CAHSI Summit 2026

Co-located with Greater Minds in Stem (GMiS)

Albuquerque, New Mexico, September 17-19

2026
Conference Brochure

https://cahsi.org
www.greatmindsinstem.org/gmis2026

The Computing Alliance of Hispanic Service Institutions (CAHSI) was established in 2006, funded by the National Science Foundation. As a national alliance, CAHSI is committed to ensuring representation across computing, AI and emerging technologies through higher education.

CAHSI Workshop Sponsorship Opportunities

CAHSI invites industry, academic, and community partners to support its workshops through sponsorship opportunities ranging from **$5,000 to $50,000**.

Sponsoring a CAHSI workshop contributes to high-quality learning experiences and strengthens pathways into computing disciplines. For sponsorship inquiries to support and contribute to CAHSI's efforts to strengthen students' ability to enter a competitive computing workforce, please contact **CAHSI** at cahsialliance@gmail.com.

AI Ideation

The AI Ideation workshop is centered on ideating on AI-based solutions to problems faced by the community and industry. Groups of faculty work toward defining research questions to a specific problem and expected outcomes. Using an iterative process with constructive feedback, it is expected that interdisciplinary research teams and communities of practice will emerge with the foundation needed to respond to solicitations and opportunities. In addition, the workshop informs participants on the NAIRR AI research and education resources availability to the community.

Generative AI Faculty and Student Sessions

Two different sessions focus on the building competencies in generative AI. Faculty learn about the Google-sponsored Gen AI CS Education Consortium and learn about effective strategies for integrating generative AI into foundation courses with an emphases on building students critical thinking and design skills while ensuring learning when integrating generative AI tools into computing courses. The student courses help students build competencies in generative AI while understanding its limitation.

CAHSI Cybersecurity Workshops

Students learn about tools, approaches, and methods adversaries use to exploit vulnerabilities. Students get hands-on experience related to real-life cybersecurity scenarios that include pivoting attacks, cross-site scripting, cross-site request forgery, hijacking, and memory corruption. The CAHSI Cybersecurity workshop training is preparatory for Hackathon participants.

CAHSI Advocates Community-Building Session

The CAHSI Advocates Community-Building Session is a unique opportunity for the CAHSI Student Advocates attending GMiS to learn how to involve students within their respective computing communities and connect them to opportunities with industry partners. CAHSI Student Advocates build and maintain a thriving community by leveraging various strategies such as networking, mentorship, communication, and engagement practices. This session provides professional development activities designed to empower the next generation of technology professions with the skills necessary to thrive in the workplace and create positive change and transfer knowledge gained to students at their universities.

Celebration of Research Mixer

A gathering to celebrate recipients of the Dissertation awards and the CAHSI Institutional Research Program. Students share the impact of research on their educational trajectories. Faculty and sponsors will have an opportunity to review CAHSI student research posters and speak with students regarding their research.

An

Data Analytics Challenge

Student practice team skills and engage in a hands-on competition to find patterns and answer questions about a pre-determined set of raw data. This includes an overview on the relevance of data analytics in the workforce. Recommended for final-year undergraduate students and new graduate students.

Cybersecurity Hackathon

The competition distills the essence of many aspects of professional computer security work into a "Capture the Flag" competition. Students work in teams to solve challenges that test their cybersecurity skills. The session encourages students at all skill levels to participate. The Hackathon promotes teamwork, encourages friendly competition with real-time feedback, and motivates students to learn more about how to protect assets controlled by software.

Machine Learning

Students learn and apply fundamental Machine Learning/AI concepts through a series of hands-on activities, including how machine learning problems are framed, and how neural networks work.

Research Poster Competition (undergrad & graduate)

Competition provides graduate students in STEM, computing, health and medicine, the opportunity to compete and showcase their scientific and technical aptitude. Students submit a comprehensive technical abstract from which finalists are selected to present their poster at the GMiS Conference.

Supercomputing Foundations

Experts from a National Laboratory will lead this workshop designed to provide an interactive introduction to High-Performance Computing (HPC), focusing on foundational concepts, practical applications, and hands-on exercises. Attendees will explore the basics of supercomputers, learn essential Linux skills, and gain experience with parallel programming using MPI and OpenMP. Through guided exercises, participants will build and run serial and parallel programs, analyze differences in execution, and understand how to manage jobs in an HPC environment. Hands-on exercises conducted in an AWS cluster environment ensure practical exposure to real-world HPC systems, enabling attendees to apply learned concepts directly.

Ignite Tomorrow's Innovators: Connect, Learn and Grow

The session is directed at emerging computer scientists and technologists. The session features role models, including leaders from academia and industry who discuss how students can build and extend their professional network on campus and during profession events. All students and mentors are welcome to attend.

CAHSI Recognition Luncheon Reception & Awards

The luncheon is an opportunity for all CAHSI to network with faculty, students, and industry representatives. CAHSI Student Scholars and Student Advocates are recognized for their community-building efforts at their institution. This event will showcase student attendees. results from various competitions and contests. All CAHSI students must attend the CAHSI luncheon.

Explore CAHSI Graduate Pathways

The "Explore CAHSI Graduate Pathways' is located with the GMiS Career Fair and provides students with an opportunity to learn about how graduate studies build their assets and lead to opportunities that can change their future. Students who visit the booth can identify graduate programs in their region (West, Southwest, Southeast, and North) and meet with representatives, including faculty and students, to learn more about specific programs and opportunities.

2015 Great Minds in STEM #STEMMALL