

Center for Gender Equity in Science and Technology

Mission: As a unique research unit, a diverse and interdisciplinary community of scholars, students, policy makers and practitioners unite to establish best practices for culturally responsive programs for girls/women of color. CGEST hosts three branches: **Advocacy, Capacity Building, and Knowledge.**

Advocacy

Women of Color STEM Entrepreneurship Conference: An annual, national collaborative effort to advocate for increased participation of women of color in entrepreneurship experiences and small business enterprise.

Regional Convenings: Participants walk away with new knowledge, an expanded network, and a specific action plan for their organization or institution to effectively advance women and girls of color in STEM both academically and professionally.

Policy Writing Workshop: Dr. Nicol Turner-Lee, Fellow at the Brookings Institution and CGEST, facilitates this informative and interactive workshop that enables participants to translate their research on diversity, equity, and inclusion into policy briefs.

Hackathon for Social Justice & COMPUGIRLS Boot Camp: Teams of girls work together to research, design, and build a web app prototype while mentors from industry and academia provide feedback and support.

Digital Repository: The National STEM Collaborative's Digital Repository is a curated database of resources such as effective programs, events, research, experts, and statistics.



Capacity Building

COMPUGIRLS: A national, empirically-based, culturally-responsive technology program for adolescent girls (grades 8-12) from under-resourced school districts.

COMPUPOWER: A gender-inclusive partnership between high schools and CGEST that is offered during the school day.

Learning in Libraries: Lead by local librarians in their respective branches across the country, adolescent girls engage in a culturally-responsive curriculum and create basic expressive circuitry products in a fun and collaborative environment.



Knowledge

Digital Lives of African American Tweens, Teens, and Parents: A national mixed-methods study to understand to what degree and in what ways African American families are using and learning with technology outside of formal learning environments such as schools.

STEAM + H Pathways Scholars: A collective of ASU Scholars who focus and collaborate on grants, publications, and advancing the dialogue as it pertains to our creating inclusive STEAM+H pathways.

STEM Equity Exchange: A series of free events during which ASU scholars present practical ways and provocative interdisciplinary work with and on underrepresented communities.



CGEST

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