

Chapter Name

ACM-W - The Ohio State University Chapter

Chapter Address

ACM-W
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About The Ohio State University

<https://www.osu.edu/>

The Ohio State University is one of the nation's top-20 public universities with a recognized medical center, research center, and campuses throughout the state of Ohio. The University is dedicated to educating a diverse body of students to become engaged leaders and citizens of a global community. The institution is committed to excellence in teaching and learning, research and innovation, outreach and engagement, and resource stewardship.

About ACM-W OSU Chapter

The Ohio State University's ACM-W Chapter supports and empowers women interested in computer science, technology, and other STEM fields. Ohio State's ACM-W chapter focuses on empowering and advancing its members by providing the following opportunities: workshops to help members develop professional and personal skills, company-sponsored talks to connect members with career opportunities and allow them to learn about industry trends, and socials to provide students a chance to form a supportive and inclusive network in Ohio State's technology community.

The chapter is an active, event-based organization that hosts weekly activities which benefit not just members who attend, but also Ohio State's community as a whole. From Autumn 2016 - Spring 2017, ACM-W hosted 39 events, partnered with 44 industry partners, sent 12 girls to the Grace Hopper Celebration conference and volunteered over 120+ hours around campus. It is a leading organization in the College of Engineering and has sustained strong partnerships with corporate sponsors, including Google, Microsoft, Amazon Web Services, local companies, and nonprofit

organizations. These corporate sponsors host tech talks and networking events that connect our members with career opportunities.

Corporate sponsors, along with university entities, have also helped this chapter provide scholarships for members to attend the Grace Hopper Celebration, the largest conference for women in computing. Interested members are required to apply to external scholarships and submit an essay application to be considered. This past year, the chapter fully sponsored 7 female members, with an additional 5 members who won external scholarships.

Through its outreach programs, ACM-W OSU is also raising awareness of computer science educational and career paths to young girls who may not have access to computer science education. Because young girls are often deterred from pursuing STEM fields early in life, ACM-W OSU is actively working to reverse this trend by introducing girls to STEM and giving them role models and mentors to look up to. Ohio State's ACM-W chapter is also one of the student organizations in OHI/O, a consortium of student groups on campus with the mission of fostering a tech culture at Ohio State. The chapter provides important talent, resources, and connections for the consortium. As of the 2016-2017 school year, ACM-W members have made up 70% of the leadership in OHI/O, and have made an active effort to diversify the campus computing community by growing computer science interest among students of all majors, genders, and experience levels to explore computer science.

ACM-W Membership

ACM-W Membership (2016-2017)	
Active General Members (>5 meetings/semester)	25
Average Attendance Per Meeting	33.32
Unique Attendees	279
Max Attendance	129
Weekly Newsletter Subscribers	355

Typical majors of ACM-W members: B.S. Computer Science and Engineering, B.S. / B.A. Computer and Information Sciences, B.S. Data Analytics

Computer Science at Ohio State

B.S. Computer Science and Engineering (CSE)			
	Female	Total	Percentage Female
CSE Pre-Majors	89 (14.5%)	615	14.5%
CSE Majors	88 (12.7%)	695	12.7%
Total	177 (13.5%)	1310	13.5%

Essay: Outstanding Chapter Activities

Grace Hopper Celebration Student Sponsorships

The Grace Hopper Celebration Conference is the world's largest conference for women technologists. This chapter sent 12 women in total to the conference through a combination of fundraising from the Department of Computer Science and Engineering, the College of Engineering, Undergraduate Student Government, and Harris Corporation and through scholarships received from Google, Microsoft, Facebook, and the Anita Borg Institute. The conference provided members with the opportunity and confidence to succeed in the field – through finding career opportunities through career fair and networking sessions or personal and professional development through the workshops, speakers, and seminars.

HackOHIO 2016

ACM-W members led the sponsorship, mentorship, and outreach teams for Ohio State's annual hackathon, HackOHIO, increasing attendance to 775 students, number of mentors to 100+, and number of industry partners 75+. To raise funds to support a 24-hour event for over 800 attendees, ACM-W members drove the sponsorship efforts and established HackOHIO as an "OSU Signature Event" - events that are deemed an integral part of the Ohio State University's student body experience. HackOHIO 2016 also achieved a 25% increase in female attendance from the typical gender ratio in CS classrooms.

High School I/O

ACM-W OSU alongside OHIO, Ohio State's hackathon program, planned the first high school hackathon hosted in the state of Ohio. Fifty students attended from 13 local high schools and one out-of-state school. The event had 7 professional workshops on topics such as UI/UX, drones, hardware, data mining, web development, VR, and mobile development.

Buck-I-Code K-12 Outreach Programs

ACM-W OSU has collaborated with local chapters of Girls Who Code and CoolTechGirls, nonprofits with the mission of closing technology's gender gap. ACM-W OSU also hosts an annual event called Buck-I-Code, a free introduction to CS workshop for girls ages 10 -15. Participants learn basic programming and program handheld robots by the end of the day. Since access to computer science education is not always readily available and is often costly, ACM-W aims to provide these girls an inclusive and supportive environment where they

can learn Computer Science skills. From many of these events, students have reported a significant increase in STEM interest afterwards.

Lean In / Socials

ACM-W OSU hosts a variety of weekly events every year, but the events that truly impact members are Lean-Ins and Social events, where girls are able to build friendships and strengthen their community at Ohio State. As examples in this past year, we've hosted a luncheon with Google, a Game Night with Microsoft, an ice cream social for incoming freshmen women, a Quiz Bowl to build relationships between students and professors, and several Lean-In sessions.

Professional Talks / Tech Talks / Workshops

This chapter has hosted many talks and workshops with different companies, such as General Electric, Harris, Capital One, and Google. These talks provide members with new professional skills as well as job and internship opportunities. Frequently, these talks will showcase women leaders in technology as well, to be role models for our members.