



## Contents

SIGCSE News in Brief.....	1
Celebrating SIGCSE’s 50 <sup>th</sup> Anniversary!.....	2
SIGCSE Symposium 2018 Preview .....	3
2018 Travel Grant Program Awards .....	6
ACM Policy against Discrimination and Harassment.....	9
An Interview with Access Computing .....	9
November 2017 SIGCSE Special Projects Grants.....	11
NCWIT .....	12
Deadlines and Upcoming Dates! ...	13

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## SIGCSE News in Brief

We wish to begin by wishing everyone in the SIGCSE Community a joyous and productive 2018!

We start this issue with an article on SIGCSE’s 50th anniversary which we all get to celebrate this year. Be on the lookout for celebratory events throughout the year. Continuing in this celebratory spirit, we also get to congratulate the recipients of this year’s SIGCSE Special Project Grants and SIGCSE Symposium Travel Grants!

With SIGCSE approaching next month, this issue offers a preview of the conference and associated activities. We look forward to seeing many of you in Baltimore soon.

We also spotlight in this issue two organizations focused on Broadening Participation: Access Computing and NCWIT. In addition to informing you of the organizations goals, we hope the articles will encourage you to participate in these organizations in the future.

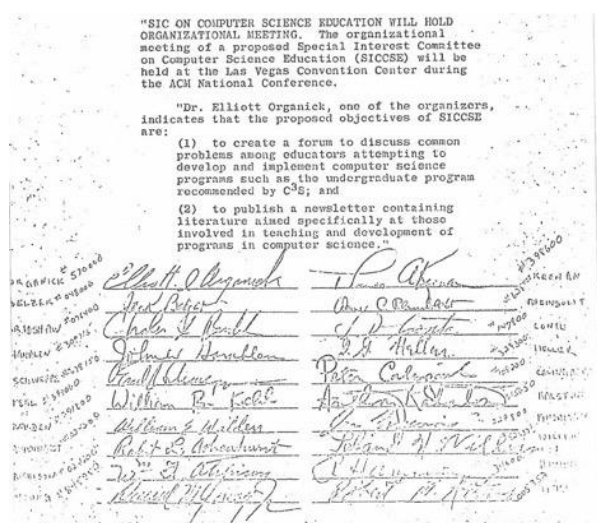
Lastly, in this issue, the SIGCSE Board provides a refresher on the ACM policy against discrimination and harassment.

### Newsletter Credits

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**Celebrating SIGCSE's 50<sup>th</sup> Anniversary!**  
 By Briana Morrison (SIGCSE Board Member)  
 and Amber Settle (SIGCSE Board President)

SIGCSE celebrates the 50th anniversary of its founding in 1968, an event that will be celebrated throughout the year. In 1968, a group of computing educators met at the Fall Joint Computer Conference (FJCC) in Las Vegas to write and sign a petition that eventually led to the creation of SIGCSE. Elliot Irving Organick (1925 – 1985) is credited with being the driving force behind the group.



Excerpt from the original SIGCSE Petition  
 Provided by ACM Archives

The original petition to create a SIC (Special Interest Committee) stated that the proposed objectives of the organization were:

- 1) to create a forum to discuss common problems among educators attempting to develop and implement computer science programs such as the undergraduate program recommended by C3S (Curriculum Committee on Computer Science); and
- 2) to publish a newsletter containing literature aimed specifically at those involved in teaching and development of programs in computer science.

The petition was signed by 20 ACM members. Others involved include Bob Aiken, Della Bonnette, Jim Miller, Joyce Currie Little, and Nell Dale.

Beginning in 1969 Elliot Organick served as the founding chair of SIGCSE with Bob Aiken the founding secretary/treasurer and TW Hildebrandt the founding editor of the Bulletin. The first Steering Group (the original Board) consisted of Jack Belzer, Peter Calingaert, TW Hildebradt, Thomas Keenan, Earl Schweppe, and William Viavant. William Atchison and S.D. Conte served as Ex-Officio members of the Steering Group.

Interestingly, many of the concerns to be addressed by the original organization are still ones we face today. In the first membership flyer for the initial Special Interest Committee, the organization vowed to address the following topics:

- 1) What are the problems of implementing the recommendations of a specific curriculum (that proposed by C3S)?
- 2) What is appropriate training at the junior college (now community college) level?
- 3) What basic requirements (if any) should undergraduates complete to be prepared for computer science graduate programs? (Now we're concerned with what every high school or college graduate should know related to computing!)

Thankfully, one of the concerns of the original organization has been solved through technology:

- 4) What courses can a college without a full scale computing center effectively offer?

The SIGCSE Technical Symposium was the first conference organized by the newly founded SIG, first held in 1970. In the fifty

years since SIGCSE was created it has grown to 2700 members from around the globe and now sponsors three successful computing education conferences, a doctoral consortium, two annual awards, and many other activities and events.

We owe a great deal of gratitude and debt to the individuals who had the foresight to know and understand how important computing education would be in the future. Throughout 2018 the SIGCSE Board and SIGCSE leaders will celebrate the 50th anniversary with weekly blog posts and a special issue of ACM Inroads that will appear in December 2018. Watch the SIGCSE listserv for announcements about special anniversary events as the year unfolds.

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wishing you all a happy,  
joyous and successful 2018  
— sigcse bulletin co-editors

## **SIGCSE Symposium 2018 Preview**

**By Tiffany Barnes and Dan Garcia, SIGCSE 2018 Symposium Co-Chairs and Elizabeth Hawthorne and Manuel Pérez-Quiñones, SIGCSE 2018 Symposium Program Co-Chairs**

We are excited to bring the SIGCSE community together in Baltimore, Maryland around the theme of “CS for All” from February 21-24, 2018 for the 49th ACM Technical Symposium on Computer Science Education. This year, we had a record 953 submissions to the conference, with 1119 volunteers participating in the reviewing and selection process to whittle it down to 161 papers, 35 panels and special sessions, 90 posters, 10 demos, 34 BOFs, 6 nifty assignments, 11 events, and 34 workshops. We are inspired to see so many of these submissions innovating to engage a broader audience and to create equitable opportunities for access to computer science education! Our theme is enhanced by our co-location with RESPECT 2018, the third international conference on Research on Equity and Sustained Participation in Engineering, Computing, and Technology, to be held from 8:30am-5:00pm on Wednesday, February 21.

To us, *CS for All* means expanding our community and leadership to include everyone, across different groups, educational levels (K-12 to college and beyond), places, and institution types. Inclusion has been threaded throughout our processes. We recruited a larger, more diverse Organizing Committee, with paired junior/senior roles. In 2017, we introduced reviewer discussions and expanded the associate program committee (APC) from 12 to 56 members. In 2018, we established three paper submission tracks, recognizing the differences in scope and review criteria between (1) CS education research and practice, (2) experience reports and tools,

and (3) new curricula, programs, degrees, and position papers. These innovations have made our reviewing process more inclusive and transparent, and will help us develop new expertise and leadership to foster excellence in computer science education.

SIGCSE 2018 will showcase the largest program in its history, with 17 parallel tracks! We have planned a new first-timers' session to help newcomers plan their attendance, expanded the number of submissions we could accept while ensuring high quality, grown from 3 to 4 poster sessions (including one for the ACM Student Research Competition posters), and invited presentations for two new tracks: a *TOCE and Sister conferences* track and an *Inclusion* track. These innovations invite new SIGCSE presenters and broaden the scope of sessions at the conference. To help you manage all these new features, we have also added a new conference app by Whova, where you can build a personalized schedule and message other conference attendees.

We hope that our new tracks for Inclusion and Sister journals and conferences will launch a new model of "cross-fertilization" opportunities for the SIGCSE community. At SIGCSE 2017, we piloted a special TOCE track with invited presentations of 8 recent papers from the Transactions on Computing Education (TOCE) journal. This year, we invited 14 TOCE papers, and invited presentations by SIGCAS, SIGGRAPH, SIGHPC, SIGITE, SIGCHI, SIGPLAN, and RESPECT. Our new Inclusion Track seeks to recognize and support groups that are underrepresented in computing and at the conference, including women, people with disabilities, people of color, historically black colleges and universities, Hispanic-serving institutions, community colleges, and more.

We have invited community leaders from ACM-W, ACM TYCEC, NCWIT, AccessComputing, ECEP, CAHSI, STARS, IAAMCS, CMD-IT, and CRA-W to design sessions to help our community find more ways to be inclusive.

For the first time, "Nifty Assignments" (a SIGCSE favorite, eighteen years running) became its own official track, with veterans Nick Parlante and Julie Zelenski serving as the first co-chairs. Nifty was a plenary session in 2017, but this year Nifty returns to its Saturday morning time as a regular session.

We have added a new team to our organizing committee, Puzzles, Social, & Board Games co-chairs who will coordinate activities, games and puzzles in the exhibit hall and elsewhere to allow us to connect with other participants, let our hair down and have fun together. We will also have a "headshot photo booth" in the exhibit hall to allow our attendees to take a professional headshot for their business cards, web pages and social media accounts.

A third poster session has been added to Saturday morning from 10am to noon, which complements the existing poster sessions on Friday morning (10am to noon) and Friday afternoon (3-5pm). Ninety posters were accepted this year providing the opportunity for presenters and attendees to connect on various topics throughout the conference.

Engaging students grows a new generation of SIGCSE members, and we invite you to volunteer to help mentor these young stars and become a judge for two student competitions. The Council for Undergraduate Research (CUR) is supporting three new \$150 awards for SIGCSE posters authored and presented by undergraduate students. The ACM

Student Research Competition (SRC) invites students from all computing fields to present their research, and SIGCSE 2018 has four undergraduate submissions and 19 graduate submissions. The SRC Poster session is Thursday afternoon from 1:45pm to 3:00pm3-5 pm. Top SRC poster presenters will be invited to present their work in the SRC final round Saturday morning from 8:45 am to 10 am. SRC and CUR competition winners will be announced at the keynote luncheon on Saturday. We invite members of the community interested in serving as judges for either the Council for Undergraduate Research award or the ACM Student Research Competition to contact the chairs Sarah Heckman (Posters, [posters@sigcse2018.org](mailto:posters@sigcse2018.org)) and Jessica Schmidt (SRC, [src@sigcse2018.org](mailto:src@sigcse2018.org)).

New awards recognize outstanding work within SIGCSE and showcase these achievements to ACM and beyond. At SIGCSE 2017, we expanded awards to include three Best Paper awards (for CS Ed Research, Experience Report, and New Programs), and Exemplary Paper awards. Exemplary Papers were the top 25% of the accepted papers that had no negative reviews, and best papers from each category were selected from among those with best paper nominations and top reviewer rankings. The same selection processes will be used this year to recognize best and exemplary papers in the three new tracks. We also plan to use our new SIGCSE 2018 conference app and online surveys for people's choice awards for posters, panels, special sessions, lightning talks, nifty assignments and demos. Look out for ways to vote!

SIGCSE 2018 is situated in Baltimore's Inner Harbor, bustling with live music and arts, harbor tours, restaurants, the Aquarium, and the Science Museum.

Baltimore is known as the Charm City for its beautiful neighborhoods, historic and African American heritage sites, festivals, and cultural events. Ride the water taxi from the inner harbor to historic Fells Point, founded in 1726 and designated as Maryland's first National Historic District. Today, Fells Point is known for its hip pubs with live music and seafood restaurants along the cobblestone streets, serving Chesapeake Bay crab and oysters. Baltimore was once home to luminaries Edgar Allan Poe and Frederick Douglass. Learn more about all Baltimore has to offer at the Visitor's Center, located a short walk from the Baltimore Convention Center, our amazing conference venue.

We are delighted to welcome our Exhibitors and Sponsors, who enrich the conference by showing off new technologies and tools to support computer science education. As of December 2017, our Platinum sponsors include GitHub, Google, Inc., InfoSys Foundation USA, Intel, and Microsoft. Gold sponsors include Oracle Academy, Vocareum, Inc., zyBooks, ABET, and Mimir. We look forward to visiting their booths, their supporter sessions, and meeting these champions who support CS education and our community.

We have an all-star lineup of keynote speakers. Brenda Wilkerson, President and CEO of the Anita Borg Institute, will give the opening keynote address on Thursday morning, February 22. Eric Roberts, recipient of the 2018 SIGCSE Award for Lifetime Service to the Computer Science Education Community, will speak at the First Timers' lunch. Tim Bell, recipient of the 2018 SIGCSE Award for Outstanding Contributions to Computer Science Education, will give the Friday morning keynote. Finally, Ruthe Farmer, Chief



Evangelist of the CSforAll Consortium, will keynote our Saturday lunch.

Plan to come on Tuesday night and stay through Sunday to get the most out of SIGCSE 2018! Choose from 11 pre-symposium events on Wednesday, including RESPECT 2018. You can attend up to three of our 34 workshops for hands-on learning offered Wednesday and Friday nights, and Saturday afternoon. Attend two of the 34 “birds of a feather” (BOFs) gatherings before the Thursday evening reception. Visit posters, demos, NSF project showcases, sponsors, and exhibits during our extended morning and afternoon breaks each day. Plan to attend a variety of papers, panels, special sessions, supporter sessions, lightning talks, nifty assignments, and the ACM Student Research Competition during the eight 75-minute conference sessions. Register by January 15 for the early discount at <http://sigcse2018.sigcse.org/index.html>.

Book your hotel rooms early, as our hotel blocks are already filling up. We look forward to seeing you at SIGCSE 2018 in Baltimore!



## 2018 Travel Grant Program Awards

By Adrienne Decker, SIGCSE Treasurer

The SIGCSE Board is pleased to announce the recipients of the 2018 Travel Grant Program awards. The Travel Grant Program was created thanks to the generosity of Henry Walker and provides faculty and teachers who have not previously attended the Symposium with up to \$500 in travel support to do so. This cycle, there were twenty-three applications, and nine awards were given.



Debasis Bhattacharya

Photo provided by Debasis Bhattacharya

Debasis Bhattacharya, is an instructor at the University of Hawaii Maui College, USA. As the PI for the CSP4HI project, an NSF CS4All RPP project, he is very interested in learning and networking at the conference to ensure the goal of the project is reached, to promote the introduction of AP Computer Science Principles in all the high schools in Hawaii.



Sharon Dearman

Photo provided by Sharon Dearman

Sharon Dearman is a computer science teacher and database administrator at Bishop Moore Catholic High School, in Longwood, Florida, USA. She has been involved with the creation of a computer club at her school and has been working on increasing enrollment for her AP classes, so much so that a new CS teacher may be needed to meet the demand. She is hoping to meet other educators from high school and college and exchange ideas for her classroom.



Huseyin Ergin  
Photo provided by Huseyin Ergin

Huseyin Ergin, is an assistant professor at Ball State University, USA. He is hoping to bring his experience from volunteering at programming and robotics camps from his time in grad school to growing a K-12 program at Ball State and using the symposium to help gather ideas and talk to others about growing this new program.



Francisco J. Gutierrez  
Photo provided by Francisco J. Gutierrez

Francisco J. Gutierrez, is an adjunct professor in the department of computer science at the University of Chile, Santiago, Chile. He is excited to be presenting a paper at this year's conference, *Coding or Hacking? Exploring Inaccurate Views on Computing and Computer Scientists among K-6 Learners in Chile* and meeting others in this community who can help grow his collaboration network and his research.



Jeffrey Hemmes  
Photo provided by Jeffrey Hemmes

Jeffrey Hemmes, is an assistant professor of computer science at Regis University, USA. Coming back to higher education after service in government, he is interested in understanding the current issues and trends in computing education and find out about new techniques and tools that he can apply in his classroom.



Anamary Leal  
Photo provided by Anamary Leal

Anamary Leal, is an assistant professor at Sonoma State University, USA Assistant Professor and is interested in designing technology to facilitate crafting and making as well as the educational ramifications of maker culture for informal learning of computing. She is hoping to find others interested in these same ideas as well as faculty from other liberal arts colleges to exchange ideas with.



Vinitha Hannah Subburaj  
Photo provided by Vinitha Hannah Subburaj

Vinitha Hannah Subburaj, is an assistant professor at West Texas A&M University, USA and is interested in ways to attract more women into computing disciplines and is currently working on ways to do so at Texas A&M. She is interested in meeting others working on similar projects and getting feedback and techniques that she can take back to integrate into her own project.



Erik Saule  
Photo provided by Erik Saule

Erik Saule, is an assistant professor at UNC Charlotte, USA and has recently become more involved in teaching undergraduate students through an NSF/IEEE-TCPP effort to rethink parallel computing education for undergraduate students by integrating parallel computing throughout the undergraduate experience. By gaining a better understanding of content and delivery techniques at the undergraduate and high school level, he hopes to help contribute to the success of this project.



Jorge Reyes Silveyra  
Photo provided by Jorge Reyes Silveyra

Jorge Reyes Silveyra, is an assistant professor at Muhlenberg College, USA. He was interested in attending the symposium because he considers that this conference is a great opportunity to be exposed to novel and established concepts as well as teaching methodologies in an appealing and inspiring environment. He is interested in taking these experiences back and sharing with his colleagues and begin to develop his own projects related to CS education.

Congratulations to all the recipients! The next round of applications will be reviewed in fall 2018, so watch for more information about applications during the summer.



## ACM Policy against Discrimination and Harassment

By Amber Settle, SIGCSE Board Chair

ACM has a policy on discrimination and harassment at ACM events, including conferences for all of its SIGS. The full policy can be found [here](#). The policy applies to all attendees at SIGCSE conferences and prohibits both general harassment and sexual harassment.

General harassment is understood to mean discrimination and conduct that constitutes or could contribute to harassment because of an individual's race or color, religion or creed, alienage or citizenship status, national origin, age, sex, sexual orientation, gender, gender identity or expression, disability, marital or domestic partnership status, military or veteran status, or any other characteristic protected by law in the city or state in which the conduct at issue occurs.

Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature can constitute sexual harassment, and sexual harassment includes (but is not limited to): unwelcome advances, propositions, and flirting, inappropriate touching, and graphic verbal comments about an individual's body or appearance.

Violations of the ACM policy can be reported to any of the following people or groups: the chair of the ACM event, the [SIGCSE chair](#), any [SIGCSE Board member](#), [ACM President](#), [ACM Chief Executive Officer](#), or [ACM Chief Operating Officer](#). The policy explicitly states that there should be no retaliation for reporting violations of the policy, and anyone who believes that they have experienced retaliation as a result of reporting violations should contact one of the people specified previously or in the policy statement.

The SIGCSE Board takes the enforcement of this policy very seriously. Anyone who experiences violations of the policy at a SIGCSE event is strongly encouraged to report it.

## An Interview with Access Computing

By Richard Ladner and Tiffany Barnes

It has been over ten years since the National Science Foundation established the Broadening Participation in Computing (BPC) Alliances. In a series of articles, we are checking in with these national organizations that support BPC. Today, we interview [AccessComputing](#), "The Alliance for Access to Computing Careers." This alliance was founded in 2005, and is currently led by Richard Ladner (PI), Sheryl Burgstahler (co-PI), Andy Ko (co-PI), and Jake Wobbrock (co-PI).



Photo: Provided by AccessComputing

### What does Access Computing do?

AccessComputing works to increase the participation of people with disabilities in computing fields and increase accessibility content in the computing curriculum. AccessComputing consists of three teams, University and Organizational Partners, Industry partners, and the Student Team. AccessComputing's 47 University and Organizational Partners make efforts to make their classes, departments, and organizations more welcoming and accessible to people with disabilities. These partners may make their websites accessible, host interns or speakers with disabilities, host workshops for faculty and staff, or teach about accessibility in their courses. AccessComputing's four Industry

Partners work to recruit and retain interns and employees with disabilities in technical roles. Industry Partners participate in workshops and access a resume database of students with disabilities in computing fields. Computing departments, organizations, and companies can learn more about becoming an AccessComputing partner by emailing [accesscomp@uw.edu](mailto:accesscomp@uw.edu).

AccessComputing also has over two hundred and fifty students with disabilities nationwide that are part of the Student Team. Students with disabilities in high school and 2-year, 4-year, and graduate school can apply to join the team [here](#). Team members participate in mentoring, career development activities, and can request funding for internships, tutoring, and conference travel.

**What is at least one surprising fact about your organization?** We're a nimble organization that meets partners and students where they are to find individualized ways to collaborate or provide support. Departments and organizations are unique and so the steps they need to take to be more welcoming and accessible and their bandwidth for any particular change are different. Likewise, depending on their disabilities or backgrounds, student may need different forms of support to be successful. As a result, AccessComputing treats partners and students as individuals, determining which interventions may best help an organization or student move forward.

**What is one lesson your organization has learned?** Disability is frequently omitted from conversations about diversity. Including disability in these conversations leads to a richer understanding of individuals' strengths and weaknesses and the ways in which the human experience

differs. Individuals may be leery of doing so because they lack expertise on disability. Some knowledge of universal design and a willingness to ask individuals with disabilities what they may need can be sufficient to create access for most individuals with disabilities.

**What opportunities do you have for ongoing engagement?** By participating in our AccessComputing Student team, students with disabilities can interact with AccessComputing on an ongoing basis. Professionals can join one of our online communities of practice related to computing education to share their perspectives and expertise and identify practices that promote the participation of people with disabilities in computing fields [here](#). In addition, professionals can apply for mini-grants to request funding for activities that promote AccessComputing's goals within their organization.

**Tell us about a recent event, and when is your next one?** AccessComputing participated as a sponsor and in several sessions at the [2017 Tapia Celebration of Diversity in Computing](#). At SIGCSE 2017, we held the [Making K-12 Computer Science Accessible workshop](#). In 2018, we will hold a Capacity Building Workshop in Seattle for our partners to engage in discussion and plan to make their classes, departments, or organizations more welcoming and accessible to individuals with disabilities or including accessibility in their computing courses.

AccessComputing has compiled this list of accessibility and disability-related events at [SIGCSE 2018 in Baltimore](#):

- Who Teaches Accessibility? A Survey of U.S. Computing Faculty, Thursday, 2:10 pm, in 319 (Paper)

- Enhanced Robotics! Improving Building and Programming Learning Experiences for Students with Visual Impairments, Thursday, 4:10 pm in 320. (Paper)
- Teach Access: Teaching the Design and Development of Inclusive Technologies for All, Thursday, 6:30 pm in 314 (Birds of a Feather)
- Designing CS Courses using Universal Design Concepts, Thursday, 6:30, in 310 (Birds of a Feather)
- 2018 Panel of Computing Students with Disabilities, Friday, 10:45 am, in 308 (Panel)
- Bridging the Research to Practice Gap with Project TACTICal Briefs, Friday, 3:00 pm, in Exhibit Hall (Poster)
- Teaching Inclusive Thinking to Undergraduate Students in Computing Programs, Friday, 4:35 pm, in 316 (Paper)
- Inclusive Teaching: Including those with physical disabilities and learning disabilities in computing courses, Saturday, 8:45 am, in 323 (Invited Inclusion Track Session)

Be sure to double check these dates and times in the [program for SIGCSE 2018!](#)



The AccessComputing project is funded by the National Science Foundation (grant #CNS-0540615, CNS-0837508, CNS-1042260, and CNS-1539179).

## November 2017 SIGCSE Special Projects Grants

By Sue Fitzgerald, SIGCSE Board Secretary

The SIGCSE Board is pleased to announce the November 2017 SIGCSE Special Projects grant awards. Three of thirteen applications were funded, with an acceptance rate of 23%.

### How Do We Teach Debugging?

[Andrew Luxton-Reilly](#), [Ewan Tempero](#)

University of Auckland, NZ

**Award:** \$4,850

Drs. Luxton-Reilly and Tempero will address the difficulties of teaching and learning debugging by undertaking a detailed study of existing resources. They will analyze debugging materials included in introductory textbooks after creating a taxonomy for analysis. After a rigorous search for online materials that teach debugging strategies, the authors will create an online repository that will be publicly available. In addition, a literature review of research relating to teaching debugging to novices will be published.

### An Analysis and Interpretation Framework for Student Engagement Benchmarking Data

[Michael Morgan](#), [Matthew Butler](#), Jane Sinclair, and [Chris Gonsalvez](#)

Monash University, AUS

**Award:** \$4,800

This project will provide a framework for analyzing benchmark data to improve student engagement in Computer Science. Currently there is no widely used systematic process to evaluate and interpret student engagement data. This project will develop an analysis framework which Computer Science departments can apply to their own data sets. Dr. Morgan's team will analyze the data set for the Australian Student Experience Survey from

2012 to 2016, comparing the performance of Monash University Computer Science courses against the performance of CS courses at other universities in Australia. Results will be interpreted through the lens of relevant student engagement literature. By performing this analysis, the project aims to provide other CS educators with a framework for the analysis of benchmarking data such as the North American National Survey of Student Engagement, the United Kingdom Engagement Survey and similar instruments.

### **CQDR: Clicker Question Data Repository**

[Jaime Spacco](#)

Knox College, USA

**Award:** \$4,000

Dr. Spacco will expand and improve an online repository of clicker questions that have been used in courses using Peer Instruction. An existing website ([peerinstruction4cs.org](http://peerinstruction4cs.org)) has complete slide decks for multiple courses containing clicker questions. This project will result in the addition of information about the questions including what percent of students answered the question correctly on the first and second votes; whether the question is an identical or modified version of a question used in a previous iteration of the course; and comments or suggestions from other PI instructors about the question. The data will help instructors to determine both the difficulty and the relative value of each clicker question. The repository will be publicly available.

The next deadline for submissions is May 15, 2018. See <http://sigcse.org/sigcse/programs/special/> for information. Proposers must be ACM/SIGCSE members.

### **NCWIT**

**By Eva Bradshaw**

NCWIT (National Center for Women & Information Technology) was chartered by the National Science Foundation (NSF) in 2004. We were founded by a trio of techies; Telle Whitney, Robert (Bobby) Schnabel and Lucy Sanders. Lucy is our fearless, feisty co-founder and CEO.

NCWIT convenes, equips, and unites change-leader organizations to increase the meaningful participation of **all** women in the field of computing, particularly in terms of innovation and development.

NCWIT ([ncwit.org](http://ncwit.org)) **unites** more than 1,100 universities, companies, non-profits, and government organizations. Grouped into five Alliances, our member organizations and their change-leader representatives carry out projects and initiatives in support of NCWIT's mission.

We **convene** at the NCWIT Summit on Women & IT annually. In May of 2017, we met in Tucson, Arizona and plans are underway for the 2018 gathering in Grapevine, Texas.

NCWIT **equips** change-leaders with free, online research-based resources to help implement change, raise awareness, and reach out to critical populations.

One lesson we have learned is that Just because you always hear it, doesn't mean it's true. While some small gender differences have been found, qualified research experts on gender, overwhelmingly agree that these differences in no way account for the patterns of job segregation and inequality that we see today. Period. End of story.

We invite you to meet us at the NCWIT reception at SIGCSE 2018 in Baltimore, MD, on Friday, Feb. 23 from 6-7 pm.

## Deadlines and Upcoming Dates!

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Jan 15 Last day for [SIGCSE Symposium](#) early registration and workshop rates

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Jan 15 [ITiCSE 2018](#) Abstracts for papers are due

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Jan 22 [ITiCSE 2018](#) Full papers and working group submissions due

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Feb 13 Last day for [SIGCSE Symposium](#) advance rates

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Feb 21-23 [SIGCSE Symposium 2017](#), Baltimore, Maryland, US

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Mar 16 [ITiCSE 2018](#) poster submission and tips, techniques and courseware proposals due

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Mar 28 [ITiCSE 2018](#) Working group membership applications close

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Mar 30 [ICER 2018](#) Abstracts for research papers are due

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April 6 [ICER 2018](#) Full research paper submissions due

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May 1 [ICER 2018](#) Doctoral Consortium submissions due

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Jul 2-4 [ITiCSE 2018](#), Larnaka, Cypress

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Aug 13-15 [ICER 2018](#), Espoo, Finland

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