

**Purdue Space Program**  
*College of Engineering*

**Repercussions and Reverberations: An Exploration of  
Wearable Technology, Dance, and Collaboration**  
*College of Liberal Arts*

**The Role of LbpB in Neisserial Pathogenesis**  
*College of Science*

**Role of Microenvironmental Stress in Increased Breast  
Cancer Risk**  
*College of Veterinary Medicine*

**Teacher Created Curriculum around Native  
American Events**  
*College of Education*

**Teaching Inclusivity**  
*College of Health & Human Sciences*

**Understanding the Impact of Mentorship at  
Purdue University's Writing Lab**  
*Krannert School of Management*



**Join us...**



**Purdue Undergraduate Research Conference**  
**April 10, 2018**

Oral Presentations: STEW 214 8:30-11:30am  
Poster Symposium: PMU Ballrooms 1:00-4:30pm

**PURDUE**  
UNIVERSITY®

# WELCOME TO

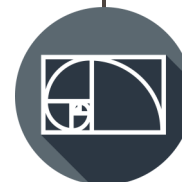
# CELEBRATE PURDUE'S THINKERS, CREATORS & EXPERIMENTERS



**April 3, 2018**

**1:30-4:30pm**

**France A. Córdova  
Recreational Sports Center**



**OUR** OFFICE OF  
UNDERGRADUATE RESEARCH

**Affordable AR**

*College of Science*

**Autonomous Electric GoKart**

*College of Engineering*

**The Beauty of Math and Computer Science**

*College of Science*

**"BlackLivesMatter": Racial Tension and Police Violence in the Midwest and Beyond**

*College of Liberal Arts*

**Buckling of Cylindrical Steel Storage Tanks**

*College of Engineering*

**Characterization of Near-Congruent Copper-Manganese Alloys with Carbon Additions**

*College of Liberal Arts*

**Deaf Kids Outreach**

*College of Engineering, College of Science, Purdue Polytechnic Institute*

**Detecting Illness with Synthetic Biology**

*College of Agriculture, College of Engineering*

**Engineer Robot**

*College of Engineering*

**Father Helps Best: Paternal Social Support in**

**Television Sitcoms**

*College of Liberal Arts*

**FroYo Xpress**

*College of Engineering, College of Science, Purdue Foundry*

**Global Phenology Using Social Networks**

*College of Engineering*

**Go Kart Data Acquisition System**

*College of Engineering*

**Hiraeth**

*College of Liberal Arts*

**How do winning percentages of teams affect a free agents salary in NBA?**

*Krannert School of Management*

**Implementation of Machine Simulation in Classroom Setting**

*Purdue Polytechnic Institute*

**Journal of Purdue Undergraduate Research (JPUR)**

*Purdue Libraries*

**Lemming: Student Assistance Platform**

*College of Science*

**The Less Known Alpha Generation**

*Purdue Polytechnic Institute*

**Metabolic Effects on Epigenetic Modifications During DNA Damage**

*College of Agriculture, College of Pharmacy*

**Nature or Nurture: A 3D Printed Space**

*College of Liberal Arts*

**New Team Interaction and How It Affects Team Productivity**

*Purdue Polytechnic Institute*

**PF18—Purdue Formula SAE**

*College of Engineering*

**Pilot Performance through CCM**

*College of Engineering*

**PSPE Rube Goldberg Machine**

*College of Engineering, College of Science*

**Purdue Electric Racing**

*College of Engineering*

*The OUR thanks you for attending today and welcomes you to enjoy treats from*

