Experience Summary Narrative Statement

Conference: ACM Special Interest Group – Computer Science Education

Dates: 3/2-5/16

Location: Memphis, TN

Attendee: Nancy E Binowski

This annual conference is designed for Computer Science educators of all levels from Kindergarten to Doctoral Degree programs. Over 1200 computer science educators were in attendance from all over the country and the world.

Activities Attended:

I attended various panels, paper discussions, plenary sessions and visited many different vendors and exhibitors including the following:

- Cognitive Load Theory and Computer Science Education
- Rediscovering the Passion, Beauty, Joy and Awe: Making Computing Fun Again
- Teaching Mobile Development with Pair Programming
- Technology We Can’t Live Without
- ACM Joint TaskForce on Cybersecurity Education
- Plenary Session: CS Education: Catching the Wave (Jan Cuny, Program Director for Broadening Participation and Education in Computing, NSF)
- Scrum & Agile Methods in Software Engineering Courses
- Booming Enrollments – Survey Data
- NCWIT Academic Alliance Reception
- Community College Reception
- Various Exhibitors – ABET, CISSE, publishers, Google, Intel

Value: There was rich content at these sessions and panels including new tools, techniques and insights which are directly applicable to our computer science programs and curricula. I plan to share many of these findings at future department meetings as well as the next CCM Faculty Technology Meetup. Tools which engage students, improve quality of instruction and improve retention will be shared. In addition, discussions with ABET, CISSE and various publishers at the Exhibit hall was also beneficial. This provided exposure to the services and offerings of these organizations. Discussions with NCWIT will enable us to engage in a program for recruitment of Women in IT.

I will be promoting this high-value conference for other department members to attend next year’s conference. I also plan on joining a few other regional organizations which I learned about at this conference including the ACM CCECC – Committee for Computing Education at Community Colleges and CCSC – Consortium for Computing Sciences in Colleges.