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2020 NCWIT SUMMIT

Agenda details are shaping up for the 2020 NCWIT Summit on Women and IT: where conversations lead to change, happening on May 18-20, 2020 in Detroit, Michigan at the Detroit Marriott at the Renaissance Center.

Plenary speakers include 2020 NCWIT Pioneer Award Recipient **Ruzena Bajcsy**, NEC Chair and Professor, Department of Electrical Engineering and Computer Science, College of Engineering, University of California, Berkeley; **Ruha Benjamin**, Professor, African American Studies, Princeton University; **Temple Grandin**, Philosophical Leader; and **Tommy Orange**, Author.



Additional notable field experts will lead workshops covering employee engagement and creation of inclusive cultures, untold stories of Black women in computing, data and strategic planning for recruiting and retaining underrepresented students, and more: **Brenda J. Allen**, Professor Emerita, University of Colorado; **Nancy M. Amato**, Abel Bliss Professor and Department Head, Computer Science, University of Illinois at Urbana-Champaign; **Vanessa Dunn**, Director of Analytics, Assessment and Accreditation, College of Engineering and Applied Science, University of Colorado Boulder; **Kathleen Fitzpatrick**, Senior Program Manager, National Alliance for Partnerships in Equity (NAPE); **Jeffrey Forbes**, Program Director, Education and Workforce, National Science Foundation; **Ella Ingram**, Associate Dean for Professional Development, Professor, Biology and Biomedical Engineering, Rose-Hulman Institute of Technology; **Cynthia Lee**, Lecturer, Computer Science Department, Stanford University; **Colleen Lewis**, McGregor-Girard Assistant Professor, Computer Science, Harvey Mudd College; **Paul L. Marciano**, Author; **Sarah Miller**, Associate Dean for Access, Inclusion, and Student Programs, University of Colorado Boulder; **Amanda Parker**, Senior Director, Enrollment Management, University of Colorado Boulder; **Shawn Peterson**, Youth Program Manager, Native Girls Code; **Daniella Scalice**, Education and Communications Lead, NASA Astrobiology Program; **Cheryl Swanier**, Associate Professor, Computer Science, Claflin University; **Susan Thackeray**, Assistant Professor, Technology Management, Utah Valley University; and **Janine Vanderburg**, Co-founder, Colorado Encore Network.

Stay tuned to the 2020 NCWIT Summit site in the coming months for further agenda details. We look forward to another year of exhilarating days of change-leading conversation and celebrations among educators, entrepreneurs, corporate executives, and social scientists from across industries and disciplines (both men and women).

2020 NCWIT Summit current sponsors include Anchor Point Foundation, Association for Computing Machinery (ACM), PNC, and Walmart.

ncwit.org/summit

TECHNOLOCHICAS 4.0 LAUNCH

The TECHNOLOchicas 4.0 launch event, hosted by TECHNOLOchicas Partner Qualcomm, will take place on January 31 in San Diego, California. More than 50 students from a local middle school and invited corporate guests will be able to interact with TECHNOLOchicas 4.0 Ambassadors through a Q&A panel, workshops, and a STEM Fair. Invited corporate guests will also get the opportunity to attend an interactive session, "Innovation, Culture, and You: Addressing Subtle Biases in Technical Workplaces," led by an NCWIT research professional. Additionally, all attendees will watch premiere screenings of the 4.0 Ambassadors' video vignettes, showcasing their various paths to success and revealing a day in their lives at work and home.



First launched in 2015, TECHNOLOchicas speaks to young Latinas and their families, raising awareness about opportunities and careers in technology. TECHNOLOchicas helps Latinas see themselves in technology innovation and leadership, showing them that they can influence the future of computing and the well-being of their communities.

TECHNOLOchicas is produced by NCWIT and Televisa Foundation, in partnership with Apple, AT&T, Google, Microsoft, and Qualcomm.

technolochicas.org

NCWIT ASPIRATIONS IN COMPUTING (AiC) EXPANDS TO CANADA AND SELECTS 2020 RECIPIENTS

For the first time, ACM-W (ACM's Women in Computing) partnered with Queens University to offer the Award for AiC to students in Canada. More than 25 award recipients were recognized at the Canadian Celebration of Women in Computing Conference (CAN-CWIC 2019) on November 9, 2019 at the International Center in Mississauga, Ontario.

Back in the United States, NCWIT proudly announced the 2020 NCWIT Award for AiC national recipients, honoring four hundred high school women from all 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and all U.S. overseas military bases.

Each year, U.S. high school students in grades 9 through 12 who self-identify as women, genderqueer, or non-binary are eligible to receive recognition for their aptitude and aspirations in technology and computing, as demonstrated by their computing experience, computing-related activities, leadership experience, tenacity in the face of barriers to access, and plans for post-secondary education. This year, 40 winners and 360 honorable mentions were selected from more than 4,700 amazing, talented young women.

NCWIT AiC is sponsored by Apple, AT&T, Bank of America, Facebook, Google, Microsoft, Motorola Solutions Foundation, Northrop Grumman, Palo Alto Networks, and Qualcomm.

[aspirations.org/20HSrecipients](https://www.ncwit.org/20HSrecipients)

NCWIT ON THE ROAD

Red Chair Atlanta

NCWIT invited Atlanta-based companies to participate in a strategic conversation about inclusion and takeaway sustainable solutions to the problems. More than 80 men and women representing more than 15 companies, including NCWIT Strategic Partners AT&T and Bank of America, attended. NCWIT BOD Member Trish Jones delivered an overview before a panel discussion with top senior change leaders and technology executives including: Louis Gump, SVP & General Manager Cox Media; Gurinder Kaur, CIO, The Coca-Cola Company; Danelle McCusker Rees, President Human Resources, UPS North America; Danielle Joiner McPherson, General Manager Reservations Technology, Data Strategy & Digital Transformation, Delta Airlines; and Jennifer Williams, Director Global Inclusion & Diversity, Warner Media. The event rounded out with a Red Chair photo shoot, symbolizing the Sit With Me campaign, and a Tech Inclusion Journey exercise, led by NCWIT Research Assistant, Joanne Esch.



2019 NCWIT Pacesetters Roundtable

The NCWIT Pacesetters Roundtable is a unique experience designed especially for senior leaders who come together across corporate and academic boundaries to work alongside peers with valuable experience from implementing novel approaches to increasing diversity in their own organizations.

The 2019 Roundtable was held at the historic Oxford Hotel in Denver, Colorado on October 17-18. Six key themes emerged from the Working Sessions, facilitated by NCWIT leaders and social scientists: Getting Beyond Executive Buy-in, Developing a Shared Language, Implementation versus Impact Data, Necessary Prerequisites and Dealing with Churn, Storyboarding to Share the Journey (Tech Inclusion Journey), and Learning Partners (LPs) for Collaboration.

View the Pacesetters Roundtable Debrief for further detail: [ncwit.org/19PacesettersRoundtableDebrief](https://www.ncwit.org/19PacesettersRoundtableDebrief).

2019 CSforALL Summit // [ncwit.org/NCWITatCSforALL](https://www.ncwit.org/NCWITatCSforALL)

NCWIT was among fellow computing education stakeholders gathered at the 2019 CSforALL Summit to regard progress on the #CSforALL initiative and announce new commitments centered on tackling the goal of access to rigorous, inclusive, and sustainable computer science education for all U.S. students.

- » NCWIT and the American Library Association (ALA) announced their 2019 CSforALL Commitment to equip libraries and schools with resources for collaborating to expand gender diversity in computer science. New resources will include “Top 10 Ways School Counselors and Library Staff Can Partner to Promote Future-Ready Learners” and “You Can Actively Recruit a Diverse Range of Girls Into Library Computing Programs.”
- » NCWIT received an EcoSystemsforCS catalyst grant in the amount of \$15,000 for promoting community-led systemic change in K-12 computer science education. NCWIT is one of ten communities to receive funding and technical assistance over a one-year period through EcoSystemsforCS, a new initiative launched by CSforALL with support from Schmidt Futures. Specifically, NCWIT will partner with the Birmingham Public Library (BPL) to leverage existing work of NCWIT Regional Initiatives (ncwit.org/regionalinitiatives), as well as work done by TechBirmingham and other backbone organizations. The partnership will provide direct opportunities and pathways into CS, as well as professional development and leadership for influencers.
- » In addition to these major announcements, NCWIT staff presented at several panels and sessions, including “By Youth For Youth: Youth Led Innovation and Outreach in CS,” “Incubating Queen Bees: Innovative Approaches to Recruiting & Keeping Girls (and Young Women) in CS,” and “Research Pollinators: Informing the Research Agenda for the #CSforALL Movement.”

2019 CSEdWeek // ncwit.org/CSEdWeek

NCWIT staff and program participants participated in a variety of events in honor of CSEdWeek, an annual celebration dedicated to inspiring K-12 students to take an interest in computer science.

- » TECHNOLOchicas Ambassadors appeared at Microsoft stores across the country and also participated in a Women in Business Twitter Chat, hosted by AT&T.
- » NCWIT Counselors for Computing (C4C) Director Angela Cleveland joined representatives from the American Library Association to co-host a #SSCHAT Twitter Chat, convening libraries and schools to share best practices and ideas for integrating computing education into both formal and informal learning opportunities.
- » NCWIT K-12 Alliance and TECHNOLOchicas Director Jannie Fernandez presented a workshop at the Latino Tech™ “The Future of Work Summit” while C4C Manager Julie Gustafson attended the National Initiative for Cybersecurity Education (NICE) Cybersecurity Education Conference.
- » Two regional winners from the Ohio Affiliate Award for Aspirations in Computing shared their tech journey with local state representatives at the Ohio Statehouse, in honor of Computer Science Advocacy Day.
- » Additionally, NCWIT took to social media and e-newsletters to share recommendations for educators, parents, industry professionals, and others to use for captivating and encouraging students, as well as taking action as allies.

And More

This past fall, C4C representatives connected with a variety of audiences, presenting sessions at statewide school counselor conferences in Michigan (MSCA), Georgia (GSCA), and Alabama (ACA), in addition to conducting numerous workshops for individual schools and organizations—all to help prepare school counselors to support computing programs in their schools and advise students about opportunities in the computing field.



Follow #NCWITontheroad on Twitter to keep up with where NCWIT spreads the good word.

NEW NCWIT RESOURCE

- » **Why Should Young People Consider Careers in Computing and Information Technology? // ncwit.org/consideritcareers**

What should you tell a young person about IT careers? How can they prepare now for a career in IT? Created for school counselors by Counselors for Computing (C4C), a project of the NCWIT K-12 Alliance made possible by the Merck Company Foundation, Google, Palo Alto Networks, and Apple, this card gives adults talking points and additional resources for conversations with students, children, and/or other young people. The main message is that IT offers meaningful work, job security and high salaries with a bachelor's degree, and flexibility due to the variety of roles available.

NCWIT IN THE NEWS

NCWIT Aspirations in Computing (AiC): Where Are They Now?

- » “I’ve had my fair share of boundaries and stigmas that I had to actively break. And I couldn’t have done it without the support of my all-girl team.” // AiC Community Member Shreya Nallapati, in her keynote at the American Heart Association’s “Bring STEM To Life” event, discussed the technology she is developing to detect signs of potential mass shootings and stop them before they can occur.
- » AiC Community Member Joy Buolamwini is one of four women profiled in an Essence feature on Black women technologists who are working to uncover and correct the biases built into the algorithms that impact our daily lives.
- » “If we just show middle schoolers what coding is all about and give them a little push, more would be interested.” // AiC Community Member Nicole Chen is passionate about helping other students discover the joy of coding; her numerous initiatives were covered in a Denver Business Journal article.



Get monthly updates on AiC Community members and more at aspirations.org/news.

And More

NCWIT research, programs, and commentary were included in a number of national and regional media outlets and blogs, including Boulder Daily Camera, Forbes, Fortune, TechRepublic, and Wogrammer; as well as community and trade publications and announcements (CIO Dive, Computer Science Teachers Association [CSTA] Voice, Iowa State University College of Engineering News, Society of Women Engineers [SWE] Magazine, UC San Diego, and the University of Colorado Boulder).

ncwit.org/InTheNews



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