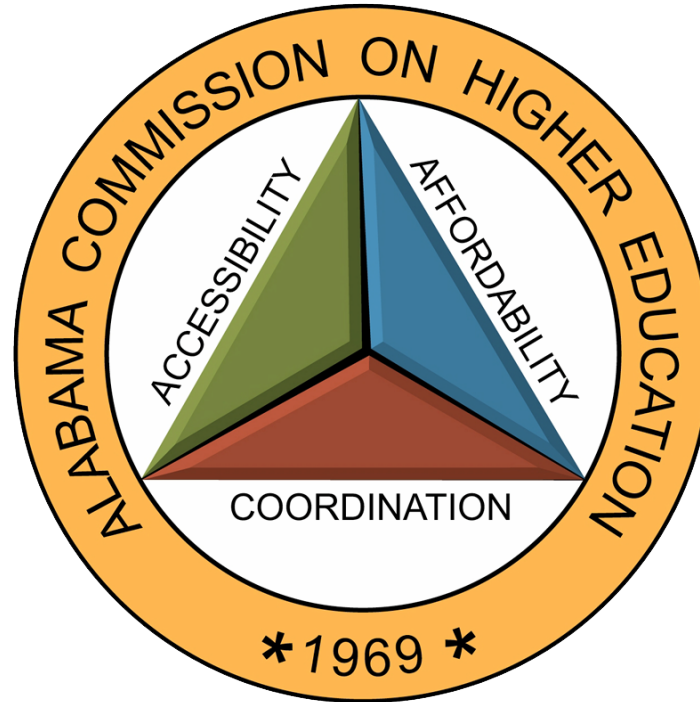


Alabama Commission on Higher Education



Commission Meeting
June 14, 2024



I. CALL TO ORDER, PRAYER, AND PLEDGE OF ALLEGIANCE

II. ROLL CALL and QUORUM DETERMINATION



III. APPROVAL OF AGENDA



**Commission Meeting Agenda
of June 14, 2024**

Motion, Item III:

That the Commission accept the agenda for the June 14, 2024 meeting.

IV. CONSIDERATION OF MINUTES



**Commission Meeting Minutes of
March 8, 2024**

Motion, Item IV:

That the Commission accept the Commission Meeting minutes for the March 8, 2024 meeting.

V. CHAIRMAN'S REPORT



Appoint Nominating Committee



Recognition of Commissioners



Recognition of Commissioners

**Commissioner
Charles Buntin**



**Term of Service
9/01/2015 – 8/31/2024**

**Commissioner
Timothy O. Gyan**



**Term of Service
9/18/2015 – 8/31/2024**

Recognition of Commissioners

**Commissioner
Miranda Bouldin, Chair**



**Term of Service
9/18/2015 – 8/31/2024**

VI. EXECUTIVE DIRECTOR'S REPORT



Commissioner Amy Shipley Price, Vice Chair




- Has served on the Sylacauga City Schools' Board of Education for 10 years and is currently the president
- On May 3, 2024, the *Yellowhammer News* quoted Commissioner Price in response to Alabama's nursing pass rates exceeded the national average as follows:

“You can imagine, being a freestanding, rural hospital, partnerships are very important to not only our existence but to our sustainability, and so when we look over our partnerships, I can't think of one that's more important to us today than the good work community colleges are doing in their programs. It's really paying off in terms of putting people to work with credentials to meet the demands of healthcare today.”

YELLOWHAMMER

EDUCATION NEWS

**Alabama Community College
nursing pass rates surpass national
average**

By  Austen Shipley May 3, 2024

<https://yellowhammernews.com/alabama-community-college-nursing-pass-rates-surpass-national-average/>



THE ASPEN INSTITUTE NAMES WALLACE STATE COMMUNITY COLLEGE (HANCEVILLE, ALA.) AS A FINALIST FOR \$1 MILLION 2025 ASPEN PRIZE

[Featured](#)

Jun 11, 2024 |



The Aspen Institute named Wallace State Community College (Hanceville, Ala.) as a finalist for the 2025 Aspen Prize for Community College Excellence.

CATEGORIES

Select Category

FILTER

2024 Aspen Prize Finalists

Georgia Highlands College, GA

Moorpark College, CA

Northeast Wisconsin Technical College, WI

Northwest Vista College, TX

San Jacinto College, TX

Seminole State College of Florida

South Puget Sound Community College, WA

Southwest Wisconsin Technical College, WI

Union College of Union County, NJ

Wallace State Community College-Hanceville, AL

WASHINGTON D.C., June 11, 2024 – Today, the Aspen Institute named **Wallace State Community College (Hanceville, Ala.)** as a finalist for the 2025 Aspen Prize for Community College Excellence. The \$1 million award is the nation's signature recognition of strong performance among community colleges. The institutions selected for this honor stand out among more than 1,000 community colleges nationwide as having high and improving levels of student success, as well as equitable outcomes for Black and Hispanic students and those from lower-income backgrounds.

"We are honored to be recognized by the Aspen Institute among this most elite group of institutions," said Wallace State Community College President Vicki Karolewics. "Wallace State has been committed to achieving the highest levels of success for our students for many years, so that students regardless of their backgrounds are equipped to enter the workforce in a rewarding career or continue to excel upon transfer to a university. Our recognition reflects the ongoing commitment of our outstanding faculty and staff, and the support of the communities and students we serve."



Awarded every two years, the Aspen Prize honors colleges with outstanding performance in six critical areas: teaching and learning, certificate and degree completion, transfer and bachelor's attainment, workforce success, broad access to the college and its offerings, and equitable outcomes for students of color and students from low-income backgrounds. The winner will be announced in the spring of 2025.

Research Fellows



Dr. Nicholas Bolden

Nicholas Bolden is an Associate Professor of Public Administration and Policy at Columbus State University. His research examines economic and workforce development policies and social factors, such as income inequality, poverty, and their influence on career, education, and labor outcomes.

Nicholas' publications have appeared in Journal of Economics and Sustainable Development, and Journal of Regional Analysis and Policy. As an ACHE Research Fellow, he assists with various areas related to workforce development and FAFSA challenges in Alabama.

Nicholas holds a Ph.D. in Public Administration and Policy from Auburn University.



Deana Goodwine

Deana Goodwine is currently a Ph.D. student at Auburn University majoring in Adult Education. She has a M.S. in Instructional Leadership from Samford and a M.S. in Postsecondary Education from Troy.

She currently serves as Director of Workforce Development for the Sylacauga City Schools where she is a National Board-Certified Teacher and was named the Southern Regional Business Education Teacher of the Year in 2016.

Her research interests include adult education with an emphasis on credentialing.

Deana currently resides in Birmingham with her husband, Allen. They have two adult children.



Natalie Millar

Natalie Millar is an economist and a research fellow at the Hoover Institution. Natalie works on topics related to the economics of education and labor. Her primary research focuses on the returns to alternative credentials, public-private partnerships, and the intersection between these alternative credentials and the traditional education system.

In addition to being a Research Fellow of ACHE, Natalie is also a Postsecondary Career and Technical Education Research Fellow of North Carolina State University.

She received a Ph.D. in economics from the University of Alabama. Natalie is a native of Cullman and currently resides in Tuscaloosa.



Jessie Lynn Nichols

Jessie Lynn Nichols of Prattville is currently a Ph.D. candidate at Auburn University in Career and Technical Education. She has a B.S. in Agriculture Communications and a M.S. in Agri-Science Education.

Since her reign as 2022 Miss Rodeo USA, Jessie Lynn, also known as “America’s Singing Cowgirl”, has been recognized as an ACM, CMA, and Grammy Recording Artist. She also coaches and mentors young equestrians and serves as the host, producer, and creator of *Be A Dreamcatcher* podcast.

Jessie Lynn aims to work in higher education to promote, invest, and encourage students of all ages to set and achieve goals they thought would never be possible.



2024 ACHE Summer Interns



2024 ACHE Summer Interns



Taigan Cabble

Returning

Tuskegee University
Junior
Architecture



Grace Lewis

New

Savannah State University
Sophomore
Computer Science



Arnecia Smith

Returning

Auburn University at Montgomery
Sophomore
Nursing

2024 ACHE Summer Interns



Duane Jon (DJ) Harris

Returning

Auburn University at Montgomery
Sophomore
Computer Science



Daniel Pettway

Returning

Trenholm State Community College
Freshman
Graphic Design

Legislative Update



HB145, the 2025 Education Trust Fund (ETF) Budget

Universities	2024 Appropriation	2025 Appropriation	Percentage of Increase
Alabama A & M University	\$ 53,771,418	\$ 57,304,433	6.57%
Miles College*	\$ 493,486	\$ 493,486	0.00%
Alabama State University	\$ 59,164,786	\$ 62,783,930	6.12%
Alabama , Univ of - Main Campus	\$ 229,905,984	\$ 248,302,456	8.00%
Alabama, Univ of - Birmingham	\$ 374,266,862	\$ 397,409,628	6.18%
Alabama, Univ of - Huntsville	\$ 68,328,381	\$ 72,681,686	6.37%
Athens State University	\$ 20,487,367	\$ 21,741,509	6.12%
Auburn University	\$ 330,460,333	\$ 355,844,105	7.68%
Auburn University Montgomery	\$ 31,522,666	\$ 33,112,856	5.04%
Jacksonville State University	\$ 53,428,224	\$ 57,483,222	7.59%
Montevallo, University of	\$ 28,843,970	\$ 30,730,750	6.54%
North Alabama, University of	\$ 48,855,509	\$ 53,339,628	9.18%
South Alabama, University of	\$ 150,374,562	\$ 161,458,465	7.37%
Troy University System	\$ 75,811,358	\$ 82,021,926	8.19%
West Alabama, University of	\$ 27,710,078	\$ 31,265,149	12.83%
Stillman College **	\$ 100,000	\$ 100,000	0.00%
Total Universities	\$ 1,553,524,984	\$ 1,666,073,229	7.24%
Alabama Community College System	\$ 551,286,557	\$ 586,946,967	6.47%
Tuskegee University	\$ 13,651,435	\$ 14,816,759	8.54%
Talladega College	\$ 1,069,234	\$ 1,176,157	10.00%

*Pass-through Alabama A&M to Miles College

**Pass-through West Alabama to Stillman College

HB145, the 2025 Education Trust Fund (ETF) Budget

- **10% increase in the agency's budget over last year.**
- **Existing lines that will increase, compared to the 2024 budget include:**
 - \$545,231 for O&M
 - \$80,000 for FAFSA Completion
 - \$175,000 for SREB
 - \$3,358,162 for National Guard Scholarships
 - \$500,000 for the Student Assistance Program
 - \$500,000 for the Educational Grants Program
 - \$200,243 for the Articulation Reporting System (STARS)
 - \$100,000 for the Soil and Water Conservation Committee Program
 - \$15,000 for Black Belt Treasures
 - \$25,000 for Alabama Civil Air Patrol
 - \$1,050,000 for Resource Conservation and Development Program (RC&D)
 - \$100,000 for AKEEP Education and Teacher Recruitment Partnership

HB145, the 2025 Education Trust Fund (ETF) Budget

- **New lines in ACHE's budget include the following:**
 - \$50,000 for Study Alabama
 - **\$100,000 for Indian Affairs Scholarships**
 - \$200,000 for the Scottsboro Boys Museum
 - (split between museums in Scottsboro and Decatur)
- **Existing lines that will **decrease**, compared to the 2024 budget, include:**
 - \$400,000 for Retain Alabama - the amount reduced is in connection with one of our subcontractors for the funding
 - \$100,000 for the Humanities Foundation

Increases and decreases are a big part of the process: many seek funds, limited funds, and changing legislative and gubernatorial priorities.

HB144 Supplemental Budget

- **HB144 provides supplemental (one-time) funds to ACHE as follows:**
 - \$4,500,000 for the (Re)Engage Alabama Grant Program pursuant to Act 2023-539;
 - \$4,000,000 shall be used for the Deferred Maintenance Program for Historically Black Colleges and Universities in the state with no matching fund requirements by the institution receiving a grant;
 - \$2,500,000 for the Birmingham Zoo – Alabama Veterinary Teaching Hospital;
 - \$270,000 for the Best and Brightest STEM Pilot Program pursuant to the provisions of Act 2020-204;
 - \$850,000 shall be used for the EarlyWorks Museum in Huntsville;
 - \$250,000 shall be used for the NCAA Women's Basketball Tournament;
 - \$250,000 shall be used for the Para-Cycling Road World Championship;
 - \$500,000 shall be used for the SEC Baseball Tournament;
 - \$100,000 shall be used for Selma University;
 - \$200,000 shall be used for the Southern Museum of Flight; and
 - \$500,000 shall be used for the USS Alabama Battleship.

New Laws that Impact Higher Education

- **HB147.** This bill makes supplemental appropriations from the ETF Advancement and Technology Fund; to the public institutions in the amount of \$191,590,000;
- **HB148.** Appropriation of \$14,816,579 to Tuskegee University.
- **HB149.** Appropriation of \$1,176,157 to Talladega College.
- **HB284.** This bill will require qualifying schools receiving tuition reimbursement benefits on behalf of veterans and their spouses, widows, or children under the act to make use of offsets and write offs of unpaid educational fees.
- **HB308.** This bill amends the alternative teacher certification path to include approval by a member of the Council for Higher Education which specializes in educator preparation.
- **HB346.** This bill establishes the Alabama Workforce Housing Tax Credit.
- **SB55.** Requires the State Personnel Director to regularly assess the requirements for employment within classifications of positions in the state service and identify classifications for which the requirements may be reduced.

New Laws that Impact Higher Education

- **SB129.** Prohibits certain public entities from maintaining an office, program, or endorsement that promotes diversity, equity, and inclusion programs. Public institution of higher education will be required to designate multioccupancy restrooms based on biological sex.
- **SB247.** This bill changes the Department of Labor to the Department of Workforce and transfers certain state and federal programs from the Department of Commerce to the Department of Workforce.
- **SB253.** This bill provides for the following:
 - Different pathways toward earning a high school diploma based on the further workforce or continuing education plans of the student;
 - The upgrade or additional construction of career and technical education centers; and
 - The Alabama Short-Term Credential Program to offer additional scholarships for the training of individuals through the Alabama Community College System.

Alabama education groups still trying to counter low FAFSA numbers

Published: Jun. 04, 2024, 6:00 a.m.

By Mary Sell | Alabama Daily News and [Alabama Daily News](#)

Significantly fewer Alabama high school seniors filled out this year the federal application for student aid than in previous years and, even though school is out, education officials are still trying to reach graduates and boost application numbers.

“The U.S. Department of Education’s horrific rollout of the new (Free Application for Federal Student Aid) significantly impacted the number of high seniors across the country that have completed the FAFSA,” Jim Purcell, executive director of the Alabama Commission on Higher Education, told Alabama Daily News.

USA TODAY · 9h · on MSN

For low-income students, FAFSA can be a lifeline. When it didn't work, they were hardest hit.

USA TODAY's analysis shows a sharper drop in processed applications among low-income schools compared to their high-income ...



USA TODAY · 6d · on MSN

Biden administration launches review of office overseeing FAFSA, student loans

The agency said Thursday it has hired an independent consulting firm to make recommendations about how to improve the Federal ...



RT The Highland County Press · 7h · OPINION

Biden's FAFSA fiasco

Families rely on this aid to afford higher education. President Biden's Department of Education promised an improved FAFSA ...



Colorado Public Radio · 3d

After a spring of FAFSA issues for college-bound students, counselors worry about a 'summer melt'

Many students across the country are heading into the summer still figuring out their college future after a botched rollout ...



SJ Sun Journal · 10h

Don't give up on FAFSA ... your future

The rocky rollout of the new Free Application for Federal Student Aid (FAFSA) could be “catastrophic” to the college enrollment of America's high school Class of 2024, higher education experts ...

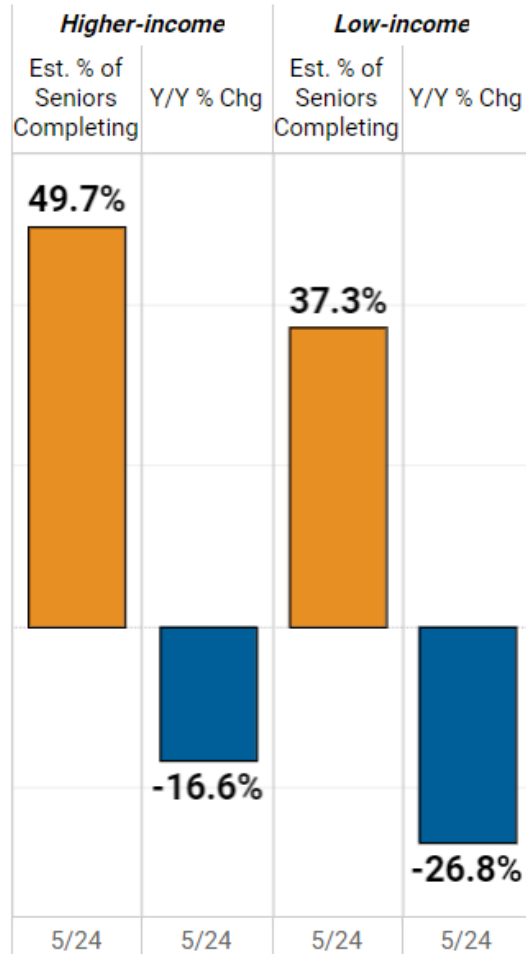


For low-income students, FAFSA can be a lifeline. When it didn't work, they were hardest hit.

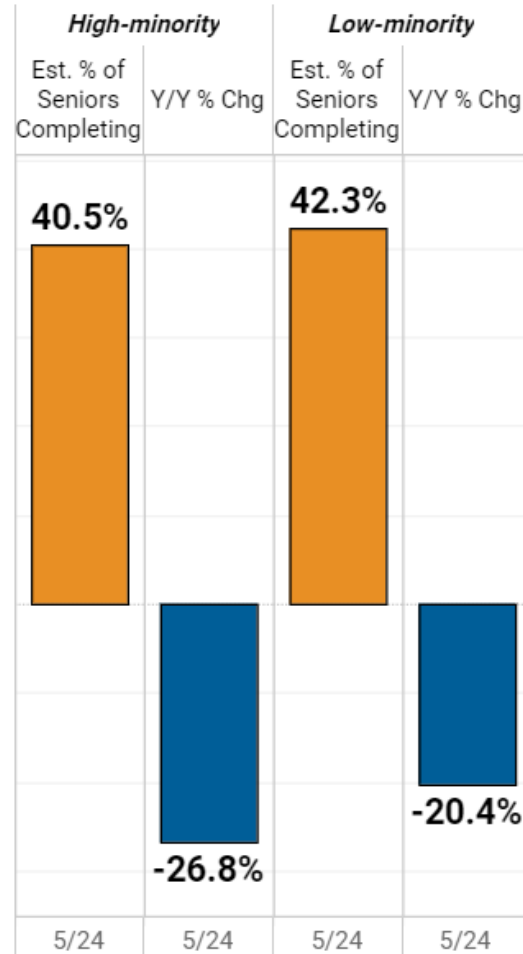
USA TODAY's analysis shows a sharper drop in processed applications among low-income schools compared to their high-income ...



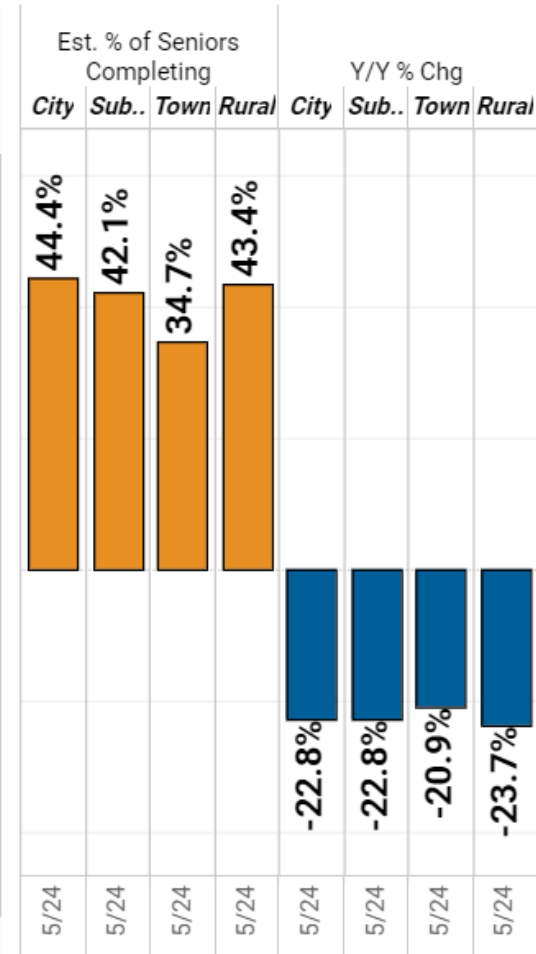
By School Income Level



By Percent of Students of Color



By Geographic Locale

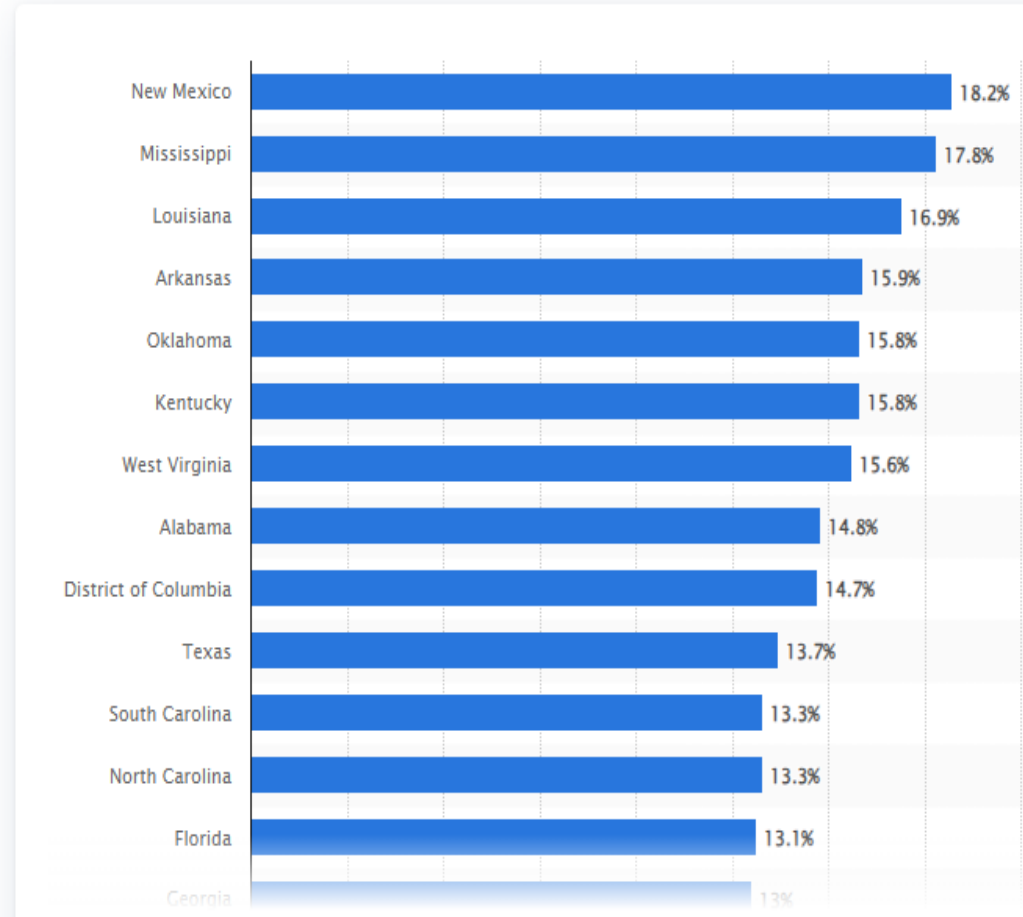


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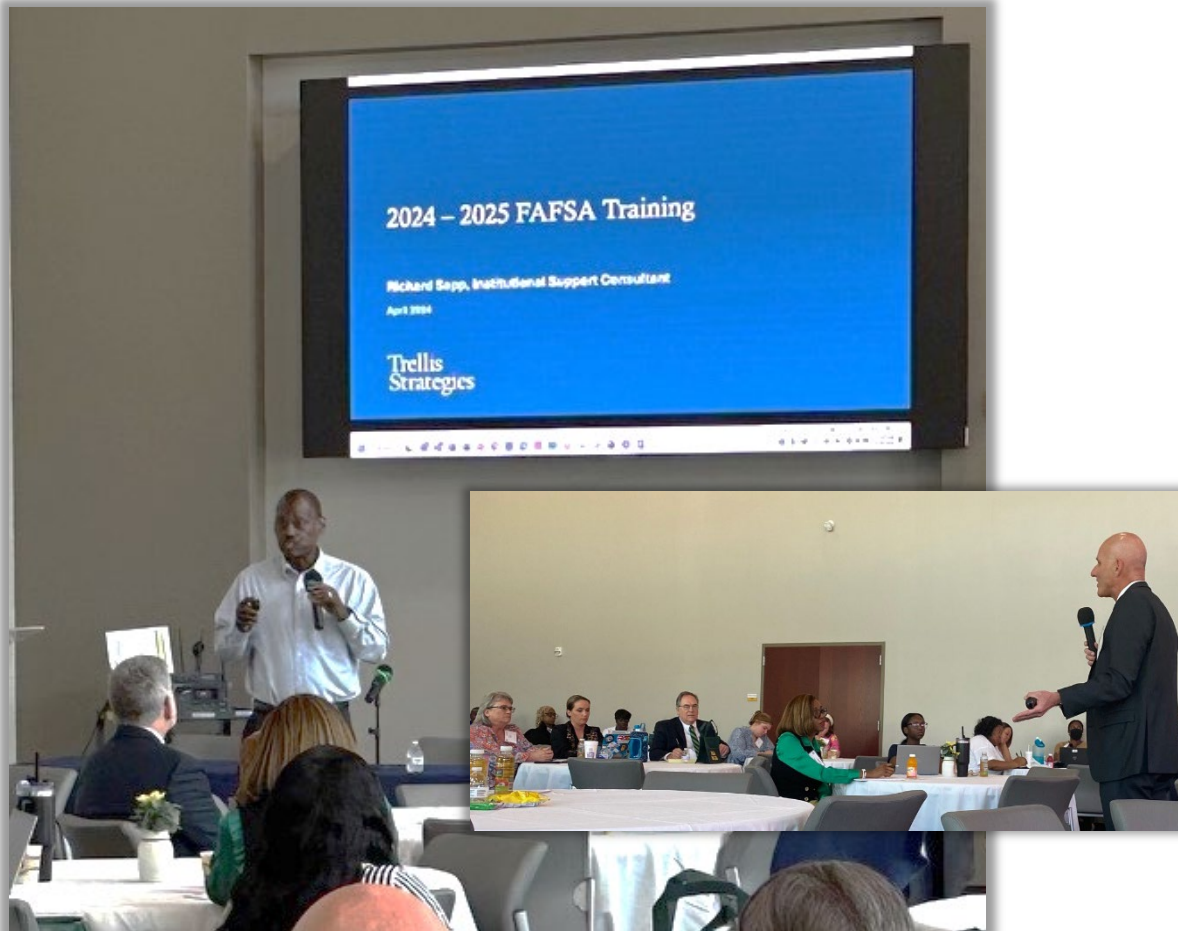
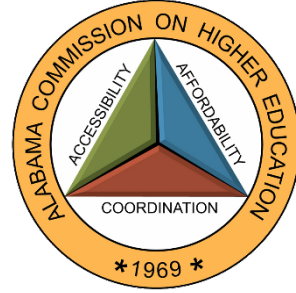
USA TODAY's analysis shows a sharper drop in processed applications among low-income schools compared to their high-income ...



Poverty rate in the United States in 2022, by state



New York	36	-16.1%
Montana	37	-16.2%
Arkansas	38	-16.3%
Louisiana	39	-16.3%
Nebraska	40	-16.4%
Kansas	41	-16.5%
Nevada	42	-16.6%
Kentucky	43	-16.9%
Maine	44	-17.4%
Arizona	45	-17.8%
Florida	46	-18.3%
Oklahoma	47	-19.2%
Hawaii	48	-19.6%
New Mexico	49	-20.5%
West Virginia	50	-21.7%
Mississippi	51	-22.2%
Alabama	52	-22.2%



- Emailed all 48,000 public school seniors about the FAFSA
- Contacted counselors and career coaches about ACHE resources to help inform them of their students' FAFSA progress
- Worked with ALSDE to keep senior emails active until the end of the summer to continue direct email communications
- Giving students who have not filled out the FAFSA or have errors to opt in to additional phone or text support
- Giving institutions an opportunity to work with Trellis that can support existing students with their FAFSA completion



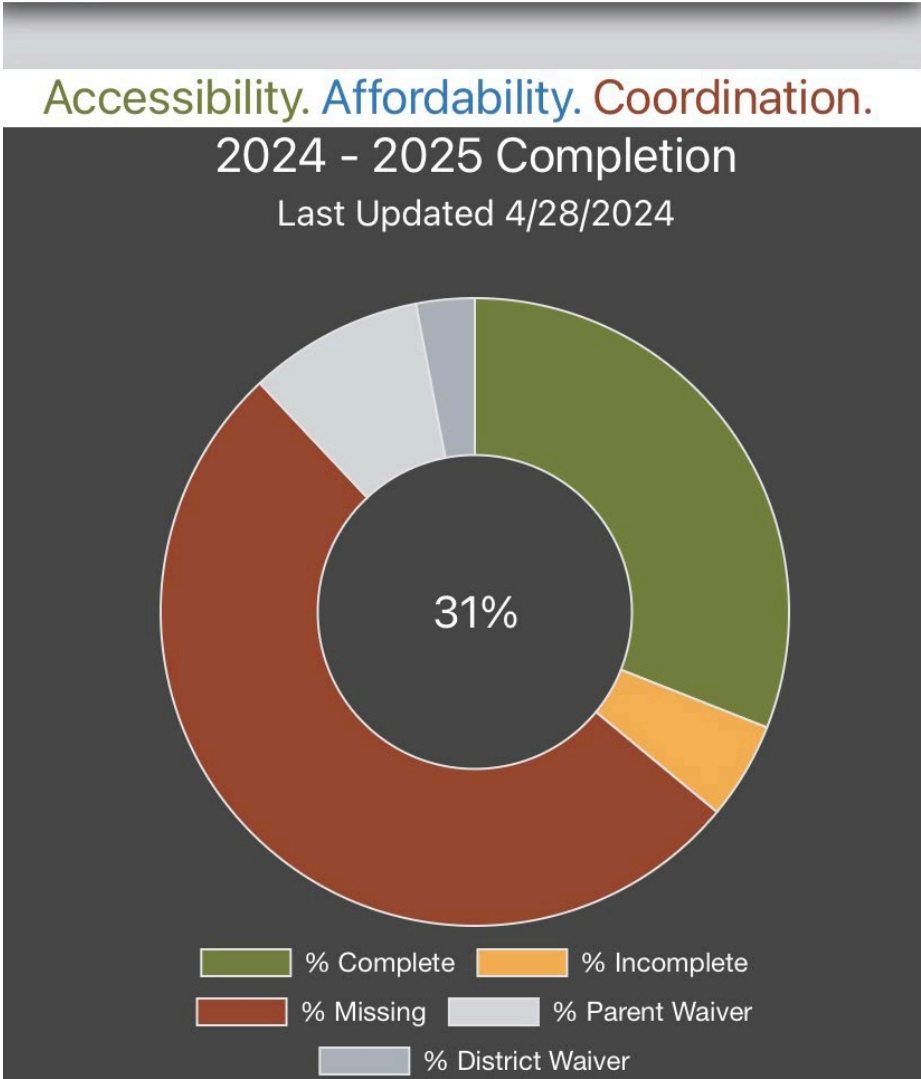
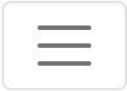
State Rankings: Percent of Seniors Completing FAFSA & Year-Over-Year Percent Change in FAFSA Completion (as of April 12, 2024)

State	Rank	% of Seniors Completing FAFSA	State	Rank	Year-Over-Year % Change in FAFSA
Connecticut	1	37.7	Indiana	1	-23.4
Tennessee	2	37.6	New Hampshire	2	-26.6
Washington, D.C.	3	37.1	North Dakota	3	-27.8
Louisiana	4	36.2	Ohio	4	-28.6
Massachusetts	5	35.8	Iowa	5	-30.3
Illinois	6	35.8	Virginia	6	-30.3
Rhode Island	7	35.2	Minnesota	7	-30.4
New Jersey	8	34.8	Utah	8	-30.5
Delaware	9	34.5	Missouri	9	-30.5
New Hampshire	10	34.2	Oregon	10	-30.6
Alabama	28 ¹	28.3 ¹	Alabama	52 ²	-41.9

¹Last year Alabama was ranked 11th nationally with a 63.6% completion rate.



FAFSA Completion



Accessibility. Affordability. Coordination.

2024 - 2025 Completion

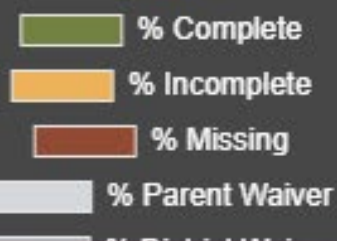
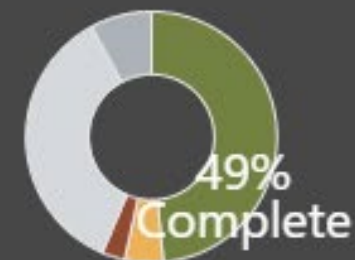
Last Updated 6/13/2024



Students
& Families

Educators

Data
& Graphs



Cohorts
48,832

Complete
49%
Total: 24,159

Incomplete
1%
Total: 659

Parent Waiver
35%
Total: 17,334

District
Waiver
8%
Total: 3,757

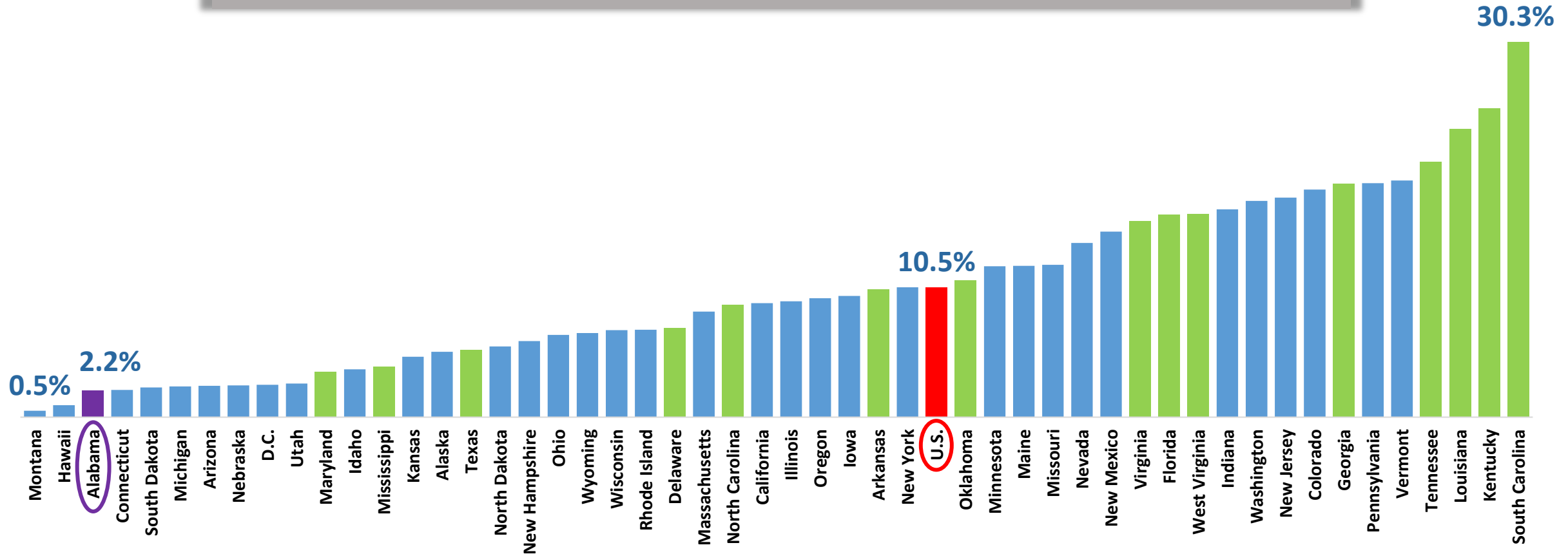
Missing
6%
Total: 2,923

Comparison of States' Funding for Public Higher Education



Percentage of Alabama's Higher Education Appropriation Used for Financial Aid, FY 2023

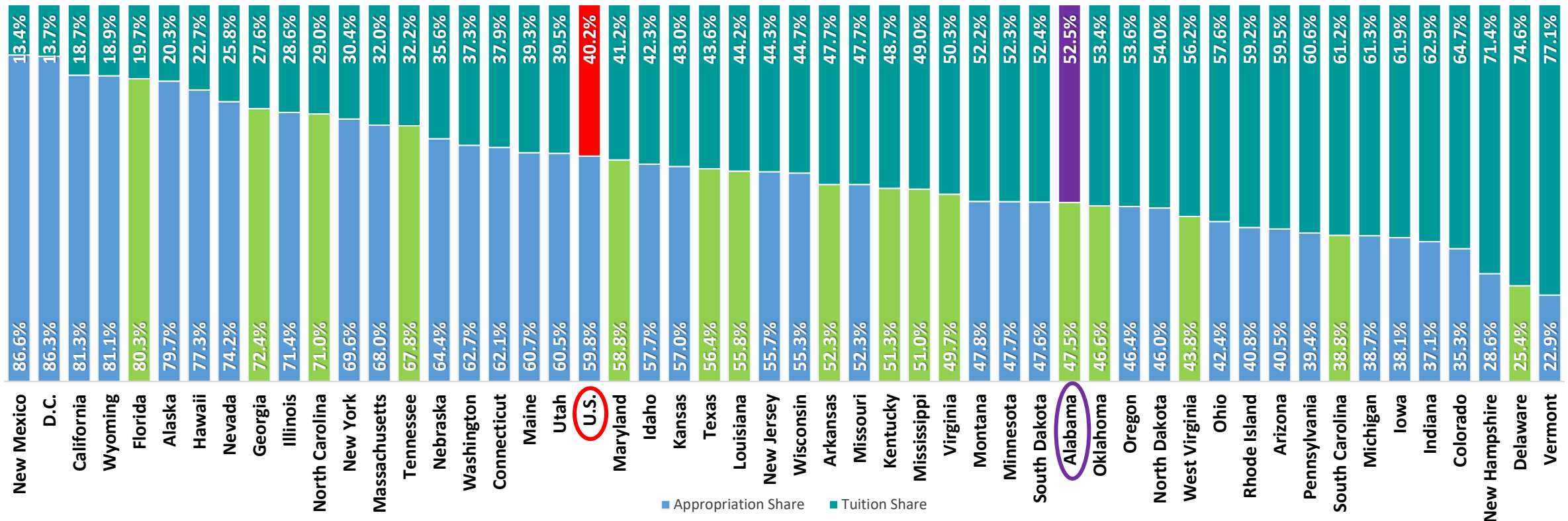
Alabama appropriates a smaller percentage of its state higher education funding for financial aid than any other SREB state.



Percentage of Education Appropriations*

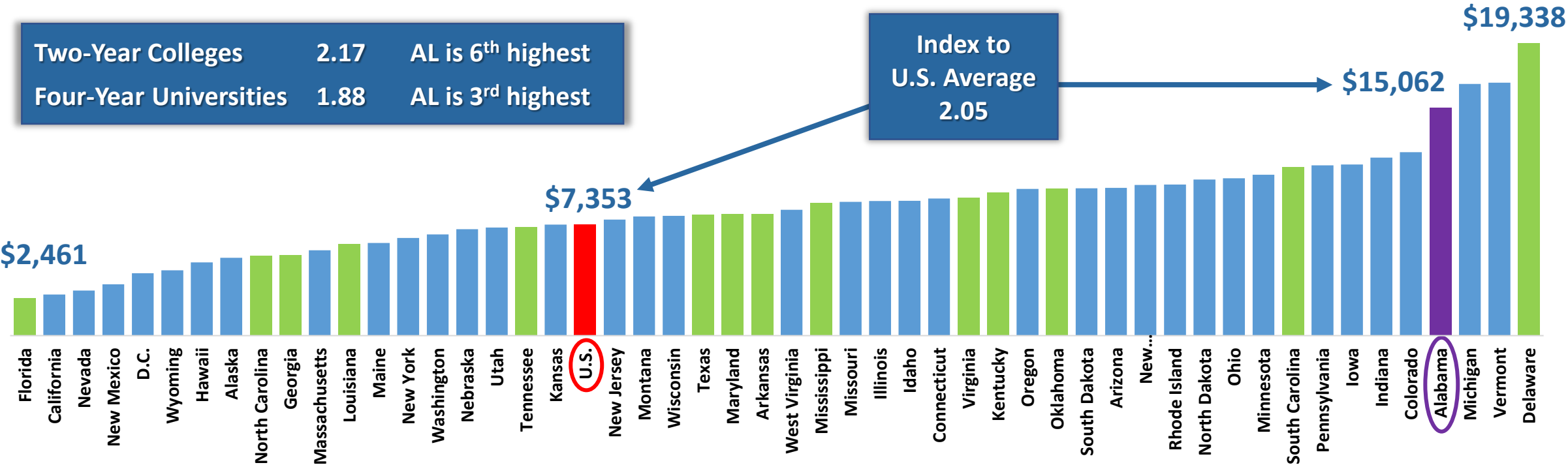
Compared to Tuition Revenue, FY 2023

In Alabama, the tuition share (students' portion) equates to over half of the revenue per FTE.



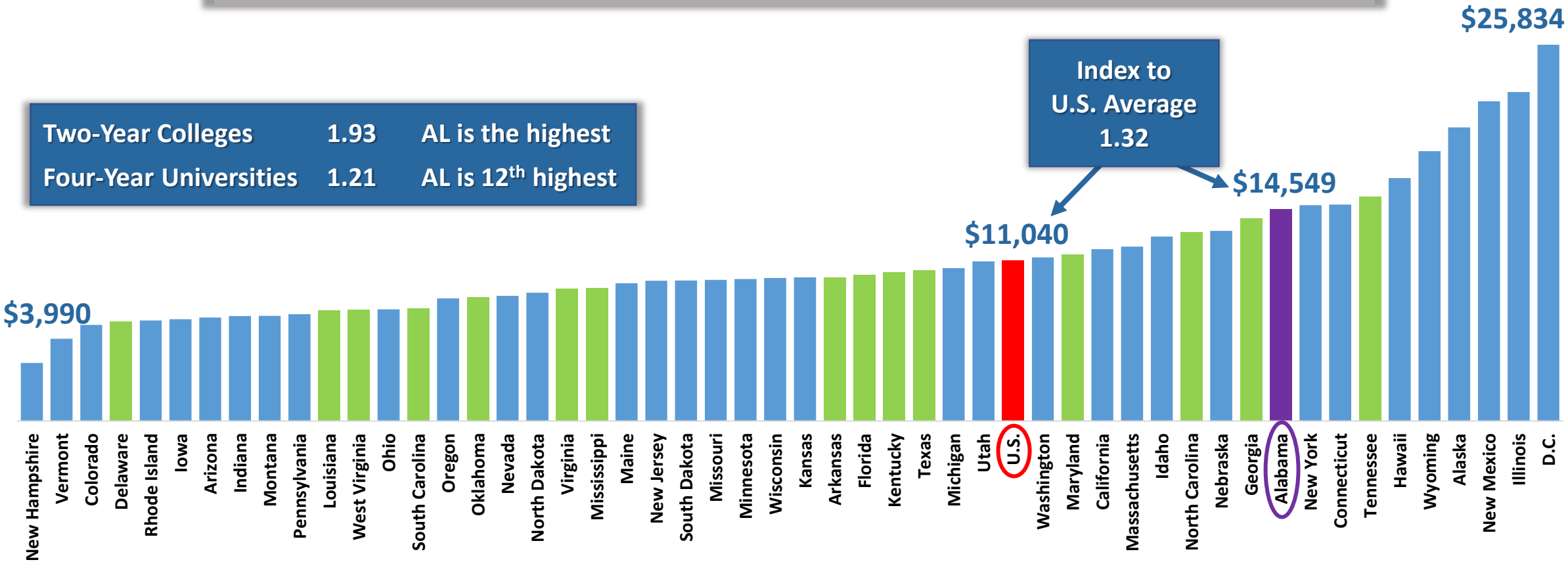
Public Higher Education Net Tuition Revenue per FTE by State, FY 2023 (Adjusted)

Alabama's net tuition per FTE is the fourth highest in the country.



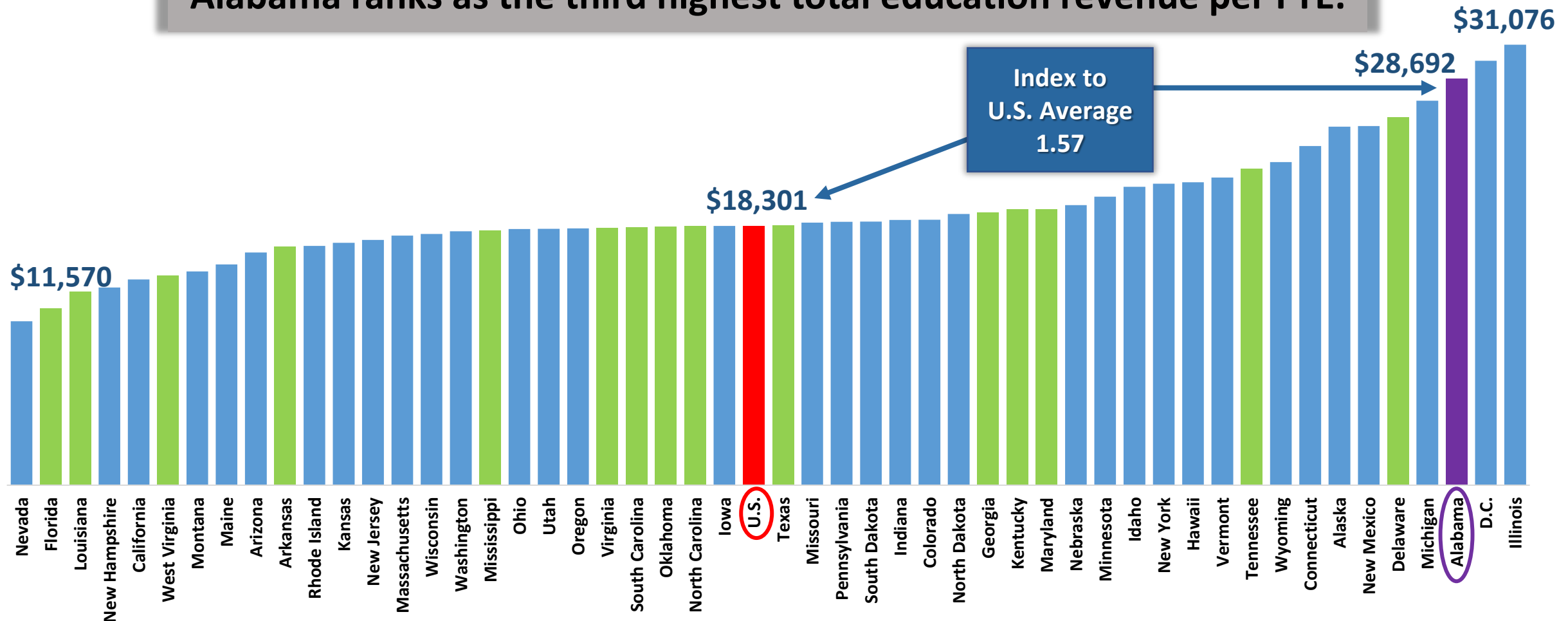
Public Higher Education Appropriations per FTE by State, FY 2023 (Adjusted)

Tennessee, Alabama, Georgia, North Carolina, and Maryland
appropriate more per FTE than the national average.

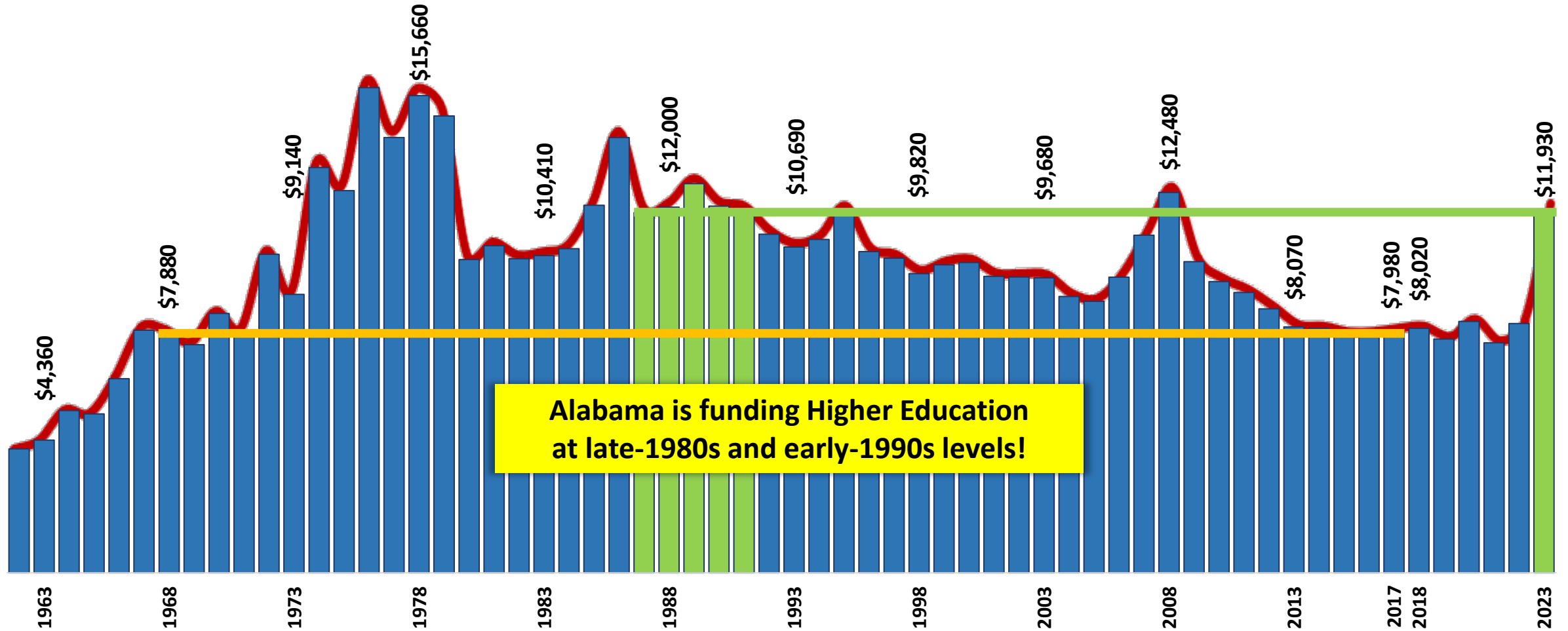


Public Higher Education Total Education Revenue per FTE by State, FY 2023 (Adjusted)

Alabama ranks as the third highest total education revenue per FTE.



Alabama's Fiscal Support for Higher Education per \$1,000 of Personal Income Fiscal Years 1962-2023

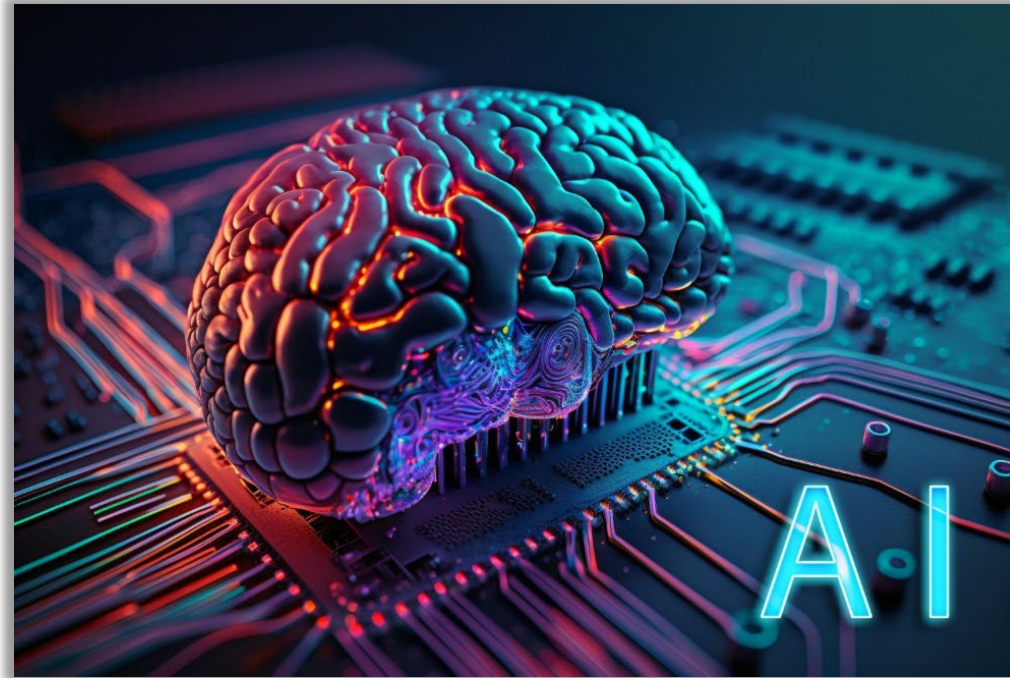


Current Support Levels on Par with Support Levels from Late-1980s and Early-1990s

VII. DISCUSSION ITEMS



Artificial Intelligence



presented by
Dr. Stephanie C. Dolan

Tomorrow's Transformations: AI, the Future Workforce, and Higher Education

- Explore the rapidly evolving concept of Artificial Intelligence (AI)
- Discover how AI is transforming industries, redefining future workforce, and creating new opportunities as well as challenges
- Share information about Alabama's higher education AI grants and convenings



What is Artificial Intelligence?

Artificial Intelligence (AI) refers to the ability of machines and computer systems to mimic human intelligence and perform tasks that typically require human cognition, such as learning, problem-solving, and decision-making.

- **Traditional AI** excels at analyzing data and performing specific tasks.
- **Generative AI** focuses on creating new content, such as images, text, and music.

Traditional and Generative AI are not mutually exclusive as they can support each other.



Traditional AI vs Generative AI

Characteristic	Traditional AI	Generative AI
Objective	Perform tasks based on predefined rules and existing patterns	Create new data
Strengths	Efficient, interpretable, and good at specific task-solving	Creative, innovative, handles uncertainty, novel applications
Weaknesses	Can be less creative and innovative, not as good at handling uncertainty	Not as good at pattern recognition and task-specific problem-solving as traditional AI systems



Emerging AI-Driven Industries by 2030



Healthcare

AI is revolutionizing medical diagnosis, drug discovery, and personalized treatment plans, leading to more efficient and accurate healthcare.



Finance

AI-powered financial modeling, fraud detection, and investment optimization are transforming the banking and fintech sectors.



Robotics

Advancements in AI are enabling the development of more intelligent and autonomous robots for manufacturing, logistics, and service industries.



Sustainability

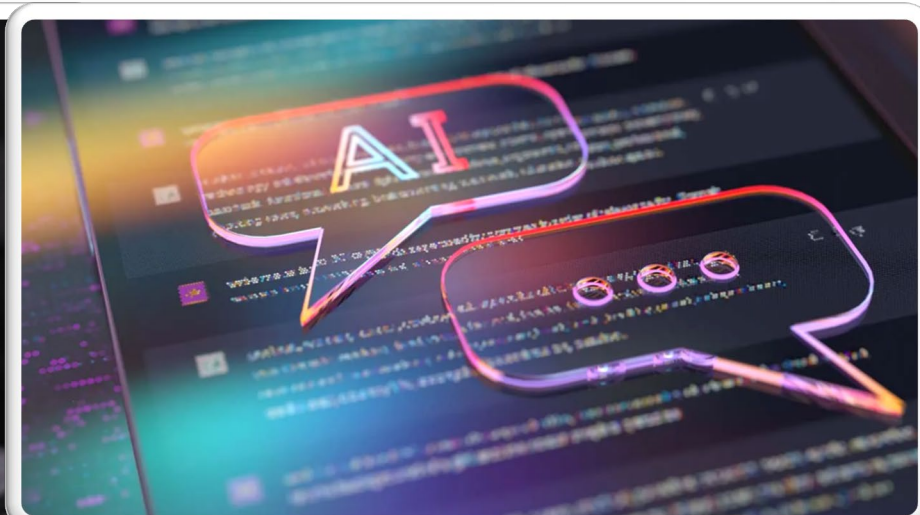
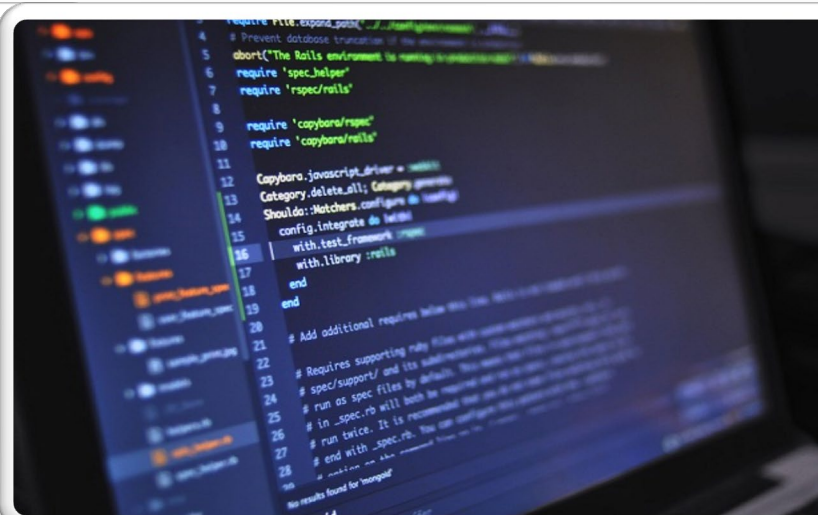
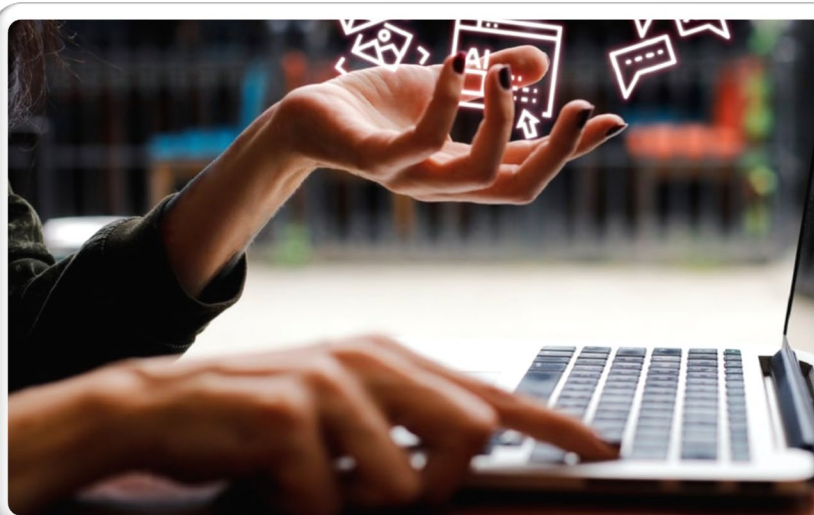
AI is being utilized to optimize energy consumption, enhance environmental monitoring, and develop sustainable solutions for a greener future.

Worried About Losing Your Job to AI?

by Breck Dumas, FOX Business, May 13, 2024

The **2024 Work Trend Index Annual Report (May 8, 2024)** released by **Microsoft** and **LinkedIn** found that 45% of knowledge workers across the world are concerned that AI will replace them at their place of work.

Laurence Liew, Director for AI Innovation at AI Singapore, stated employees should not be concerned about AI replacing them but rather being replaced by “...someone who uses **AI to outperform you.**”



The Skills Gap and the Future of Workforce

As AI and automation reshape industries, a substantial skills gap is emerging. Many workers do not possess the skills required to succeed in the AI-driven job market of the future. Closing this gap through education for upskilling and reskilling the employees of AI impacted programs will be essential to ensure not only a smooth transition but also to empower the workforce.

Emerging Skills

Data analysis, machine learning, coding, critical thinking, creativity, digital literacy

Upskilling and Reskilling Efforts

Online courses, apprenticeship programs, lifelong learning initiatives, employer-sponsored training



AI is Already in the Workplace

2024 Work Trend Index Annual Report (May 8, 2024) reported the following:

- **66%** of leaders indicate they would not hire a person without AI skills
 - **71%** would rather hire a less experienced candidate with AI skills than one with more experience without AI skills

However, these leaders who acknowledge the value of employees with AI skills are not developing and training their own people:

- **45%** are not currently investing in AI tools or products for employees
- Only **39%** of employees who use AI at work received AI training from their employers
- Only **25%** of companies are planning to offer training on Generative AI in 2024

Generative AI and the Future of Work in the U.S.

McKinsey Global Institute (July 26, 2023) reported the following:

- By 2030, **12 million** more occupational transitions may be required as people leave declining lines of work and economy moves toward higher-wage jobs.
- Lower-wage-job employees are more likely to need to change occupations up to **14 times** than those in the higher-wage jobs and will need additional skill sets to do so successfully.
- U.S. will require workforce development on a larger scale along with additional extensive hiring methods from employers, such as...
 - Hire based on skills and competencies rather than formal qualifications;
 - Recruit from underrepresented groups, including rural workers and individuals with disabilities; and
 - Provide training that adapts to the company's changing needs.

Generative AI and the Future of Work in the U.S.

Nexford University (January 9, 2024) reported the following:

- By the **mid-2030s**, AI could result in **30% of jobs becoming automated**, such as...
 - Customer service representatives, receptionists, bookkeepers, salespeople, research analysts, warehouse workers, and insurance underwriters
- Yet, many industries and career options should **not** be replaced by AI, such as...
 - Teachers, lawyers, judges, administration, HR managers, psychologists/psychiatrists, nurses/doctors/surgeons, computer system analysts, etc.
- Ways to **stay ahead of the AI era** in the workplace are to...
 - Embrace lifelong learning with the flexibility and willingness to change
 - Develop soft skills (AI has yet replicated human emotional intelligence and creativity)
 - Specialize one's skill set and knowledge

Significant Considerations of AI

Privacy and Data Protection

AI systems often require vast amounts of data, raising concerns about personal privacy and data security. Robust regulations and safeguards are necessary to ensure responsible data collection and usage.

Algorithmic Bias

AI models can perpetuate and amplify societal biases if not carefully designed. Addressing bias in the development and deployment of AI is critical for fair and equitable decision-making practices.

Transparency and Explainability

As AI systems grow more complex, their decision-making processes can become less obvious. Ensuring transparency and explainability is essential for building trust and accountability.

Ethical Accountability

With AI systems making critical decisions, there is a need to establish clear ethical frameworks and guidelines to ensure AI is developed and used in a responsible and beneficial manner.

AI in AL Higher Education

Artificial Intelligence in Alabama Higher Education



Artificial Intelligence in Alabama Higher Education



March 1, 2024

Hosted by The University of Alabama in Huntsville



AI in AL Higher Education

In April, ACHE invited Alabama's 38 public postsecondary institutions to submit a proposal to the **AI Culture Grant** to foster an AI culture among their students and faculty.

Grants of up to **\$5,000** were awarded in support of various AI learning opportunities and implementation strategies by way of courses, internships, and work-based/experiential learning.

Each institution was allowed two proposals, and many institutions had to review several applications to select the institution's two submissions.



AI Culture Grants for 2024-2025



Auburn University, Dr. Asim Ali

Biggio Center for the Enhancement of Teaching and Learning: A Guide to AI Enhanced Learning OER

Auburn University, Dr. Vishalini Ramnath

Computer Science and Software Engineering - Two AI Application Courses

Jacksonville State University, Dr. Janet Bavonese and Dr.

Student Success Center and Office of IRE: Leveraging AI in Career Development

Jacksonville State University, Dr. Andrea Porter

JSU Department of English: EH 434 Writing with AI Course

Troy University, Dr. Shaoyang Liu

Department of Chemistry and Physics: Integrating AI into Spectrometric Analysis

Troy University, Dr. Richard Nokes

English Department: Business Communications and Ethics with Artificial Intelligence

University of Alabama, Dr. Yuan Li

Human-Centered Generative AI Application Design and Evaluation in Information Science and Technology Education

University of Alabama, Dr. Nicole Ruggiano

School of Social Work: Ethical AI Use in Social Work Practice for Students

University of South Alabama, Debra Chapman

School of Computing and Python Coding using AI

University of South Alabama, Dr. Pamela Moore

Generative AI Applications in the College of Education

University of West Alabama, Dr. Greg Jones

AI Applications and AI Course for Integrated Marketing Communications

University of West Alabama, Dr. Jerri Ward-Jackson

College of Education: Ethical AI Education

Bevill State Community College, Dr. Kim Eddy
AI Implementation to Nursing Program

Bevill State Community College, Linda McCarley
Computer Science: AI Applications Modules

Bishop State Community College, Franklin Boykin
AI Use in Academics via Office of Instructional Services

Coastal Alabama Community College, Jennifer Averitt
Computer Science: AI Course for Aerospace, Agriculture, Education, Hospitality/Tourism,
Manufacturing, and Medical Programs

Chattahoochee Valley Community College, Nanyail Smoke
Workforce Development and Technical Education, Workforce Training Center: AI Certification Program

Lawson State Community College, Dr. Joye Jones
AI in Media Production Program of Career Technical Education Division

Lawson State Community College, Dr. Shawanda Thomas
The STEM Center of Excellence: AI Collaboration with STEM Faculty and Business/Industry Partners



SAVE THE DATES

ALABAMA
HIGHER
EDUCATION

ai
Exchange

OCTOBER 10 & 11

PRE-CONFERENCE PROFESSIONAL
DEVELOPMENT EVENTS ON
THURSDAY OCTOBER 10, 2024



AUBURN

AI in Alabama

By preparing the workforce of today with the necessary upskilling and reskilling efforts and the workforce of tomorrow with transparency and ethical accountability, the potential of Artificial Intelligence can be unlocked to effectively drive innovation throughout Alabama.



VIII. DECISION ITEMS



A. Academic Programs

*Staff Presenters: Dr. Robin McGill
and Ms. Kristan White*



FOUR-YEAR INSTITUTIONS



Athens State University



1. Bachelor of Arts in Music Industry Studies (CIP 50.1099)

- The BA in Music Industry Studies will provide a baccalaureate pathway for music programs offered by Calhoun Community College, which is Athens State University's top feeder institution.
- The program will be delivered at the Alabama Center for the Arts in Decatur, a state-of-the-art facility that offers approximately 45,000 square feet of performing arts space, in partnership with Calhoun Community College.



Motion, Decision Item A-1:

That the Commission approve Athens State University's proposal to offer a Bachelor of Arts in Music Industry Studies.

2. Doctor of Philosophy in Criminology (CIP 45.0401)

- While there are currently several master's level programs in Criminal Justice, Criminology, or related fields, there is currently no doctoral option that would allow students to further their education to the doctoral level in this field.
- The program will prepare graduates for employment in academia and in policy and research organizations focused on criminal justice.
- The proposal is accompanied by letters of support from the Alabama Bureau of Pardons and Paroles and the Alabama Appleseed Center for Law and Justice, both attesting to the need for additional professionals with advanced training in Criminology and related fields.



Motion, Decision Item A-2:

That the Commission approve Troy University's proposal to offer a Doctor of Philosophy in Criminology.

3. Master of Science in Artificial Intelligence in Medicine (CIP 11.0102)

- The proposed MS in Artificial Intelligence in Medicine will be among the first to offer a curriculum that will provide strong foundations of artificial intelligence (AI), a comprehensive understanding of existing AI applications for clinical care, design, and integration of AI in health care settings.
- The global AI in healthcare market size is expected to rise to \$12.2 billion by 2030, and health science practitioners are increasingly working with AI and must be prepared to have data proficiency and work with rapid advances of this technology. The proposed program will position UAB as a leader in this industry.



Motion, Decision Item A-3:

That the Commission approve University of Alabama at Birmingham's proposal to offer a Master of Science in Artificial Intelligence in Medicine.

4. Master of Education in Special Education (CIP 13.1001)

- Special education teachers are essential for supporting students with disabilities and diverse learning needs. By offering an MEd in this field, UM will be able to meet the educational needs of a wide range of students and ensure that they receive appropriate support and instruction.
- UM has previously offered master's programs leading to Class A educator certification in Collaborative Special Education teaching fields, and the proposed program would revise the curriculum to align with new standards for educator preparation established by the Alabama State Department of Education (ALSDE).

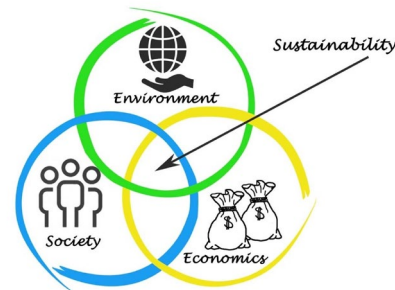


Motion, Decision Item A-4:

That the Commission approve University of Montevallo's proposal to offer a Master of Education in Special Education.

5a. Doctor of Philosophy in Environment and Society (CIP 03.0103)

- Through its transdisciplinary environmental and social sciences approach, the proposed program will allow USA to advance research that will directly benefit the communities and ecosystems along the Gulf Coast.
- The program will prepare graduates for employment as Environmental Scientists and Specialists (included on the Statewide In-Demand List) and Postsecondary Environmental Science Teachers.
- The proposal is accompanied by nine letters of support including The Nature Conservancy; NOAA Southeast Fisheries Science Center; Smithsonian Environmental Research Center; and Alabama Department of Conservation & Natural Resources.

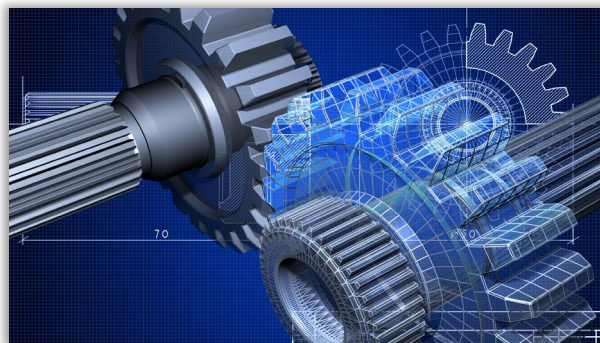


Motion, Decision Item A-5a:

That the Commission approve University of South Alabama's proposal to offer a Doctor of Philosophy in Environment and Society.

5b. Bachelor of Science in Mechanical Engineering – Aerospace Engineering (CIP 14.1901) – Substantive Modification

- USA is proposing to modify the Bachelor of Science in Mechanical Engineering at CIP 14.1901 to separate the undergraduate track in Aerospace Engineering and create a standalone Bachelor of Science in Aerospace Engineering at **CIP 14.0201**.
- USA began offering the Aerospace Engineering Track in its BS in Mechanical Engineering in AY 2019-20, along with a Biomedical Engineering Track. Under the proposed modification, students currently enrolled in the Aerospace Engineering Track may choose to complete the BS in Mechanical Engineering or switch to the new BS in Aerospace Engineering, which will include more aerospace-focused coursework.



Motion, Decision Item A-5b:

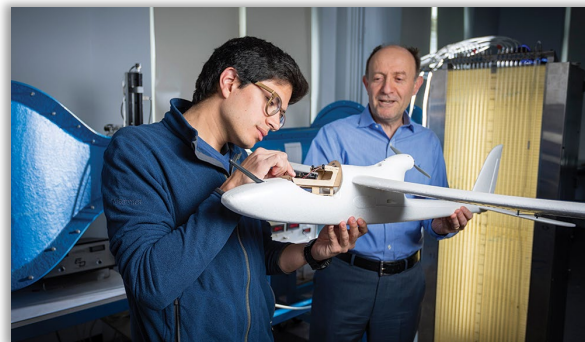
That the Commission approve University of South Alabama's request for a substantive modification to the existing Bachelor of Science in Mechanical Engineering – Aerospace Engineering.

Request to Amend Post-Implementation Conditions

6. University of Alabama in Huntsville, Doctor of Philosophy in Aerospace Systems Engineering (CIP 14.0201) – Extension Requested



- The University of Alabama Huntsville (UAH) received Commission approval to offer the PhD in Aerospace Systems Engineering (CIP 14.0201), along with the related MS in Aerospace Systems Engineering, on March 11, 2011. The program was implemented as planned in Fall 2011 and produced its first graduate in AY 2014-15. The program has not met the required post-implementation condition for graduates.
- UAH has requested an extension of the post-implementation period for two additional years (AY 2023-24 and AY 2024-25) to produce enough graduates to meet the viability standard. ACHE staff is recommending approval of the request.



Motion, Decision Item A-6:

That the Commission approve University of Alabama in Huntsville,
Doctor of Philosophy in Aerospace Systems Engineering
(CIP 14.0201) extension request.



ALABAMA COMMUNITY COLLEGE SYSTEM



Bishop State

COASTAL ALABAMA
COMMUNITY COLLEGE



Central Alabama
Community College



ENTERPRISE STATE
COMMUNITY COLLEGE

GADSDEN STATE
COMMUNITY COLLEGE



Jefferson State
Community College

Lawson State
COMMUNITY COLLEGE

LBW
Lurleen B. Wallace
Community College



SHELTON STATE
COMMUNITY COLLEGE



SOUTHERN UNION
STATE COMMUNITY COLLEGE

Trenholm State
COMMUNITY COLLEGE



Bevill State Community College



7. Associate of Applied Science in Facility Maintenance Technician (CIP 15.0612)

- The proposed AAS in Facility Maintenance Technician is designed to prepare graduates for employment in occupations on the Statewide In-Demand Occupations List, such as Industrial Machinery Mechanics, and Maintenance and repair workers.
- The new program will require minimal funds to implement by utilizing existing resources and faculty from the College's other career technical programs.



Motion, Decision Item A-7:

That the Commission approve Bevill State Community College's proposal to offer an Associate of Applied Science in Facility Maintenance Technician.

-



Motion, Decision Item A-8a:

That the Commission approve Calhoun Community College's proposal to offer an Associate of Applied Science in Social Work Technology.

Calhoun Community College

8b. Associate of Applied Science in Aviation Airframe Technology (CIP 47.0607)

- The proposed AAS in Airframe Aviation Technology is designed to prepare graduates for employment as Aircraft Mechanics and Service Technicians, which are included on the 2022-2023 Statewide and Region 1 Demand Occupations Lists.
- The College has partnered with Pryor Field Regional Airport to repurpose an existing hangar as lab space for the program. The facility, which is immediately adjacent to the campus, is being upgraded to ensure that the program meets all requirements for certification through the Federal Aviation Administration (FAA).



Motion, Decision Item A-8b:

That the Commission approve Calhoun Community College's proposal to offer an Associate of Applied Science in Aviation Airframe Technology.

Calhoun Community College

8c. Associate of Applied Science in Aviation Powerplant Technology (CIP 47.0608)

- The proposed AAS in Airframe Aviation Technology is designed to prepare graduates for employment as Aircraft Mechanics and Service Technicians, which are included on the 2022-2023 Statewide and Region 1 Demand Occupations Lists.
- The College has partnered with Pryor Field Regional Airport to repurpose an existing hangar as lab space for the program. The facility, which is immediately adjacent to the campus, is being upgraded to ensure that the program meets all requirements for certification through the Federal Aviation Administration (FAA).



Motion, Decision Item A-8c:

That the Commission approve Calhoun Community College's proposal to offer an Associate of Applied Science in Aviation Powerplant Technology.

Enterprise State Community College

9a. Associate of Applied Science and Certificate in Automotive Technology (CIP 47.0604)

- The proposed AAS and Certificate in Automotive Technology are designed to prepare graduates for employment as Automotive Service Technicians and Mechanics, which are included on the 2023-24 Statewide In-Demand Occupations List.
- This proposal includes letters of support from local employers attesting to the strength of the program.



Motion, Decision Item A-9a:

That the Commission approve Enterprise State Community College's proposal to offer an Associate of Applied Science and Certificate in Automotive Technology.

Enterprise State Community College

9b. Associate of Applied Science and Certificate in Welding (CIP 48.0508)

- The proposed AAS in Welding is designed to prepare graduates for employment in occupations on the Statewide In-Demand Occupations List, such as welders, cutters, solderers, and brazers.
- This proposal includes letters of support from local business and industry leaders attesting to the strength of the program: Dorsey Trailer, ALFAB, Inc., and Utility Trailer Manufacturing Company.



Motion, Decision Item A-9b:

That the Commission approve Enterprise State Community College's proposal to offer an Associate of Applied Science and Certificate in Welding.



B. Information Items

1. Extensions/Alterations to Existing Programs of Instruction
 - a. Implementation of Non-Degree Certificate Programs
 - b. Changes to the Academic Program Inventory
 - c. Curricular Modifications to Existing Degree Programs
2. Updates to Academic Units
3. Implementation of Distance Education Programs
4. Annual Off-Campus Site Reports for Academic Year 2022-2023

B. Information Items



5. New Exempt Off-Campus Sites
 - a. Central Alabama Community College: Talladega High School Career Technical Center
 - b. Chattahoochee Valley Community College: East Alabama Medical Center
 - c. Snead State Community College: Snead State Workforce and Career Institute
 - d. Jacksonville State University: Southside High School
 - e. Jacksonville State University: Lincoln High School
 - f. Jacksonville State University: Sylacauga High School
 - g. Alabama State University: Loveless Academic Magnet Program High School
6. Summary of Post-Implementation Reports

6. Summary of Post-Implementation Reports

a. Programs that Met Post-Implementation Conditions

■ Two-Year Institutions

- Gadsden State Community College, Associate of Applied Science Diagnostic Medical Sonography (CIP 51.0910)
- Lawson State Community College, Associate of Applied Science and Certificate in Automotive Manufacturing Technology (CIP 15.0613)
- Lurleen B. Wallace Community College, Associate of Applied Science in Diesel and Heavy Equipment Mechanics (CIP 47.0605)
- Shelton State Community College, Associate of Applied Science and Certificate in Culinary Arts (CIP 12.0503)
- Shelton State Community College, Associate of Applied Science and Certificate in Health Information Technology (CIP 51.0707)

6. Summary of Post-Implementation Reports

a. Programs that Met Post-Implementation Conditions

■ Two-Year Institutions

- Trenholm State Community College, Associate of Applied Science and Certificate in Automotive Manufacturing Technology (CIP 15.0613)
- Wallace State Community College - Hanceville, Associate of Applied Science in Engineering Technology (CIP 15.0000)
- Wallace State Community College - Hanceville, Associate of Applied Science in General Technology (CIP 47.0000)

6. Summary of Post-Implementation Reports

a. Programs that Met Post-Implementation Conditions

■ Four-Year Institutions

- University of Alabama at Birmingham, Master of Science in Computer Forensics and Security Management (Cyber Security) (CIP 11.1003)
- University of Alabama at Birmingham, Master of Arts in Education in Reading (CIP 13.1315)
- University of Alabama at Birmingham, Bachelor of Science in Biomedical Sciences (CIP 26.0102)
- University of Alabama at Birmingham, Bachelor of Science in Genetics and Genomic Sciences (CIP 26.0801)
- University of Alabama at Birmingham, Master of Science in Biotechnology (CIP 26.1201)

6. Summary of Post-Implementation Reports

a. Programs that Met Post-Implementation Conditions

■ Four-Year Institutions

- University of Alabama at Birmingham, Master of Arts in Anthropology of Peace and Human Rights (CIP 45.0299)
- University of Alabama at Birmingham, Bachelor of Fine Arts in Musical Theatre (CIP 50.0509)
- University of Alabama at Birmingham, Master of Science in Nuclear Medicine and Molecular Imaging Sciences (CIP 51.0905)
- University of Alabama at Birmingham, Master of Social Work in Clinical/Medical Social Work (CIP 51.1503)
- University of Alabama at Birmingham, Bachelor of Science in Public Health (CIP 51.2201)

6. Summary of Post-Implementation Reports

a. Programs that Met Post-Implementation Conditions

■ Four-Year Institutions

- University of Alabama at Birmingham, Doctor of Philosophy in Rehabilitation Science (CIP 51.2399)
- University of Alabama at Birmingham, Master of Science in Management Information Systems (CIP 52.1201)
- University of Alabama in Huntsville, Master of Science in Cybersecurity (Information Assurance and Security) (CIP 11.1003)

6. Summary of Post-Implementation Reports

b. Programs that **Did Not Meet** Post-Implementation Conditions Extension Requested

■ **Four-Year Institutions**

- University of Alabama in Huntsville, Doctor of Philosophy in Aerospace Systems Engineering (CIP 14.0201)

Motion, Decision Item B:

That the Commission accept the Information Items as presented.

C. ADJOURNMENT

