

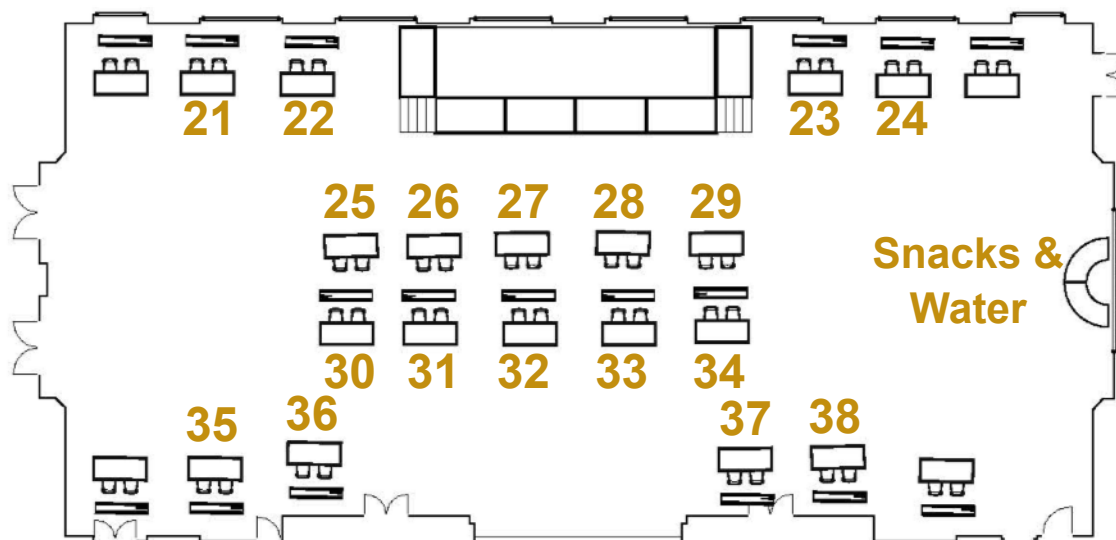


**2018**  
**PURDUE**  
**UNDERGRADUATE**  
**RESEARCH**  
**ROUNDTABLE**

**OCTOBER 30, 2018**

9am-2pm :: PMU Ballrooms

## North Ballroom



**Student  
Registration**

**South Ballroom**



**UNDERGRADUATE  
RESEARCH  
ROUNDTABLE**

October 30, 2018

Booth Layout

**Research Group  
Registration**

# College of Agriculture

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
27	Genomics of Cold Tolerance	So, Jr, Sr	Sp, Su	10-20hrs	\$9/hr; 3 credits	3.0	Yes
29	Illinois-Indiana Sea Grant	Fr, So, Jr, Sr	Unsure	Varies			No
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
28	USDA-ARS Soybean Research Lab	Fr, So, Jr, Sr	Sp, Su	Full or part-time	\$10.38/hr		Yes
33	Wei Research Group: Design of Intelligent Packaging	So, Jr	Sp, Su	9-10hrs	3 credits	3.5	Yes
25	College of Agriculture						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours

## Establishing Expectations

Information in this program should be used as a guide for a conversation concerning expectations with prospective research mentors. Final time commitments and compensation/academic credit should be discussed as amounts may fluctuate based on need, availability, and experience.

# College of Education

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
16	Deep-level Engagement during collaborative group work during STEM authentic tasks		Fa, Sp, Su	6-10hrs	\$12/hr		No
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
17	College of Education						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours

## About PSPE

The Purdue Society of Professional Engineers is a student organization open to all engineering students on campus with the goal to promote leadership, professionalism, and ethics. Affiliated with multiple parent engineering societies, it organizes several events each semester, including The Order of the Engineer, the Fundamentals of Engineering Exam, plant tours, and various other services events or informational sessions. PSPE's Rube Goldberg team also holds the Guinness world record for the largest functional Rube Goldberg machine, consisting of 300+ different steps.



# College of Engineering

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
6	NSF Center for Innovative & Strategic Transformation of Alkane Resources (CISTAR)	So, Jr, Sr	Fa, Sp, Su				No
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
4	Warsinger Water Lab	So, Jr	Sp, Su	11-15hrs	\$1,000 stipend; 3 credits	3.5	No
33	Wei Research Group: Design of Intelligent Packaging	So, Jr	Sp, Su	9-10hrs	3 credits	3.5	Yes
34	Wei Research Group: Low-cost Sensors of Breath Analytes	So, Jr	Fa, Sp, Su	9-10hrs	Varies; 3 credits	3.5	Yes
5	College of Engineering						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours



## About the OUR

The Office of Undergraduate Research serves as a central resource to promote and expand experiential learning for undergraduate students through research experiences with skilled research mentors. The OUR accomplishes this mission through seminars, online courses, conferences, research/travel grants, faculty support, and OURConnect.

# College of Health & Human Sciences

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
12	Purdue Tourism and Hospitality Research Center	Fr, So, Jr, Sr	Sp	10hrs	3 credits		
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
33	Wei Research Group: Design of Intelligent Packaging	So, Jr	Sp, Su	9-10hrs	3 credits	3.5	Yes
34	Wei Research Group: Low-cost Sensors of Breath Analytes	So, Jr	Fa, Sp, Su	9-10hrs	Varies; 3 credits	3.5	Yes
11	College of Health & Human Sciences						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours



**DON'T MISS IMPORTANT UPDATES!**  
**SUBSCRIBE TO THE OUR NEWSLETTER!**

Stay updated on opportunities, funding deadlines, and upcoming events all concerning undergraduate research.

# College of Liberal Arts

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
29	Illinois-Indiana Sea Grant	Fr, So, Jr, Sr	Unsure	Varies			No
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
38	Wilke Undergraduate Research Internship	So, Jr, Sr			Stipend		No
37	College of Liberal Arts						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours

## PURDUE UNDERGRADUATE RESEARCH CONFERENCE

**April 4:** Oral Presentations in STEW 214

**April 9:** Poster Symposium in PMU Ballrooms

*Learn about research undergrads have been working on or present your own work!*





# College of Pharmacy

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
33	Wei Research Group: Design of Intelligent Packaging	So, Jr	Sp, Su	9-10hrs	3 credits	3.5	Yes
35	College of Pharmacy						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours



**MARCH 5 :: 1:30-4:30 :: Co-REC**



# College of Science

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
31	EAPS Environmental Geoscience Research	Jr, Sr	Sp, Su	3+hrs	\$10/hr; 1-2 credits	3.0	No
29	Illinois-Indiana Sea Grant	Fr, So, Jr, Sr	Unsure	Varies			No
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
6	NSF Center for Innovative & Strategic Transformation of Alkane Resources (CISTAR)	So, Jr, Sr	Fa, Sp, Su				No
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
30	Thompson Lab	Fr, So, Jr, Sr	Sp, Su	7+hrs	Varies		Yes
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
34	Wei Research Group: Design of Intelligent Packaging	So, Jr	Sp, Su	9-10hrs	3 credits	3.5	Yes
34	Wei Research Group: Low-cost Sensors of Breath Analytes	So, Jr	Fa, Sp, Su	9-10hrs	Varies; 3 credits	3.5	Yes
36	College of Science						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours

**Need extra funding to support your undergrad research project? Apply for a research grant with your research mentor! Deadline is February 15, 2019.**

# Honors College

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
22	AI for Performing Arts	Fr, So, Jr, Sr	Sp	3-7hrs	1-3 credits	3.0	No
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
33	Wei Research Group: Design of Intelligent Packaging	So, Jr	Sp, Su	9-10hrs	3 credits	3.5	Yes
34	Wei Research Group: Low-cost Sensors of Breath Analytes	So, Jr	Fa, Sp, Su	9-10hrs	Varies; 3 credits	3.5	Yes
21	Honors College						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours



## OUR SCHOLARS SCHOLARSHIP

Undergraduate researchers may apply to receive a \$1,000 academic-year scholarship supported by the Office of Undergraduate Research and their respective college or school. More information will be released in early 2019 about applying to be a 2019-20 OUR Scholar.



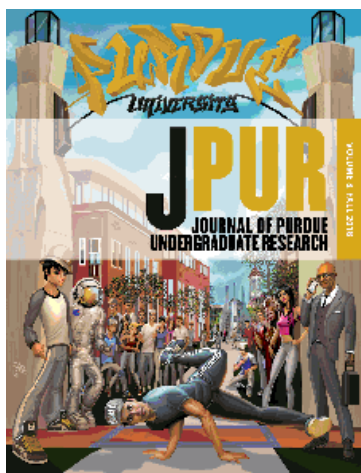
# Purdue Polytechnic Institute

## Krannert School of Management

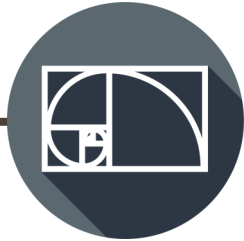
### College of Veterinary Medicine

Booth	Research Group	Year at Purdue	Term	Time Expectation per Week	Compensation	Preferred Min. GPA	Resumé
15	Black Thought Collective	Fr, So, Jr, Sr	Fa, Sp	3hrs			No
10	CATME/Midfield	So, Jr	Fa, Sp, Su	10hrs Fa & Sp 40hrs Su	\$10/hr; 3 credits	3.0	Yes
23	Collaborative Robotics Lab	Fr, So, Jr, Sr	Fa, Sp, Su	5-20hrs Fa & Sp 40hrs Su	\$12-13/hr; 3 credits		Yes
3	Journal of Purdue Undergraduate Research	Fr, So, Jr, Sr	Fa, Sp	Varies			No
19	National and International Scholarships Office	Fr, So, Jr	Fa, Sp, Su	2hrs		3.2	Yes
13	Purdue Association for Magnetic Resonance (PAMR)	Fr, So, Jr, Sr	Fa, Sp, Su	1hr		3.0	No
7	Summer Undergraduate Research Fellowship (SURF)	So, Jr	Su	40hrs	\$5,100 stipend	3.0	Yes
32	The Data Mine	Fr, So, Jr, Sr	Unsure	10hrs	Varies		No
20	The Graduate School	Fr, So, Jr, Sr	Sp, Su	8hrs	Varies	3.0	No
9	UPRISE Program	Fr, So, Jr, Sr	Fa, Sp, Su	10hrs	\$8.50-10/hr	2.5	Yes
24	Purdue Polytechnic Institute						
14	Krannert School of Management						

Fr-Freshman; So-Sophomore; Jr-Junior; Sr-Senior    Fa-Fall; Sp-Spring; Su-Summer    hr-hour; hrs-hours



The *Journal of Purdue Undergraduate Research* publishes research papers written by Purdue undergraduates from all disciplines who have completed faculty-mentored projects. The final deadline for JPUR Volume 9 is **February 15, 2019**.



Thank you for attending this  
year's Research Roundtable!

## **OFFICE OF UNDERGRADUATE RESEARCH**

# **PSPÉ**



### **Fall Undergraduate Research Expo**

Monday, November 12, 2018

8:30-11:30am: Oral Presentations in STEW 214

1-4pm: Poster Symposium in PMU Ballrooms

**PURDUE**  
UNIVERSITY®