BEST OF RESPECT, PART 2

11 Guest Editors’ Introduction
Tiffany Barnes, Jamie Payton, George K. Thiruvathukal, Kristy Elizabeth Boyer, and Jeff Forbes
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14 African-American Middle School Girls: Influences on Attitudes toward Computer Science
Ashley Robinson, Manuel A. Pérez-Quimones, and Glenda Scales
The number of women in computing is significantly lower than the number of men, with African-American women making up an even smaller segment of this population. A recent study reveals that African-American middle school girls generally have negative attitudes toward computer science, but that those feelings can change through intervention.

24 Lesbian, Gay, Bisexual, Transgender, and Queer Students’ Sense of Belonging in Computing: An Intersectional Approach
Jane G. Stout and Heather M. Wright
The field of computing is rapidly developing, requiring a strong and diverse labor force. However, the results of two studies indicate that LGBTQ undergraduate and graduate students think about leaving computing degree programs due to a low sense of belonging in the computing community.

32 Julian Scholars: Broadening Participation of Low-Income, First-Generation Computer Science Majors
Gloria Childress Townsend and Kay Sloan
Using funding from the US National Science Foundation, DePauw University launched a program for low-income, first-generation scholars in STEM fields. Cornerstones of the Julian Scholars program include a week-long summer research experience bridging high school and college, common classes for each cohort, mentoring, one-on-one resume and internship/research counseling, and scholarships.

44 STARS Computing Corps: Enhancing Engagement of Underrepresented Students and Building Community in Computing
Jamie Payton, Tiffany Barnes, Kim Buch, Audrey Rorrer, Huifang Zuo, Kinnis Gosha, Kristine Nagel, Nannette Napier, Ebrahim Randeree, and Lawrence Dennis
A study on the impact of participation in a national community for broadening participation in computing found many benefits for undergraduate computing students who engage in related projects, including academic, career, and personal benefits, with students who are underrepresented in computing experiencing the most benefit.

58 Enacting Agency: The Strategies of Women of Color in Computing
Apriel K. Hodari, Maria Ong, Lily T. Ko, and Janet M. Smith
Research on marginalized groups in STEM fields commonly overlooks those who persist and succeed, characterizing groups such as women of color as passive victims instead of active agents in their own achievements. Focusing on women of color who are successfully staying in STEM helps us focus on the ways they enact that agency.

For more information on these and other computing topics, please visit the IEEE Computer Society Digital Library at www.computer.org/csdl.
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