades 6-12

Master of Education

Loryn Leigh Lemberg Barron
Differentiated Instruction
Class A Secondary Education
Certification, Mathematics, Grades 6-12
Rachel Taylor Camp
Differentiated Instruction
Class A Certification,
Collaborative Education, Grades K-6
Robin Burks Clay
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12
Kirsten Alyse Currier
Differentiated Instruction
Class A Certification,
Collaborative Education, Grades K-6
Leslie Heather Fann
Differentiated Instruction
Class A Certification,
Collaborative Education, Grades K-6
Monica Farris
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Anna C. Frederick
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Mary Shannon Freidlein
Differentiated Instruction
Class A Certification, Secondary
Education, English/Language Arts,
Grades 6-12

Stephanie Marie Kilgo
Differentiated Instruction
Class A Certification,
Collaborative Education, Grades K-6

Rebecca Mann
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Saher Afridi Masoodi
Differentiated Instruction
Class A Certification, Secondary
Education, English/Language Arts,
Grades 6-12

Caitlin Elizabeth McCamy
Differentiated Instruction
Class A Certification,
Collaborative Education, Grades K-6

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

Katie L. Montgomery
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Jessica Sara Oliver
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Lauren Rainwater
Differentiated Instruction
Class A Certification, Secondary
Education, English/Language Arts,
Grades 6-12

Aimee Thomas Scrivner
Differentiated Instruction
Class A Certification, Secondary
Education, English/Language Arts,
Grades 6-12

Cynthia Ann Szumlanski
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Ashleigh S. Trayvick
Differentiated Instruction
Class A Secondary Education
Certification, Mathematics, Grades 6-12

Emily M. West
Differentiated Instruction
Class A Certification, English for
Speakers of Other Languages,
Grades P-12

Taylor Childers Whisenant
Differentiated Instruction
Class A Certification,
Collaborative Education, Grades K-6

Diana Zarzour
Differentiated Instruction
Class A Certification,
Collaborative Education, Grades K-6

COLLEGE OF ENGINEERING
Master of Science

Danielle Emma Bryant
Cybersecurity

John James Gibbs III
Aerospace Systems Engineering

Britteny Lynne Hamilton
Aerospace Systems Engineering

Evan R. Helmeid
Aerospace Systems Engineering

Joshua Duane Hunt
Aerospace Systems Engineering

James Franklin McCreary IV
Aerospace Systems Engineering

Christopher Jay Paaymans
Aerospace Systems Engineering

Paulo Roberto Salvador, Jr.
Aerospace Systems Engineering
Thesis: "A Study of Electric Field
Modified Flames with Variable Burner
and Anode Placement for Rocket
Combustor Emulation"
Advisor: Dr. Kunning Gabe Xu

Brandon Joseph Straight
Aerospace Systems Engineering

Sneha Reddy Vanga
Aerospace Systems Engineering
Thesis: "Performance of Full Coverage
Effusion Cooling with a Crossflow
Supply Channel, Measured Using
Infrared Thermography and Liquid
Crystal Thermography"
Advisor: Dr. Phillip Ligrani

Lloyd J. Walker
Aerospace Systems Engineering

Master of Science in Engineering

Omar Abdulmusen Alzain
Electrical Engineering
Thesis: "Ultra-Thin Film Near
Perfect Light Absorbers and
Transmission Filters in Visible
and Ultraviolet Spectrum"
Advisor: Dr. Junpeng Guo

Logan Jon Ausderau
Mechanical Engineering
Thesis: "X-Ray Tomography of
High Capacity Anode Materials
for Lithium Ion Batteries"
Advisor: Dr. George Nelson

Rajeev Kumar Babu
Computer Engineering

Parvathavadhani K. Bahumanyam
Mechanical Engineering

Dipanjan Banerjee
Electrical Engineering

William Vann Bradford
Industrial and Systems Engineering

Mark Douglas Brethen
Mechanical Engineering

Felecia Antionette Brown
Industrial and Systems Engineering

Warren Blake Butler
Mechanical Engineering

Bhargav Chava
Electrical Engineering
Thesis: "Second Order Sliding
Mode Control Using Nonlinear
Dynamic Sliding Manifold:
A Lyapunov Approach"
Advisor: Dr. Yuri Shtessel

Brian Michael Cook
Mechanical Engineering

Master Degrees

Samuel Moroni Cordner

Mechanical Engineering
Thesis: "Evaluation of Porosity in Additively Manufactured Inconel 718 Through Density and Metallography"
Advisor: Dr. Judith Schneider

John Robert Crouch

Industrial and Systems Engineering

Sai Raghava Srinath Dasari

Electrical Engineering

Christopher McKelvey Davis

Mechanical Engineering

Amie Stephanie Eder

Mechanical Engineering

Chance N. Fowler

Electrical Engineering

Jesse Craig Frye

Computer Engineering
Thesis: "An Implementation of a High Accuracy Sensor for Distributed Wireless Sensor Network Applications"
Advisor: Dr. Emil Jovanov

Rachel Marie Garrard

Industrial and Systems Engineering

Derek Wayne Green

Industrial and Systems Engineering

David J. Hall

Electrical Engineering

Dakota James Haring

Mechanical Engineering

Alicia Danielle Harrison

Industrial and Systems Engineering

Andrew Clifton Hazen

Industrial and Systems Engineering

James Warren Hill, Jr.

Mechanical Engineering

Joseph Hunter

Electrical Engineering

Piyush Dnyaneshwar Jibhakate

Mechanical Engineering
Thesis: "Fabrication and Characterization of Nano/Micro-Sized Cathodes for Li-Ion Batteries"
Advisor: Dr. George Nelson

Patrick K. Johnson, Jr.

Electrical Engineering

Swaroop Kotike

Mechanical Engineering
Thesis: "A Self-Leveling Controller for Leg-Wheeled Lunar Rover"
Advisor: Dr. Farbod Fahimi

Tack Joo Lee

Electrical Engineering

Zhitong Li

Electrical Engineering
Thesis: "Perfect Light Trapping in Metal Nano-Trench Surface Cavities"
Advisor: Dr. Junpeng Guo

Derek D. Love

Industrial and Systems Engineering

Ian W. Lowther

Electrical Engineering
Thesis: "Performance Analysis of Turbo, LDPC, and Polar Codes in a Simulated Wireless 5G Channel"
Advisor: Dr. Laurie Joiner

Michael Shane Luker

Industrial and Systems Engineering

Benjamin Robert Lund

Mechanical Engineering
Thesis: "Investigation of Elastic Turbulence Phenomena within a Miniature Viscous Disc Pump"
Advisor: Dr. Phillip Ligrani

Julie Ann Mason

Mechanical Engineering

Vindhya Reddy Nallathimmareddygari

Computer Engineering
Thesis: "Performance Analysis of Smart Water Bottles as IoT Device"
Advisor: Dr. Emil Jovanov

Mounika Ponugoti

Computer Engineering
Thesis: "Techniques for Capturing and Filtering Data Value Traces in Multicores"
Advisor: Dr. Aleksander Milenkovic

Ashish Jayandar Ramesh

Mechanical Engineering

Jeremy M. Rice

Mechanical Engineering

Brian J. Roy

Mechanical Engineering

Corey Lamar Sanders

Computer Engineering

Lucy Nikubuka Shimwela

Computer Engineering
Thesis: "Securing Xen Hypervisor Using Trusted Hardware for Secure Boot and Intermodain IDS"
Advisor: Dr. David Coe

Paul Solom

Mechanical Engineering

Tony Sukhwani

Industrial and Systems Engineering

Nathan Michael Tinker

Mechanical Engineering

Tessa Nicole Turek

Industrial and Systems Engineering

Chandra Shekar Rao Vara

Mechanical Engineering

Tal Wammen

Mechanical Engineering

Colby Dequan Wellington

Electrical Engineering

Joshua Robert Yost

Industrial and Systems Engineering

Bo Zheng

Electrical Engineering
Thesis: "Simulations for RF Circuits"
Advisor: Dr. Fat Ho

Andrew Leland Zollar

Electrical Engineering
Thesis: "Design, Construction, and Testing of a TeraOhm Resistance Transfer Standard"
Advisor: Dr. Don Gregory

Master of Science in Operations Research

Katherine E. Burris

Kelsea Michelle Cox

Kyle R. Latham

Master of Science in Software Engineering

Rashad L. Madyun

Computer Engineering

Richard Uwanogo Oteri

Computer Engineering

Glen Leroy Riden III

Computer Engineering

Timothy Ryan Wilkins

Computer Engineering

COLLEGE OF NURSING

Master of Science in Nursing

Lydia Shae Adams

Anna Ashley Allen

Jennifer L. Anderson

Vincent O. Andrews

Angela N. Ayers

Ronald Johnathan Baker

Amy P. Ballard

Sangduan Singmanee Barnes

Rachael Venable Barnett

Katie Elizabeth Basch

Ace Michael Beam

Sarah E. Bible
 January Page Blalock
 William Samuel Boyd
 Kelly R. Britnell
 Angela M. Bryant
 Savanna Danielle Calvert
 Lisa René Carpenter
 Thesis: "The Relationship Among
 Measured Salivary Flow, Perceived
 Xerostomia, Oral Health, and
 Medications in Older Adults"
 Advisor: Dr. Haley Hoy
 James Franklin Crumb, Jr.
 Nandish Palishkar Dayal
 Thesis: "Examining Bystander
 Efficacy of College Resident
 Assistants Following Bystander
 Awareness Training"
 Advisor: Dr. Ann Bianchi
 Tara Dorsey
 Hannah Leigh Duvall
 Kara Everett
 Gina Bolton Farley
 Samantha Marie Foust
 Ashley Tolbert Godfrey
 Jessica Marie Gonzalez
 Danielle Nicole Grabovich
 James Daniel Griffin
 Kari Lyn Griffith
 Eric Robert Hagood
 Erica Paige Hall
 Wilda Law Hameen
 Cheryl Vanessa Hamilton
 Jessica Hammonds
 Amy Jo Harbin
 Haley H. Harding
 Katherine Ivy Heffelfinger
 Cristen Ann Hendrix
 Heather Dawn Hodges
 Kristy LeAnne Holley
 Angela Kathryn Hon
 Tandy R. Hoover
 Elizabeth Stark Irby
 Monica Page Irons
 Ololade Augusta Isibor
 Tammy Lynn James
 Linda Michelle Jeffreys
 Cierra Jennings
 Kimberly Sue Johnson
 Lori Elizabeth Johnston
 Meredith L. Johnston

Mary Elisabeth Jordan
 Thesis: "Efficacy of Computer-
 Based Learning for Intimate Partner
 Violence Screening"
 Advisor: Dr. Ann Bianchi
 Luiz Juan
 Cassandra DaElla King
 Kacy Mikala Kirk
 Thesis: "The Insight of BSN Prepared
 Nurses on the Link Between Simulation
 Experiences and Their Success on
 the NCLEX-RN"
 Advisor: Dr. Louise O'Keefe
 Julia Ellen Le Koger
 Kalan Elizabeth Krueger
 Rachel Elizabeth LaBerenz
 Dana Leigh Lawler
 Teri C. Lemay
 Abigail Langley Mackay
 Baylee Stephens Martz
 Mary Elizabeth McClain
 Kelly Lynn Memeo
 Janet Kikily W. Merriam
 James David Miller
 Jessica N. Miller
 Kaeti Mary Milton
 Hadeal H. Musa
 Guedem E. Nkwenti
 Krista Delaine Nowlin
 Karen Hamby Pope
 Brandi Sharp Ray
 Caitlyn S. Reynolds
 Virginia C. Rutledge
 Emily Reid Selvidge
 Daniel Dale Said Shalabi
 Jeremy Allen Shultz
 Amanda Joy McClelland Simons
 Kelly Jean Smythe
 Eddie Wayne Steelman
 Lori Ann Stephens Sandifer
 Benjamin D. Stringer
 Jordan H. Teal
 Wanda Denise Trotman
 Destiny Rashel Tucker
 Maggie Elizabeth Tverberg
 Chasen Mark Uptain
 Kayla LaShawn Vaden
 Debbie Rena Wilson
 Katherine Cook Wilson
 Ashley Kay Wright

COLLEGE OF SCIENCE

Master of Science

Samyam Acharya
 Computer Science
 Thesis: "Genscreen: A Genetic
 Algorithm for Protein Crystallization
 Screening"
 Advisor: Dr. Ramazan Aygun
 Aadil Ahmed Adam
 Computer Science
 Roger Edwin Allen
 Atmospheric Science
 Thesis: "A Comparison of Dual
 Polarimetric Hail Signatures Between
 C-Band and S-Band Radar Systems"
 Advisor: Dr. Lawrence Carey
 Kayla Danielle Bullock
 Modeling and Simulation
 Patrick Brian Burdick
 Atmospheric Science
 Keerthi Calathoor Umakanth
 Computer Science
 Tony A. Cole
 Earth System Science
 Thesis: "Characterization of Nighttime
 Light Variability for Power Outage
 Detection"
 Advisor: Dr. Andrew Molthan
 Daniel K. Davis
 Computer Science
 Thesis: "The Study of Cybersecurity
 Algorithms from Traditional Computing
 to the Internet of Things"
 Advisor: Dr. Feng Zhu
 Marie Stephanie De Bedout
 Earth System Science
 Christina Elizabeth Dent
 Physics
 Yangzi Dong
 Computer Science
 Stanton Cavell Dulan
 Biological Sciences
 Michael Dunning
 Modeling and Simulation
 Thesis: "Application and Validation
 of a Physics-Based Flight Simulator
 for Optimized Airfoil Testing"
 Advisor: Dr. Mikel Petty
 Brandon D. Fields
 Computer Science
 Sage Creek Garriss
 Biological Sciences

Kacie E. Hoover
Atmospheric Science
Thesis: "Evaluation of Cygnns in Understanding the Convective Winds in the Weak December 2011 MJO Event Captured by the Dynamo Field Experiment"
Advisor: Dr. John Mecikalski

Balaji Raju Hosamane Gundappa Raju
Computer Science

Carter B. Hulse
Atmospheric Science
Thesis: "A Ground Based Remote Sensing Analysis of A Shallow Cold Front and Wave Features from the Plows Field Campaign"
Advisor: Dr. Kevin Knupp

Marcus William Hustedde
Atmospheric Science

Enrique Monte Jackson
Chemistry
Thesis: "Thermal and Mechanical Properties of Carbon Nanotube Polymer Composites"
Advisor: Dr. Emanuel Waddell

Reece G. Johnston
Computer Science
Thesis: "Secure Storage via Information Dispersal Across Network Overlays"
Advisor: Dr. Sun-il Kim

Abhibandu Kafle
Cybersecurity

Samantha Leigh Knight
Modeling and Simulation

Yang Li
Mathematics

Kel N. Markert
Earth System Science
Thesis: "Investigation into the Effects of Climate Variability and Land Cover Change on the Hydrologic System of the Lower Mekong Basin"
Advisor: Dr. Robert Griffin

Angela Gayle McComas
Computer Science

Charles William McEniry
Mathematics

Amrutha Bindu Mekala
Chemistry
Thesis: "A Phytochemical Analysis of Rhamnus caroliniana"
Advisor: Dr. William Setzer

Patrick C. Milder
Biological Sciences
Thesis: "Analysis of the Functional Role of the Subfunctionalized Alcohol Dehydrogenase Paralogs in Drosophila mojavensis using CRISPR/Cas 9"
Advisor: Dr. Luciano Matzkin

Nasiha Muna
Mathematics

Krishna Madhuri Paramkusem
Computer Science
Thesis: "Classifying Categories of Scada Attacks Using Apache Mahout"
Advisor: Dr. Ramazan Aygun

Suraj Kumar Pokharel
Chemistry
Thesis: "Discovery of Novel Compound From Cytotoxic Active Plants"
Advisor: Dr. William Setzer

Ritesh Pradhan
Computer Science
Thesis: "Tropical Cyclone Intensity Estimation Using Deep Convolutional Neural Network"
Advisor: Dr. Ramazan Aygun

James Floyd Robertson
Cybersecurity

Thomson Rose
Computer Science

Sneha Dipankar Roy
Computer Science

Whitney Knight Schueler
Modeling and Simulation

Kush C. Shrestha
Computer Science
Thesis: "Evaluation of Apache Spark on Connected Component Labeling for Large Weather Data"
Advisor: Dr. Ramazan Aygun

Nathan Jeremiah Sissom
Cybersecurity

Sivagaminathan Sivasankaran
Computer Science

Anusha Nath Srivari
Computer Science

Palash Srivastava
Computer Science

Hosna Ara Sultana
Physics

Bofeng Tang
Physics

Xueli Tian
Computer Science

Akash Rajendra Ventekar
Computer Science

William Vester Waldron
Physics

Alex Brandon Young
Atmospheric Science
Thesis: "Analysis of Total Lightning and the Lightning Jump Algorithm Using Enhanced Verification for Hail Cases"
Advisor: Dr. Lawrence Carey

*Master of Science in
Software Engineering*

Steven Michael Muller
Computer Science

Nicholas Rinyu III
Computer 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

Chad Garland Brears
Rebekah F. Bridges
Meredith M. Brome
Madison Haley Campbell
Flora Chepnda
Landon G. Church
Hannah Catherine Delp
Jeffrey Brent Elder
Schonna Fleming
Lindsey Brienne Harris
Yuan Li Hildreth
Shannon R. Hilley
Tamara Deaton Hoskins
Jennifer Vaught Anne Jones
Grace A. Jordan
Thomas B. Kibler
Irene Leazenby
Jason Alton Martin
Heather McAllister
Megan McAllister
Taylor G. Melvin
Amanda Lynn Mobley
Christopher Edward Parker
Deanna L. Phillips
Jeremy Aaron Pohly
Joseph T. Richardson
Beatrix Setyono
Chelsie Kay Smith
Thomas Jay Snoddy
Dylan T. Stewart
Whitney M. Taylor
Zachary Evan Thomas
Tiffany Nicole Walden
Meredith G. Wilkes
Alexandria A. Wyatt
Jessica Wysock

MAGNA CUM LAUDE

3.7 - 3.899 on course work

Anna Elizabeth Ayers
Daniel D. Bekken
M'hamed Ben Moussa
Mark D. Bobo
Chad Stephen Bosch
Patrick Robert Bradley
Maria Elena Justa Brown
Carly Ann Cooke

Raymond W. Cribbs
Allison Michelle Daniel
Kaitlin Sue Davis
Nathan Matthew Davis
Sarah Elizabeth Dettweiler
Cason Matthew Elam
Burley Joe Flanagan
Mahalia Shavon Floyd
Chritina Clemons Jackson
Christopher Lane Johnson
Thomas James Leonard
Patrick A. McInturff
Jesse D. Moore
William J. Negast
Jennifer L. O'Brien
Dustin S. Parris
Phillip B. Reed
Yecheng Ren
Mackenzie Cade Rogers
Holli Anne Salamone
Alfred Setyono
Layla G. Sharp
Lance Smith
Christopher D. Sylvester
Kexin Wang
Darsey L. Wegrzyn

CUM LAUDE

3.4 - 3.699 on course work

Megan R. Anders
Jasmine Nicole Baldwin
Kimberly Batts
Lawson Brett Beasley
Alexander Beck
Jeffrey Scott Boudreau
Robert Andrew Butgereit
Megan Amanda Carter
Andrew Thomas Charney
Teresa Sandra Chism
Kelli Shea Christensen
Min Hye Chun
Cherish Love Croft
Emily Elizabeth Davis
Jacky Ryan Denson
Macie Laine Dodson
Margaret Claire Douthit
Devon H. Easin
Paul R. Eccleston
Sydney Duong Golben
William Troy Gray

Miranda Nicole Honeycutt
Erik Ryan Hyska
Kellie L. Johnson
Kevin Anthony Joseph
Heather Leigh Boward Keplinger
Brandi Le Kuykendall
Danyelle Marie Ledesma
Jakeb H. Lewis
Andrew E. Long
Ke Ma
Adithi Madhwesh
Midori Ann Maloney
Courtney R. Martin
Thomas Brian McCoy II
Aoife F. McDonnell
Sydney A. McGuire
Britany Leigh Meadows
Armando Menjivar
Brian Keith Miller
Rex H. Mitchell
Cozette Napoles
Sean Thomas Neal
Kirill A. Pakhomov
Lauren Ashley Powers
Dustin B. Pruitt
Michelle Reed
Chong Ren
Megan C. Roman
Ethan Thomas Scott
Suzanne Slovak
Casey A. Smith
Reginald W. Snell
John Ethan Stallings
Sarah E. Stott
Amanda Marie Sutherland
Joel J. Tinker
Hilary Eliza Todorovich
Justin W. Traglia
Savannah K. Van Staagen
Michael Vance
Shan Wang
Jason Matthew West
Zachary Blake West
Andrea Faye Winchester
Curtis Jebediah Woods
Lauren E. Wright
Takuya Yoshimura
Kathryn Jade Zheng

Bachelor's Degrees

COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Bachelor of Arts

Ryan Lowell Alexander

Communication Arts

†Megan R. Anders

History

Thesis: "Japanese-American

Internment Camps: The Concentration

Camps of the United States"

Advisor: Dr. John F. Kvach

Jasmine Nicole Baldwin

Foreign Language: Russian

Matthew C. Balentine

English

Jamison Derrick Blackwell

Art

Chad Stephen Bosch

Philosophy

Kailey Nicole Burkhardt

English and Theatre

Brandon Thomas Carlson

Communication Arts

Julia Frances Cherry

Communication Arts

Loni Beth Clayton

Sociology

Valerie Brooke Connally

Psychology and Sociology

Hannah Catherine Delp

Communication Arts

Emily Michelle Dempsey

English

Margaret Claire Douthit

Art

Mahalia Shavon Floyd

English and Political Science

Mark Christian Foreman

Political Science

Shawna Hale

Communication Arts

Tamara Deaton Hoskins

English

Micheal C. Hull

Music

Erik Ryan Hyska

Sociology

Kimberly Michelle Jack

Communication Arts and

Political Science

Marcell Anthony Johnson II

Political Science

Zachery A. Kelly

English

Ayla Carol Kirby

Psychology

Brandi Le Kuykendall

Foreign Language: Spanish

Jamie Lee Lackey

Communication Arts

Danyelle Marie Ledesma

History

Daniel J. Lee

Foreign Language: Russian

Jakeb H. Lewis

Sociology

Nabeegah Zareen Majid

Psychology

Bryan Rodgers Massey

Music

Class B Secondary Education

Certification, Music-Instrumental,

Grades P-12

Christopher Ethan Matthys

Philosophy and Political Science

Samuel S. McCall

English

Jasmine J. McPherson

Communication Arts

Kathryn Jean Moore

Sociology

Sean Thomas Neal

Philosophy and Sociology

Chantele Destiny Newman

Communication Arts

Pablo A. Nieves

Foreign Language: Spanish

Chasity Monik Pettigrew

Sociology

Brandon Prigg

Music

Amy Richardson

Communication Arts

Arronie T. Riley

Psychology

Nashara L. Rogers

Communication Arts

Megan C. Roman

Foreign Language: German

Josiah F. Saunders

Foreign Language International Trade:

Spanish

Casey A. Smith

Art

Theresa Lorraine Sterling

Art

Dylan T. Stewart

English

Class B Secondary Education

Certification, English, Grades 6-12

Sarah E. Stott

History

Justice N. Strong

Communication Arts

Whitney M. Taylor

English

Hilary Eliza Todorovich

Communication Arts

Jason Matthew West

Foreign Language International Trade:

French

Claire Marie Wood

Foreign Language: French

Lauren E. Wright

Art

Mitchell David Wright

History

Shantella J. Wright

English

Joel Stephen Zuber

English

Bachelor of Fine Arts

Min Hye Chun

Art

Courtney R. Martin

Art

†Aoife F. McDonnell

Art

Thesis: "Growing Up"

Advisor: Ms. Roxie Veasey

Alexandria A. Wyatt

Art

COLLEGE OF BUSINESS ADMINISTRATION

Bachelor of Science

Megan D'Ann Brown

Economics and Computational Analysis

Bachelor of Science in Business Administration

Mbi Agbortarh

Accounting

Feras Radi | Alnaghmouh

Accounting

Nick Anderson
Marketing

Cassandra Erin Atherton
Information Systems

Braxton G. Babbidge
Information Systems

Crystal Louise Bailey
Marketing

Karen Michele Barker
Management

Kristen Anne Barnard
Information Systems

Lawson Brett Beasley
Management

Alex Bentley
information Systems

Joseph D. Bishop
Accounting

Danielle Ines Bodden
Accounting

Charles Kimball Burhans, Jr.
Accounting

Ackiesha Chevenese Burnett
Accounting

†Robert Andrew Butgereit
Accounting
Thesis: "Alternative Financial Services"
Advisor: Dr. Wafa Orman

David Richard Carlton
Management

Alexander Austin Case
Accounting and Finance

Andrew Thomas Charney
Finance

Suleyman Haidara Cherif
Finance

Wei-Chun Chia
Management

Tanner Matthew Cimo
Marketing

Tyler Grant Clemons
Information Systems and Marketing

Travis Jay Cram
Information Systems

Matthew W. Cross
Accounting

Latoya Andrea Cummings
Information Systems

Corie Branton Cunningham
Information Systems

Trevor James Dawson
Marketing

Jacky Ryan Denson
Accounting

Nativita N. Dhaiti
Accounting

David Michael DiPlacido
Accounting

Macie Laine Dodson
Management

Chase Michael Dyer
Marketing

Marquis Terrell Embody
Management

Jarred A. Fendley
Information Systems

Foy Jordan Fuller
Management

Brandon J. Gaughran
Marketing

Lorenzo DeVonte' Gurley
Information Systems

Tyler Wade Harris
Information Systems

Kayla J. Henderson
Information Systems

Jonathan Ross Hilley
Finance

David Ryan Hilsman
Information Systems

Nicholas R. Hiroso
Marketing

Savannah Maree Horn
Marketing

Cynedra Lynette House
Management

Jameria Tamecio Howard
Information Systems

Christina Clemons Jackson
Information Systems

James Gayre Jean
Management

Grace A. Jordan
Management

Hannah Leigh Rose Judy
Accounting

Sheamus Kelley
Management

Taylor Danielle Kimbrough
Finance

Savannah M. Kincer
Management

Will A. Kochevar
Information Systems

Dustin Riley Kunter
Marketing

Thomas H. Lafontaine
Management

James Langford, Jr.
Management

Yifu Li
Finance

Chaoqun Liang
Management

Juncen Liu
Finance

Xinyao Liu
Accounting

Yujiao Ma
Finance

Jacqueline Susann Mahaffey
Accounting

Alexander Cyrus Maleknia
Management

Midori Ann Maloney
Marketing

Jeffrey Alan Markham
Management

Garrett A. May
Information Systems

Megan McAllister
Accounting

Chrystal A. McCarten
Accounting

Alec C. McCarver
Finance

Amanda Lynn Mobley
Management

Elizabeth Cheyenne Morell
Management

Sarah Michelle Myers
Accounting

Kadeem Juwan Nicholas
Management

Daniel J. Palmer
Management

Cynthia Patino
Management

Wesley Miles Peoples
Information Systems

Mina Phung
Management

Xingyu Qiu
Management

Xintong Quan
Marketing

Amanda Michelle Reece
Management

Christina Renee' Reeves
Information Systems

Yecheng Ren
Accounting and Finance

Bachelor's Degrees

Melisa Restrepo
Marketing

Nicole E. Richards
Accounting

Nicholas T. Ross
Finance

Holli Anne Salamone
Management

Anthony C. Scott
Information Systems

Wayne Matthew Seivers
Accounting

Andrew B. Senne
Accounting

Matthew Dalton Sherer
Information Systems

Amanda M. Shontz
Management

Thomas A. Shump
Accounting

Cynlinthia Latrice Simmons
Accounting

Lance Smith
Finance

Reginald W. Snell, Jr.
Management

Telly L. Steele
Management

Matthew A. Stewart
Management

Heather Nichole Stines
Accounting

Braden Eisinger Stults
Management

Amanda Marie Sutherlin
Management

Heather Talty
Management

Chukwuemeka Reynold Tasie
Information Systems

Corey Robert Toney
Accounting

Jay Hemant Topiwala
Information Systems

Savannah K. Van Staagen
Accounting

Yesenia Villalobos-Lagunas
Management

Caitlin Elise Walker
Information Systems

Kexin Wang
Accounting

Shan Wang
Finance and Management

Christian Jenae Watkins
Accounting

David Keith Watson
Accounting

Matthew T. Weller
Management

James W. West
Information Systems

Meredith G. Wilkes
Management

Paula Y. Wong
Management

Simon Wong
Management

Sicheng Wu
Marketing

Wei Xiaojuan
Accounting

Jiezhong Yang
Management

Yingqi Ye
Accounting

Junhui Zeng
Management

Kathryn Jade Zheng
Marketing

COLLEGE OF EDUCATION

Bachelor of Arts

Rebekah F. Bridges
Elementary Education
Class B Elementary Education,
Collaborative Teacher Certification,
Grades K-6

Morgan A. Hopkins
Elementary Education
Class B Elementary Education
Certification, Grades K-6

Lauren Ashley Powers
Elementary Education
Class B Elementary Education,
Collaborative Teacher Certification,
Grades K-6

Michelle Reed
Elementary Education
Class B Elementary Education
Certification, Grades K-6

Mackenzie Cade Rogers
Elementary Education
Class B Elementary Education
Certification, Grades K-6

Charity Amanda Che'Nell Smoot
Elementary Education
Class B Elementary Education
Certification, Grades K-6

Kelli M. Welch
Elementary Education
Class B Elementary Education
Certification, Grades K-6

Holly M. Williams
Elementary Education
Class B Elementary Education,
Collaborative Teacher Certification,
Grades K-6

Bachelor of Science

Samuel S. McCall
Secondary Education
Class B Secondary Education
Certification, English, Grades 6-12

Rosalie Georgia Smith
Secondary Education
Class B Secondary Education
Certification, Mathematics, Grades 6-12

Savannah Diane Smith
Secondary Education
Class B Secondary Education
Certification, English/Language Arts,
Grades 6-12

Whitney M. Taylor
Secondary Education
Class B Secondary Education
Certification, English/Language Arts,
Grades 6-12

Darsey L. Wegrzyn
Secondary Education
Class B Secondary Education
Certification, Mathematics, Grades 6-12

Mitchell David Wright
Secondary Education
Class B Secondary Education
Certification, History, Grades 6-12

COLLEGE OF ENGINEERING

Bachelor of Science in Aerospace Engineering

† Jeffrey Scott Boudreau
Thesis: "Educational Impact of
a Water Systems STEM Tool
Upon K-12 Students"
Advisor: Dr. Christina Carmen

Maria Elena Justa Brown
Terry Dwain Clark
Matthew J. Duchock
Adam John Dziubanek
Thomas James Leonard
†Jeremy Aaron Pohly
Thesis: "Wing Flutter Analysis Using
Computational Fluid Dynamics"
Advisor: Dr. Gang Wang
Brittani Renee Searcy
Aaron B. Shepperd
Dixie Lynn Smith
James R. Sneddon
Clark M. Teems
Jason Christopher Young

*Bachelor of Science
in Chemical Engineering*

Anna Chelsea Harrison
Kaitlyn N. Sapp
John Ethan Stallings

*Bachelor of Science
in Computer Engineering*

Alexander Beck
Michael Alexander Bizanis
†Devon H. Eastin
Thesis: "Instrumentation
Development for Spectrometer
on Gas Chromatograph"
Advisor: Dr. Rhonda Gaede
Ondel Lee Meeks, Jr.
William J. Negast
Kenneth Obinna Onyebinachi
Alexander L. Richards
Thomas Jay Snoddy
Kyle Lee Wigginton

*Bachelor of Science
in Electrical Engineering*

Norberto Arreola
Daniel D. Bekken
Madison Haley Campbell
Travis Allen Cawthorne
Emily Elizabeth Davis
Victoria Eccles
Shontique Breone Garth
Jonathon Stanley Holguin
Andrew Jenkins
Justin Daniel Jenkins

Irah Jamar Johnson
Kevin Anthony Joseph
Connor M. Kleminsky
Daniel J. Lee
Dominick S. Logalbo
Ke Ma
Jorge H. Marquez
Jordan Michael Meade
Ashley Nicole Mitchell
Ann Ijeoma Nnorom
Michael Lynn O'Dell
James Allan Parker
Dustin B. Pruitt
Gregory I. Roper
Juan Carlos Sanchez
Ethan Thomas Scott
Alfred Setyono
Beatrix Setyono
Christopher Douglas Sorah
Sean Michael Stewart
Sean O. Stringer
Oscar Tapia
Johnathon Andrew Taylor
Joel J. Tinker
Tiffany Nicole Walden
Curtis Jebediah Woods

*Bachelor of Science in Industrial
and Systems Engineering*

Anna Elizabeth Ayers
Allison Delana Barksdale
Nicholas Powell Battiste
Scott A. Borgard
Micah Nathanael Scheerer Brown
Kellie L. Johnson
Clint Russell Kelley
Hunter A. Lavish
Andrew E. Long
Ian G. Milan
Rosalio Rodriguez III
Alexander Jo Hansen Scales
Zachary Evan Thomas
Melissa Ann Wood
Sarah Catherine Wyskida

*Bachelor of Science
in Mechanical Engineering*

Heather Elon Ams
William Todd Anderson
Jacob D. Baldwin
Maxwell T. Beasley

Jeremy R. Blackwell
Jonathan P. Bosse
Richard Hunter Bray
Chad Garland Brears
Kelly Ann Cason
Teresa Sandra Chism
Kelli Shea Christensen
Chidinma N. Chukwudebelu
Bradley Clark
Matthew Michael Clark
Chase Sutherland Connell
Elizabeth Kathryn Crigger
Angela Dawn Crittenden
Cherish Love Croft
Nathan Matthew Davis
Morgan Jade Decker
Cason Matthew Elam
Rachel L. Fredricks
Zachery Michael Fuchs
John Willie Giles III
William Troy Gray
Jacob Alexander Grissim
Phillip James Hagelberg
Joshua Smyly Hearne
Rachel Hernandez
Peter J. Hester II
Joshua B. Hill
Luke Isaac Hobbs
Blake J. Hogan
Timothy C. Hoggard
Michael D. Johnson
Jonathan Micah Kirsch
Brandon Robert Laing
Joseph Calvin Malone
Derek Wade Marks
Thomas Brian McCoy II
Patrick A. McInturff
Brian Keith Miller
Rex H. Mitchell
David Brian Mixon
Brandon Neal Monday
Phillip M. Morrison
†Evan T. Mumpower
Thesis: "Design and Development
of a Wind Tunnel for STEM Education"
Advisor: Dr. Christina Carmen
Blake Allen Muzny
Tanner J. Ownby
Michael Wade Pearson II
†Allison H. Peusch
Thesis: "The Witch Next Door:
A Webcomic"
Advisor: Ms. Jill Johnson
Patrick Aaron Phillips
Brady Warren Pockman

Bachelor's Degrees

Luke J. Ray
Phillip B. Reed
Chong Ren
Jose Luis Rodriguez
William D. Schmitz
Colby S. Shackelford
Sheldon Lee Smith
James David Stumpe
Christopher D. Sylvester
Clarke Alexandra Thedford
William A. Weckwarth
Stephen M. Yarbrough

COLLEGE OF NURSING

Bachelor of Science in Nursing

Kristen Elizabeth Ables
Savina L. Adamsky
Lillian Olayinka Aruwajoye
Trenton Van-Wesley Barksdale
Summer Bates
Dwight Maurice Batson
Kimberly Batts
Lindsay A. Blackmon
Kelsey Nicole Bonner
Sienna Ria Rabajante Bowman
Shannon Michelle Bradbury
Meredith M. Broome
Paulina Chavez
Flora Chepnda
Landon G. Church
Myla T. Collins
Carly Ann Cooke
Kindra Marie Cooper
Samuel James Cox
Emily Ann Cravens
Kaitlin Sue Davis
Johanna Marie Denney
Sarah Elizabeth Dettweiler
Bailey English
Jacqueline Kristine Fikes
Burley Joe Flanagan
Schonna Fleming
Phillip Ray Forrester
Michelle Langford Fox
McKenzie Brooke Francis
Lexy Lynnae Franks
Bailey Marie Gamble
Chelsea Jones Garrison
Charisma Garth
Brandi P. Goodloe
McKenzi Gray
Monica Guerrero
Alina Joy Hall

Cody Joshua Hamby
Hayley J. Hamilton
Hannah Lynn Harvell
Gerteikquia Hatherley
Yuan Li Hildreth
Chelsea Michelle Hill
Shannon R. Hilley
Courtney Hines
Whitney Michelle Howard
Laura Ashley Hughes
Jeffrey S. Huguley
Karlee I. Hunter
Niina N. Jetsu
Jennifer Vaught Anne Jones
Kathleen Kaye
Halle Suzanne Kelley
Clyde Wesley Kilgore
Everett Gordon King III
Jessica Rose King
Irene Leazenby
Catherine Elizabeth Ledford
Kerri Lynn Letson
Lynwood Lewis, Jr.
Stephanie Marie Lyda
Jason Alton Martin
Haleigh Paige Maudsley
†Heather McAllister
Thesis: "What are the Facilitators
and Barriers Related to Collaboration
Between Transplant RN's and Other
Healthcare Disciplines"
Advisor: Dr. Ann Bianchi
Elizabeth Sutton McCauley
Lauren A. McCoy
Shelby McGee
Sydney A. McGuire
Karrah Rita McQuitty
Taylor G. Melvin
Amber M. Mitchell
Allison Nicole Nowakowski
Jennifer L. O'Brien
Jessica Tiara Orr
Haley A. Pickens
Amber Cline Porter
Vanita Shanice Pulliam
Jennifer Lynn Ramirez
Ivan Rios-Morales
Abby Elizabeth Roberts
Morgan Danielle Rogers
Deanne Rose Rousseau
Tameka Lynn Sampson
Steve A. Saunders
Nicolette L. Seeley
Emily Catherine Shepherd

†Suzanne Slovak
Thesis: "Factors Influencing Trust
in Nurse-Patient Relationships
During Transplant Events"
Advisor: Dr. Ann Bianchi
Tyler Rae' Smith
Heather Statum
Barbara V. Stone
Rachel Elizabeth Tidwell
Carly Nicole Tomlin
Samantha B. Tomlinson
William Lee Tucker III
Emma Nicole Walker
Margaret Givens Wanschek
Katie S. Wenzel
Zachary Blake West
Crystal L. Wise
Breanna Levon Wootson
Jessica Wysock

COLLEGE OF SCIENCE

Bachelor of Science

Meaghan M. Arundel
Earth System Science
Hannah Elizabeth Bannister
Biological Sciences
Josh Daniel Banzhoff
Computer Science
M'hamed Ben Moussa
Physics
Manishkumar S. Bhagat
Computer Science
Mark D. Bobo
Computer Science
Arik G. Bodine
Mathematics
Alexander J. Boyd
Computer Science
Spencer H. Boyd
Biological Sciences
Patrick Robert Bradley
Computer Science
Joseph D. Brasher
Computer Science
Cristina Renata Canales
Biological Sciences
Megan Amanda Carter
Earth System Science
Matthew J. Chambers
Physics
Audrey Deanna Clark
Earth System Science

Katelyn Marie Clarke
Biological Sciences

Yesenia Del Carmen Compres
Biological Sciences

Candice J. Coppola
Biological Sciences

Garrett Austin Cosgrove
Biological Sciences

Raymond W. Cribbs
Computer Science

Kyle Christopher Curenton
Physics

Allison Michelle Daniel
Earth System Science

Taylor Renea DeBacker
Biological Sciences

Joshua Alexander Dickson
Computer Science

Jessica Kim Duong
Biological Sciences

Paul R. Eccleston
Computer Science

Jeffrey Brent Elder
Biological Sciences

Rachel Carly Evans
Biological Sciences

Timothy Brendan Finnegan
Computer Science

Carlos A. Fulmer
Biological Sciences

Sydney Duong Golben
Computer Science

Alyssa A. Gray
Physics

†Lindsey Brianna Harris
Computer Science
Thesis: "Computational Modeling
of Intelligent Behavior"
Advisor: Dr. Dan Rochowiak

Lana Claire Harwell
Biological Sciences

Stephen Austin Hatfield
Biological Sciences

Miranda Nicole Honeycutt
Biological Sciences

Albert O. Huey IV
Computer Science

Emily C. Hughes
Biological Sciences

Christopher Lane Johnson
Computer Science and Mathematics

Heather Leigh Boward Keplinger
Biological Sciences

Thomas B. Kibler
Computer Science

Amber Elizabeth Lagon
Biological Sciences

Adithi Madhwesh
Computer Science

Evan Patrick McGraw
Computer Science

Victoria Paige McLaughlan
Biological Sciences

Britany Leigh Meadows
Computer Science

Krystin Elizabeth Meeks
Biological Sciences

Victoria Lacon Mitchell
Computer Science

†Jesse D. Moore
Computer Science
Thesis: "Retrospective Case Study
and Potential Solutions in Regard
to the Object Oriented Design of
Charger through Various Modeling
and Analysis Techniques"
Advisor: Dr. Harry Delugach

Cozette Napoles
Computer Science

Joshua Craig Oglesby
Computer Science

Cameron Ojeda
Mathematics

Kirill A. Pakhomov
Computer Science

Christopher Edward Parker
Computer Science

Dustin S. Parris
Mathematics

Vatsal B. Patel
Computer Science

Jennifer Marie Paulsen
Computer Science

Harley Ray Peppers
Biological Sciences

Richard Samuel Petri
Computer Science

Aaron Paul Phillips
Computer Science

Deanna L. Phillips
Physics

Christen Elizabeth Posey
Chemistry

Ryan K. Posey
Computer Science

Christopher A. Ray
Computer Science

Joseph T. Richardson
Computer Science

Rachel Cora Ritter
Biological Sciences

Megan C. Roman
Mathematics

Abundio Sandoval
Chemistry

Layla G. Sharp
Biological Sciences

†Chelsie Kay Smith
Biological Sciences
Thesis: "Reproductive Biology
of Scarlet Shiners"
Advisor: Dr. Bruce Stallsmith

Christopher Charles Smith
Chemistry

Chad G. Spencer
Biological Sciences

Desirae Ann Stinson
Biological Sciences

Darin Taylor
Biological Sciences

Justin W. Traglia
Computer Science

Teri Raz Valenzuela
Mathematics

Michael Vance, Jr.
Computer Science

Chelsey D. Vandiver
Biological Sciences

Skyler J. Verworren
Computer Science

Antonio Vizcarra
Biological Sciences

Darsey L. Wegrzyn
Mathematics

Andrea Faye Winchester
Mathematics

Takuya Yoshimura
Computer Science

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.

John Burnett, Ph.D.

WIND ENSEMBLE

C. David Ragsdale, Ph.D., *Director*

Nicholas Atkins

Derek Khari Battle

Avery Behr

Samuel Benefield

Chris Boggan

Sean Campbell

Eddie Campos

Muriel Carter

Everett Cavanaugh

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Morgan Dubaz

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Shelby Hurley

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Katherine Hyatt

Shannon Jeffreys

Christopher Leone

Susanna Manning

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Quinten Ryan McKinney

Alexander Minahan

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Kristen Nohrstedt

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Alva Pope

Aubrie Pope

Chad Scarborough

John South

Elijah Stevens

Sawyer Stinnett

Andrea Tiffany

Katherine Trausch

Edgar Tucker

Hannah Underhill

Christian Vega-Ortiz

Karen Young, *Vocalist*

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

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T.J. Brecciaroli, M.S., *Student Marshal*
Michael Banish, Ph.D., *Faculty Marshal*
Carmen Scholz, Ph.D., *Assistant Marshal*
Kader Frendi, Ph.D., *Mace Bearer*

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



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The Honorable Robert Bentley, *Governor*

Michael Sentance, J.D., *State Superintendent of Education*

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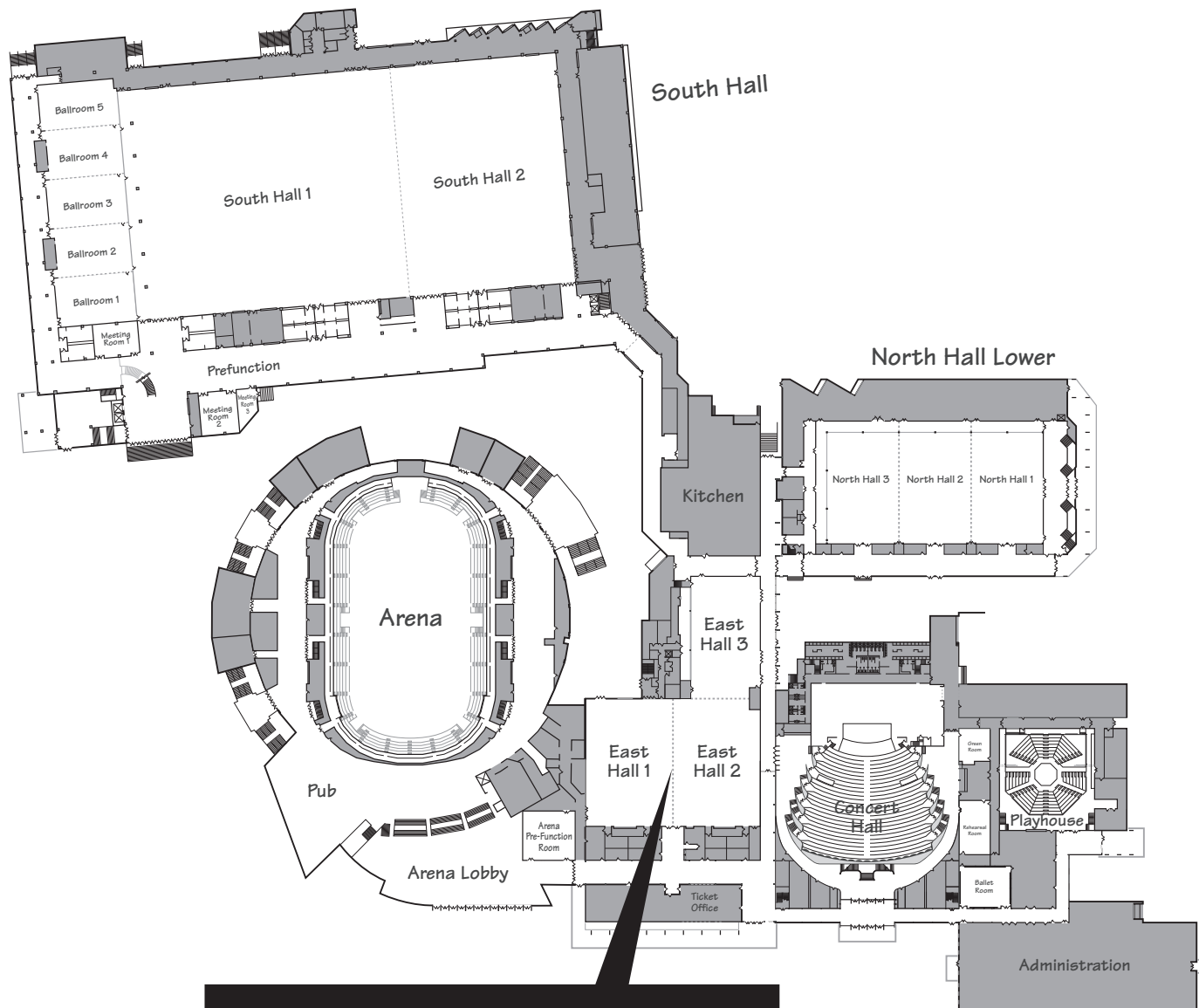
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Ms. Kellee C. Reinhart, *Vice Chancellor for Communications and Community Relations*

VON BRAUN CENTER (VBC) FLOOR PLAN



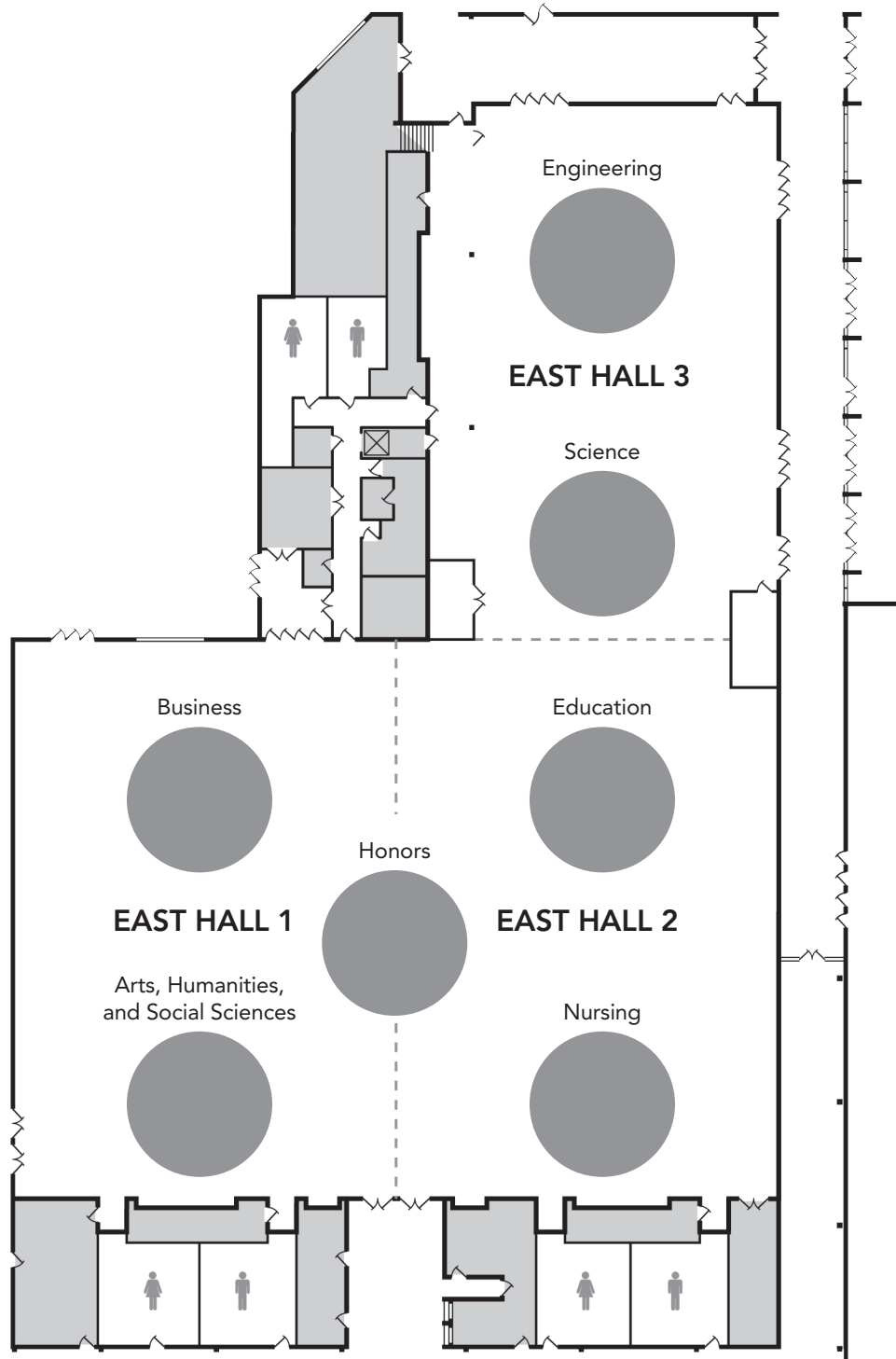
MEET YOUR GRADUATE
for a reception in the VBC'S East Hall
immediately after the ceremony

ZAP PROFESSIONAL PHOTOGRAPHY



Photographs of graduates are available through professional groups who have contracted with the University to provide these services. Color, on stage photographs with the President and individual portraits photographed off stage are available from ZAP Professional Photography, P.O. Box 2686, Tuscaloosa, AL 35403, (205) 345-2686, info@zapfoto.com. Graduates will be sent proofs for ordering the week after graduation. To be personally notified when proofs of your graduate are available for ordering online, scan the QR code or enter this link to submit your email address and phone number (for text notification). <http://gradphotonetwork.com/track/e.aspx?1788025-73504-56AF2D7D5E>

EAST HALL FLOOR PLAN



UAH ALUMNI ASSOCIATION

ONCE A CHARGER...ALWAYS A CHARGER

The mission of the UAH Alumni Association is to continually build and grow an organization of devoted and proud UAH graduates committed to preserving and promoting the rich history and traditions of The University of Alabama in Huntsville. We are dedicated to being an organization that all alumni, faculty, students and the greater community can become connected to and feel welcomed, working together to promote affection and pride in our alma mater, UAH.

HOW TO JOIN

All UAH graduates become members of the UAH Alumni Association upon graduation. Membership is free by virtue of being a UAH alumnus - there are no dues. For our newest graduates, your membership card will be mailed in the months following graduation. We invite all alumni to get involved and help us propel our alumni association into the future with enthusiasm.

YOUR UAH ALUMNI ASSOCIATION OFFERS:

- ▶ Career networking opportunities
- ▶ Fun and exciting events
- ▶ Monthly alumni e-newsletter
- ▶ Alumni email address
- ▶ Social media groups to connect alumni
- ▶ And much more!

DO I KEEP MY @UAH.EDU AFTER GRADUATION?

Only for a short time. After 3 terms of non-enrollment, basically a year, your @uah.edu account is disabled. However, you may request an alumni email address (@alumni.uah.edu). This is a full service email account (not a forwarding account). All contacts and data from your student account can be easily transitioned to the alumni account. If you will be re-enrolling for other studies at UAH, you will continue to keep your @uah.edu email as long as you are enrolled. Visit uah.edu/alumni to request your alumni account!

More details and resources at uah.edu/alumni.

We've gone mobile...tiny.cc/UAHALumniApp.

