



MARYLAND CENTER FOR WOMEN IN COMPUTING

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2016-2017 Report

K-12 Outreach

Programs and events geared toward expanding the pipeline

Overview

- 34 Outreach Events
- Over 1000 students reached
- 4 Sessions of CompSciConnect (computing camp for middle school girls)
- 2 after-school outreach programs per semester
- 15 Undergraduate students hired to support programs

NCWIT Aspirations

- Outreach to High School Women in Computing
- Approximately 50 students recognized each year
- Award Ceremony held at UMD each year
- Aspire IT outreach grants to high school students

CompSciConnect 2016

- 3 year summer camp (started in summer 2012)
- 75 students in the camp with 60 continuing each month during the school year
- 7 undergraduate student staff

Professional Development/ Community Building

Programs and support resources given to current UMD students

- MCWIC Lounge access given to over 100 students
- 21 different events
- 802 students/professionals served (not unique)
 - Social Events
 - Professional Development Workshops (resume building, networking, prep for GHC)
 - Grace Hopper- October 19-21, 2016 in Houston TX
 - UMD Total Delegation: 56- 3 faculty/staff, 53 students

Diversity in Computing Summit- November 7th, 2016 at UMD

- 19 exhibitors, 6 advocate sponsors
- 248 registrations, 205 attendees
- 18 breakout sessions and panels
- 2 keynote/plenary speakers
- \$15,500 raised for the Maryland Center for Women in Computing programs

Tutoring

Pilot tutoring program for intro computer science classes launched Fall 2016

Fall 2016- CMSC 131

- 2 Tutors Hired
- 100 total tutoring appointments
- Weekly drop-in hours and over 10 hours of 1:1 appointments available

Spring 2017- CMSC 131 & 132

- 4 Tutors Hired
- 150 total tutoring appointments
- Weekly drop-in hours and over 16 hours of 1:1 appointments available

Plans for 2017

- CompSciConnect expanded to 6 sessions with 130 total students
- High School Recruiting Event planned for Sept 30
- Expand after-school outreach program with 1 additional program
- Expand to a second NCWIT AspireIT grant at a second high school/middle school program
- 70 students attending the Grace Hopper Celebration in Computing Conference
- Expand tutoring program to include CMSC 131,132, 216, and 250
- Diversity in Computing Summit moved to March 2018
- New MCWIC Advisory Board to form Fall 2017

Support for MCWIC 2016-2017

Industry:

AFCEA Bethesda

Amazon Web Services

University of Maryland College of Computer, Mathematical, and Natural Sciences

Capital One

Leidos

Laboratory for Telecommunication Sciences

Northrop Grumman

NSA

Oculus

ORAU

Paypal

Yahoo! Labs

ValidaTek

JP Morgan and Chase

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