Thursday, August 28, 2025

Check-In/Continental Breakfast

8:00 a.m. – 9:00 a.m. Pre-function Foyer

Plenary I

Podium Talks- Oak I

9:00 a.m. - 11:00am

Podium Talk Oak I: 9:20 a.m. - Intergenerational Learning in the Classroom and In the Community

Caroline Gebhard - Community Partner, OLLI

Dr. Elijah Gaddis – Faculty, History, College of Liberal Arts

Dr. Kyle L. Kostelecky - Faculty, Human Development and Family Science, College of Human Sciences

Jennifer Morse - Outreach and Communications Administrator, Office of Sustainability

The work of learning and teaching can flourish in unexpected contexts. Classes and programs that incorporate multiple generations of learners help to cultivate curiosity, build community and establish lifelong learning as a core value. But Auburn and other universities are rarely equipped to support and encourage inclusive learning across generational gaps. This group presentation will serve as a reflection on and provocation toward more intergenerational learning on the Auburn campus and in our communities.

This presentation will focus on practical approaches to and the results from more than five years of intergenerational learning programs in collaboration with the Osher Lifelong Learning Institute (OLLI) at Auburn University. Faculty, staff members, and OLLI volunteers will speak to the efficacy of pairing lifelong learners with undergraduate and graduate students at Auburn. Each of our presenters has been seeking to establish enduring intergenerational learning activities in collaboration with OLLI and other campus and community partners. Activities have included dual enrolled classes with lifelong learners and Auburn University students, intentional opportunities for intergenerational discussion and collaboration, field experiences and research projects, and a variety of other projects. Through a variety of ongoing efforts, we are learning about and seeking to implement approaches that will move Auburn toward being an age-friendly university.

Our group of presenters represent a variety of disciplinary perspectives and educational approaches. Each of us is part of a new working group on intergenerational learning at Auburn dedicated to expanding opportunities for intergenerational learning as a central piece of Auburn's outreach mission. We envision this presentation as the first in a series of conversations

and collaborations that will help form collaborations, expand access to learning, and make Auburn a place for lifelong learning and intergenerational collaboration.

Podium Talk Oak I: 9:40 a.m. - SOUND: Building Support for Sensory-Friendly Spaces

Dr. Morgan Yordy – Faculty, College of Nursing **Seth Perry** – Faculty, College of Nursing

Sensory processing is the brain's interpretation of our senses to determine the physical and/or emotional change required for response. Some persons may experience challenges relating to appropriate sensory processing, often seen in certain populations living with intellectual and developmental disabilities (IDD). This population often avoids social events due to stress produced by emotional dysregulation. Emotional dysregulation leads to fewer opportunities for interactions with others and is linked to decreased behavioral competence and social skills attainment during childhood development. SOUND: Building Support for Sensory-Friendly Spaces builds on existing outreach and service-learning opportunities to increase awareness and inclusion for persons experiencing sensory processing challenges. Additionally, SOUND is working to enhance learning opportunities for nursing students and grow meaningful community partnerships.

SOUND's objectives are to increase awareness and understanding of sensory processing challenges to enhance emotional regulation and inclusive spaces in community settings, increase understanding among undergraduate nursing students regarding sensory processing challenges, and strengthen and maintain sustainable community partnerships.

SOUND has developed age-appropriate community education programming concentrating on sensory processing challenges and methods to promote self-regulation and behavior management. In addition, student nurses will engage in these educational opportunities to enhance their awareness, knowledge and attitudes toward sensory processing challenges often experienced within the IDD population. This is a mixed-methods study focusing on program evaluation from the perspectives of the participants, students and community partners. Project leads will develop pre/post-training questions for non-minors geared toward knowledge surrounding the education offering and/or overall satisfaction with the community partnership, based on audience. Lastly, a validated 26-question survey developed by Nair and Geetha (2023) will evaluate nursing student awareness, knowledge and attitude about sensory processing and its associated disorders.

We anticipate nursing students' and program participants' awareness, knowledge, and attitude about sensory processing and comorbidities to increase and community partnerships strengthened.

Podium Talk Oak I: 10:00 a.m. - **Trust as the Foundation for University-Community Partnerships**

Dr. Hollie Cost - Faculty, University Outreach

Jim Doody - Community Partner, City of LaFayette **Rachel Snoddy** – County Extension Director, Chambers County, Alabama Cooperative Extension

This presentation explores the journey of establishing trust-based relationships between universities and communities as a precursor to launching collaborative initiatives. Using the Auburn University Rural Health Initiative (RHI) as a case study, it outlines a versatile, phased process model that emphasizes trust as the cornerstone of effective partnerships. While the model is centered on rural health, its principles are applicable to a wide range of community priorities.

Attendees will gain valuable insights into strategies for fostering trust and engagement, essential for creating impactful and sustainable collaborations. The presentation will provide practical tools, including conversation guides and assessment instruments, designed to enhance community partnerships. By focusing on trust-building, universities and communities can develop strong, mutually beneficial relationships that pave the way for successful collaborative efforts.

Podium Talk Oak I: 10:20 a.m. - Acting on Health: Applied Theater Interventions to Enhance Vaccine Confidence Among Older Adults

Dr. Salisa Westrick - Faculty, Health Outcomes Research and Policy, Harrison College of Pharmacy

Tessa Carr – Faculty, Theatre and Dance, College of Liberal Arts **Abdul-Khaliq Murtadha** - Faculty, Theatre and Dance, College of Liberal Arts

This interdisciplinary study between the Harrison College of Pharmacy, the College of Liberal Arts, and the Department of Theatre and Dance at Auburn University aims to address low immunization rates among older adults through an innovative theater-based intervention. Immunization rates among older adults are notably low, with influenza vaccination at 65%, pneumococcal at 60%, shingles at 34%, and tetanus at 20-30%.

Objective 1 involves developing a performance script informed by field research, with semistructured interviews conducted in Summer 2025 to gather insights into vaccination attitudes, barriers, facilitators, and personal stories. These interviews will inform the creation of a culturally sensitive and engaging script that addresses vaccine confidence and misconceptions.

Objective 2 assesses the effectiveness of the theater performance, implemented in three local community settings in Fall 2025. The program includes a 30-minute performance followed by a Q&A session with a clinical pharmacist. Pre- and post-performance assessments will measure changes in vaccine confidence and intentions to get vaccinated.

This project exemplifies a harmonious blend of arts and science to advance health in the community. By leveraging the creative power of theater and the scientific rigor of health outcomes research, the project aims to enhance vaccine confidence among older adults. The findings will support the expansion of this initiative to other under-vaccinated populations.

Podium Talk Oak I: 10:40 a.m. - Leveraging Community-Academic Partnerships to Develop and Implement a Safe Housing Pet Program at a Domestic Violence Emergency Shelter in East Alabama

Dr. Emma Lathan-Powell - Faculty, Department of Psychological Sciences, College of Liberal Arts

Dr. Phillip Moon - Faculty, Department of Clinical Sciences, College of Liberal Arts **Emily Lubin** - Graduate student, Department of Psychological Sciences, College of Liberal Arts College of Liberal Arts

Hailie Suarez-Rivas - Graduate student, Department of Psychological Sciences, College of Liberal Arts

Emma Carpenter - Undergraduate student, Department of Psychological Sciences, College of Liberal Arts

Dr. Brendan Bergquist - Faculty, Department of Clinical Sciences, College of Veterinary Medicine

Most pets/companion animals in homes with domestic violence (DV) are also abused, and many survivors delay leaving dangerous relationships or living situations due to concern for their pet(s). Yet, only 19% of DV emergency shelters have safe housing programs (SHPs) for pets, and even fewer allow victims to bring their pet(s) to the shelter. While all SHPs aim to reduce harm to survivors and pets, each program is tailored to the unique needs of the community and stakeholder capacity. To date, however, no studies have described the process of launching a DV shelter-based SHP. Using the Exploration, Preparation, Implementation, and Sustainment (EPIS) framework, the authors detail the development and implementation of the first SHP in East Alabama. During the Exploration phase, a newly established community-academic partnership identified the need for a SHP. A feasibility study was conducted to gauge acceptability, demand, and integration of a new DV shelter-based SHP among adult DV survivors with a recent history of residing in a shelter (n=65; Mage=36.2 years; SDage=10.1; 56.9% White). After reading a brief description of the proposed SHP, participants completed a survey assessing their perceptions of its feasibility. 78.6% of pet owners indicated they would have used the SHP if available at shelter entry, demonstrating high demand. In Preparation, the interdisciplinary team of stakeholders was expanded to include university-affiliated veterinarians to ensure adherence to standard-ofcare guidelines in shelter and program design and to develop strong connections with animal organizations in the community. Various decision points (i.e., organizational structure [i.e., housed at animal or DV organization], pet location [i.e., on-site at DV shelter or off-site boarding], and pet carer [i.e., volunteer, foster, owner]), program evaluation strategy, and lessons learned will be discussed to provide a model for other DV shelters considering Implementation of an onsite SHP and strategic community-academic victim service partnerships.

Plenary I

Podium Talks- Oak II

9:00 a.m. - 11:00 a.m.

Podium Talk Oak II: 9:00 a.m. - COACH in Action: Community Engagement to Prevent Substance Use Disorder

Dr. Anne Taylor - Faculty, COACH Center for Opioid Research, Education and Outreach, Harrison College of Pharmacy

Dr. Karen Marlowe - Faculty, COACH Center for Opioid Research, Education and Outreach

The opioid crisis has highlighted the critical need for early, community-based prevention strategies that target youth. In response, the Center for Opioid Research, Education, and Outreach (COACH) at Auburn University's Harrison College of Pharmacy developed a pharmacist-led initiative focused on drug prevention education for middle school students across Alabama. This outreach program aims to increase awareness of the dangers associated with prescription and illicit drug use while also promoting the pharmacist's role in community health and substance use prevention.

The program was implemented in a variety of school settings, including public, private, and magnet schools, and consisted of student assemblies, interactive workshops, and educational sessions for parents. Pharmacists delivered evidence-based, age-appropriate content and engaged students through activities designed to encourage healthy, drug-free choices. Educational sessions also provided exposure to the pharmacy profession, highlighting pharmacists as accessible and trusted healthcare providers.

This presentation will describe the development and structure of the program, including initial outreach, planning logistics, educational materials, and personnel requirements. It will also explore lessons learned from program implementation, alignment with school curricula, and feedback from participating schools and families. The initiative offers a scalable model for replication in a range of community settings, including schools, faith-based organizations, and civic groups. This work demonstrates the valuable role pharmacists can play in community-based prevention efforts and youth health education.

Podium Talk Oak II: 9:20 a.m. - Innovative Solutions to Food Insecurity in the US

Dr. Alicia Powers – Managing Director, Hunger Solutions Institute, College of Human Sciences
 Dr. Kara Newby – Outreach Programs Manager, Hunger Solutions Institute
 Sarah Grace Kashack - Outreach Programs Manager, Hunger Solutions Institute, College of Human Sciences

Dr. Sara González - Faculty, Department of Nutritional Sciences, College of Human Sciences

Hunger Solutions Institute (HSI) in the College of Human Sciences leverages collective efforts to promote development, adoption, and advancement of innovative best practices to address food and nutrition security. As an academic center on Auburn University's campus, HSI achieves this mission through teaching, research and outreach. Integration of teaching, research and outreach across activities is highly prioritized within three areas: Hunger and Healthy Food Access, Hunger and Higher Education, and Hunger and Food Systems. Activities within Hunger and Healthy Food Access include a statewide fruit and vegetable nutrition incentive program for Alabama, called Double Up Food Bucks Alabama. HSI also leads a national nutrition incentive program for healthy fluid milk called Add Milk. Both incentive programs seek to increase the purchase and consumption of healthy foods and beverages within households participating in the

Supplemental Nutrition Assistance Program. Activities within Hunger and Higher Education seek to foster collaboration, lead innovative research, and promote data-informed efforts to elevate systemic solutions for college student food insecurity at institutions of higher education. Activities within Hunger and Food Systems focus on asset mapping, technical assistance and capacity building for food enterprises in the middle of the supply chain in order to bolster the local and regional food system in Alabama and beyond. This presentation will provide a description of outreach and research activities within each area along with outcomes and impacts of these activities.

Podium Talk Oak II: 9:40 a.m. - Improving Disability Initiatives in Planning Practice: An Analysis of Planning and Disability Needs in Alabama

Dr. Doris Adams Hill - Faculty, Special Education, Rehabilitation and Counseling, College of Education

Dr. Binita Mahato – Faculty, Community Planning, College of Liberal Arts

Universal Design (UD), the practice of designing products, spaces, and structures to be equally accessible to people of all abilities without necessitating adaptation, has been key to creating just environments in our communities and averting exclusionary practices. The objective of integrating individuals with disabilities into mainstream society is predominantly facilitated by planners, policymakers and rehabilitation specialists. However, there is often a lack of collaboration among these stakeholders, which hampers the effectiveness of UD efforts. Disability policy has long prioritized accessible independent living outcomes for different walks of life, such as employment, mobility, education, built environment and many more. Both community planners and rehabilitation specialists are seen to be involved in designing inclusive built environments for people with disabilities. The presenters will discuss how to foster collaboration between community planners and those with expertise in supporting them? The goal is to understand the gaps and barriers of UD initiatives in community planning and the potential collaboration of other disability initiatives to address and overcome such challenges.

Podium Talk Oak II: 10:00 a.m. - Transformation of the City of Wetumpka: "The Place Where the Star Fell on Alabama"

David King - Faculty, Geosciences, College of Sciences and Mathematics

The cosmic impact of a large meteorite (actually, a small asteroid) in Elmore County, Alabama, several tens of millions of years ago created a 3.5 mile-wide, circular rim of hills known as an impact crater. Basic scientific research regarding this impact crater, which has gone on at Auburn University for over 25 years, has established this crater as one of the best studied and most well-known of such features in the world. AU crater research has been the scientific driver behind more than two decades of local city tours and school group visits. Now, a city-operated Discovery Center has opened in downtown Wetumpka for the purpose of public education and tourism regarding the crater. There are many new economic opportunities for Wetumpka in the crater enterprise, which are in development thanks to the synergy of basic science and public outreach.

Podium Talk Oak II: 10:20 a.m. - Go Golden: Catalyzing Intergenerational Wellness through Strategic Collaboration in Geriatric Nursing Education

Whitnie Willis – Faculty, College of Nursing Judith C. Quick - Faculty, College of Nursing Dr. Amy Curtis- Faculty, College of Nursing Carlie Hunt – Faculty, College of Nursing

Go Golden is a student-led nursing club at Auburn University College of Nursing, created to reimagine how undergraduate nursing students interact with older adults. Traditionally, geriatric nursing education focuses on older adults during periods of illness and dependency, missing opportunities to engage them in moments of wellness and everyday living. This outreach initiative challenges those norms by offering students consistent, meaningful interactions with older adults that foster empathy, relationship-building and mutual respect.

The primary aim of Go Golden is to create recurring, non-clinical engagement opportunities that nurture students' skills in geriatric care, challenge ageist assumptions, and strengthen bonds with the older adult community. The program also seeks to provide a replicable model for integrating community-based geriatric outreach into undergraduate nursing curricula.

Monthly activities are co-designed with local facilities, incorporating input from facility staff, social workers, and residents. Examples include themed seasonal activities such as delivering candy valentines and distributing lucky shamrock activity cards. Looking ahead to the fall semester, Go Golden will collaborate with the facility's therapy group to co-develop and lead physical activities that meet resident needs in a person-centered way. Nursing students engage in interdisciplinary collaboration, learning from social workers, recreation therapists, and therapy staff to enhance wellness and mobility for residents.

Early feedback from students and participating facilities highlights Go Golden's positive impact on both professional identity formation and resident well-being. Students report increased empathy, communication skills, and comfort in engaging with older adults, while facilities note improved resident morale and social connection.

Go Golden demonstrates that student-led, wellness-based outreach initiatives can meaningfully impact both nursing education and community engagement. This presentation will detail the design, implementation and outcomes of Go Golden, providing other institutions with a framework for replicating similar programs that center on wellness and relationship-building in geriatric care.

Podium Talk Oak II: 10:40 a.m. - **Community Outreach and Collaboration Project- Kitchen Renovation at Trinity Lutheran Church**

Dr. Meirav Goldhour - Faculty, Consumer and Design Sciences, College of Human Sciences

During Spring 2025, a collaborative project between Auburn faculty and Trinity Lutheran Church took place to explore the redesign and expansion of TLC's community kitchen.

Dr. Goldhour, Interior design lecturer in the Consumer and Design Sciences Department, worked alongside Shanna Brodbeck, the Church's Vice President of the Administrative Team, and another faculty member, Keith Rahn, Associate Professor at the McWhorter School of Building Science.

The project presented two design options: Option A, which focused on renovating and expanding the existing kitchen, and Option B, which proposed relocating the kitchen to a different room.

Students from the Department of Consumer and Design Sciences Interior Design Program were involved in researching and developing design solutions that considered functionality and space utilization. Dr. Goldhour organized the students into two groups; one section worked on programming for the current kitchen space, while the other developed design solutions for the proposed new location.

Over several weeks, faculty and students held multiple meetings with the leadership of Trinity Lutheran Church to align with their goals and needs. The design ideas and findings, which explored different possibilities, advantages, and disadvantages of each kitchen location, were formally presented to the Church's leadership and members. TLC leadership and members are currently reviewing the next steps for selecting the kitchen location based on the data and design proposals created by the students, and fundraising to support the potential renovation.

Plenary I

Podium Talks-Longleaf

9:00 a.m. - 11:00am

Podium Talk Longleaf: 9:00 a.m. - Alabama Wildlife Corridors

Kelly Homan - Faculty, Environmental Design, College of Architecture, Design & Construction **Dr. Katelyn Lawson** - Faculty, Environmental Science, College of Agriculture **Jordan Bralley** - Staff, Environmental Science, College of Agriculture

This talk will explore the ongoing 2025 revision of the Alabama State Wildlife Action Plan (SWAP), focusing on a collaborative effort between Auburn University and the Alabama Department of Conservation and Natural Resources to identify and map new conservation priority areas and wildlife corridors across the state of Alabama.

Updated every ten years with the next revision due October 2025, State Wildlife Action Plans (SWAPs) are comprehensive, science-based strategies developed by each U.S. state and territory to conserve wildlife and habitats. SWAPs are required for federal conservation funding and are meant to identify species of greatest conservation need, assess threats and outline actions to protect biodiversity and promote ecosystem health over the long term.

For the state of Alabama, a key component of the 2025 SWAP revision is the work of a cross-disciplinary research team at Auburn University from the College of Agriculture and the College of Architecture, Design and Construction, to create Alabama's first statewide wildlife corridor plan. Wildlife corridors are essential for species movement, genetic exchange and long-term survival of both common and endangered species.

By incorporating corridor planning into the 2025 Alabama SWAP, the state is embracing a forward-looking approach to biodiversity conservation, one that recognizes the critical role of landscape connectivity amid accelerating environmental change. This initiative positions Alabama to join other states across the Southeast's to preserve its rich, yet increasingly imperiled, natural heritage.

Podium Talk Longleaf: 9:20 a.m. - **Pixelating Teacher Sentiments: Exploring Algorithmic Empathy via AI Photo Elicitation in Agricultural Education**

Christopher Clemons - Faculty, Curriculum and Teaching, College of Education

This proof of concept initial investigation details the foundational phase of research developing an innovative, agentic Al-driven methodology to enhance photo elicitation. The overarching project goal is an Al platform predicting human emotion from textual data with 80% accuracy, generating visual representations of sentiment for studies involving public school-based agricultural education (SBAE) teachers.

The primary purpose of this initial step is to systematically select a robust and relevant set of textual case studies. These foundational case studies, authentically embodying specific, predefined emotions and professional experiences of SBAE teachers, will serve as integral stimulus material for the subsequent development and validation of the Al-driven research methodology.

Methodologically, this phase involves: 1) Curating eight high-quality case study excerpts from established, peer-reviewed agricultural education journals. 2) Representing four critical emotional themes: work-life balance, anxiety, professional/personal choice conflict, and guilt. 3) A key innovation is deliberately selecting two distinct case studies for each emotion—one clear and explicit, the other vague or subtle. This approach is designed to rigorously test and delineate the capabilities and limitations of human participants and, ultimately, Al image generation in interpreting complex emotional narratives. 4) Establishing the primary emotional content with high inter-rater reliability (Cohen's Kappa > 0.8). 5) Preparing standardized, unbiased excerpts by removing original author analyses to focus on narrative content.

The rigor embedded in this selection phase, including the innovative precise/vague pairing, significantly strengthens the overall study. The findings from this nuanced stimulus set will directly contribute to developing and validating a more efficient and potentially more insightful framework for photo-elicitation studies. This meticulous curation will yield validated textual stimuli crucial for AI model development, offering a novel methodological advancement for understanding human sentiment in agricultural education research.

Podium Talk Longleaf: 9:40 a.m. - **Supporting Green Infrastructure Development in Our Community: Making Maps, Saving Trees, and Showing Up**

Dr. Marilyn Vogel - Faculty, Geoscience, College of Sciences and Mathematics

Nature has been shown to offer physical and mental health benefits, in addition to providing recreation, community building and aesthetic value to communities. In rapidly growing areas like Lee County, administrative structures lag behind in green infrastructure development. Citizens mislike the loss of natural environment (e.g., removal of eagle's nests), disruption and lack of facilities. Degraded quality of life in over-developed areas leads to economic losses including lowered property values and poor retention of skilled labor, who move elsewhere for better surroundings. The Creekline Trail Foundation, a local, volunteer-run non-profit seeks to improve conditions under their rubric of "Neighbors need nature." Over a period of five years, Creekline has installed a ~1 mile long, ADA accessible nature trail in Opelika, AL. This project enlisted the help of numerous experts including Auburn faculty and staff. The AU Geosciences department contributed a creative trail map constructed using basic remote sensing tools and ARC-GIS software. Geoscience also provides landscape management consultation and services such as flood-mitigation and invasive species removal. In practice this means installing fortifying materials and cutting down or pulling out non-native vegetation. Creekline is a soaring success as can be seen from the high volume of use and user feedback. The trail is particularly popular with families of toddlers who can get out and practice walking in a calm, safe setting with a consistent, flat surface (good for strollers), and with users who would lack prior experience with trails and maps. The more these users can experience nature, the better they can understand the importance of ecosystem services (e.g. shade from trees, clean water, mental health). Future engaged scholarship objectives include installation of native plants, facilities that further engage users, and additional creative signage in consultation with Creekline personnel.

Podium Talk Longleaf: 10:00 a.m. - From Maldivian Underprivileged Island Communities to Global Student Education, Training, and Care: Situation-Based Immersive Exploration of Auburn University's Transformative and Impactful Outreach

Dr. Muralikrishnan Dhanasekaran - Administrative Fellow and Alumni Professor Graduate School, Professor, Harrison College of Pharmacy

Dr. Chippewa Thomas - Faculty, Department of Special Education, Rehabilitation, and Counseling, College of Education, Director, Office of Faculty Engagement and the Encyclopedia of Alabama

Dr. Elizabeth Ivy Quansah - Director, Auburn University Outreach Global

The Maldivian archipelago, composed of widely dispersed islands, encounters substantial healthcare access challenges, leading to severe life-threatening morbidity and early mortality. Maldivian Island communities lack comprehensive healthcare facilities and professionals, making timely diagnosis, prevention and treatment challenging. As dependence on substance abuse,

urbanization and dietary shifts increase, the burden of non-communicable diseases such as hypertension, diabetes mellitus, insomnia, dental disorders and obesity is significantly rising. Simultaneously, mental health concerns, exacerbated by stigma, limited professional support, and post-pandemic stressors remain largely unaddressed. In response, the Office of AU Outreach, Harrison College of Pharmacy (HCOP), and Villa Group Maldives delivered a multiisland outreach initiative focused on physical and mental health. Over 150 individuals were screened in several islands, resulting in the identification of critical cases and the provision of immediate referrals, lifestyle counseling and mental wellness education. Thus, our novel and professional outreach program demonstrated the power of academic-community partnerships to drive impactful, scalable healthcare resolutions. Interdisciplinary collaboration among faculty, students, residents, and local professionals fostered engaged scholarship, upskilled future healthcare leaders, and promoted mutual learning to enhance global healthcare. This novel outreach initiative also highlighted precision medicine, showcasing best practices in global outreach, sustainable community engagement, healthcare literacy promotion and student recruitment. Future directions include expanding mental health support, developing policy, and integrating animal and environmental health into outreach activities using a One-Health framework. Continued venture in local training and infrastructure is essential to build a resilient, self-sufficient healthcare workforce in these islands. Moreover, outreach programs play a critical role in the early detection of emerging health risks and foster interdisciplinary strategies to address them effectively and in a timely manner. Therefore, this model sets a precedent for how academic institutions can contribute to long-term global healthcare by addressing both immediate care gaps and systemic challenges through education, research and cross-cultural engagement.

Podium Talk Longleaf: 10:20 a.m. - Curtain Call: Inclusive Engagement Through Design-Build Practices

Cait McCarthy - Faculty, Architecture, College of Architecture, Design & Construction **Jordan Young** - Faculty, Architecture, College of Architecture, Design & Construction

Curtain Call is the winning pavilion design for the 2024 edition of BuildFest in Bethel, NY. Organized by the Bethel Woods Center for the Arts, this non-profit aims to inspire and empower individuals through access to the arts. As a part of this mission, each year BuildFest invites university faculty teams to design and construct large-scale installations on the historic site of the 1969 Woodstock festival. Curtain Call reimagines the original Woodstock stage using wood trusses, asymmetrically placed columns, and a fabric canopy to create a flexible performance space. The pavilion accommodates a range of activities, including concerts, film screenings, popup events or quiet lounging in the shade. Over four days, students and faculty participated in a design-build process and gained hands-on experience in fabrication and assembly. Typically, bespoke research-informed structures produced in academic settings present barriers to participation due to expensive equipment and the need for specialized technical expertise. In contrast, Curtain Call used low-cost tools, alternative digital and physical workflows, and immersive educational experiences to make fabrication more accessible to non-experts.

The project combined digital and manual tools to make fabrication more inclusive. A method called Direct Annotative Construction (DAC) was used. Through the use of a low-cost, custom-built 2-axis timber marking machine, construction information (e.g. cut lines, drill points, part numbers, etc.) was annotated directly onto dimensional lumber. Basic power tools such as a compound miter saw, cordless drill and handheld router were then used to process more than 1,300 parts. Components were shipped to the site and assembled using a simple 10-page visual guide during the festival. By embedding fabrication information directly onto materials, DAC allowed students of all experience levels to participate and gain hands-on knowledge of the construction process.

Podium Talk Longleaf: 10:40 a.m. - Empowering Careers Through Connection

Lauren Ozment - Staff, Department of Special Education, Rehabilitation, EAGLES, College of Education

Emmaree Wilson - Staff, Department of Special Education, Rehabilitation, EAGLES **Betty Patten** – Faculty, Department of Special Education, Rehabilitation, EAGLES, College of Education

This presentation will explore how inclusive employment practices for both jobseekers and employers, community engagement, and strategic partnerships can break down barriers to employment. By fostering diverse workplace environments and equitable opportunities, this program not only empowers individuals, it strengthens businesses.

We'll discuss the importance of building strong community connections, bridging gaps between employers and job seekers, and creating a culture of inclusion that benefits everyone. Attendees will learn actionable strategies to engage with diverse talent pools, develop inclusive workplace policies, and drive long-term career success for all.

Through collaboration and shared knowledge, we can create pathways that ensure everyone—regardless of background—has access to meaningful employment. Whether you're an employer, job seeker, or advocate for workplace diversity, this session will provide the insights and tools needed to foster a thriving and inclusive workforce.

Plenary I

Podium Talks- Camellia

9:00 a.m. - 11:00 a.m.

Podium Talk Camellia: 9:00am - Artificial Intelligence in Elementary ELA: Pre-Service Teacher Perceptions, Concerns, and Imperatives for Teacher Education

Dr. Christopher Clemons - Faculty, Department of Curriculum and Teaching, College of Education

Dr. Jillian Ford - Faculty, Department of Curriculum and Teaching, College of Education
 Dr. Amy Fitchett - Faculty, Department of Curriculum and Teaching, College of Education
 Dr. Jason McKibben - Faculty, Department of Curriculum and Teaching, College of Education

Dr. James Lindner - Faculty, Department of Curriculum and Teaching, College of Education

This study investigated pre-service elementary teachers (N = 32) at Auburn University in the College of Education, Department of Curriculum and Teaching during the summer 2025 semester. The researcher developed an instrument (α = .906) incorporating a Likert-type interval measurement with 1 = strongly disagree – 5 = strongly agree. The findings revealed participant optimism about Al's potential and profound apprehension regarding its practical and ethical implementation. Pre-service teachers showed strong awareness of common Al programs (M = 4.61), high personal access to Al technologies (M = 4.48), confidence in their ability to learn Al skills for ELA writing instruction (M = 3.97), and belief in Al enhancing lesson planning (M = 4.00), indicating receptivity.

Participants addressed the potential for student dependency on AI (M = 4.72) and compromised academic integrity (M = 4.66). Concerns were expressed regarding the lack of clear ethical guidelines (M = 4.38) and broader ethical implications (M = 4.31). Pre-service candidate's skepticism was evident regarding AI's capacity to benefit their future students' critical thinking skills in ELA (M = 2.61). Participants were generally confident when applying AI to specific pedagogical tasks, such as analyzing student writing (M = 3.09). The findings also indicated a clear need for systemic support; instructor support (M = 3.1), focused mentorship (M = 3.91), and professional learning communities (PLCs) for AI in ELA writing (M = 3.94) were highly valued.

These findings carry significant implications for teacher education and Auburn University. Programs should cultivate comprehensive AI literacy (technical, pedagogical, ethical) and proactively address ethical concerns and academic integrity. Further, educational programs should model effective AI-enhanced pedagogy, encourage critical examination of AI's role in student learning, and establish robust support systems while addressing equity. Future research should include longitudinal studies, intervention evaluations and investigations of AI's impact on student outcomes.

Podium Talk Camellia: 9:20 a.m. - Collaborative Class Murals and the Power to Educate

Wendy DesChene - Faculty, Department of Art, College of Liberal Arts **Tierney Brosius, aka Dr. Beetle** - Community Partner, Augustana College

Collaborative mural-making can foster cultural exchange, education, and social empowerment. This paper examines how co-creative public Art strengthens communities by engaging students, faculty and leaders in a shared effort to preserve and amplify the stories and issues of the day.

Developed through 20 years of innovative class projects, these large format murals invited students into a meaningful dialogue with community leaders and scientists, deepening students' understanding of their actions in the world. Through research, discussion, direct engagement and collaboration, students moved beyond the studio to co-create a lasting public testament. Installed in prominent, popular communal spaces, these murals are an educational resource and a powerful symbol of the arts' ability to educate while celebrating our world.

Attendees will gain strategies for leveraging public art as a tool for social change, ensuring that creative projects are co-designed with and for the communities. By embedding art within community-driven storytelling, this project models how collective action can bridge cultural divides, amplify underrepresented voices, and contribute to environmental education targeted to specific locations. Participants will gain a deeper understanding of how collaborative art practices can be effectively implemented to create a lasting cultural impact and foster more substantial, inclusive communities.

Podium Talk Camellia: 9:40 a.m. - Learning to Teach: Perspectives on a Long-term Early Teaching Collaboration

Jane Kuehne - Faculty, Department of Curriculum and Teaching, College of Education Tamarceo Shaw - Graduate student, Curriculum and Teaching Caleb Norton - Graduate student, Curriculum and Teaching, College of Education Lisa Powell - Community Partner, Loachapoka Elementary School

Learning to Teach (LTT) began in Spring 2017 and continues to immerse first-year music education majors into classrooms at our partner school. They plan and teach weekly music lessons supported by practicing elementary educators, with weekly on-site support from AU faculty and graduate assistants. Students in their second semester (first-year spring) work in teams of 3-4 to plan and teach weekly music lessons for multiple grade levels. During their sophomore fall semester, they plan and teach individually, or they may collaborate with a single partner. They also begin observing their peers to gain ideas and provide feedback and peer support. During their sophomore spring (fourth semester), they serve as mentors and sounding boards for the new first-year students. This talk includes a brief overview the LTT early teaching program along with findings from administrator interviews and undergraduate participant reflections. These are part of continual program evaluation for improvement over time. Initial results show that the program is overall successful, though there are areas for improvement. Another especially useful finding that may change how some prepare undergraduate preservice educators, is the clear dedication to Pk-5/6 students' experiences and needs about which administrators spoke. We must remember how our own language about fellow educators, staff and administrators affects preservice (and in-service) educators' views about different school groups (students, teachers, staff, administrators, etc.). Student reflections occur each semester. Those reflections help us understand how this early teaching program affects their views and skill development over time and their identities as music educators. Current student reflections show their transformation from the first tentative days, through both positive and negative experiences, and gaining self-confidence and comfort in classrooms teaching multiple different grade levels. If time allows audio excerpts from their reflections may be included.

Podium Talk Camellia: 10:00 a.m. - **Industry Cohorts: Expanding Access and Opportunity in Graduate Engineering Education**

Krysta Weed - Staff, Outreach & Continuing Education Programs, Samuel Ginn College of Engineering**Dr. LuAnn Carpenter** - Faculty, Department of Industrial and Systems Engineering, Samuel Ginn College of Engineering

Carla Nelson - Staff, Department of Industrial and Systems Engineering, Samuel Ginn College of Engineering

Auburn University's Department of Industrial and Systems Engineering, in partnership with the Office of Online and Continuing Education, has developed an innovative Industry Cohort Program through which graduate education meets the evolving needs of working professionals and their employers. Through collaboration with industry partners, the program provides customized pathways for employees to earn a master's degree in engineering while continuing full-time employment.

Now in its fifth year, the program has formalized six memorandum of understanding (MOU) agreements with major employers, including Honda and Leidos. Participating companies identify and recommend high-performing employees, creating a strong pathway of dedicated and capable graduate students. Faculty and staff conduct regular visits to company sites to maintain relationships and recruit new cohorts. Because most cohort students are based in Huntsville, Auburn also hosts periodic receptions and networking events there, giving students valuable opportunities to meet their professors in person and connect with fellow online learners. In Spring 2025, 83 students were actively enrolled, with 99 participating in Fall 2024. Since its inception, the program has attracted an estimated 300 graduate students.

The cohort model strengthens institutional partnerships and facilitates industry-informed research opportunities, professional development, and collaborative student support. Recruiting students through established company partnerships is also more cost-effective than individual outreach, allowing Auburn to efficiently scale its graduate enrollment efforts while deepening engagement with industry. Companies benefit from enhanced employee engagement and retention, while students receive access to Auburn faculty mentorship, peer learning communities, and a curriculum tailored to real-world industry challenges.

Podium Talk Camellia: 10:20 a.m. - The Power of Partnership: COSAM and VCOM's Blueprint for Outreach Excellence

Jessica Gilpin - Staff, COSAM Outreach, College of Sciences and Mathematics

Kristie Floyd - Staff, Edward Via College of Osteopathic Medicine - Auburn Campus

Dr. Mary Piscura - Faculty, Edward Via College of Osteopathic Medicine - Auburn Campus

Over the past two years, the Auburn University College of Sciences and Mathematics (COSAM) Outreach Office and the Edward Via College of Osteopathic Medicine (VCOM) – Auburn Campus have cultivated a dynamic partnership that has significantly enhanced STEM outreach and educational programming in Alabama. This collaboration began with COSAM Outreach supporting the growth of VCOM's Anato-Bee program and has since evolved into a robust, multifaceted relationship. VCOM has become a key exhibitor at COSAM-led events such as

Destination STEM and the STEM is Everywhere Expo at the Alabama State Science and Engineering Fair (ASEF), bringing hands-on medical science experiences to K–12 students. The partnership culminated in a co-hosted residential summer camp experience that merged COSAM's Summer Science Institute with VCOM's Summer Enrichment Experience, offering 32 high school students a unique, immersive introduction to both COSAM disciplines and medical fields. This session will explore the development, implementation, and impact of this collaboration, offering a replicable model for leveraging interdisciplinary outreach partnerships.

Plenary I

Roundtable Discussions

9:00 a.m. – 11:00 a.m. Legacy Ballroom

Table 1 9:00 a.m. - Qualitative Insights: Enhancing Performance Metrics Through Participant-Centered Evaluation

Dr. Adrienne Duke-Marks - Faculty, Department of Human and Family Sciences, College of Human Sciences

Angela Mintah - Graduate student, Department of Human and Family Sciences, College of Human Sciences

Sandra Anti Eyiah - Graduate student, Department of Human and Family Sciences, College of Human Sciences

Brianna Goodwin - Graduate student, College of Human Sciences

Nana Adjoa Konadu Attiah - Graduate student, College of Human Sciences

Federal agencies increasingly rely on external vendors to assess program effectiveness using quantitative performance measures. Traditional performance measurement frameworks prioritize objective, standardized metrics, while neglecting the qualitative dimensions that offer deeper context. Although quantitative data provides essential information, it fails to fully capture participants' lived experiences with federally funded programs, particularly in areas like sexual health education. Without integrating participant voices, national evaluations risk overlooking key insights that could enhance program design, delivery and community engagement.

We propose that a blended evaluation model will strengthen the validity of program assessments, driving more informed decision-making and impactful improvements in federal programs. During our presentation, we will discuss how participatory approaches utilizing qualitative feedback are overlooked before, during and after the data collection process, subsequently limiting meaningful insights that could radically change our approach.

Dr. Laura Crowe - Faculty, East Alabama Regional Inservice Center, Department of Curriculum and Teaching, College of Education

The East Alabama Regional Inservice Center (EARIC) has developed a dynamic, sustainable model to support educators through the rigorous journey of achieving National Board Certification (NBC). This presentation will explore how EARIC strategically engages teachers in Region 9 of Alabama through a multi-tiered support system that includes cohort-based mentoring, targeted professional learning communities, and partnerships with National Board Certified Teachers (NBCTs) who serve as candidate support providers. By offering structured guidance aligned to the National Board for Professional Teaching Standards, EARIC empowers educators to reflect deeply on their practice, improve instructional effectiveness, and ultimately earn certification.

Attendees will learn how EARIC's model emphasizes accessibility by providing support at multiple entry points, including awareness sessions, pre-candidacy workshops and ongoing one-on-one coaching. The center also fosters collaboration with school districts to identify and recruit candidates, leveraging NBCTs as mentors to cultivate a culture of excellence and professional growth.

Data will be shared demonstrating the model's impact on increasing the number of NBCTs in Region 9, along with success stories that highlight how certification transforms teaching and learning. The presentation will conclude with insights on sustaining growth, including developing district-level NBC networks and integrating certification into teacher leadership pipelines. Participants will leave with replicable strategies to strengthen NBC efforts in any future local cohorts.

Table 3 9:00 a.m. - Oral Health Isn't Cosmetic: Building Strategic Access and Engagement into a Southern Disparities Study

Dr. Zachary Schulz - Faculty, Department of History, College of Liberal Arts

Oral health is often treated as secondary—or even cosmetic—within U.S. healthcare systems. Yet it profoundly shapes overall health, access to care, and community wellbeing. This roundtable presents a community-engaged project in its early stages, developed in collaboration with the Alabama Department of Public Health (ADPH), to address oral health disparities in Alabama through a mixed-methods study targeting both parents and children. The research was recently approved by IRB and is launching in summer 2025.

We will focus on the strategic design of the study, which integrates narrative and survey-based data collection to capture both quantitative prevalence and qualitative experience of oral disease and care access. Particular attention is given to how the project frames community engagement, designs inclusive outreach strategies (including print and digital access tools), and foregrounds voices often excluded from traditional public health surveillance.

This roundtable will invite discussion on developing engaged research before data collection begins, including ethical considerations, institutional barriers and effective collaboration with state health agencies. It will also explore how outreach methods can be calibrated to address

both visibility and stigma in marginalized rural and urban communities. Participants will be encouraged to share their own experiences designing community-engaged health research—especially projects where institutional support or recognition may be limited, such as in non-tenure-track or cross-disciplinary roles.

By sharing the foundational planning of this work-in-progress, the session aims to demystify early-stage outreach scholarship and highlight how "access" begins not with results, but with relationships, design and intent. This project ultimately asks how oral health, often overlooked, can become a catalytic site for strategic, collaborative engagement in the South.

Table 4 9:00 a.m. - Empowering Education through Data Science: A Collaborative Initiative by CDSI and PEER

Dr. Elvan Ceyhan - Faculty, Department of Mathematics and Statistics, College of Sciences and Mathematics

Dr. Nedret Billor - Faculty, Department of Mathematics and Statistics, College of Sciences and Mathematics

Dr. Melinda Lanius - Faculty, Department of Mathematics and Statistics, College of Sciences and Mathematics

This presentation highlights the collaborative outreach efforts of the Center for Data Science Innovation (CDSI) and the COSAM Discipline-Based Education Research (DBER) cluster at Auburn University. United under the 2025 Symposium's theme of "Catalytic Engagement through Strategic Access, Opportunity & Collaboration," this session will explore how these two groups have sponsored initiatives, such as hosting a Professional development for Emerging Education Researchers (PEER) Institute in Summer 2025, and are working together to expand access to data science education, build interdisciplinary professional development pathways, and foster community and industry partnerships.

CDSI, co-directed by Drs. Billor and Ceyhan, contributes by providing a research and collaboration hub that connects students, faculty and stakeholders through data-driven capstone projects, outreach workshops and workforce development activities. The DBER cluster, led by Drs. McNeal, Burkholder, Ballen, and Lanius, complement this work by mentoring disciplinary faculty and/or students as they transition into education-focused research. The PEER model emphasizes access to methodological training and community-building around discipline-based education research (DBER), with upcoming programming framed around data science themes.

This roundtable will highlight our 2024-2025 activities and engage participants in a discussion of best practices for joint outreach programming, university-industry alignment, and cross-disciplinary faculty development. We invite colleagues across STEM, education and the social sciences to collaborate in building a more interdisciplinary and strategically engaged data science ecosystem at Auburn, in Alabama, and beyond.

Table 5 9:00 a.m. - Tiger Check - A Community Health Based Initiative Focused on Keeping Alabama Children Healthy

Erin Thornton - Faculty, College of Nursing

Marilyn Davis - Faculty, Tuskegee University School of Nursing

Dr. Barbara Wilder - Faculty, College of Nursing

Tiger Check, a community-based outreach initiative, focused on impacting the health of school aged-children in rural communities amongst the eastern region of Alabama, began in 2008. This program originated at Auburn University's College of Nursing, where undergraduate baccalaureate nursing students, in partnership with the Macon County school system, began visiting schools to perform health-based assessments on children from ages 4-18. This initiative has grown over the last 17 years into other rural counties in eastern Alabama to include Bullock and Tallapoosa County. This initiative allows nursing students to practice their pediatric assessment skills while also collaborating with a neighboring nursing program at Tuskegee University. These two nursing programs have come together to meet the needs of their communities as well as enhance exposure and experience for nursing students caring for pediatric clients in the community setting.

Over the last three years this collaborative effort has impacted approximately 10,000 children in various eastern Alabama school systems. Nursing students from both nursing programs perform various assessments including physical, vision and hearing screenings to include height and weight measurements. Nursing students perform these assessments and health screenings in a joint effort at each public school. These nursing students come from all different socioeconomic backgrounds and being able to share and impact one another has become an important part of this collaboration. Although the primary focus of this initiative is to positively impact the health of children in rural Alabama, this experience also increases nursing student exposure to children of various ages. Seemingly, having interactions between nursing students and school age children positively impacts nursing students' confidence in pediatric assessments, performing age-appropriate skills on children, and putting knowledge to practice. Overall, the impact is monumental for nursing students as well as the health impact on school-aged children in rural eastern Alabama.

Table 1 10:00 a.m. - Sectional Pasts: Using Design Drawings as Tools for Knowledge Exchange in Historic Environments

Sarah Coleman - Faculty, Landscape Architecture Program, College of Architecture, Design & Construction

Isaac Cohen - Faculty, Landscape Architecture Program, College of Architecture, Design & Construction

Measured drawings are essential tools through which design disciplines research, plan and communicate about buildings, infrastructures and landscapes. In historic environments, these drawings are often used by institutions to record the "significant" features of a site. Their

purpose is typically to restore these features to a previous condition or to preserve them for future generations.

This project proposes an expanded role for measured drawings. Using the architectural convention of the sectional drawing, it seeks to document historic and ongoing changes in heritage environments. It invites community members and stakeholders to bear witness to transformations that are not typically captured by institutional surveys. These include changes that fall outside the scope of official heritage narratives.

This method produces suites of drawings in order to chart a single site across multiple moments over extended periods of time. These drawings incorporate contributions that go beyond professional surveys and measured data to include oral histories, memories and projections from stakeholder communities. As such, final drawings emerge from a dialogue—an exchange between archival research, institutional methods of measurement, inherited knowledge and lived experience.

The result is a new type of site documentation—one that affords a broader picture of how historic sites have been and are presently conceived, demonstrating their function as living environments which actively shape place and community identities, continually generative of new meanings and relevance.

This presentation will focus on a case study of this method at the Florence Indian Mound in Florence, Alabama. It will document our process of producing and using these drawings as tools of exchange. We will reflect on how they can serve as platforms for conversation, demonstrate more equitable practices of knowledge production, and prepare the ground for new visions of the sites which they depict.

Table 2 10:00 a.m. - Flexibility is Not a Favor: It's Inclusive Teaching

Dr. Lisa Moyer - Faculty, Department of Human Development Family Science, College of Human Sciences

Betsy Gilbertson - Staff, Auburn Online

As universities broaden their outreach and engagement missions, classrooms must adapt to support an increasingly diverse student body. Many students bring unique community responsibilities, work commitments and lived experiences that differ from traditional academic norms. Beyond the traditionally "excused" absences such as student illness, family emergencies or a death in the family, many students face other life challenges, including romantic relationship break-ups, mental health issues, pet emergencies and illnesses (some long-term, like IBS) that do not require a doctor's visit. These students often struggle to obtain documentation to "prove" their need for an excused absence. Additionally, students may be reluctant to share personal experiences of crisis or trauma with instructors, especially when confidentiality is uncertain. This creates barriers to students successfully completing courses and earning degrees.

By framing flexible deadlines not as leniency but as intentional access-building engagement practices, this session underscores the pivotal role of classroom policies in establishing a

foundation for student success. These policies empower students to manage their time effectively and efficiently. Providing flexible deadlines for all students aligns with the core principle of Universal Design for Learning, which advocates for equitable access to education. This approach fosters inclusivity and facilitates personalized learning experiences, thereby strengthening the instructor-student relationship and cultivating a more supportive and inclusive learning environment.

The proposed presentation will explore the implementation of flexible deadline policies as a strategic approach to promoting equitable access, academic resilience and student engagement.

Table 3 10:00 a.m. - Jumpstarting Micro-Entrepreneurship: Catalytic Community Engagement

Joshua Sahib - Faculty, Lowder Center for Family Business and Entrepreneurship, Raymond J. Harbert College of Business

Engaged scholarship can be a powerful catalyst for local economic empowerment. This session examines Jumpstart, a six-week entrepreneurial bootcamp offered by Auburn's Lowder Center, which equips micro-entrepreneurs with side hustles or early-stage ideas with foundational skills to launch or refine a small business. Each weekly session is led by a faculty member and covers key modules from Notre Dame's UPBI framework: strategic business planning, accounting fundamentals, marketing basics and much more. Periodically, guest subject-matter experts including local service providers and small-business professionals—drop in to offer targeted guidance and answer participant questions. By embedding university-led programming directly into community venues, Jumpstart creates strategic access to practical tools, promotes collaboration among participants and experts, and fosters opportunity for hands-on learning. Preliminary data suggest that participants gain confidence, refine their business models, and strengthen local networks. The Jumpstart program has been offered for a few summers and is hosted in partnership with local organizations such as the Opelika Chamber of Commerce. The hope is to develop new partnerships and continue to offer the program, over time leading to the creation or growth of over 100 micro-enterprises in East Alabama. Attendees will learn more about the program, how the curriculum has been adapted to our local community, strategies for building partnerships, hear some success stories, and see metrics used to evaluate impact.

Table 4 10:00 a.m. - Collaborative Curriculum Development: A Case Study

Dr. Sara Wolf - Faculty, Department of Educational Foundations, Leadership and Technology, College of Education

Lily Wells - Community Member

In most educational environments, (public, private or homeschool) curriculum is typically designed by local authorities or commercial vendors, then delivered by teachers or parents. Students, the primary recipients of instruction, are rarely involved in the broader design and development of the curriculum. While many teachers provide limited opportunities for student

input such as choosing project topics, selecting presentation formats, or picking elective courses, these choices occur within a predetermined structure. True collaboration in curriculum design from the ground up is uncommon. In an unusual and innovative case, a professor with expertise in literature and information literacy partnered with a ninth-grade student to co-design and co-deliver an English Language Arts curriculum for the 2024–25 academic year. The collaboration was initiated at the request of the student's parents and approached with mutual openness and curiosity about its long-term potential. The project yielded several key insights. First, authentic collaboration greatly increased student engagement. Second, flexibility proved critical in navigating the evolving needs of both collaborators. Third, involving students in assessment and evaluation processes encouraged a deeper commitment to growth and improvement. Despite these benefits, the partnership also encountered significant challenges. Administrative barriers and time management issues emerged as notable obstacles that required careful navigation. Nonetheless, the experience demonstrated the value and complexity of including students in meaningful curriculum design.

Table 5 10:00 a.m. - A Collaborative Model for Nursing Education: Auburn's Nurse Apprenticeship Program

Hadley Stewart - Staff, College of Nursing

Abby Bell - Staff, College of Nursing

Hope Carroll - Staff, College of Nursing

The Alabama Department of Labor currently shows over 4,006 open RN positions in the state. The nursing shortage in our state, and also the country, continues to be significant. In 2022, the Auburn University College of Nursing, in partnership with East Alabama Health, the Alabama Board of Nursing, and the Alabama Office of Apprenticeship, began a collaboration in an effort to address this shortage by allowing employers to recruit, train and retain skilled nurses. This program is called the Nurse Apprenticeship Program. The first cohort of 7 students began in August 2022, and to date we have graduated 18 nurses from this program. The program works by hiring students as employees of our partner facility, East Alabama Health, after their first semester of nursing school. Once accepted, the students are able to earn a progressive wage while completing their clinical hours for nursing school and gaining valuable one-on-one experience in the clinical setting. We have found that students who participate in the program excel where they may have previously struggled, have greater confidence in the clinical setting, and get more skills practice opportunities than their peers in the traditional program. We have also seen that students who complete this program have a 94% pass rate on their first attempt at the NCLEX. For East Alabama Health, they are gaining trained nurses who have spent 17 months working in their facility, learning their charting system, protocols and procedures; who have already been assimilated into the hospital's culture; and who have built relationships with incumbent staff.

Resource Fair

11:00 a.m. – 12:00 p.m.

Terrace Room

Table 1 – SKILL Academic Coaching at Auburn University, Auburn University Office of Accessibility

- Table 2 Office of Public Service, Auburn University Outreach
- Table 3 Osher Lifelong Learning Institute, Auburn University Outreach
- Table 4 Regional Autism Network, Auburn University College of Education
- Table 5 Auburn University Office of Sustainability
- Table 6 Outreach Global, Auburn University Outreach
- Table 7 Office of Continuing and Professional Education, Auburn University Outreach
- Table 8 The Encyclopedia of Alabama
- Table 9 Office of Faculty Engagement, Auburn University Outreach.

Poster Session

11:00 a.m. - 12:00 p.m.

Terrace Room

Poster 1 - Empowering K-12 Educators through Al Literacy

Dr. David T. Marshall - Faculty, Department of Educational Foundations, Leadership, and Technology, College of Education

Dr. Asim Ali - Executive Director, Biggio Center

Dr. Katelyn R. Nelson - Emerging Technologies & Academic Innovation Specialist, Biggio Center **Shuqi Du** - Graduate student, Department of Educational Foundations, Leadership, and Technology, College of Education

Shawndra Bowers - Staff, Biggio Center

The advancement of artificial intelligence (AI) is transforming education, necessitating strategic access and collaborative opportunities for educators. The Integrating AI for Transformative Learning in K-12 Schools course, developed by the Auburn University Biggio Center, addresses the pressing need for AI literacy among K-12 educators. Designed as a self-paced, modular program, the course equips educators with foundational AI concepts, practical classroom applications, and critical ethical considerations. This poster presentation will showcase how the course's development aligned with strategic engagement principles, emphasizing access, opportunity, and collaboration. The design process involved partnerships with educators, instructional designers and AI experts, ensuring the content was relevant, accessible and inclusive. Digital badges offer micro-credentials to recognize educators' achievements, supporting continuous professional growth. The presentation will highlight the course's impact on fostering AI readiness in schools, promoting equitable access to technology, and building sustainable educational communities. It will also share insights into overcoming barriers and

strategies for collaborative engagement, offering participants actionable ideas to replicate or adapt in their educational contexts.

Poster 2 - **Bridging Minds and Communities: Psychology Students Supporting Children's Growth with Circles Opelika**

Dr. Tracy Witte - Faculty, Department of Psychological Sciences, College of Liberal Arts

More than 17% of the 31,361 citizens of Opelika, Alabama, live in poverty – a rate higher than the national average. Twenty-eight percent of Opelika's children live in poverty, which is 1.5 times the rate of the Auburn-Opelika metro area. Circles USA is a national organization specifically aimed at poverty reduction. Our local chapter, Circles Opelika, is the only one in Alabama and has existed since 2019. This presentation will discuss engaged scholarship between Dr. Tracy Witte and Circles Opelika. During the weekly Circles of Opelika meetings, children's programming is provided so that childcare is not a barrier to participation. Until recently, the children's programming has been primarily managed by one individual. Although her tremendous efforts were laudable, with the number and age range of children being served, there was a clear need for an influx of new volunteers.

The number of undergraduate psychology majors at Auburn University has grown more than 46% since 2017. With a finite number of faculty, we struggle to provide High-Impact Practices, which are essential for preparing students for graduate school and/or their future careers, for the many undergraduates seeking them out. The need for volunteers for the Circles Children's Program provides an excellent opportunity for the Department of Psychological Sciences to expand our capacity for High-Impact Practice for our students.

The current project focuses on building out the necessary infrastructure for the children's programming that is essential for the success and well-being of the Circles program. In addition to benefitting the Opelika community, this project will also benefit Auburn University psychology undergraduate students by creating a new, rich opportunity to engage in High-Impact Practices. This is consistent with strategic priorities identified by the Dean of the AU College of Liberal Arts and Auburn University's 2035 strategic plan.

Poster 3 - AU SOLVES: Engaging Community Partners with Interdisciplinary Teams to Solve Stakeholder-Identified Problems Through Co-Produced Sustainability Research

Dr. Karen McNeal - Faculty, Department of Geosciences, College of Sciences and Mathematics
 Dr. Chandana Mitra - Faculty, Department of Geosciences, College of Sciences and Mathematics
 Dr. Hollie Cost, Assistant Vice President, Office of Public Service, University Outreach

The project aims to connect interdisciplinary researchers with stakeholder communities, provide training in coproduction of science, and offer real-world research and team science experiences to AU graduate students, post-doctoral scholars and faculty. We leverage the existing model and lessons learned from the successful \$3M National Science Foundation Research Traineeship (NRT) award funded Climate Resilience project that was led by AU's Department of Geosciences.

We have scaled up the NRT program's model to the university level to support graduate student career development to solve challenging sustainability related problems with interdisciplinary solutions. This initiative offers resources such as online portals and workshops, facilitating collaborations between faculty, students, community and external stakeholders, and financial support for collaborative teams working with stakeholders. This approach benefits AU by integrating faculty research with graduate student training and fostering stronger partnerships with external stakeholders, ultimately enhancing the institution's research profile. Graduate students gain valuable research experiences, expand their professional networks, and increase their employability post-graduation. Faculty benefit from cross departmental collaboration as they work collectively, streamline broader impacts support, and increase engagement with external stakeholders. Stakeholders receive tailored research solutions, form connections with AU researchers, and contribute to advancing knowledge in their respective fields and sectors. Ultimately, this project enables AU researchers to work with community stakeholders to solve real-world problems across various disciplines and sectors across the sustainability footprint.

Poster 4 - Cypress Nature Preserve: Designing & Building a Landscape of Learning in Montgomery, Alabama

David Hill - Faculty, Landscape Architecture Program, College of Architecture, Design & Construction

In the heart of Montgomery, just over one mile from the Alabama State Capitol Building, lies a 250-acre tract of land containing wetlands, ancient river bluffs, natural seeps and deep ravines. This seemingly forgotten land is home to a tremendous diversity of life. To date, more than 125 species of birds, 65 species of trees and 30 flowering plants, as well as numerous ferns, vines, mushrooms and, of course, insects have been identified.

This urban wild (a remnant natural system found within a developed urban area) offers a tremendous resource for ecological observation, hands-on learning and public recreation. This city-owned land has the potential to become the Cypress Nature Preserve, a public landscape that opens these incredibly diverse bogs and thickets up to visitors while also protecting the fragile ecologies and ecosystem services that have developed over time. This hidden gem is a unique ecological system located within walking distance of Montgomery's downtown and Riverfront Park.

Once open to the public, Cypress Nature Preserve has the capacity to provide an outdoor environmental education facility and new outdoor recreational opportunities while promoting the environmental health of Montgomery by providing storm water retention, water filtration, air purification and carbon sequestration. The preserve will also support the continued economic revitalization of downtown by promoting eco-tourism. Users of the preserve will come from all walks of life and interests and we hope it will become a regional hotspot for photographers, bird watchers, hikers, bikers and nature lovers.

This project has the potential to improve the quality of life for people in and around Montgomery, Alabama through improved health, education and play. This project also offers

education benefits to Auburn University students as they cultivate a productive dialogue with a real community, design landscape interventions, and install a productive landscape of learning.

Poster 5 - Spaces of Self-Expression for Multilingual People

Dr. Iulia Pittman - Faculty, Department of World Languages, Literatures and Cultures, College of Liberal Arts

This presentation focuses on the need for spaces of self-expression for multilingual people through off- and on-campus events and through virtual means. Multilingual people do not have many opportunities to share their language and culture in meaningful ways. As a result, they do not feel seen and heard, and this can impact their work and sense of identity. The presenter will give an overview of previous multilingual campus and community events that have led to a greater sense of belonging and understanding of identity. While these events have been wellattended, and the feedback has been overwhelmingly positive, the visibility of multilingual people is still fairly low. This presentation proposes a new initiative that represents a platform for multilingual people to share their stories. A podcast series hosted by a faculty member from the Department of World Languages, Literatures and Cultures will invite multilingual people at Auburn University to talk about their multilingual background and how they leverage it into their academic work. Previous events that the host has been involved in and interviews related to her research led to a large network of people who will make up the guest list. The podcast can reach people at Auburn University, in the Auburn-Opelika community, and beyond our local community. Sharing one's story can be a powerful tool that leads to better understanding of identity and can invite others into places of authenticity and self-expression.

Poster 6 - Developing C.L.E.A.R. (Civic, Legal, Ethical, Analogous, Reasoning) Thinking in secondary social studies

Dr. Jada Kohlmeier - Faculty, Department of Curriculum and Teaching, College of Education
 Dr. Steven Brown - Faculty, Department of Political Science, College of Liberal Arts
 Dr. David Marshall - Faculty, Department of Educational Foundations, Leadership, and
 Technology, College of Education

Dr. Jesús Tirado - Faculty, Department of Curriculum and Teaching, College of Education **Matthew Summerlin** - Graduate student, Department of Curriculum and Teaching, College of Education

Megan Andrews - Graduate student, Department of Curriculum and Teaching, College of Education

Our three-year, nation-wide, Virtual Lesson Study (VLS) project is engaging 40 secondary social studies teachers to develop the teachers' capacity to design and implement authentic pedagogy. Teachers receive asynchronous historical and constitutional content readings, lectures and synchronous discussions with Dr. Steven Brown in political science. Teachers also receive asynchronous video case models and lectures from Dr. Kohlmeier on authentic pedagogy in social studies.

The teachers were divided into 10 VLS teams facilitated by a leader familiar with authentic pedagogy. The teams developed, over Zoom, a lesson for their curriculum each summer starting in 2024. During the academic year, the teams followed the VLS observation, reflection and revision process twice during the 2024-25 academic year using Swivl for lesson observation and Zoom for reflection and revision sessions. All teachers video-recorded themselves implementing the research lesson and reflected on their own implementation with their Lesson Study Leader.

We used rubrics for authentic pedagogy to score each teachers' research lesson implementation video as well as independently developed lessons they recorded at the start of the project. When we compared the scores from the two lessons, the Lesson Study Lessons scored an average of 5 points higher on an exacting rubric of Authentic Pedagogy Instruction.

Teachers reported benefitting from working with colleagues in districts and states different from their own because they began to see themselves as part of a larger professional community. The Swivl recording technology captured student conversations using microphones that we would not have captured in person, providing insights into students' historical empathy and civic reasoning. Project teachers reported over 95% satisfaction with VLS after year 1.

VLS is encouraging adoption of authentic pedagogy among the 40 participating teachers in our project. VLS is a promising professional development model that can foster teacher collaboration, reflection and instructional refinement across low-resourced school districts.

Poster 7 - School of Aviation's Multi-Pronged Approach to Local and National Outreach

Dr. Daniel Siao - Faculty, School of Aviation, College of Liberal Arts
 Dr. Rebecca Baughman - Faculty, School of Aviation, College of Liberal Arts
 Martin Harris - Faculty, School of Aviation, College of Liberal Arts
 Matthew Graham - Staff, School of Aviation, College of Liberal Arts
 Dr. James Birdsong - Faculty, School of Aviation, College of Liberal Arts

With a projected high demand for pilots, collegiate flight programs have gained popularity in recent years; however, much of the profession is shrouded in mystery. What are the paths to becoming a professional pilot? What is the flight training process? What does a career as a pilot look like? Are there job opportunities for pilots outside of airlines? These are some of the questions on the minds of young aspiring pilots and their parents.

Auburn University's School of Aviation strives to promote aviation to the next generation of aviation professionals through our outreach efforts. Aviation is a cost-restrictive industry to enter, and many high school students are not aware of the early requirements to begin the process. In this presentation, we will focus on the School of Aviation's outreach programs: Air Race Classic teams, Pilot for a Day, Girls in Aviation Day, Airshow Displays, and Aviation Summer Camps. These events provide the School with a local and national outreach presence.

These events are designed to promote aviation, recruit potential students, and answer some of the aforementioned questions often raised by aspiring pilots. We use a variety of activities, such as participating in flying competitions to visit cities across the country, offering discovery flights for first-time flyers, inviting the public to meet our student pilots at the airport during pep rallies, offering flying-related crafts for kids, flying aircraft simulators, using immersive technology to demonstrate various aspects of flight, taking aviation-themed field trips, and inviting guest speakers from various sectors of the aviation industry. In this presentation, we propose to discuss each of these events in greater detail, the lessons learned, and our future goals for outreach.

Poster 8 - Service Learning and Journaling by Undergraduate Elementary Education Majors

Dr. Jill Salisbury-Glennon - Faculty, Department of Educational Foundations, Leadership, and Technology, College of Education

Dr. Paris Strom - Faculty, Department of Educational Foundations, Leadership, and Technology, College of Education

Amber Johnson - Graduate student, Department of Educational Foundations, Leadership, and Technology, College of Education

Kendrick Wallace - Graduate student, Department of Educational Foundations, Leadership, and Technology, College of Education

The main purpose of this study was to inquire about the types of journaling insights shared by undergraduate teacher education majors (juniors and seniors) based on their school-based service learning experiences. The assignment for the journal reflections was developed for a required course, FOUN 3100 (Child Development, Learning, Motivation and Assessment). The assignment prompts used were designed by the professor. The present study aimed to discover important journal themes that emerged from pre-service teacher experiences in school-based service learning settings. ATLAS.ti was used for the qualitative analysis of the undergraduate service learners' journals.

Findings indicated astute observations regarding classroom management strategies, student motivation and effective strategies for helping students learn. Classroom management was recognized by many as being crucial for optimal learning. Regarding teaching, examples were described by service learners in how they approached tutoring students in reading, math and spelling. Specific tutoring strategies used with success included differentiated instruction, varied explanations and use of concrete manipulatives.

Another emergent theme was the value expressed by pre-teachers in seeing for the first time how key theories from the course could be applied in the classroom which included theories of learning, motivation and development. Another dominant theme inherent across the journals was the extremely high value of face-to-face, verbal dialogue between the child learner and the service learner. It was this type of assistance provided by the service learner that resulted in the highest benefit for both the learner and the service learner. Finally, numerous journals described the collaboration demonstrated among faculty and administration at the school which was encouraging for them as pre-teachers to observe. Related to collaboration, it was acknowledged also in the journals that they will have challenges as they go along in pre-teaching, but it is key to continue seeking help from their support systems (teachers, mentors, peers).

Poster 9 - From Vision to Venue: How NCNAC and Auburn University Created a National Hub for Nursing Academic Coaching

Kendall Henderson - Faculty, Nursing, College of Nursing **Brittney Wimberly** - Staff, Office of Professional and Continuing Education, University Outreach

The National Consortium for Nursing Academic Coaches (NCNAC) was started in 2021 to connect educators in nursing academia looking for help in supporting their nursing students through academic coaching or student success. The coaching role is broadly defined and includes nursing faculty or staff that help nursing students with topics such as studying skills, time management, test taking or general life skills. NCNAC works to fill in gaps in support for nursing academic coaches, as well as to support one another through research and collaboration. The group is currently composed of over 600 nursing educators from 48 states in the U.S.

On March 21-23, 2025, the first annual Compass Conference, driven by NCNAC leadership and the Auburn Outreach Office of Professional and Continuing Education (OPCE), took place at the Auburn University Hotel and Conference Center.

Conversations regarding the creation of the conference originated during meetings of the Auburn Professional and Continuing Education Council. The Auburn OPCE team and the NCNAC officers built the schedule and sent the call for abstracts in the Fall of 2024.

Around 150 nurse educators, coaches, advisors, and leadership teams from over 50 various colleges and schools of nursing across the United States came together for a time of collaboration, engagement and discussion. The Compass Conference included 26 educational sessions, 4 actionable workshops, and a time for poster presentations. Intentional networking time occurred during breakfasts and walking groups each morning, along with a tour of the Auburn College of Nursing building.

The partnership between the NCNAC group and Auburn's OPCE was invaluable in planning the conference and making it run smoothly. The conference placed Auburn and the nursing field on a national stage, and there are plans to host the conference at Auburn again in 2026.

Poster 10 - The Auburn University Informal STEM Connectory: One Year of Impactful Work

Dr. Virginia Davis - Faculty, Department of Chemical Engineering, Samuel Ginn College of Engineering

Mary Lou Ewald - Faculty, Outreach, Samuel Ginn College of Engineering

Jess Gilpin - Staff, Outreach, College of Sciences and Mathematics

Dr. Rachel Prado - Faculty, Department of Chemistry and Biochemistry, College of Sciences and Mathematics

Jessica Taylor - Staff, Outreach, Samuel Ginn College of Engineering

Dr. Chippewa Thomas - Faculty, Department of Special Education, Rehabilitation, and Counseling, College of Education, Director, Office of Faculty Engagement and the Encyclopedia of Alabama

Informal STEM Education (I-STEM) transcends disciplinary boundaries in fueling students' future career interests. The mission of the Auburn I-STEM Connectory is to enhance instruction, research, outreach and extension by aligning existing efforts and expanding Auburn's capacity to meet state and national informal STEM education needs. In its first year, the Connectory hosted over ten events which impacted over 1,000 members of the community. Activities included hosting campus-wide stakeholder meetings, leading a lunch learn and connect series, leading NSF CAREER grant workshops, and collaborating with the Faculty Outreach and Engagement Council. The Connectory also provided insights and letters of support for individual faculty grant proposals and created a directory of evaluators for education initiatives.

Making connections and sharing knowledge are key tenets of the Connectory's work. In the last year, the I-STEM Connectory built an informal STEM education community by founding the East Alabama STEM Ecosystem, partnering with COSAM Outreach to host the Alabama Science and Engineering Fair (ASEF), and working with the Alabama iSTEM Collaborative to host the first ever Alabama Invention Convention competition.

Through these activities and more the I-STEM Connectory aligns with all five goals of Auburn's strategic plan. Our goals for year two and beyond focus on reviving graduate student STEM organizations, continuing to build cross-campus connections through networking and knowledge sharing, growing ASEF, and expanding Invention Convention across the state of Alabama. The I-STEM Connectory will also define needs for physical space, establish formal agreements with more colleges, and formalize its organizational structure including creating working groups aligned with each goal of Auburn's Strategic Plan. With Auburn's unique position as a land, sea, and space grant institution, the I- STEM Connectory will coalesce human and funding resources to become an exemplar in addressing state and national needs for high-quality, accessible STEM education and workforce development initiatives.

Poster 11 - LCRP: Engaging the Community in Advocacy through Strengths and Values

Dr. Ashley Brown - Community Partner , Lee County Remembrance Project (LCRP) **Joe Davis** - Community Partner, Lee County Remembrance Project (LCRP) **Dr. Sara Demoiny** - Faculty, Elementary Education, College of Education

The Lee County Remembrance Project (LCRP) is a grassroots initiative that addresses racial terror, violence and trauma in Lee County, Alabama. In partnership with the Equal Justice Initiative (EJI), LCRP educates the community on racial injustices while promoting healing and advocating for justice. We foster community engagement and advocacy to combat discriminatory practices. This session will focus on the methods LCRP employs to encourage the community to advocate for racial justice and recognition. We will discuss strategies like involving local leaders, using social media for amplification, and educating community stakeholders to encourage advocacy. Within these methods, we encourage community members to find and use

their personal strengths (writing letters and petitions, organizing, calling legislators, shaping protests and more) to take action. We also highlight personal values like fairness to support this work. These methods encourage people to consider the variety of ways they can advocate and reinforces that what they do is impactful in dismantling systemic oppression and racism. Attendees will gain insights into how LCRP mobilizes collective action, fosters inclusive collaboration, and transforms advocacy into tangible social change.

Luncheon and Keynote

12:30 p.m. – 2:30 p.m. Grand Ballroom

Symposium Luncheon Keynote David Weerts, Ph.D.

David J. Weerts is Professor of Higher Education in the College of Education and Human Development (CEHD) at the University of Minnesota, Twin Cities and Associate Vice Provost for Public Engagement for the University of Minnesota System. Over the past twenty-five years, Professor Weerts's research and teaching has focused on higher education leadership and organizations, particularly in the areas of university-community engagement, state financing of higher education, and institutional advancement. His research on these topics has appeared in leading academic journals including Teachers College Record, The Journal of Higher Education, Research in Higher Education, and Review of Higher Education.

Professor Weerts is active in national leadership initiatives to support university engagement and outreach across the U.S. and internationally. He served two terms on the executive committee for the Council on Engagement and Outreach for the Association of Public and Land-Grant Universities (APLU) and currently serves on the board of directors for the Seed Coalition (formerly Iowa-Minnesota Campus Compact). In addition, he directs the Engagement Academy for University Leaders, a professional development program designed for mid-career and senior leaders of engagement. The program has trained over 1,300 leaders across 160 institutions and 5 countries. Professor Weerts earned a Ph.D. in educational leadership and policy analysis from the University of Wisconsin-Madison. He was inducted into the Academy of Community Engagement Scholarship (ACES) in 2025.

Plenary II

2:45 p.m. - 4:30 p.m.

Education Talk 1 - Fostering Global Citizens Through Education, Service Learning and Culture Awareness.

Dr. Elizabeth Ivy Quansah – Director, Outreach Global, Auburn University Outreach

Dr. Elizabeth I. Quansah from the Office of Outreach Global creates opportunities for global and local engagement, service-learning programs, cultural immersion experiences, and contributions towards community development across the globe. The office provides affordable short-term (1-2 weeks) service-learning experiences to students who cannot afford traditional study abroad programs. It also offers capacity training programs for both domestic and global partners.

Additionally, Outreach Global offers faculty members short-term opportunities abroad for outreach work, community engagement, and research. The Office also brings global experiences to the domestic audience through its annual events such as Global Community Day Festival, Fulbright in the Classroom, and GlobalConnect Camp. These events expose students, faculty, staff, alumni, and the local community to diverse perspectives, culture, history, social awareness, and increase global understanding. The Office of Outreach Global is a unit within University Outreach.

Education Talk 2- Regional Autism Network

Dr. Doris Hill - Director, Regional Autism Network, Clinical Professor, College of Education, Auburn University

Maria Guiterrez - Family Navigator, Regional Autism Network, Department of Special Education, Rehabilitation, and Counseling, College of Education, Auburn University

Alabama's RAN serves those who have questions, concerns, or resource needs regarding themselves, a family member, friend, client, patient, or a student with diagnosed or suspected autism spectrum disorder (ASD) across 20 counties-the largest RAN in the state.

The Regional Autism Network provides:

- Professional training programs
- Technical assistance and consultation services
- Individual and direct family assistance in the home, community, and school
- Public education programs

We exist to connect people with ASD, their families, educators, and service providers to the information and/or services that best meet their needs in multiple languages, including Spanish and Korean. We travel to events and provide trainings as needed and meet one on one with individuals to meet their needs.

Adjourn

4:30 p.m. Legacy Ballroom