

# FEMMES

FEMALES EXCELLING MORE IN MATHEMATICS, ENGINEERING, AND SCIENCE



2016  
CODE CAMP  
& CAPSTONE

## SPONSOR PACKET

CONTACT

WEBSITE | [UCHICAGOFEMMES.ME](http://UCHICAGOFEMMES.ME)

EMAIL | [FEMMES@UCHICAGO.EDU](mailto:FEMMES@UCHICAGO.EDU)

TWITTER | [@UCHICAGO\\_FEMMES](https://twitter.com/UCHICAGO_FEMMES)

FACEBOOK | [FB.COM/UCHICAGOFEMMES](https://facebook.com/UCHICAGOFEMMES)

# WHO WE ARE

**Emilee Urbanek**

Program Director  
Curriculum and Web



**Megan Renshaw**

Logistical Head



**Richard Hanson**

Webmaster



**Amanda Aizuss**

Assistant Program Director  
Curriculum and Web



**Rachel Pinsker**

Curriculum Head



**Jenee Fowler**

Creative Head



**Sydney Ko**

Graphics Head



**Jenna Clemens**

Communications Director



**Bobby Kanuri**

University Liason



**Alice Chang**

Corporate Liason



**Nasr Maswood**

Community Liason



**Sylvia Lobo**

Treasurer



# OUR MISSION

The existing gender disparities in the STEM (science, technology, engineering, and math) fields underscore **the need for outreach programs to help engage young women** in such areas. Founded in 2014, **FEMMES** is the University of Chicago's first-ever **educational outreach organization** seeking to engage middle school girls in hands-on activities **in STEM fields in an effort to close the gender gap.**

## RECAP 2015

On February 28, 2015, FEMMES held its first-ever UChicago FEMMES Code Camp. The Code Camp was a day-long event aimed **to introduce girls from neighboring Chicago middle schools to computer science** in a fun and interactive way.

The event took place at the University of Chicago and featured a full **day's worth of hands-on activities** in computer science led by U of C professors and graduate/undergraduate students, as well as a Q&A session with current CS college students.

The day featured four high-energy workshops that **introduced the girls to programmatic thinking**. Activities ranged from using algorithmic thinking to create bracelets, applying sorting algorithms to balance a scale, creating basic animations with the Scratch by MIT programming language, and using algorithms to solve a maze.



# CODE CAMP

## 2016 APRIL 30

The annual UChicago FEMMES Code Camp is a day-long event scheduled for April 30, 2016, from 10AM to 5PM. The Code Camp aims to introduce middle school girls in the South Side of Chicago to computer science in a fun and interactive way. The event will take place at the University of Chicago and will feature a keynote speaker, student-led panel, and hands-on computer science activities led by University of Chicago students. Lunch and snacks will be provided. Our goal is to make the girls excited to continue learning about computer science, and provide a gateway to further exploration in STEM. We will provide students, parents, and teachers with educational materials to encourage continued engagement in computer science.



*The UChicago FEMMES Code Camp is a main event for our organization. This year we are also welcoming students back for workshops held throughout January to March.*

## SCHEDULE

**10:00** T-SHIRT DISTRIBUTION

I. MORNING

**10:45** WELCOME

**11:00** KEYNOTE SPEAKER

**11:40** ACTIVITY 1

**12:30** ACTIVITY 2

**1:20** LUNCH

II. AFTERNOON

**2:00** PANEL

**2:40** ACTIVITY 3

**3:30** ACTIVITY 4

**4:20** CLOSING REMARKS

**5:00** DISMISSAL

# CAPSTONE EVENT

## 2016 APRIL 30

This year, UChicago FEMMES will hold the Capstone Event jointly with the Code Camp on April 30, 2016, from 10AM to 5PM. In contrast to the Code Camp, which focuses specifically on sparking computer science interest, the Capstone Event serves as a broader foray for middle school girls into all STEM fields. UChicago professors from several STEM-based academic departments - including Computer Science, Biology, and Chemistry - will lead workshops that expose students to an array of math, engineering, and science topics. Similar to the Code Camp, these workshops are also designed to be highly engaging and hands-on. In addition, the Capstone Event will feature a student panel and Q&A with current college students and faculty.



*The Capstone Event is FEMMES' signature event. Other FEMMES chapters across the nation also partake in hosting a day of workshops and hands on STEM activities for middle school girls.*

## SCHEDULE

**10:00** T-SHIRT DISTRIBUTION

I. MORNING

**10:45** WELCOME

**11:00** KEYNOTE SPEAKER

**11:40** ACTIVITY 1

**12:30** ACTIVITY 2

**1:20** LUNCH

II. AFTERNOON

**2:00** PANEL

**2:40** ACTIVITY 3

**3:30** ACTIVITY 4

**4:20** CLOSING REMARKS

**5:00** DISMISSAL

# OUR CHALLENGES

Our bare-minimum budget of approximately \$4,860 for both the FEMMES Code Camp and Capstone event: This money goes towards everything from activity supplies to outreach supplies, Code Camp volunteer supplies, thumb drives, and shirts and tote-bags. The breakdown is as follows:

CATEGORY	BUDGET
Curriculum Supplies	\$300
Activity Module Supplies	\$750
Academic Outreach	\$250
Lunch	\$580
T-Shirts	\$2,000
Printing	\$80
Stickers	\$150
USBs	\$500
Volunteer Info	\$250
<hr/>	
<i>Total</i>	\$4,860



# HOW YOU CAN HELP

## EVENT SPONSORSHIP

### **Donations**

#### **Basic Sponsor – Minimum of \$500**

All sponsors are welcome to send representatives to attend our Code Camp event.

#### **Room Sponsor – \$1,000**

As a Room Sponsor, one or more of our classrooms will be completely dedicated to your company or organization with as much decoration and swag as you like.

#### **Floor Sponsor – \$2,500**

As a Floor Sponsor, you will get the exclusive opportunity to decorate an entire floor for our event with as much decoration and swag as you like.

**Perks** - All corporate sponsors will receive exposure through advertisement on our website and social media, their logo on our T-shirts, schedules, and posters, and early access to support our future coding workshops and events!

### **In Kind Donations**

**USBs** - We will be distributing digital goodie bags to the girls in the form of USBs. These will have materials for continuing their exploration in computer science as well as any projects they completed during the day.

**Food** - We are looking for breakfast and lunch donations for our Capstone Event. We will be feeding up to 150 girls and 50 volunteers.

**Swag** - We would love to shower our girls with swag to help them get excited about the world of STEM. Feel free to bring your company gear or mail it in so we can distribute it the day of our event!

**Raffle Items** - We will be having a raffle at the end of the day, and are looking for cool items to raffle off. For example, last year's Code Camp raffle items included laptops, Chromecasts, bluetooth speakers, and Girls Who Code calendars.



# HOW YOU CAN HELP

## EVENT PARTICIPATION

If you would like to be a part of our event, but don't have the means to be an official sponsor, we would still love to have you on board. As an event participant, there are two main ways you can get involved in our event.

### ***Attend our Capstone Event or Code Camp***

#### **Parent's Room**

We will have a parent's room open all day for parents to do activities as they are waiting for their children. Last year, parents watched educational STEM videos, did coding activities, and watched Jennifer Wesley, the Head of Industry at Google Chicago, give a riveting talk on the importance of parents in supporting their girls in STEM.

If your company or organization has educational or scholarship opportunities for middle school or high school girls in STEM, we would love to have you advertise these opportunities to the parents.

#### **Volunteer**

We are always looking for more volunteers to help out with logistics on the day of the event.

### ***Publicity and Media Coverage***

We love the support of organizations who realize the importance of promoting diversity in STEM! We would love it if you want to publicize our event or spread the word about our organization through social media, blog posts, or press coverage.



**THANK YOU  
FOR  
YOUR  
SUPPORT!**