

# WOMEN IN NUCLEAR

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## OUR MISSION

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UIUC's Women in Nuclear (WiN) chapter is part of the U.S. WiN's ecosystem. U.S. WiN's objectives are to drive a culture in nuclear energy and technology in which women and men succeed, create professional development and networking opportunities for career advancement, and enhance understanding and awareness of the value of nuclear energy and technology.

UIUC's WiN chapter uplifts these objectives through providing students with a platform to participate in activities and grow with respect to our three WiN pillars:

1. **Community:** To build a strong community within our chapter and with the Nuclear Engineering department at UIUC.
2. **Outreach:** To promote the benefits of nuclear technology to the surrounding Urbana-Champaign community.
3. **Professional Development:** To give our members support and opportunities to excel academically, meet professionals from industry and academia, and go beyond the classroom to visit nuclear-related companies/laboratories.

## OUR 2019-2020 EXECUTIVE BOARD

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**President:** Gwendolyn Chee

**Vice President (Fall):** Mikayla Molnar

**Vice President (Spring):** Kelly Munkhtuya

**Treasurer:** Sonata Valaitis

**Outreach Chair:** Cassandra Soto

**Professional Development Chair:** Jasmine Dinari

## COMMUNITY

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### Galentines Day Event

Feb 2020

- We collaborated with other Women-in organizations on campus to host a Galentine's day event with food and crafts.

### Candy Cane Gram Sale

Dec 2019

- We sold Candy Cane Grams within the NPPE department to promote holiday spirit during the final stressful week of classes.

### Bob Ross Paint Night

Nov 2019

- We watched a Bob Ross Painting video together and each painted on a canvas. It was a very successful and fun event.

### Pumpkin Patch Social

Oct 2019

- We did a fun day trip to visit a pumpkin patch.

### Board Game Night

Sept 2019

- A fun stress-free evening of getting to know the new WiN members.

### End of Semester Social with Profs

May 2019

- We hosted a fun social with the female professors in NPRES to give students and professors a chance to mingle in a relaxed setting.

### **WiNning Weekend**

Apr 2019

- We invited the Purdue University and Missouri Science and Technology's student chapters to UIUC for a weekend of fun and learning. During the weekend, we conducted tours of UIUC's nuclear research facilities, had coffee chats to discuss how each of our chapters are doing, played sports, and got to know each other.

## **OUTREACH**

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### **Champaign Public Library Teen Lounge**

Feb 2020

- We collaborated with the Champaign Public Library to host an after school session to teach middle-schoolers and high-schoolers about nuclear science.

### **Champaign Public Library with Kids**

Jan 2020

- We collaborated with the Champaign Public Library to host an after school session to teach elementary school kids about Nuclear Technology.

### **Nuclear Science Week 2019**

Oct 2019

- We promoted nuclear technology on the quad with a nuclear trivia game and free cupcakes for nuclear science week.
- We collaborated with UIUC's ANS chapter to host a trivia night to teach attendees nuclear science facts.
- We collaborated with the NPRES department for a reddit Ask me anything about nuclear engineering at UIUC.
- We collaborated with Jensen Hughes to teach girl scouts about nuclear science for a get-to-know nuclear patch.

### **E-Night**

Aug 2019

- We participated in Engineering Council's E-Night to promote our organization to incoming Engineering students.

### **Sunflower Sale**

Apr 2019

- We sold sunflowers on the quad to promote nuclear non-proliferation.

### **Champaign Public Library**

Apr 2019

- We collaborated with the Champaign Public Library to host an after school session to teach kids about Nuclear Technology.

### **Engineering Open House**

Mar 2019

- We participated at Engineering Open House to showcase the NPRES department with a nuclear fuel cycle game and nuclear trivia.

### **Girl Scouts Stem-A-Palooza**

Nov 2018

- We presented nuclear 101 to girls ages 5-11 and their parents with some demonstrations including a hand-cranked lightbulb and a geiger detector

## **Urbana Central High School Visit**

Oct 2018

- We went to Urbana Central High School to give a presentation to high school students about nuclear science.

## **PROFESSIONAL DEVELOPMENT**

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### **Argonne National Laboratory Tour**

Feb 2020

- We visited Argonne National Laboratory and toured their Advanced Photon Source, ATLAS, and Nuclear exhibition hall facilities. We also had lunch with a group of 10 scientists.

### **Clinton Reactor Tour**

Dec 2019

- Exelon hosted us at their Clinton Reactor and gave us a tour of their facilities.

### **Coffee Chats**

2018-Present

- We hosted coffee chats with researchers and industry folks who visit our department during the school year. These have included: Prof Jamie Coble (University of Tennessee-Knoxville), Dr. Eric Loewen (GE Hitachi Nuclear Energy), Dr. David Chichester (Idaho National Laboratory), Dr. Jeffrey Favorite (Los Alamos National Laboratory), Dr. Francesco Venneri (Ultra Safe Nuclear), Prof Janalle Wharry (Purdue University), Dr. Glen Wurden (Los Alamos National Laboratory), Prof Peter Hosemann (UC Berkeley), and Dr. Lauren Garrison (Oak Ridge National Laboratory).

### **Jensen Hughes Info Session**

Sept 2019

- Jensen Hughes staff came to UIUC to host a info session.

### **Curium Pharma Visit**

Feb 2019

- We made a trip down to Curium Pharmaceuticals, a nuclear medical isotope production company in St. Louis.

### **LaSalle Reactor Tour**

Nov 2018

- Exelon hosted us at their LaSalle Reactor and gave us a tour of their facilities.