FY22 Annual Report – CCECC

Committee for Computing Education in Community Colleges

Members

- Cara Tang, Portland Community College, chair
- Markus Geissler, Cosumnes River College, vice-chair
- Cindy Tucker, Bluegrass Community and Technical College, member
- Christian Servin, El Paso Community College, member

Overview

A standing committee of the ACM Education Board since 1991, the global mission of the CCECC is to serve and support community and technical college educators in all aspects of computing education. The CCECC engages in curriculum and assessment development, community building, as well as advocacy in service to this sector of higher education. For more see ccecc.acm.org/about.

Accomplishments

- Physical presence (first time since COVID) at SIGITE 2021 and SIGCSE 2022 with booth representing both ACM CCECC and ACM2Y
- Lightning talk at SIGCSE 2022 on Bloom’s for Computing project
- Published IronDog draft of Bloom’s verbs for computing and received feedback from a variety of constituents; working on publishing final draft by the end of the calendar year
- Continued to support ACM2Y, a membership group for those interested in computing education in two-year programs
- Contributions to CS202X with a CCECC member serving on the steering committee
- Contributions to ACER committee (Actionable Computing Enrollment and Retention data)
  - Published paper in Inroads on non-retained students including associate program data
- Contributions to NDC study: published paper including data on associate programs in NDC report for the first time
- Continuing presence at various conferences, both in-person and virtual (such as SIGITE, SIGCSE, 3CS, CCSC conferences, ITiCSE, NICE) to support and build community, get feedback, and disseminate publications
- Continuing outreach via our web site, educator mailing list, social media, YouTube channel
Future Plans

- Continue dissemination and promotion of ACM curriculum guidelines for two-year programs
- Publish the *Bloom’s for Computing* report, an important tool to facilitate formulation of computing-based competencies / learning outcomes
- Investigate guidelines for two-year Data Science programs
- Continue to partner with and support the growth of ACM2Y, a group within ACM to support and engage community college educators and bring together all with an interest in computing education in two-year programs globally
- Continue support of other ACM groups and projects with community college perspective, as appropriate (examples: CS202X task force and other ACM curriculum projects; SIGCSE community college liaison; contributions to ACER, NDC study)
- Continue presence at conferences and outreach via various channels
- Continue maintaining web site as a resource for educators, and educator mailing list

Submitted by Cara Tang, CCECC Chair, July 23, 2022