The Ohio State University

Association of Computing Machinery
Women's Chapter

Fall 2015 - Spring 2016
Year in Review

Contents:

Report created by Winnie Li

About Us

Mission

The mission of ACM-W is to engage women in activities and projects that aim to improve the working and learning environments for women in computing by mentoring and role modeling, volunteering and teaching others, encouraging other women to get involved in CS, and providing historical information about women and their roles and contributions within the field of computer science.

The Ohio State Chapter of the ACM-W was chartered on May 13, 2003. Our membership is open to all students interested in furthering the mission of the ACM-W, male or female, undergrad or grad, etc.

ACM-W Board

Fall 2015

President: Winnie Li
Vice President: Ariane Krumel
Secretary: Olivia Whitman
Treasurer: Sophie DeRosa
Web Master: Lynn Lee
Consultant: Grace Wannemacher

Spring 2016

President: Winnie Li
Vice President: Sophie DeRosa
Secretary: Olivia Whitman

Advisors

Chapter Advisor: Chris Stewart
Chapter Founder: Bettina Bair
Professional Mentor: Rosi Wyan

Events

Fall 2015

August

8/23 Fall Involvement Fair
8/27 WiE Fall KickOff Event
9/3 Ice Cream Social

September

9/8 Marathon Information Session
     (hosted with ISA)
9/10 Lean-In Discussion + Pizza
9/17 Tech Talk with Aver:
     "Technology & the Healthcare Industry"
9/18 CoE: Students Activities Fair
9/24 Tech Talk with Harris: "College to Career"
9/29 Distinguished Speaker: Viral Kadakia
     "Power of Big Data and How to Get
     Hired at a Billion Dollar Startup"
     (hosted with BDAA)

October

10/2 Fall Picnic: OHI/O Team Formation Social
10/8 Potluck Social
10/13 Tech Talk with Lockheed Martin
10/14 - 10/16 Grace Hopper Celebration
     Conference
10/20 Apple OHI/O Pre-hype event:
     ResearchKit Demo
10/20 Google: Pumpkin Painting Social
10/24 Outreach Event with Cool Tech Girls
10/29 Lean In Discussion Circle: Women, Work
     and the Will to Lead

November

11/3 ACM-W Alumni Speaker: Jamie Dickens
11/14 - 11/15 OHI/O Hackathon
11/19 ACM-W Facebook Firechat

December

12/3 Insomnia Cookies Study Session

Spring 2016

January

1/20 Semester Kickoff - Mentor/Mentee
1/21 WiE Spring KickOff Event
1/27 "Technical Interview Prep" Workshop

February

2/3 Tech Talk with Harrs:
     "Embedded Software Design"
2/10 Annual Quiz Bowl with UPE
2/12 "Gal"entine's Social
2/17 SORA Awards
2/24 Tech Talk with Epic: "Device Integrations

March

3/2 GHC Info Session
3/9 "How the Internet Works" Workshop
     (hosted with CWDG)
3/23 "Intro to Linux & FOSS"
3/26 Buck-i-Code Workshop
3/30 Tech Talk with Persistent System's (CTO)
     "2016 Predictions: Eight Game Changing
     Digital Technologies for Enterprise
     Transformation"

April

4/6 Tech Talk with HMB "College to Enterprise"
4/8 Spring Picnic / ArchE Week
4/11 GDI Code + Coffee
4/13 FutureFuel Demo
4/29 Microsoft Game Night

Year in Review

By the numbers:

38 total events

120+ volunteer hours

16 company partner events

100+ event participants

12 students sent to Grace Hopper

Organizational Accomplishments

Weekly Meetings
Weekly Newsletters
Lean - in Chapter
Collaboration with Student Organizations
Mentor/Mentee Program

Outreach Initiatives

GirlsWhoCode

Fall 2015, Mondays @ Dominion Middle School

ACM-W sent 2- 3 volunteers every week to Dominion Middle School, where ACM-W has founded a Girls Who Code chapter, to lead sessions on CS to a class of about10 girls from 6 - 8th grade.

CoolTechGirls Workshop

October 24, 2015 @ Baker Systems Engineering

ACM-W partnered with the non-profit CoolTechGirls and Cardinal Health to host a fun workshop for 30 girls ages 10 - 15. With the help of the Information Systems Association, ACM-W had 10 volunteers to help mentor the girls in various activities with Code.org, Scratch, and Made with Code.

Buck-i-Code

March 26th, 2016 @ Dreese Labs

ACM-W hosted a free one day computer-science workshop for girls ages 10 - 15. The workshop aimed to enable girls to see the power and fun of programming. Activities included interactive programming with Scratch, real life applications of Computer Science, and basic programming of FinchBots.

Interest: 48 sign ups

Total Attendance: 33 girls

Volunteers: 10 total volunteers (6 non ACM-W members)

Photos: go.osu.edu/buckicode2016

Dr. Sivilotti leading a "Intro to CS" and Scratch workshop.

On Campus Involvement

Recruiting Efforts

Events:

8/23   Fall Involvement Fair

8/27   WiE Fall Kickoff Event

9/18   College of Engineering
          Activities Fair

1/21   WiE Diversity Kickoff

In-class announcements were made in CSE courses throughout the year. ACM-W focused on recruiting first and second year students to develop a long lasting supportive community and provide mentorship to younger students throughout their college experience.

Arch-E Week

April 8, 2016 @ Dreese Labs Lobby

ACM-W hosted the annual Spring Picnic as part of the College of Engineering's Architecture & Engineering Week, a week-long series of events, sponsored by Engineers' Council and hosted by engineering organizations to celebrate all disciplines of engineering and architecture. The 2016 Spring Picnic had a record of **100+ students** in attendance.

Collaboration with Student Organizations

Events:

8/27   Marathon Information Session (hosted with ISA)

9/29   Distinguished Speaker: Viral Kadakia (hosted with BDAA)

3/9   "How the Internet Works" Workshop (hosted with CWDG)

ACM-W expanded it's reach and impact throughout campus by working with diverse student organizations both within the Department of Computer Science & Engineering and outside.

On Campus Involvement

OHI/O 2015

Nov. 14th - 15th @ The Ohio Union | hack.osu.edu

ACM-W helped organize the OHI/O 2015 Hackathon, more than doubling the student attendance to 500+ participants, increasing industry partner count from 10 to 23 and co-hosting two pre-hype events.

Pre-Hype Events

10/2   Fall Picnic & OHI/O Team Formation Social with Brooksource (OHI/O Sponsor)
10/20   Apple Presents Demo of ResearchKit

The annual ACM-W fall picnic, sponsored by Brooksource, was held in partnership with OHI/O as a team formation event for the 2015 Hackathon. This was the largest event ACM-W held in Fall, with an attendance of 32 students.

ACM-W Winning Team "Joan-Cena"

ACM-W members won the TDA (Translational Data Analytics) challenge at the 2015 hackathon. The challenge was to develop algorithms that could analyze 91 student resumes and 262 job descriptions to identify and visualize the similarities and differences.

Member Development

Grace Hopper Celebration Conference
October 14th - 16th @ George R. Brown Convention Center, Houston, TX

The Grace Hopper Celebration of Women in Computing is the world's largest conference for women in technology, bringing together 12,000 women, ranging from students, researchers, and industry professionals in the technology and software industry. Grace Hopper consisted of a three day long career fair, keynote speakers, seminars, workshops and plenty of networking and social activities. This year, ACM-W sent 12 girls to the conference with support from the CSE department and the STEM Gender Initiatives. The GHC 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.

Lean-In Circles
Events:

9/10	Lean-In Discussion
10/29	Lean in Discussion Circle: Women, Work and the Will to Lead
1/20	Semester Kickoff Mentor/Mentee pairing

What would you do if you weren't afraid?

- Sheryl Sandberg, Lean In: Women, Work and the Will to Lead

ACM-W started an Ohio State CSE Lean-In Chapter to focus on helping women in the major succeed and achieve their personal and professional goals. These "circles" provided women with the chance to connect with mentors/mentees, encourage each other and to build a supportive community network through sharing personal experiences.

Special Thanks

The Ohio State University

Department of Computer Science & Engineering

Bettina Bair — Senior Lecturer, ACM-W Founder & Advisor

Chris Stewart — Assistant Professor, ACM-W Advisor

Tamera Cramer — Office Associate

Don Havard — Fiscal Officer

Arnab Nandi — Assistant Professor, OHI/O Advisor

Nikki Strader — Coordinator Academic Advisor

Josh Kuehn — B.S. C.S.E Class of 2018, ACM-W Web Designer

Xiaodong Zhang — Endowed Chair

Paolo Sivilotti — Associate Professor, Buck-i-Code Workshop Instructor

Patrick Jacobs — Senior Operations Specialist

David Kneisly — Sr. Administrative Systems Mgr

Tiffany McGough — PR Coord & Chair's Assistant

CSE 8th Floor Help Desk

College of Engineering

Matt Schutte — Director of Communications

Amy Thaci — Director, Engineering Career Services

Industry Supporters

ACM-W was able to host events, workshops and develop a supportive community within Computer Science thanks to the following industry supporters: