

CGEST Monthly Newsletter February 2020

Welcome

Thank you for your continued interest and support of CGEST. We look forward to seeing you at our upcoming Women of Color in STEM Entrepreneurship Conference March 18th -20th.



Dr. Kimberly Scott

Please listen to the *When Science Speaks* Podcast hosted by Mark Bayer. Dr. Scott discusses why she founded the Center for Gender Equity in Science and Technology, why diversity is a need-to-have in any organization and what attendees can expect at the 4th National STEM Collaborative Women of Color in STEM Entrepreneurship Conference taking place (March 18-20, 2020) on The Big Island of Hawai'i.

[When Science Speaks Podcast](#)

Women of Color in STEM Entrepreneurship Conference



Click on the button below to register!

[Register Now](#)

Wahine: Culturally Responsive Collective Catalyst

We are very excited for the 4th National STEM Collaborative at Mauna Kea Beach Resort coming up in March 2020! Don't expect your typical presentation style conference. This will be a rare convening of Entrepreneurs, Academics, Educators, Impact Investors, Policy and Nonprofit Leaders, Students, Allies, and others interested in addressing race-gender-ethnic disparity in STEM fields who will work together to identify pathways and guide changes that broaden participation and inclusion of women and underrepresented populations in STEM fields in next decade!

The group will use Systems Mapping as a collaborative tool to assess barriers and enablers for gender equity in STEM Fields. Together we will identify leverage points that will enable a comprehensive approach to generate a more equitable future for girls and women of color to become world class technosocial change agents.

For 2020, ASU CGEST is bringing its success from the past three conferences to Hawai'i through powerful partnerships with Hawai'i Pacific University, the Kapor Center, Ilmola Astronomy Center (UH-Hilo), Entrepreneurship + Innovation at ASU, and Hawaii Community Foundation.

Please click on this image above to navigate to our website. If you have not done so, [Book your Room Now](#).



ASU & HPU: Tech-tualizing the 2020 Girls' STEM Conference

During our final planning meeting before the March 2020 Girl's STEM Conference, ASU, and Hawai'i Pacific University (HPU) faculty toured Kaimuki High School in Honolulu, HI and multiple STEM facilities on the Kona Island. We went on excursions to Hawai'i Wildlife Center, Hui Aloha Kiholo, and the Energy Lab at Hawai'i Preparatory Academy, to see how the sites and their faculty/staff could join us in our mission to expose young girls ages 13 to 18 to exciting hands-on learning opportunities in STEM fields. As a curriculum writer for CGEST, the highlight of the entire trip was engaging with participating students at the school and participated in hands-on learning experiences focused on the rich Native Hawaiian cultures and knowledges shared between inter-island communities. This is important when working to build a culturally responsive curriculum for girls where the objective is to cultivate understandings on the utility of STEM for purposes of social change. At the end of the week's visit, ASU, in collaboration with HPU, successfully developed a culturally responsive coding curriculum for this inaugural girl's STEM conference hosted in

Dr. Tara Nkrumah
Postdoctoral Researcher



AISL COLLABORATORS: IMPACTING STEM LEARNING FOR MIDDLE SCHOOL GIRLS

Read Sharon's blog to learn more about our exciting social programmable robot research project that involves Arizona State University, Carnegie Mellon University, the University of Pittsburgh, and Girl Scouts of Southern Arizona

[Sharon's Blog](#)



CompuGirls Cybersecurity: A Culturally Responsive Model for Underanticipated Girls

Read Dr. Colin Ben's blog about the new CompuGirls Cybersecurity grant.

[Colin's Blog](#)



We need Industry Leaders like YOU to support CompuPower students at the upcoming Summer Residency Experience (SRE) May 8-9!

Each year CompuPower high school student's hard work, collaboration, and hands-on learning are rewarded with a 4-day SRE, offering an on-campus college science, technology, engineering, and mathematics (STEM) experience like no other. Over the 4-day program, students will tour the ASU Tempe campus, experience interactive discussions with a diverse panel of industry leaders, enjoy on-campus dining and athletic activities, and present their group projects. As the final project for the CompuPower course, students develop presentations in the hopes to persuade STEM leaders and community members to join their coalitions and bring about positive social change. During the SRE, students present their projects to Industry Leaders for feedback, and we need volunteers like you to support our students. The presentation format is similar to a science fair where judges circle the room, interview groups, and determine how innovative student's projects are. There will be prizes for the top groups, food, and refreshments. There are two opportunities to be a part of this momentous event for our students: Friday, May 8, 6:00 pm or Saturday, May 9, at 10:00 am.

Come out and support the CompuPower community and students as they advocate for social change and celebrate another great year!

Please contact Gabrielle Swindle
(gswindle1@asu.edu or 480-727-9890) to sign up and for more information.

CGEST Welcomes



Shubham Patil ASU Student Research Assistant

Shubham is a computer science graduate student at Arizona State University. He completed an undergraduate degree in computer engineering from College of Engineering Pune, India. After completing his undergraduate degree he worked as a Software Engineer with General Electric (GE) for three years in Bangalore, India. He has experience in the fields of full stack web development and cloud systems. Apart from coding, Shubham enjoys trekking and wildlife photography.

During Shubham's time at CGEST he will be working on building a scalable stand-alone web-based digital repository on AWS using Java, Amazon S3 and Drupal. The repository will be used for sharing digital assets among universities, libraries and schools across the United States.



Nosizo Lukhele Bennington Intern

NoSizo "Sizo" is a sophomore undergraduate international student at Bennington College, she is originally from the Kingdom of Eswatini. She is currently finding her niche in integrating Biochemistry and Public Health and also studies modern dance and performing arts. Although these may look far from each other, Sizo is committed to viewing health and wellbeing from a transdisciplinary lens; through a microscope or through dance and movement. Sizo is here at the Center as an Intern for her Field Work Term to assist with research on the development of the curriculum in Hawaii that is holistically cultivating girls to become technosocial change agents while also preparing them for the limitations in the industry. During her tenure at CGEST, Sizo will additionally be assisting in suggesting ways in which both the centers (CGEST & CBO) can be unified and collaborative while also expanding her skills in research and embracing her identity as a woman of color in STEM. Through breaking free from the stigma that women have no place in STEM she is ready to engage in empowering other young girls that they have the capacity to do so.

Upcoming Opportunities

Women of Color in STEM Entrepreneurship Conference, March 18-20th 2020 - This will be in Hawai'i! NEXT STEPS are to register before November 30th to take advantage of [Early Bird Registration](#) and book your hotel by using the [Link](#)!



Apply to STEM to Market: The Association for Women in Science Accelerator by 2/6!

Learn how to transform your research into market-ready products as part of the national cohort of AWIS' award-winning STEM to Market (SZM) Accelerator! This uniquely flexible and virtual program works around busy schedules to help a diversity of STEM-trained women take their innovative ideas to market. Supported by funding from the U.S. Small Business Administration, SZM: The AWIS Accelerator lasts 10 months. [Apply](#) today!

SEED SPOT

Apply to STEM to Market: The Association for Women in Science Accelerator by 2/6!

Registration open for 2-Day Launch Camp for Women in STEM

Explore how to start a venture and launch your ideas at the Women in STEM 2-Day Launch Camp! Brought to you by AWIS' STEM to Market program and SEED SPOT, the launch camp takes place in Phoenix, Arizona, on February 25-26, 2020. Get your venture off the ground with our network of mentors and content experts and use AWIS and SEED SPOT's specialty curriculum designed for women in STEM. [Register](#) today!

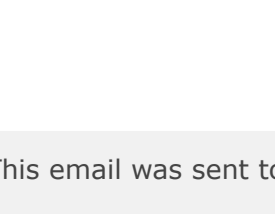
Thank you for Reading!

The Center for Gender Equity in Science and Technology (CGEST) at Arizona State University applies intersectionality as a framework that examines multiple identity markers (i.e. privilege, oppression, power) to reimagine equitable stations. CGEST enacts culturally responsive schooling that centers learning from the student's community and identity. Through its programs, CGEST provides resources in its curriculum to understand and critique STEM education so that historically marginalized groups see themselves shaping their culture and future in STEM.



The CGEST E-Newsletter provides updates on each of our areas of work and share upcoming opportunities for involvement with CGEST. We hope you enjoy the material and would love to hear from you regarding any feedback you may have.

We invite you to follow us
on our various social media platforms
to stay up to date!



[Give to CGEST](#)

This email was sent to: dzhan104@asu.edu

This email was sent by: Center for Gender Equity in Science and Technology at Arizona State University

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