WELCOME TO
PURDUE’S THINKERS, CREATORS & EXPERIMENTERS
March 5, 2019
1:30-4:30pm
France A. Córdova
Recreational Sports Center

Join us...

Purdue Undergraduate Research Conference
Oral Presentations: April 4, STEW 214, 1-4pm
Poster Symposium: April 9, PMU Ballrooms, 9-11:30am & 1-3:30pm

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SMART Model Tiny Homes: Preparing the Next Generation of Computational Thinkers
Vanessa Santana, Polytechnic Institute
Mentor: Scott R. Bartholomew, Polytechnic Institute

Teaching Advanced Manufacturing through Educational Displays, EPICS
Daphne Fauber, Polytechnic Institute;
Bryan Pamintuan, Engineering; Anthony Eshleman, Engineering;
Matthew Rumple, Engineering; Brookelle Mathieson, Engineering;
Yoon Sung Kim, Engineering; Bethany Reiter, Engineering;
Matthew Haines, Engineering; & Jack Wagner, Engineering
Mentor: Andrew Pierce, Engineering

The Philosophy of Sin, PHIL490
Varun Nair, Liberal Arts
Mentor: Daniel Smith, Liberal Arts

Vaccine, HK269
Muhammad Mirza, Health & Human Sciences;
Koste Kocoski, Pharmacy; &
Branton Leazenby, Health & Human Sciences
Mentor: Lane Yahiro, Health & Human Sciences

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Aluminum Longboard
CJ Wood, Polytechnic Institute

Applications of Generative Selection Algorithms in Linguistics
Andrew Rothwell, Science
Mentor: John Sundquist, Liberal Arts

Autonomous Robot Exploration, Autonomous Robotics Club
Jason King Ching Lo, Engineering; Kevin Sheridan, Engineering; Victor Pan, Engineering; Mitchell Lee, Polytechnic Institute; & James Baxter, Engineering
Mentor: Inseok Hwang, Engineering

Autonomous Vehicle Technology, Autonomous Motorsports Purdue
Kai Strubel, Engineering; David Pimley, Engineering; & Matt Anderson, Engineering
Mentor: Aly Gamal, Engineering

Compare Bioavailability between Different Sizes Magnesium Supplements
Jiada Zhan, Health & Human Sciences
Mentor: Nana Gletsu-Miller, Health & Human Sciences

Design Thinking in Middle School Classroom
Sakhi Aggrawal, Polytechnic Institute
Mentor: Alejandra Magana, Polytechnic Institute

Global Air Quality Trekkers: Clean Kitchen Study, EPICS
Steph Schiavo, Engineering; Sam Dykhuis, Engineering; & Avalin Senefeld, Engineering
Mentor: Brandon Boor, Engineering

GyroPalm
Dominick Lee, Polytechnic Institute & Vignesha Charan Bhamidi, Polytechnic Institute
Mentor: Felix Lin, Engineering

Human Body Communication Transceivers
David Yang, Engineering & Shovan Maity, Engineering
Mentor: Shreyas Sen, Engineering

Laponite Disturbances
Daniel Espinoza, Engineering
Mentor: Marika Santagata, Engineering

Large UAS Construction, AT49000-024
Jesse Giampaolo, Polytechnic Institute & Science; Kaleb Gould, Polytechnic Institute; Elliott Eaton, Polytechnic Institute; Connor Yoder, Polytechnic Institute; Jeffrey Hines, Polytechnic Institute; & Duncan Mulgrew, Polytechnic Institute
Mentor: Brian Kozak, Polytechnic Institute

Melanin and Curls: Evaluating Black Woman Candidates
Aiden Colburn, Liberal Arts
Mentor: Nadia Brown, Liberal Arts

Meta-analysis on Psychopathology and Relationship Satisfaction, PSY390
Kyle Bentain, Health & Human Sciences & Malcolm Wade, Health & Human Sciences
Mentor: Katherine Thomas, Health & Human Sciences

Molecular Dynamics Simulations in Drug Discovery
Jia Lin Cheoh, Science
PF-19, Purdue Formula SAE
Adam Christopherson, Engineering; Troy Conlin, Engineering; Kiley Penn, Engineering; Alex Roberts, Engineering; Logan Clark, Engineering; JP Peerbolte, Polytechnic Institute; Adam Dewey, Engineering; & Vince Cassi, Engineering
Mentor: Todd Nelson, Engineering

REMI - Rat Estrous Model Identification
Harsh Srivastava, Science; Gabriella Fernandez, Science; Abigail Crabtree, Science; & Bailey Mahoney, Science
Mentor: Nancy Pelaez, Science

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