The Maryland Center for Women in Computing

The Maryland Center for Women in Computing (MCWIC) works to increase diversity in all fields of computing by providing opportunities for women and other underrepresented minorities to engage with and contribute to the technical community through research, education, outreach, and partnerships.

- supports, educates, and mentors women majoring in computing fields at the University of Maryland (UMD)
- collaborates with the K-12 community in order to encourage all students to learn computing
- sustains a vibrant community of scholars, researchers, students and educators working together to increase the involvement—and success—of women interested in earning a computer science or related degree
- fosters a supportive, collaborative community for UMD undergraduate and graduate women studying computing through a dedicated learning/meeting space
CompSciConnect
Computer Science Connect is a summer camp that introduces middle school girls—as well as boys from underrepresented groups—to computing. During the three-year program, students learn a broad range of computing curriculum including programming robots, developing dynamic web pages, and creating basic virtual reality games.

MCWIC Ambassadors
Each year, undergraduate students are selected to be MCWIC Ambassadors. Ambassadors visit local middle schools for after school outreach, host workshops for high school students, lead robotics workshops for Girl Scouts, and support CompSciConnect continuing education weekends. This experience encourages Ambassadors to support one another while teaching the next generation of computer scientists.

Professional Development
MCWIC provides professional development opportunities for its students. Events range from insightful talks by industry leaders or faculty from other universities to panels and roundtable discussions. Topics include interviewing, graduate school preparation, adjusting to the workforce, finding mentors, and more.

Grace Hopper Celebration
With the support of donors and corporate sponsors, MCWIC is able to provide funding for at least 40 students to attend the annual Grace Hopper Celebration of Women in Computing.

Contact mcwic@cs.umd.edu or 301-405-7615 for more information.