Subject: Youngstown State University ACM-W: School Activities

Name: YSU ACM-W

Address: 1 University Plaza, Youngstown, OH, 44405

Members:

Member Name	Position	E-mail
Jenna Wise	President	jlwise@student.ysu.edu
Kaitlyn Glodde	Vice President	kmglodde@student.ysu.edu
Tasha Wells	Treasurer	tmwells@student.ysu.edu
Alexandra Fountaine	Web Manager	afountaine@student.ysu.edu
Alyssa Pawluk	Secretary	alpawluk@student.ysu.edu
Bonita Sharif	Faculty Advisor	bsharif@ysu.edu
Alina Lazar	Faculty Advisor	alazar@ysu.edu

Youngstown State University's (YSU) ACM-W chapter is a student run group that focuses on the recruitment and retention of women in computing fields. We aim to encourage women who are pursuing technological careers and attract individuals who want to make a difference in the lives of those pursuing similar interests. YSU's ACM-W chapter welcomes all genders and individuals who are interested in computing and in encouraging minorities to pursue education in computing. Currently, we house 18 members and we are always looking to expand. Typically, our members are computer science majors, but we have those pursuing degrees in mathematics, engineering, psychology, database administration and computer information systems.

At Youngstown State, we have 91 students enrolled in our computer science program, 52 in computer information systems and 136 in information technology. Overall, there are 279 students enrolled in computing related majors on our campus.

Website: http://ysuwomen.hosting.acm.org/

For ACM student chapters that have made significant contributions to their own schools through one major service project or a series of smaller projects. Tell us about projects that help your fellow students, your department, or your school in general. Tell us about each project, how many people participated, and how it helped your school. If you have Web pages for these projects, include the URLs. (Note, if you have worked on projects to help other schools, for example neighboring high schools, apply for the Community Service award rather than the School Service award.)

Youngstown State University's (YSU) ACM-W chapter has made significant contributions to YSU throughout the past academic year. We hosted a demo table at the Canfield Fair (http://canfieldfair.com/about/) and at the OH WOW! Children's Center's Silly Science Sunday (http://ohwowkids.org/7-days-of-stem/) for the YSU STEM booth. Roughly 50-75 people interacted with our table at the Canfield Fair and roughly 20-30 people interacted with our table at Silly Science Sunday. The crowds interacting with our tables consisted of elementary and middle school aged children and their parents. At those tables, we demonstrated our eye tracking asteroids game (a game where you destroy asteroids with your eyes) and our Ozzobots (robots that students at YSU programmed to follow paths based on certain colors). ACM-W helped the YSU STEM College with community outreach and recruitment at these two events. ACM-W also participated in Computer Science and Information Systems (CSIS) recruitment at the IGNITE STEM Resource Fair (http://cms.ysu.edu/administrative-offices/student-success/orientation/orientation) on campus, where we talked to around 60 incoming freshmen about our group and the CSIS department. We ran a workshop on decimal to base 2 conversions and error checking with bits with 15 middle school to high school girls at WiSTEM day (http://cms.ysu.edu/college-science-technology-engineering-and-mathematics/biological-sciences/women-science). At WiSTEM day, various activities are conducted to expose students to the fun and intriguing side of STEM at YSU. Recently, our ACM-W chapter brought Dianne Foreback to YSU to speak about Packet Efficient Implementation of the Omega Failure Detector (https://www.facebook.com/events/750690228438180/) in front of 7 computing majors.

We also held a Jumpstart Inc. Technical Panel (https://www.facebook.com/events/1344105322321363/) for 30 students, faculty and staff at YSU. At this event a group of entrepreneurs discussed gender equality in technical start-ups. Events like these increase our students, faculty, and staff's knowledge, marketability and compassion. We wish to continue participating in and hosting these events and we hope to attract more women to pursue degrees in computer science and STEM related fields.