# ANNUAL REPORT
## of the
## ACM TWO-YEAR COLLEGE EDUCATION COMMITTEE
### for the period
### July 1, 2007 - June 30, 2008

*Dr. Elizabeth K. Hawthorne provides the following report on the activities of ACM's Two-Year College Education Committee:*

## MEMBERSHIP:

| Name | Committee Position | Title | Affiliation | Email Address |
|---|---|---|---|---|
| Elizabeth K. Hawthorne | Committee Chair | Senior Professor | Union County College | ehawthorne@acm.org |
| Robert D. Campbell | Member | Vice-President of IT | Graduate Center CUNY | rcampbell@gc.cuny.edu |
| Karl J. Klee | Member | Professor | Alfred State College | kleekj@alfredstate.edu |
| Anita M. Wright | Member | Assistant Professor | Camden County College | amwright@acm.org |

## PURPOSE:

The Two-Year College Education Committee (TYCEC) is a standing committee (since October, 1991) of the ACM Education Board. The Committee is concerned with all education issues that affect computing at two-year colleges and in two-year degree programs. The primary purpose of the Committee is to provide curriculum recommendations in all areas of computing for such degree programs. The Committee may also make recommendations on other educational matters affecting such programs.

## The TYCEC achieved the following milestones in FY08:

- reconstituted the leadership and membership of the TYCEC by adding Anita Wright as a member and appointing Elizabeth Hawthorne as chair.
- executed research and collaboration activities in preparation for updating the associate-degree Information Technology curriculum guidelines by providing feedback on the baccalaureate IT report and by visiting and learning from the following NSF ATE centers: National Workforce Center for Emerging Technologies (NWCET) at Bellevue Community College in Washington; Boston Area Advanced Technological Education Connections (BATEC) at the University of Massachusetts in Boston, and the National Center for Telecommunications Technology (NCTT) at Springfield Technical Community College in Massachusetts.
- cooperated with the committee that worked on the five-year interim report to update the Computer Science curriculum, and consequently,

are in the process of updating the associated two-year college education curriculum guidelines in Computer Science.

- participated in the Computer Science Education NSDL workshop during April 2008.
- submitted a grant proposal to the National Science Foundation to conduct a Strategic Summit on the Computing Education Challenges for Community Colleges.
- continued its dissemination and outreach activities, including mailings, website enhancements, conference sessions and exchanges with colleagues, as well as participation with the ACM Education Council. The members of the TYCEC conducted both a birds-of-a-feather and poster sessions at SIGCSE 2008.
- continued to inform constituents of its activities via the regular column in the SIGCSE Inroads publication, *Community College Corner*.
- established a wiki for use by the committee members and the two-year college community – http://wiki.acmtyc.org.
- furthered the internationalization of its work, including a poster session presented at the June 2008 ITiCSE conference in Madrid, Spain.
- supported the goals and objectives of the ACM Education Council.

**and plans to pursue the following activities in FY09:**

- conclude an associate-degree transfer guidelines in computing report that will initially include CS, CE, and SE, and eventually also include IS and IT once those baccalaureate reports are update and approved by the ACM Education Board.
- initiate a major undertaking to craft an associate-degree career guidelines in computing report and companion pedagogy compendium.
- attend the NSF funded SAME-TEC 2008 Seamless Connections convention.
- present already-accepted poster session at the annual SIGITE conference to continue research and collaboration efforts toward crafting the associate-degree curriculum transfer guidelines in Information Technology.
- if our NSF grant proposal is funded conduct a *Strategic Summit on the Computing Education Challenges for Community Colleges* as well as produce and disseminate the summit proceedings.
- continue its dissemination and outreach activities, including mailings, website enhancements, conference sessions and exchanges with colleagues, as well as continuing our SIGCSE Inroads column and participating with the ACM Education Council (and perhaps present at the December 2008 meeting in San Diego, CA).