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