Arkansas State University



Convocation Center Saturday, December 14 • 10:00 a.m. & 2:30 p.m.

TABLE OF CONTENTS

Arkansas State University — History and Overview
Arkansas State University — Mission, Core Values, and Vision 3
Platform Party 4
University Commencement Marshals
The Program
Letter from the Alumni Association President
Letter from the Governor
Governor Jose Eduardo Calzada Rovirosa, Speaker Profile11
Candidates for Doctoral Degrees
Candidates for Specialist Degrees
Candidates for Master Degrees
Master Theses
Candidates for Baccalaureate and Associate Degrees
Honors Senior Theses
Academic Apparel
The Medallion, The Mace, The Seal, Graduation with Academic Distinction/Honors45
10:00 a.m. Graduating Student Seating (By College)
2:30 p.m. Graduating Student Seating (By College)

"The listing of degree candidates and the announced honor distinctions are tentative and subject to final certification of graduation."

Arkansas State University History and Overview

Arkansas State University in Jonesboro enjoys a reputation as an excellent institution of higher education serving citizens throughout Arkansas and surrounding states. It is the only comprehensive public university located in this region. Dedicated to teaching, research and service, the university provides students with the broad educational foundations that help develop critical thinking and analytical skills, decision-making capabilities, and communication skills. Dr. Tim Hudson became chancellor of the ASU-Jonesboro campus on May 1, 2012.

This institution was founded in Jonesboro in 1909 by the Arkansas General Assembly as a regional agricultural training school. It began offering a two-year college program in 1918, then became "First District Agricultural and Mechanical College" in 1925. A four-year degree program was begun in 1930, then A & M College became "Arkansas State College" in 1933. The Arkansas Legislature elevated the college to university status and changed the name to Arkansas State University in 1967. Today, the institution has more than 73,000 alumni. ASU was designated a tier I Southern Regional institution of higher education by the editors of *U.S. News & World Report* in the 2012 edition of *"America's Best Colleges." Military Times Edge* magazine listed ASU among the top 10 most veteran friendly institutions of higher education, and the editors of *Military Advanced Education* listed ASU among the top military friendly institutions of higher education in 2010-11. More information about ASU-Jonesboro is available at its web site, www.astate.edu.

Degree Programs

Master degree graduate programs were initiated in 1955, and ASU began offering its first doctoral degree, in educational leadership, in the fall of 1992. Additional doctoral programs are now offered in environmental science, heritage studies, molecular biosciences, and physical therapy. Programs at the specialist, master, bachelor and associate degree levels are available through the various colleges: Agriculture and Technology, Business, Communications, Education, Engineering, Fine Arts, Humanities and Social Sciences, Nursing and Health Professions, Sciences and Mathematics, and University College. Classes also are offered through The Honors College and the independent Department of Military Science. More information about the various colleges and academic departments is available through the Office of Academic Affairs and Research.

Accreditation

Arkansas State University's commitment to excellence in higher education is demonstrated by its accreditation by The Higher Learning Commission of the North Central Association, as well as 23 specialized accrediting organizations. In addition, the university holds membership in numerous national organizations which support the highest educational standards.

The ASU System

The ASU System includes campuses at Jonesboro (Craighead County), which offers degree programs through the doctoral level; Beebe (White County), Mountain Home (Baxter County), and Newport (Jackson County), where associate degree programs are offered; and at Heber Springs, Marked Tree and Searcy. Dr. Charles L. Welch is president of the Arkansas State University System, which was created by Board of Trustees resolution, effective July 1, 2006. Arkansas State University-Beebe became part of ASU in 1955. White River Vo-Tech at Newport became associated with ASU-Beebe in 1992; that campus is now Arkansas State University-Newport. The Mountain Home campus officially became ASU-Mountain Home on July 1, 1995. Delta Technical Institute at Marked Tree merged with ASU and became Arkansas State University Technical Center on July 1, 2001. ASU-Heber Springs operates as a sister campus of ASU-Beebe. Foothills Technical Institute at Searcy was merged with ASU-Beebe on July 1, 2003, and is now ASU-Searcy, a technical institute of ASU-Beebe.

ASU offers bachelor degree programs, master degree programs and upper level courses through ASU degree centers at ASU-Beebe, ASU-Mountain Home, and three other cities—Blytheville, Forrest City and West Memphis—where partnership agreements have been established in cooperation with the local community colleges. ASU also operates instructional sites at nearby Paragould in Greene County, and at Little Rock Air Force Base.

Enrollment Growth

ASU has grown significantly over the past three decades. The Jonesboro campus enrollment in the fall of 1981 was 7,448; in the fall of 2013, it was 13,552. Today, because of the close partnerships between the campuses, ASU reports a combined enrollment for the ASU System. Total ASU System enrollment in the fall of 2013 was 21,417.

Arkansas State University Mission, Core Values, and Vision

Mission

Arkansas State University **educates** leaders, **enhances** intellectual growth, and **enriches** lives. (ASU = e^{3})

Core Values

Arkansas State University values the following as central to our success:

- **Student-Centered:** We are committed to education, inquiry and service in order to meet students' changing needs. We foster lifelong learning, civic and social responsibility, leadership, and individual and career growth.
- Learning-Centered: We nurture intellectual flexibility, knowledge and skills by integrating teaching, research, assessment and learning to promote continuous improvement of our scholarly community.
- **Excellence:** We pursue excellence within the campus community through opportunities for achievement in teaching, research, scholarship, creative activity and service.
- **Diversity:** We embrace diversity in all of its dimensions realizing that mutual respect for individuality and the inclusion of all are vital for both personal and institutional success.
- **Service:** We support and recognize service at all levels of the university. We strive to contribute to the benefit of the university, the Delta, the state, the nation and the world.
- **Integrity:** We hold high standards of character and integrity as the foundations upon which the University is built.

Vision

Arkansas State University aspires to be an academic leader recognized for innovation and quality in teaching and learning, international standing in strategic research areas, and commitment to outreach and service to the Delta and beyond.

PLATFORM PARTY

BOARD OF TRUSTEES

Mr. Mike Gibson, Chair Osceola, Arkansas

Mr. Dan Pierce, Vice-Chair Ionesboro, Arkansas

Mr. Charles Luter, Secretary Paragould, Arkansas

Mr. Ron Rhodes Cherokee Village, Arkansas

Mr. Howard L. Slinkard Rogers, Arkansas

PRESIDENT OF THE UNIVERSITY SYSTEM

Dr. Charles L. Welch

EXECUTIVE OFFICERS OF THE UNIVERSITY

Dr. Tim Hudson Chancellor

Dr. Lynita M. Cooksey Provost and Vice-Chancellor

Dr. Jason Penry Vice-Chancellor for University Advancement

Mr. Jeff Bailey, Director Library and Information Resources

Dr. David Beasley, Dean College of Engineering

Dr. Donald Bowyer, Dean College of Fine Arts

Dr. Beverly Boals Gilbert, Dean Continuing Education and Community Outreach

Dr. Timothy Burcham, Dean College of Agriculture and Technology

Dr. Susan Hanrahan, Dean College of Nursing and Health Professions

Ms. Rebecca Oliver, Director The Honors College

Dr. Bill Humphrey Mace Bearer

Ms. Iulie Isaacson President, ASU Faculty Association

Mr. Rich Carvell, Jr. President, ASU Alumni Association

Mr. Michael Doyle Procession Line Announcer (10:00 a.m.)

Mr. Matthew Carey Procession Line Announcer (2:30 p.m.) Dr. William R. Stripling Vice-Chancellor for Student Affairs

Dr. Len Frev Vice-Chancellor for Finance and Administration

Mr. Terry Mohajir Director of Athletics

ACADEMIC DEANS AND DIRECTORS

Dr. John Pratte, Dean College of Sciences and Mathematics

Dr. Brad Rawlins, Dean College of Media and Communication

Dr. Jill Simons, Dean University College

Dr. Thilla Sivakumaran, Dean College of Education

Dr. Andrew Sustich, Dean Graduate School

Dr. Lauri Umansky, Dean College of Humanities and Social Sciences

Dr. Jim Washam, Interim Dean College of Business

OTHER CEREMONY PARTICIPANTS

Ms. Tonya Cole Graduating Senior (10:00 a.m.)

Ms. Hannah Wright Graduating Senior (2:30 p.m.)

Ms. Ruth Treadway (10:00 a.m.) Signer/Translator

Mr. William Gorum (2:30 p.m.) Signer/Translator

UNIVERSITY COMMENCEMENT MARSHALS

Dr. Gil Fowler
Dr.Lillie Fears

Dr. Gil Fowler

College of Media and Communication College of Media and Communication

Grand Marshal Assistant Grand Marshal

MARSHALS FOR STUDENT PROCESSION

Doctoral Degrees College of Media and Communication

Specialist, Master, Baccalaureate and Associate Degrees

Dr. Lillie Fears	College of Media and Communication
Dr. Bert Greenwalt	College of Agriculture and Technology
Dr. David Kern Dr. Patricia Robertson	College of Business
Dr. Amy Pearce Dr. Joe Nichols	College of Education
Dr. Paul Mixon	College of Engineering
Mr. Curtis Steele	College of Fine Arts
Dr. Deborah Chappel Traylor	College of Humanities and Social Sciences
Dr. Chris Harper	College of Media and Communication
Ms. Debra Walden Dr. Roy Aldridge	College of Nursing and Health Professions
Dr. Marty Huss	College of Sciences and Mathematics
Mr. Justin Smith	University College

MARSHALS FOR FACULTY PROCESSION

Dr. Jollean Sinclair	College of Business
Dr. John Hall	College of Education
Dr. Shivan Haran	College of Engineering
Dr. Warren Johnson	College of Humanities and Social Sciences
Mr. Win Bridges	College of Humanities and Social Sciences
Mr. Pradeep Mishra	College of Media and Communication
Dr. Debbie Shelton	College of Nursing and Health Professions
Dr. Suzanne Melescue	College of Sciences and Mathematics

THE PROGRAM

SPECIAL MUSIC

The Arkansas State University Brass Ensemble Dr. Timothy Oliver, Conductor Dr. Lauren Schack Clark, Pianist

ACADEMIC PROCESSION

*Processional: Pomp and Circumstance.....Edward Elgar

Order of Procession Mace Bearer Chancellor and Platform Party

Marshals Graduating Classes

Marshals Faculty of the University

OUR NATIONAL ANTHEM

*The Star Spangled Banner.....Francis Scott Key Ms. Erin Reagan 10:00 a.m.

Vocalist

Ms. Janette Robinson 2:30 p.m. Vocalist

> Dr. Lauren Schack Clark Pianist

WELCOME AND	INTRODUCTIONS	Dr. Tim Hudson
		Chancellor of the University

REMARKS ON BEHALF OF THE GRADUATING CLASSMs. Tonya Cole (10:00 a.m.) Graduating Senior

> Ms. Hannah Wright (2:30 p.m.) Graduating Senior

*Please stand for the processional and the anthem.

INTRODUCTION OF SPEAKERMs. Julie Isaacson President, ASU Faculty Association
SPEAKER Governor Jose Eduardo Calzada Rovirosa
PRESENTATION OF DEGREE CANDIDATESDr. Lynita Cooksey Vice Chancellor and Provost
CONFERRAL OF DEGREESChancellor Hudson
INDUCTION INTO ASU ALUMNI ASSOCIATIONPresident, ASU Alumni Association
*THE ASU ALMA MATERMs. Erin Reagan (10:00 a.m.) Vocalist
Ms. Janette Robinson (2:30 p.m.) Vocalist

Dr. Lauren Schack Clark Pianist

Our Alma Mater A.S.U. Your hallowed halls shall ring With praise by daughter and noble son Who proudly stand and sing. Mem'ries of your stirring glory And of youthful friends we knew The red and black shall ever wave on high for A.S.U.

ACADEMIC RECESSION

**Recessional

Dr. Lauren Schack Clark

^{*}Please stand for the Alma Mater.

^{**}Please be seated for the recession.



CONGRATULATIONS, GRADUATE!

P.O. Box 1990 State University, AR 72467-1990

> Phone: 870-972-2586

Toll-Free: 1-888-225-8343

> Fax: 870-972-2039

www.astate.edu alumni@astate.edu

Jonesboro, Arkansas

The members of the ASU Alumni Association join me in congratulating you on successfully completing your academic efforts at Arkansas State University. Graduation signals the end of one era and the beginning of another as we welcome you to membership in the Association. Although this may seem like the end of your time at Arkansas State, it is actually the beginning of the rest of your life as a graduate and an alumnus of Arkansas State University.

You and the members of your class are important to the Alumni Association and the alma mater we serve. Much that you have enjoyed here at Arkansas State has been made possible by the generous support of graduates who have preceded you. As alumni, we are proud of the time, energy and resources that we have shared to help provide a quality program for the current and future students at Arkansas State.

We invite you to continue this tradition by participating in Alumni Association activities such as homecoming, class reunions and other alumni events scheduled in your area. The Cooper Alumni Center is always open to be your permanent home on the ASU campus. I invite you to stop by and see this wonderful place that was designed for you. Please keep us informed of your current address and your accomplishments so we can continue to keep you advised of University and Alumni Association events of interest. The friendships and associations you have built while at Arkansas State University will continue through your participation in these activities.

We look forward to serving you and working with you in your new role as alumni of Arkansas State University.

Sincerely,

Richard A. Caull fr.

Richard A. Carvell, Jr. '91 President ASU Alumni Association

Everything we do strengthens ASU!



STATE OF ARKANSAS MIKE BEEBE GOVERNOR

December 14, 2013

It gives me great pleasure to join your friends and families in congratulating you as you graduate from Arkansas State University. In reaching this milestone, you have proven to yourself and others that education matters to you and that perseverance will be rewarded. I applaud your commitment and hard work in reaching this important moment in your life.

Living up to your potential requires an enormous amount of energy, determination, patience, and sacrifice. I hope that you will always possess the desire to seek knowledge, to expand your horizons, and to absorb information. The future belongs to you, and that is a great responsibility with endless possibilities.

On behalf of the State of Arkansas, I wish you continued success and the best of luck in your future endeavors. Congratulations to all those graduating, and thank you to all those who helped you achieve your goals along the way. I hope that your journey forward will be a meaningful and satisfying one.

Sincerely

Mike Beebe

MB:jb

COMMENCEMENT SPEAKER

Governor Jose Eduardo Calzada Rovirosa

Governor Jose Eduardo Calzada Robirosa of Queretaro, Mexico is the commencement speaker for the 2013 fall graduation at Arkansas State University.

The first foreign elected official to address Arkansas State's graduates, Calzada leads one of Mexico's most progressive states. Queretaro is among the top automotive, aviation and entrepreneurial centers in Mexico and ranks first in livability according to a recent quality of life study of all Mexican cities.

Elected governor of Queretaro in 2009, Calzada's administration put a high priority on expanding higher education and promoting social and economic development. Queretaro is one of the most attractive regions for international investment worldwide. Hundreds of prominent multinational corporations have headquarters or major operations there.

In early 2014, Arkansas State and private investors in Queretaro will break ground on the first U.S. university residential branch campus in Mexico thanks to Govenor Calzada's ability to orchestrate the collaboration of public and private sectors in support of enhancing educational access in his state and country. Governor Calzada has publically supported an Arkansas State University campus in Queretaro from its inception. He has pledged any



and all assistance to insure the success of the project which will create a unique educational partnership between Queretaro and Arkansas State.

A graduate of Universidad Nuevo Mundo in administration, he earned his MBA at New Mexico State University. A third-generation leader in Queretaro, Calzada's public service career includes several appointments within the Mexican national government, three years as a senator representing Queretaro and a posting as a counselor at the Embassy of Mexico in Washington, D.C.

Governor Calzada and his wife, Sandra, have three children: Jose, Diego and Sandra; and he recently ran in the New York City Marathon.

CANDIDATES FOR DOCTORAL DEGREES

Doctor of Education

 Shelley Brittnum Williams
 B.S., University of Arkansas

 B.S., University of Arkansas
 M.S.E., Arkansas State University

 E.D.S., Arkansas State University
 Dissertation ADVISOR:

 DISSERTATION ADVISOR:
 Dr. Amany Saleh

 DISSERTATION TITLE:
 An Investigation Of Classroom Mathematics Instructional Practices In High-Poverty Middle Schools And The Extent Of Their Relationship To Student Achievement In Arkansas

 DISSERTATION DEPARTMENT:
 Educational Leadership

Doctor of Philosophy

Katherine A. Lisko B.S., Arkansas State University DISSERTATION ADVISOR: Dr. Argelia Lorence DISSERTATION TITLE: Engineering Elevated Vitamin C Content In Rice (*Oryza Sativa*) To Improve Abiotic Stress Tolerance DISSERTATION DEPARTMENT: Molecular Biosciences

CANDIDATES FOR SPECIALIST DEGREES

COLLEGE OF EDUCATION

Specialist in Community College Teaching

Vallary G. Bingham B.S., Oral Roberts University M.S., Arkansas State University

Specialist in Education

Chad F. Arnhart B.S.E., Arkansas State University M.S.E., Arkansas State University

Britney Rene Ballin B.S., University of Arkansas-Fort Smith M.S.E., Arkansas State University

Amy Michelle Bassinger B.A., University of North Carolina M.S., Winthrop University

Julie Beth Beach B.S.E., Arkansas State University M.S.E., Arkansas State University

Kristin Nicole Brown B.S., Mississippi State University M.A.T., Belhaven College

Kelly Lynn Burns B.S., Arkansas Tech University M.E.D., Harding University

Steven Warren Cooper B.A., Rockhurst College M.E.D., Rockhurst College

Kevin L. Culver B.S., William Carey College M.E.D., William Carey College

Anthony Tyrone Davis B.S., Arkansas State University

Anthony J. DeGrave B.S., Culver-Stokton College M.E.D., Grand Canyon University

Anthony R. Eldridge B.S., Arkansas State University Vicki S. Enyart B.S., Kansas State University M.S.E., Missouri State University

Chelsea Samantha Fife B.A., Louisiana Tech University

Tiah Machael Frazier B.S.E., Henderson State University M.S.E., Henderson State University

Geary Stephan Howell B.S.E., Delta State University M.E.D., University of Missoui-Columbia

Leona L. Hunt B.A., Saint Leo University M.S., Walden University

Darren Keith Jones B.S., University of the Ozarks M.E.D., Arkansas Tech University

Shelly Lynn Kent B.S.E., University of North Alabama M.S., Mississippi State University

Thomas Patrick Lee B.A., Park University M.E.D., Baker University

Amanda Louise Levier-Guillory B.S., University of Louisiana M.A.T., Louisiana College

Matthew Lloyd, Jr. B.S., Arkansas State University

Joshua R. Marchbank B.S., Baker University M.E.D., William Woods College

Specialist in Education (continued)

Keith Allen Martin B.S.E., Southern Arkansas University M.E.D., University of Arkansas

Shannon Nannette McCue B.S., Louisiana College M.A.T., Louisiana College

Christopher Wayne Miller B.S., Southern Illinois University M.E.D., Grand Canyon University

Melody Brister-Mooney B.S.E., Arkansas State University M.A., Dominican University

Shereka Faye Newson B.S.E., Delta State University M.E.D., University of Mississippi

Leigh Anne Newton B.S., Mississippi State University M.A., Nova Southeastern University

Sara Osment B.S.E., Arkansas State University M.S.E., Arkansas State University

Amanda Blaine Parker B.S., Mississippi State University M.S., Mississippi State University

Jason Allen Payne B.S., Arkansas State University M.S., Arkansas State University

Michele L. Pickett B.S.E., University of Central Arkansas M.S.E., University of Central Arkansas

Leann Adams Pinkerton B.A., University of Arkansas-Little Rock M.E.D., University of Arkansas-Little Rock

Johnna Shantele Raper B.S.E., Arkansas State University M.S.E., Arkansas State University La Warn Rodgers B.A., University of Arkansas-Monticello M.E.D., University of Arkansas-Monticello

Natasha Anne Rowe B.A., University of West Florida M.A., University of West Florida

Danice Lynn Shaw B.S., University of Kansas M.A.T., Park University

Christopher Adam Sikes B.S., Mississippi State University M.S., Mississippi State University

Rebecca Claytor Simons B.S.E., Northwest Missouri State University M.E.D., Lesley College

Donald Ray Singleton Jr. B.S., Arkansas State University

Parisa Gayle Stoddard B.S., Southern Illinois University M.E.D., William Woods College

Edna Lea Thompson B.S., Arkansas State University

Brandi C. Wallace B.S.E., Arkansas State University M.S.E., Arkansas State University

Katrina Hankins Ware B.S., William Carey College M.S., Union University

Kenton E. Weaver B.S., Arkansas State University M.E.D., Lamar University-Beaumont

Nathan Terhune White B.A., University of Arkansas-Pine Bluff M.A.T., University of Arkansas-Monticello

CANDIDATES FOR MASTER DEGREES

COLLEGE OF AGRICULTURE AND TECHNOLOGY

Master of Science in Agriculture

Maleigha Dawn Light B.S.A., Arkansas State University

COLLEGE OF BUSINESS

Master of Accountancy

Yingyi Deng B.A., Guangdong University

Shaoqing Dong B.S., Hebel University

Wenjun Gu B.S., Soochow University

Susan A. Inman B.S., Arkansas State University

Master of Business Administration

Abdullah Khalid Alhassan B.S., Arkansas State University

Mohammed Abdulaziz M. Almuhawwis B.E.S., Qassim University

Michael Robert Barnes B.S., Arkansas State University

Abdulmajeed Hassan A. Bin Hassan B.A.S., King Saud University

Pengfei Chen B.S., Zhijiang College

Leann N. Cole B.S., Arkansas State University

Jeremy Lee Colton B.S., Arkansas State University

Anita Michelle Deken B.S., Arkansas State University Anastasia Borisovna Talash B.S., Kuzbass State Technical University

Qiuqi Xiong B.S., The University of Shaoxing

Liting Zhao B.S., Tianjin University of Finance Economics

Qing Zhao B.S., Shandong University of Finance

Hao Huang B.L., Wuhan University of Technology

Wenqiao Li B.A., Harbin Normal University

Yan Mei B.S., Shanghai University M.S., University of Texas-Dallas

Duong Thuy Nguyen B.I.E., Foreign Trade University

Yazan Taisir Nahar Sawaie B.S., Jordan University of Science & Technology

Haowen Shen B.E., Wuhan Polytechnic University

Shuangpei Tang B.S., Chang'an University

Mandy Amber Walker B.S., Arkansas State University

Master of Business Administration (continued)

Ying Wang B.M., Tianjin Normal University

Jingwen Xu B.M., Shanghai University

Xiao Xu B.D.E., North University of China

Master of Science in Education

JeCory Kenard Tyler B.S., Arkansas State University Michael Ying Xu B.S., Nanjing University of Technology Ph.D., East China University of Science and Technology

Tuoxia Ye B.M.D., Shanghai Maritime University

COLLEGE OF EDUCATION

Master of Arts in Teaching

Samantha D. Aitkens B.S., Arkansas State University

Brooke J. N. Aldridge B.A., Arkansas State University

Amanda Garrett Bailey B.S., Arkansas State University

Teresa Cumbie Belk B.S., Arkansas Tech University M.S., University of Central Arkansas

Kayla Layne Campbell B.A., Arkansas State University

Chastity S. Collins B.S., Arkansas State University

Jenah R. Criss B.A., University of Arkansas

Robyn Joanna Croom B.S.E., University of Arkansas

Meredith Edwards B.S., Arkansas State University

Lisa L. Hight B.A., Arkansas State University

Erin L. Holland B.S., Arkansas State University Brynn Kaila Kieffer B.S., Arkansas State University

Jennifer Nicole Lovell B.A., Arkansas State University

Courtney Leanne Mace B.A., Arkansas State University

Ashley Nicole McNutt-Euwing B.A., Henderson State University

Lauren Jean McPherson B.S., Arkansas State University

Jenna Grace Parrish B.S., Arkansas State University

Ashley Renee Pagan B.S., Arkansas State University

Taylor L. Reid B.S., Arkansas State University

Nan Lee Smith B.A., Arkansas State University

Rhonda Alane Vacco B.A., Ashford University

Heather Marie Ward B.S., Central Baptist College

Master of Arts in Teaching (continued)

Melissa Marie Ward B.S., Columbia Southern University

Ebony Rachel Warren B.S., Arkansas State University Jessica M. Williams B.S.E., University of Arkansas

Regina Cherie Wydock B.S., Arkansas State University

Master of Rehabilitation Counseling

Latasha Lee Dawson B.S., Arkansas State University

Stephanie Gulley B.S., Arkansas State University

Brianna Leigh Segraves B.S., Arkansas State University Stephanie Ann Spillman B.A., Ashford University

Kevin Joe Weathers B.S., Arkansas State University

Master of Science

Sarah Abdullah S. Alahmari B.S.E., King Saud University

Lucas Conner Bateman B.S., Arkansas State University

Graham William Bates B.S., Arkansas State University

Sonya Lolita Cooley B.S., Arkansas State University

Delaney Vampran Foster B.S., University of Southern Mississippi

Sheri L. Kirby-Nash B.S., Arkansas State University

Master of Science in Education

Marla Ramsey Adams B.S., Presbyterian College

Meredith Brooke Adkisson B.S.E., Southeast Missouri State University

Patti L. Allen B.S.E., Northeastern State University

Jeanmarie Anicito B.S., New Jersey City University

Miranda L. Arnold B.S.E., Arkansas State University Reginald Ifeanyi Koggu B.S., Arkansas State University

Krista J. Morrison B.S., Arkansas State University

Jaesha Lynette Quarrels B.S., Arkansas State University

Dannie L. Thomas Jr. B.S., Arkansas State University

Shondra Denelle Wright B.S., Lane College

Toni L. Arnold B.S.E., Arkansas State University

Amy Jo Austin B.S.E., Arkansas State University

Windy Weldon Austin B.A., University of Mississippi

Brittany Nicole Ayers B.S.E., Henderson State University

Mallory Anne Babb B.S., University of Arkansas-Fort Smith

David Adam Bailey B.A., University of Alabama

Carrie G. Bates B.S.E., Arkansas State University

Katie Walker Bates B.S., Blue Mountain College

Amanda Danielle Bean B.S.E., Henderson State University

Stephanie Jewell Belin B.S.E., University of Central Arkansas

Sharon Jo Bell B.A.E., University of Mississippi

Harriett Louise Benzing B.S.E., Arkansas State University

Sarah E. Berry B.A., Ouachita Baptist University

James Adam Blackburn B.A., Freed-Hardeman University

Michon Eve Boucher B.S.E., University of Nevada-Reno

Katy Bowser B.S.E., Missouri State University

Yvonne Denise Bragg B.S.M., University of Central Arkansas

Sara J. Bramblett B.A.E., University of Montana

Lois V. Brewster B.A., University of Southern California

John Charles Brooks, Jr. B.S., Millsaps College

Dara Glenine Brown B.A., Sonoma State University

Joshua Adam Bryan B.A., University of Arkansas-Little Rock

Susan Horton Buford B.A., Harding University

Adam David Bumsted B.A., University of Arkansas M.A.T., University of Arkansas Tonya Bunch B.S., Austin Peay State University

Derek Alan Byars B.S.E., University of South Carolina

Yun Kyong Stanley Byon B.COM., Sookmyung Women's University

Charlotte Elizabeth Calhoun B.S.E., University of Arkansas-Little Rock

Michael C. Campbell B.S., Mississippi State University

Sherry Lee Campbell B.S., Oklahoma Wesleyan College

Chase Patrick Carlton B.S., Missouri State University M.A.T., Missouri State University

Wendy Lee Carter B.S.E., Emporia State University

April Nichole Carter-Turner B.S.E., Southern Arkansas University

Jesse Michael Cassard B.S., McNeese State University

Amy Mischon Charles B.S.E., University of Nevada-Reno

Erin Kathleen Cimino B.S.E., Illinois State University

Cory T. Cobb B.S., Mississippi University for Women

Taylor Rae Confer B.S., University of Michigan-Flint B.A., University of Michigan-Flint

Marteia Jenean Cooper B.A., California State University-Dominguez Hills

Caren D. Copeland B.S.E., Northeastern State University

Amanda Danielle Cox B.S., Tennessee Wesleyan College

Connie Lynne Craig B.S., Mississippi University For Women

Lorie Carmelita Craig B.S.E., Arkansas State University

Valerie Jacqueline Compton Crawford B.A., University of Mississippi

Curtis Lee Crisp B.S.E., University of Central Arkansas

Luke Wade Crozier B.S.E., Bowling Green State University

Shenia D. Culp B.S.E., Arkansas State University

Caroline Shipley Dale B.S.E., University of Alabama

Susan Gale Davey B.S.E., Arkansas State University

Casey L. Davidson B.S., Arkansas Tech University

Claude Leslie Davis B.S.E., Arkansas State University

Edward Michael Davis B.A., California State University-San Bernardino

Susan Kimberly Davis B.S., Middle Tennessee State University

Amanda Cherie Davoli B.S., Philadelphia University

Danielle Marie Dean B.A., Northern Illinois University M.A., Elmhurst College

Curtis Paul DeHart Jr. B.S., Louisiana State University A&M College

Cassie L. DeSpain B.S.E., Arkansas State University

Jacqueline Rheann Dewey B.S.E., University of Central Arkansas

Misty Martens Dodge B.A., Tusculum College

Elizabeth Anne Dolan B.S., Bradley University Ami Medford Driver B.S.E., Arkansas State University M.S.E., Arkansas State University

Shadda Dunn B.A., University of Mississippi

Jason Paul Dupuy B.A., Louisiana State University A&M College

Rita Kay Elsea B.S., University of Tennessee

Eva M. Essary B.S.E., University of Tennessee-Martin

Carmen Frazier Evans B.A., Southern Louisiana University

David A. Farr B.A., University of Central Arkansas

Leslie Diane Faulkner B.S.E., University of Central Arkansas

Rebecca Renee Ferrell B.A., Tusculum College

Teresa Marie Flynn B.A., Harding University

Meredith Nicole Ford B.A., Geneva College

Sondra Lee Friend B.S.E., University of Central Arkansas

Sarah Elaine Fryar B.S., University of Arkansas-Monticello

Kayla R. Fultz B.S.E., Missouri Southern State University

Alice Rae Galbraith B.S.E., Arkansas Tech University M.E.D., Arkansas Tech University

Ashley Nicole Gallant B.S.E., Arkansas State University

Heather Renea Gammill B.S.E., Southern Arkansas University

Stacy Jones Gauldin B.S.E., Southern Arkansas University

Hanna Michele Gibson B.S., Southwest Baptist University

Kelly Kueter Gibson B.S.E., Arkansas State University

Lacee Lynne Glidewell B.S.E., Henderson State University

Erin Danielle Glover B.S., Arkansas Tech University

Tresse Layne Glover B.S., University of Central Arkansas

Deidra K. Goins B.S., Middle Tennessee State University

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Qianjin Zheng B.S., Shanghai Institute of Technology

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Master of Communication Disorders

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Megan Elizabeth Fowler B.S., Arkansas State University Ashley Caitlin Brown Gonzalez B.S., Arkansas State University

Alecia Michelle Hiserodt B.S., University of Arkansas-Little Rock

Angela Marie Holden B.S., Minnesota State University

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Shana Cherrelle Lowery B.S.E., Arkansas State University

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Erica Yvonne Matlock B.S., Arkansas State University

Candice Ann Mey-Biggers B.S., Arkansas State University

Elizabeth Adele Miller B.S., Arkansas State University

Monica Morales B.A., University of North Texas

Katelyn Rose Mitchell B.S., Arkansas State University

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Samantha Rachelle Stuart B.S., Arkansas State University

Mary Lauren Thomas B.S., Arkansas State University

Laura Elizabeth Throesch-Thielemier B.A., Lyon College

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Kevin Wesley McMasters B.S., Arkansas State University

Trina S. Watkins B.S., Arkansas State University

Jonathan E. Wilson B.S., Arkansas State University

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Master of Arts

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Master of Science

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Rebecca Irene Cooper B.S., Miami University

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Professional Science Master

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Keith Edward Smith B.S., Arkansas State University

Amy Lynn Wynia B.S., University of Rhode Island

Jenna Renee Worsham B.S., Arkansas State University

MASTER THESES

STUDENT: THESIS ADVISOR: THESIS TITLE:	Saeed Dammas Alahmari Dr. Hashim Ali An Investigation Of The Removal Of Nonylphenol From Contaminated Water By Iron Oxides: A Computational (Hyperchem) And Attenuated Total Reflectance-Fourier Transform Infrared (Atr-Ftir) Spectroscopy Study
STUDENT:	Fatemah Al-Ghamedy
THESIS ADVISOR:	Dr. Hung-Chi Su
THESIS TITLE:	Cfph-Growth Tree: A Data Structure For Mining Association Rules With Skewed Support Distribution
STUDENT:	Jennifer Marie Cobb
THESIS ADVISOR:	Dr. Jennifer Bouldin
THESIS TITLE:	Macroinvertebrates As Bioindicators Of Water Quality In Wetlands Of The Cache River Watershed, AR
STUDENT:	Jason Paul Gaspar
THESIS ADVISOR:	Dr. Tanja McKay and Dr. Martin J. Huss
THESIS TITLE:	Observational And Experimental Studies Of Trichomycete Fungi Associated With Mosquito Larvae
STUDENT: THESIS ADVISOR: THESIS TITLE:	John Joseph Kelly Dr. Stan E. Trauth Assessing Commercial Harvesting Pressure On Aquatic Turtles Of The Mississippi Alluvial Plain Of Northeast Arkansas
STUDENT: THESIS ADVISOR: THESIS TITLE:	Melody Brister-Mooney Dr. Ryan R. Kelly New Literacies and Pedagogical Migration: Exploring Impacts of New Literacies on Instruction and Learning in High School Content Classrooms
STUDENT:	Ashley Nichole Swan
THESIS ADVISOR:	Dr. Veena Kulkarni
THESIS TITLE:	Exploring the Correlates of Teen and Unmarried Birthrates in Arkansas Using Geographic Information System
STUDENT: THESIS ADVISOR: THESIS TITLE:	Amy Lynn Wynia Dr. Thomas Risch Effects Of Nest-Site Selection, Brood Parasitism, And Predation On The Nesting Success Of Passerines Breeding In Bottomland Hardwood Forests In East-Central Arkansas

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Pamela R. Goad

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Bachelor of Arts

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Bachelor of Science

Ece Akkan

Makala L. Allen

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Zhouyang Lu

Feng Luo

Katie M. Hutton

Lei Zhou

Yuting Zhu

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Casey A. Cerrato

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Haiyan Mohamed

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Bachelor of Arts

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Bachelor of Fine Arts

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Megan LaCole Perry Alicia Shandel Rose Hanbing Shi Jacqueline Rose Vandigo Magna Cum Laude Ashley Brooke Willis

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Erin Christine Verdis Reagan

Bachelor of Music Education

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Gregory Wallis Osborne

Craig Alan Young

Hannah Danielle Loyd

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Bachelor of Arts

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Leah Faith McDaniel Cum Laude/Honors Program Gregory Blake McGill Amber Jeanette Nicholson Justin Lee Rucker Jackson Kyle Spencer Adam Lee Stormes

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Darice Ann Barber

Cum Laude Tabitha M. Breshears Brenda K. Cavaness Dana K Childress Megan Renee' Gardner Matthew M. Harmon James E. Hemund, Jr. Tonya Diane Marie Holden Patricia L. Hurst Susan Jo James Richard Gene Johnson Jason Neal Kinder Michelle Ledbetter Amanda S. Massey Beth E. McGee Jessica S. Moody Dalene Nicole Newman Gina Christine Powell Tiffany C. Saric Laticia Kay Sheffield Danielle Smith Marci Coet Walton Betty M. Willette Cathy Ann Zulker

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Associate of Applied Science

Alisha Renee Fulcher

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Jill A. Doucet Marie Louise Ronnie Dozier Sheri Lynne Fox Anna E. Gilley Brandie Monique Hendrix Heather M. Hess Melissa Michelle Hopper Charita Ann James Lonzola Johnson Milissa Ginger Johnson Pamela Tameka Jones lames Robert LeBlanc Katrina Lynn Lewis Lori Alene Lowe Darla Marina Main Larry Lee Mallow, Jr. Jenna N. Martinez Paula Desiree McCulley Laura Elizabeth McDaniel Janae N. McGregor Ben Blake McGuire

Associate of Applied Science in Nursing (continued)

Kristi D. McKay Karen Marie Meharg Kerry E. Mills Karen Ann Mitchell Jennifer Jane Moore Brittany Faye Mullins Steffi Pierson Ott Laura Beth Phillips Cristy Michelle Porting Sheila M. Rather Christina M. Ray Torri Lashaun Reed Stormi Reynolds Antuanita Caressa Ross Alla Shegelsky Terri Lynn Sisk Logan Mychal Skoff

David DeWayne Smith Vanna H. Smith Shauna L. Spoon Cheyenne Lynee Stephens Desiree D. Underwood Sonya L. Versie Keshia Michelle Vincent Roszlyn Marie White Sammy Marsh White Tanishia M. Williams Felicia Ann Willins Yvonne Wilson DeSheal Nicole Winfrey Lisa Marie Woloszyn Christina Wyatt Mavis D. Young C. B. Zimmerman

COLLEGE OF SCIENCES AND MATHEMATICS

Bachelor of Arts

Jessica L. Brooks Brayden Anthony Fountain Jessica Alexandria Franklin Tanner Lee Horton Terry D. Lloyd, Jr.

Bachelor of Science

Sarah Yousef S. Alhuthayl Austin A. Aycock Nicholas H. Bagley Kayla Lauren Broadway Jessica L. Brooks Dylan James Budolfson Kyle Matthew Cherry Steven Codie Clark Taylor Ann Coughlin Kyle James Crossland Jacob Aaron Davis Brayden Anthony Fountain Hillary Rae French John Paul Goodman, II Natasha Gopal Govan Tyson David Holligan Tanner Lee Horton DeHenry Laprince Kidd Wenvi Li Cum Laude Christopher Scott Logan

Kayla Donielle Parker Divya K. Patel Kimberly Gail Runnels Jadyn Christine West Ling Zhang

Kendrick Deshun McShan, Sr. Andrea Violet Meyers Rebecca Lynn Moody Joseph L. Myer Audrey Cheyenne Pfeifer Isaac G. Quilhot Jonathan Aaron Radin Alex Roberts Justin K. Roberts **Bradley Scott Rogers** Jessica Ann Royal Marina Lizvette Sherrod Brandon Scott Shourd Arizona Mary Esther Smith Katlyn Renee Snetzer Michael Aaron Stone Hunter Lewis Whitehurst Kyle Douglas Wilson Alexander Joseph Worm Cum Laude Jun Zhou

Bachelor of Science in Education

Christy Renae Davis Rachel L. Fegtly Cum Laude Heather Reneé Lawhon Ramsey Nicole Lindsey Jerrica Jeanette Miller Christy Marie Pike Daniel Hurst Whittemore Hannah Beth Wright Summa Cum Laude/University Honors

UNIVERSITY COLLEGE

Bachelor of Science

Keuna Bianca Adams Farrah Ayo Cum Laude Jeffry Alan Barton, Jr. 2nd Lieutenant Daniel Joseph Baum Kallie Grace Bramlett Meghan Denise Brewer Chelsea A. Brittingham 2nd Lieutenant Steven R. Broyles Brittany Bullard Drew Anderson Burks Maleri Ricole Carpenter Kassie M. Clark Roseann Lynn Coe Tonya M. Cole Summa Cum Laude Calandra Klashae Crittle Kara D. DeGunion Kanecha F. Echols Merideth B. Elder Stephan W. Elrod, Jr. Emily Sarah Sisco Andrew W. Fields Lloyd Edward Fisher, Jr. Melissa S. Gause Kadie D. Hall Cum Laude Chelsea Nicole Hendrix Amanda LeAnn Hinson Misty Dawn Holder Jeff F. Hughes Bridget Lucinda Ingram Aaron Lee Johnson

Associate in General Studies

Michael Brianne Coots Brittany Gail Hartwell Malcolm Leon Holland

Associate of Arts

Ashleigh N. Dyer

Sasha Elizabeth Johnson Amy L. Lederer Marcus Grey Long Drake Coleman Maxwell Lionel Mitchell, Ir. Marshall Phillip Mooney Jarred Pierre Moore Tammy Lanell Nelson Liane Susan (Phelps) Neshat David Trevon Oku Kelly Marie Smith Travis Wayne Pearce Deyyonna D. Penister Blake Allen Pepper KaTrina LaShon Pride Linda Louise Riley Ryan Louis Roberts Jeffrey A. Rose Dexter J. Samuel Charles Edward Smith, III Manami Suzuki Emma D. Terrell Madison Jade Terry Stephen R. Tompkins Kasi Jane Truxler Owen Wavne Vowell Winston C. Williams Tyler Jordan Wilson Lindsey Nicole Wimberley Cole A. Wineland Andrew D. Withrow Robert Alan Wright Kathleen N. Wysocki

Logan Chace Jones Leanne Marie Mills Eric L. Neeley

Ana Maria Garcia

Associate of Arts (continued)

Alaina K. Grisham Danielle Nicole Hill Walter Joseph Kincade

Associate of Science

Kelly R. Adkerson Jordan Elizabeth Allen Ruaa Monier Al Muhanna Frances Rushing Anthony Emily Bryce Barrow Samuel Blade Blevins Bryan Justin Bogan Stephanie Sue Branch Levi Forrest Brandon Shae Marie Brewer Marcus Brown April Campbell Latoya Cheeks Philip Andrew Childers Rebecca L. Clark Rebecca L. Cobb Taylor L. Craig Alveshea Marie Crockett DesaRae Lynn Davenport Kayla M. Davis Lisa Ann Davis Sierra Shavonne Davis Calvin Michael Diaz Mariel Diaz Sara D. Elgin Phillip J. Faulkner Gabriel T. Floyd James Colten Fraizer Cedric Lee Freeman, Jr. Terrisena D. Freeman lacob M. Freeze Brittney Lynne Hamilton Katelyn E. Hardin Persephone Danielle Harris Peter Burian Hasik Jennifer Nicole Hatfield Valerie Lynn Holman Mikayla Ann Holzem Jennifer M. Huggins Tamaras Shakur Jack Kearius L. lackson Alexandria Paige Jones

Brian M. Lambdin Julia Dee Long Blair Jamison Richards

Amanda Lee Labossiere Dustin Lee Lavender Danielle Nicole Lockamy Erica Nicole Machycek Jessica Lauren Maddox Reynardo K. Marks Ashley J. Marshall Karina R. Mashburn Lonnie Travis McKinney Bryan Wade Miller, Jr. Lelonah Louise Mullins Megan Marie Palmer Joshua L. Parker Megan Liane Rhea Elizabeth Ann-Marie Robinson Ashley L. Rodney Alfredo Rodriguez Meagan Danielle Rush Kristina Marie Sammons Trisha R. Sanders Kyra C-Gail Sims Kelsey L. Sloas Daniel J. Smith Kelsea C. Sneed Korey Scott Speaight Shaquille Cortez Spearman Jessie E. Speegle Sabrina Louise Stokes David Michael Tallmadge Bre'anna Lanai Taylor Essence Julia Taylor Teyona Nichole Thomas Brea O'Sha Tyler Cody Allen Upchurch **Delaney Brook Vines** Paul Daniel Warner, IV Ashton Elaine Wilburn Asia L. Williams **Rickey Joe Winders** Tommy Lawrence Woods Stephanie Kay Wyatt Meagan Nicole Wynn

HONORS SENIOR THESES

- STUDENT: Asuka Morimoto
- THESIS ADVISOR: Dr. Rollin Tusalem

THESIS TITLE: The Role and Influence of Single-Dominant Party Politics in Promoting Democracy and Economic Growth

STUDENT: Hannah Wright

THESIS ADVISOR: Dr. Martin Huss

THESIS TITLE: Student Success and Motivation in Online versus Traditional Lecture Classes

ACADEMIC APPAREL

The present-day academic costume probably originated at Oxford and Cambridge universities and is a survival of the ecclesiastical garb of the late middle ages. As the universities passed from ecclesiastical control, the academic gown used brighter colors to distinguish it from the totally drab clerical robe. Although colonial American universities used academic gowns based upon the British system, people continued to associate them with the clergy.

Late in the nineteenth century, a student movement centering in New England instigated the establishment of a "senior badge" to improve commencement week exercises and revive the traditions of university life. In the 1890's, American universities and colleges established a uniform code for caps, gowns, and hoods for the various degrees, thereby standardizing academic styles in this country. The gown, the cap, and the hood are the characteristic elements of academic apparel.

The *gown* is usually of black material. However, some doctors' gowns are of the school color. Bachelors' gowns have pointed sleeves; masters' have long, closed sleeves, with slits from which the arms protrude; the doctors' have wide, round, open sleeves. Doctors' gowns are faced with panels of velvet down the front and three bars of velvet across each sleeve.

The *cap*, the square mortar-board in American universities, but a round, soft, flat velvet hat in British, Canadian, and some European universities, bears a tassel which may be black for all ranks and degrees, or may be of gold thread for doctors and the color of the degree for bachelors and masters.

The *hood*, worn around the neck to hang down the back, is the principal emblem of the nature and source of the degree held. It is edged with velvet of the color of the degree, while its lining of silk bears the colors of the institution which granted the degree. Hoods may be worn only after the degree has been granted.

Originally, the hood had three uses: as a head covering, as a shoulder cape, and as a bag in which alms could be collected. When large wigs were in vogue in Britain, the cape part of the hood was split in front and a narrow neckband inserted. The entire cape and hood was allowed to fall back as it is today, and it was never restored to the original style.

The *degree* colors in the hood are appropriate to the category of the degree, rather than to the scholar's major subject. Appropriate colors for degrees:

Agriculture	Maize
Business Accounting Business Administration Business Education	Drab Brown Drab Brown Light blue
Education Early Childhood Services Education College Student Personnel Services Exercise Science Mental Health Counseling Physical Education Rehabilitation Counseling School Psychology Sports Administration Teaching	Golden Yellow Light Blue Peacock Blue Sage Green Golden Yellow Sage Green Light Blue Sage Green Light Blue
Engineering	Orange
Fine Arts Music Music Education	Pink Pink

Agriculture

Humanities and Social Sciences Humanities English Education Criminal Justice Political Science Public Administration Social Science Education Heritage Studies — MS/PhD	White Light Blue Golden Yellow Dark Blue Peacock Blue Light Blue White
Media and Communication Communication Studies Journalism Radio-Television	Crimson Crimson Crimson
Nursing and Health Professions Communication Disorders Disaster Preparedness Health Science Nursing Physical Therapy Social Work	Gray White Sage Geen Apricot Teal Citron
Sciences and Mathematics Mathematics Mathematics Education Science Science Education	Golden Yellow Light Blue Golden Yellow Light Blue

Black tassels are correct for all degrees, but gold metallic tassels may be worn by holders of doctoral degrees or by presidents of universities and colleges. The tassel should be worn draped over the left front quarter of the cap.

THE MEDALLION

Medallions were used as adornments in biblical days and also served as symbols of authority. The Arkansas State University medallion, designed and cast by Robert Mitchell, a former member of the ASU art faculty, is made of sterling silver and bears the seal of the university. It is worn by the president of the university at official academic ceremonies.

THE MACE

Originally a weapon of the Middle Ages, the mace gradually became ceremonial in character. The mace was carried by church officials, guards of kings, and other high officials. Today it is used symbolically in academic ceremonies.

The Arkansas State University mace was designed and crafted by former faculty member Robert Mitchell. It was presented to the university on April 12, 1981 by the men of Arkansas Gamma Chapter, Sigma Phi Epsilon Fraternity, Arkansas State University.

The mace is composed of three parts: the head, the staff, and the finial. The three blades of the head symbolize the three diamond-shaped torches of the ASU seal, representing teaching, research, and service. The central core supports the seal, surrounded by the blades and protected by them. The contrast of the highly polished and shaped surfaces of the sterling silver blades with the hammered edges magnifies the dual roles of education—refinement of rational thought and strength of hard labor and intellectual work.

The staff is made of rosewood, a material commanding as high a place among woods as silver among metals. The finial, also of sterling, symbolizes the foundation of university excellence: students, faculty, and alumni. It also contains the crest of the donor.

The marks on the finial collar are quality marks of the maker. The sterling stamp attests to the metal's purity, and the "M" is the personal hallmark of the maker.

THE SEAL

The official seal of Arkansas State University has been designed for the purpose of authentication, and to both represent and build upon the impact of an education at ASU.

The current design of the Arkansas State University seal was adopted by the Board of Trustees in 1998. The new design incorporates current concepts and goals of the University.

The seal has three distinct characteristics:

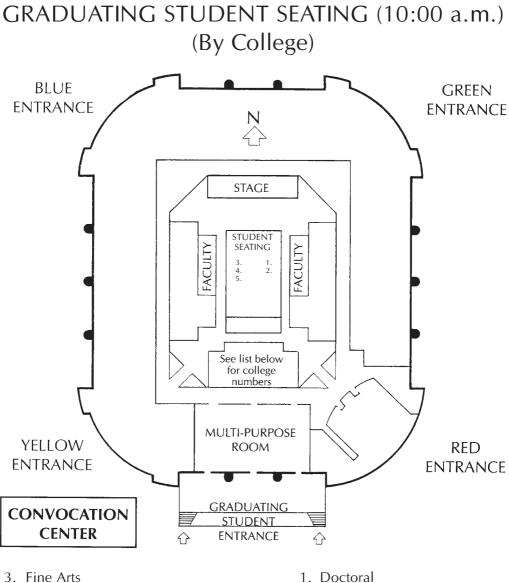
- 1) The arch symbolizes a portal or entrance to new life, balance in form, and university tradition and was given as a gift by the Class of 1927.
- 2) The inset date of 1909 is the date the institution was established.
- 3) The laurel wreath signifies the high achievement of its attendees.

These three features represent qualities of tradition, authority, and integrity of the University.

GRADUATION WITH ACADEMIC DISTINCTION/HONORS

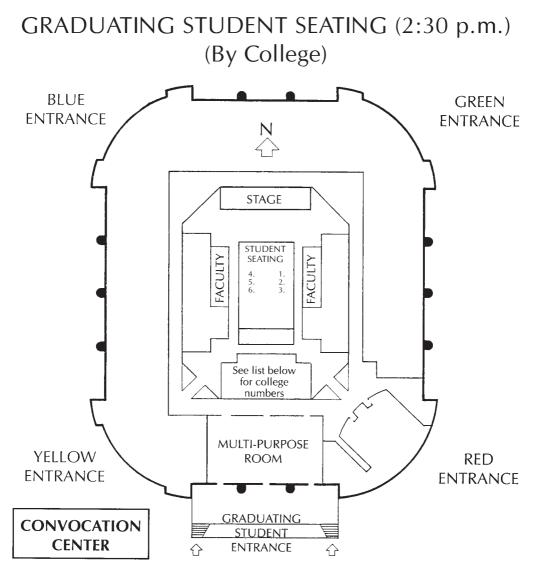
Arkansas State University recognizes the academic achievement of graduating baccalaureatedegree students in the following ways:

- 1. Students graduating summa cum laude (4.00 grade point average) will wear a gold cord.
- 2. Students graduating magna cum laude (3.80-3.99 grade point average) will wear a red cord.
- 3. Students graduating cum laude (3.60-3.79 grade point average) will wear a white cord.
- 4. Students who complete the Honors Program or the University Honors program shall be designated as graduating "In Honors" or "In University Honors." The ASU Honors Medal, developed in 2006, is a means of recognizing undergraduate students who graduate from The Honors College at Arkansas State University. The medal's design is taken from "The Scholar" character which is an architectural relief on Wilson Hall, the university's oldest building on campus. There are two separate medals, gold and silver. Students who graduate "In Honors" are awarded the silver medal. Students who complete an honors thesis and graduate "In University Honors" are awarded the gold medal. Students graduating "In University Honors" or "In Honors" will wear blue cords.



- 3. Fine Arts
- 4. Humanities and Social Sciences
- 2. Education

- 5. Media and Communication
- 6. University College



- 4. Engineering
- 5. Nursing and Health Professions
- 6. Sciences and Mathematics

- 1. Doctoral
- 2. Agriculture and Technology
- 3. Business



Arkansas State University educates leaders, enhances intellectual growth, and enriches lives.

