

RESPECT 2015 Program

THURSDAY, AUGUST 13	
5:30-7:00	Dinner in 213 ABCD

FRIDAY, AUGUST 14 Morning & Early Afternoon Schedule	
7:45-8:45	Breakfast in 213 ABCD
8:45-9:00 213 ABCD	Welcome: Jamie Payton, Tiffany Barnes, George Thiruvathukal, Kristy Boyer, Jeff Forbes
9:00-10:00	Keynote: Accessibility and Beyond: Richard Ladner in 213 ABCD
10:00-10:30	<i>Break</i>
RESPECT 1: National Perspectives	
10:30-11:30 Session A Room 216	10:30-10:50 – Representation of Women in Postsecondary Computing 1990-2013: Disciplines, Institutional, and Individual Characteristics Matter (Stuart Zweben and Elizabeth Bizot)
	10:50-11:10 – Helping African American Students Pass Advanced Placement Computer Science: A Tale of Two States (Barbara Ericson and Tom McKlin)
	11:10-11:30 – STARS Computing Corps: Enhancing Engagement of Women and Underrepresented Students in Computing (Jamie Payton, Tiffany Barnes, Kim Buch, Audrey Rorrer and Huifang Zuo)
RESPECT 2: Gender and Computing	
11:30-12:30 Session B Room 216	11:30-11:50 – Leveraging Collaboration to Improve Gender Equity in a Game-based Learning Environment for Middle School Computer Science (Philip Buffum, Megan Frankosky, Kristy Boyer, Eric Wiebe, Bradford Mott, and James Lester)
	11:50-12:10 – Enabling Courage: Agentic Strategies of Women of Color in Computing (Apriel K Hodari, Maria Ong and Lily T Ko)
	12:10-12:30 – What Influences Female Interest and Persistence in Computing? Preliminary Findings from a Multi-year Study (Wendy Dubow and Laurie James-Hawkins)
12:30-2:00 213 ABCD	Lunch & BPC Fireside Chat: Tiffany Barnes (STCBP, moderator), Sheila Castaneda (CRA-W), Jeff Forbes (CDC), Ann Gates (CAHSI), Mark Guzdial (ECEP), Richard Ladner (AccessComputing), Kim McLeod (CMD-IT), Jamie Payton (STARS), Beth Quinn (NCWIT), Cheryl Seals (IAAMCS)
RESPECT 3: Sense of Belonging & Engagement	
2:00-3:00 Session C Room 216	2:00-2:20 – Strengthening the Computing Research Pipeline through Minority Participation (Ama Nyame-Mensah)
	2:20-2:32 – [short] Racial and Gendered Experiences that Dissuade a Career in the Professoriate (William Robinson, Ebony McGee, Lydia Bentley, Stacey Houston and Portia Botchway)
	2:32-2:44 – [short] Lesbian, Gay, Bisexual, Transgender, and Queer Students' Sense of Belonging in Computing (Jane Stout, Heather Wright)
	2:44-2:56 – [short] A Critical Research Sythesis of Privilege in Computing Education (Miranda Parker and Mark Guzdial)

FRIDAY, AUGUST 14 Late Afternoon Schedule	
3:00-4:00	RESPECT 4: Panel
Session D Room 216	You Should (And Can) Keep Diversity In Sharp Focus During the Enrollment Surge: Lisa Kaczmarczyk, Alvaro Monge, Jeff Offutt, Heather Pon-Barry, and Suzanne Westbrook
4:00-4:30	<i>Break</i>
4:30-6:00	RESPECT 5: BP Approaches & Lightning Talks
Session E Room 216	4:30-4:42 – [short] Encouraging Online Contributions in Underrepresented Populations (Denise Nacu, Caitlin Martin, Nichole Pinkard and Jim Sandherr)
	4:42-4:54 – [short] Julian Scholars: Recruiting and Graduating Low-Income, First-Generation Computer Science Majors (Gloria Townsend & Kay Sloan)
	4:54-5:06 – [short] The Impact of Meaningful High School Computer Science Experiences in the Chicago Public Schools (Ronald Greenberg, Lucia Detorri, Steven McGee and Dale Reed)
	5:06-5:18 – [short] BJC in Action: Comparison of Student Perceptions of a Computer Science Principles Course (Thomas Price, Jennifer Albert, Veronica Catete and Tiffany Barnes)
	5:18-5:30 – [short] Understanding the Attitudes of African American Middle School Girls Toward Computer Science (Ashley Robinson, Manuel A. Pérez-Quiñones and Glenda Scales)
	5:30 Lightning Talks
6:00-6:30	<i>Shuttle or walk to Discovery Place</i>
6:30-10:30	RESPECT Posters (6:30-8) & Reception @ Discovery Place

SATURDAY, AUGUST 15	
7:45-9:00	Breakfast in 213 ABC
9:00-10:00 213 ABC	Keynote: A Decade of Broadening Participation with STARS: Teresa Dahlberg

RESPECT 2015 Lightning Talks and Posters

Friday, August 14, 5:30 PM Lightning Talks in Room 216
5:30 – Multi-Track Programming Competitions with Scratch (Jason Arnold, Heather Bort, Ryan Naugle, Casey O’Hare and Dennis Brylow)
5:33 – Computing Outreach Literature Review (Adrienne Decker, Monica M McGill and Amber Settle)
5:36 – Recruitment Strategies to Increase Girls Selecting A Software Engineering High School (Leigh Ann Delyser and Yvonne Williams)
5:39 – EarSketch: a STEAM approach to broadening participation in Computer Science Principles (Jason Freeman, Brian Magerko, Doug Edwards, Roxanne Moore, Tom McKlin and Anna Xambó)
5:42 – Using App Inventor & History as a Gateway to Engage African American Students in Computer Science (Yerika Jimenez and Christina Gardner-Mccune)
5:45 – What if Intraverted Women Tend to Dislike Java and Object Oriented Programming? (Ronald Loui and Lucinda Caughey)
5:48 – On the benefits of specialized settings for deaf and hard of hearing students in computing (Jane Stout)
5:51 – Designing a Pre-Service CS Teacher Education Program with a Focus on Diversity (Philip Sweany)
5:54 – Exploring African-American Middle School Girls’ Perceptions of Themselves as Computational Algorithmic Thinkers and Game Designers Through Reality Confessionals (Jakita Thomas)
5:57 – It’s All In The Mix: Leveraging food to increase Afrian-American women’s persistence in Computer Science (Jakita Thomas and Yolanda Rankin)
Friday, August 15, 6:30 - 8:00 PM RESPECT Posters @ Discovery Place
Uncovering Barriers to Participation Through Mapping Citywide Computing Opportunities: What do we mean by access? (Ugochi Acholonu, Nichole Pinkard, Katie Pingrey and Brandon Bell)
Broadening Participation Through Collaborative Data Visualization Applications A Comparative Review of a REU Site Application Process (Vetria Byrd)
BPViz: Broadening Participation in Visualization (Vetria Byrd)
Educational Design Implications for Broadening Participation (Clara Cahill and Leigh Ann Mesiti)
Exposing Rural African American Students to Computer Science as a Career Choice Using Robots (Edward Dillon and Monica Anderson-Herzog)
Broadening Participation in Computing for Students with Autism (Kurt Eiselt and Paul Carter)
Employing narratives to trigger interest in computational activities with inner-city girls (Sheena Erete, Caitlin K. Martin and Nichole Pinkard)
Tech Girls Shine (Hillary Fleenor, Britni Alexander and Radhouane Chouchane)
Opening Doors to Communities of Practice: Programmatic Interventions for Inclusion in the Computing Sciences (Mary Ann Leung and Connie L. McNeely)
Leveraging Youtube for Women in Technology (Angela Li and Scott Heggen)
The Connected Learner: Design Patterns for Transforming Computing and Informatics Education (Mary Lou Maher, Bojan Cukic, Jamie Payton, Celine Latulipe, Steven Rogelberg and Audrey Rorrer)
Developing Focused Recruitment Strategies to Engage Youth in Informal Opportunities (Caitlin Martin, Sheena Erete and Nichole Pinkard)
Computing Pre-College Program: Initial Impact to First-Year Student in Computer Science (Jean Muhammad and Chutima Boonthum-Denecke)
Improving Academic Quality in a Computer Science Graduate Program to Promote Student Success in Hispanic/Latinos and other Underserved Populations (Greg Simco and Meline Kevorkian)
Computing in the 21st Century (Cheryl Swanier)