

## JUDGING PANEL

**RAS VISWANADHA, Ph.D.**, Principal Research Scientist & certified Biocompatibility Subject Matter Expert, Zimmer Biomet

At Zimmer Biomet, a global leader in medical devices and biologics for musculo-skeletal applications Ras leads key projects aimed to assess the impact of changes in materials, processes, and manufacturing location on biocompatibility of medical devices. Currently, she focuses on conducting biological safety risk evaluations for new products, existing products, and change control measures for various medical devices at Zimmer Biomet. She is a member of the ASTM committee and represent Zimmer Biomet on the subcommittee on Biocompatibility and Biologics. Ras earned a B.S. degree in Biochemistry from McMaster University and a Ph.D. in Cell Biology from Emory University focusing on molecular mechanisms that govern assembly and intracellular transport of protein complexes. She has authored two peer-reviewed articles including a textbook chapter in Cytoskeleton (ISBN: 978-1621820161). Ras is a volunteer with the Indianapolis chapter of the Healthcare Business Women's Association.

**BETHANY McGOWAN, MLIS**, Assistant Professor, Purdue University Libraries & School of Information Studies

Bethany is Assistant Professor of Library Science and Health Sciences Information Specialist at Purdue University in West Lafayette, Indiana. She works with Health Sciences clinical programs, providing research and instruction services in the areas of information literacy, data services, scholarly communication, and collaborative research. Professor McGowan's research centers around open data, participatory design, crowdsourced projects, and the development of information experiences via health informatics and social informatics tools and technologies. Her current research project focuses on the role of open map data and accessible GIS interfaces in the humanitarian mapping movement, and how humanitarian mapping can be used to understand and support the needs of vulnerable communities.

**HOLLY TITTLE-HUDSON, MS**, Curriculum & Undergraduate Research Coordinator, Purdue University College of Liberal Arts

Holly is the Curriculum and Undergraduate Research Coordinator for the College of Liberal Arts where she facilitates all aspects of the College's undergraduate research based scholarship programs. By pairing faculty mentors with undergraduate student researchers across multiple academic areas, and forming a strong partnership with the Office of Undergraduate Research, Holly has increased the visibility of undergraduate research within the College of Liberal Arts. Recently Holly has revamped an underutilized scholar program to help recruit incoming freshman and allow them to participate in an undergraduate research experience their first semester at Purdue University. Holly earned a B.S. degree in Psychology from Michigan State University and a M.S. degree in Biological Sciences from Grand Valley State University.



# UNDERGRADUATE RESEARCH PITCH COMPETITION

TELLING THE STORIES OF

# RESEARCH

Hosted by the  
Purdue Office of Undergraduate Research

*MARCH 10 | 7PM | RAWLS 1086*

## STUDENT PARTICIPANTS



**Zada Anderson**, College of Engineering  
"Non-invasive Physiological Sensing of Rats with High-level Spinal Cord Injuries"

**Ethan Edwards**, College of Engineering  
"Efficacy of Activated Carbon Pitcher Filters in Elevated Benzene Removal"



**Connor Hage**, College of Engineering  
"Communicating Engineering Through Toy Reviews"

**Hanson-Lee Harjono**, College of Engineering  
"Microlattice Structure Shielding Against Hypervelocity Impacts"



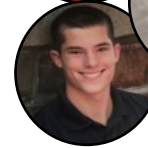
**Marina Mehling**, College of Agriculture and College of Engineering  
"Let's Make Plants Fat"

**Ana Pascual-Garringos**, College of Agriculture  
"Low-cost User-friendly Biosensors for Bovine Respiratory Disease"



**Josh Randall**, College of Agriculture  
"Urban Plant Physiology"

**Steven Rogers**, College of Engineering  
"Comparing Seed Distribution of Micro-Mobility Modes"



**Nikolai Saporoschetz, Theo Ginting, & Brian Cain**, Krannert School of Management  
"A Dynamic Ticket Pricing Model for Professional Sports Teams"

**Echo Yan**, College of Health & Human Science and Purdue University Libraries & School of Information Studies  
"Mapping Postcolonial Literature"



## AUDIENCE CHOICE

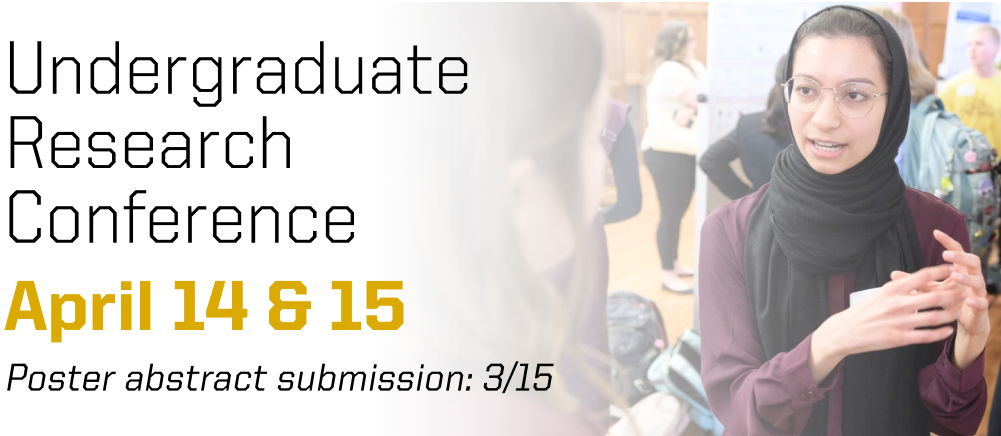
Following the presentations, you will select your favorite pitch. The presenter with the most will win the \$100 audience favorite award.



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Scholarship  
**Deadline:  
March 25**



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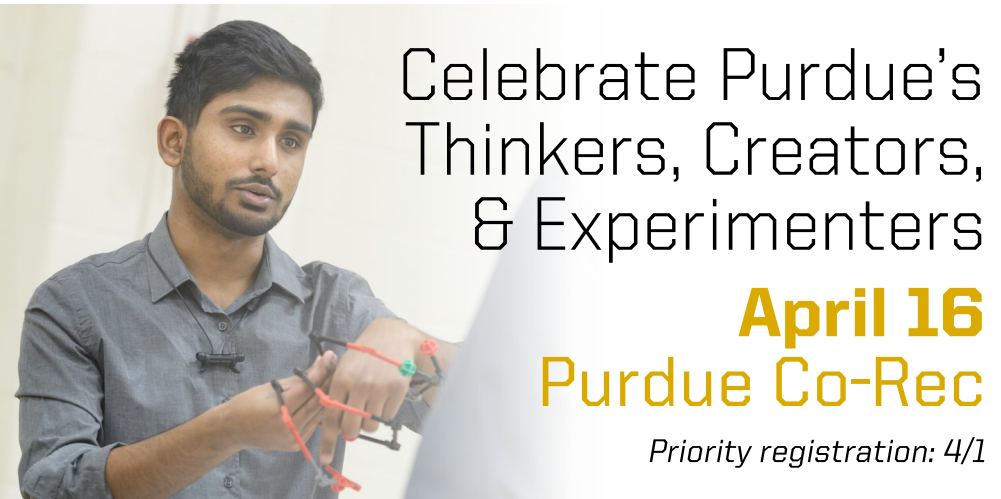
Undergraduate  
Research  
Conference  
**April 14 & 15**

*Poster abstract submission: 3/15*



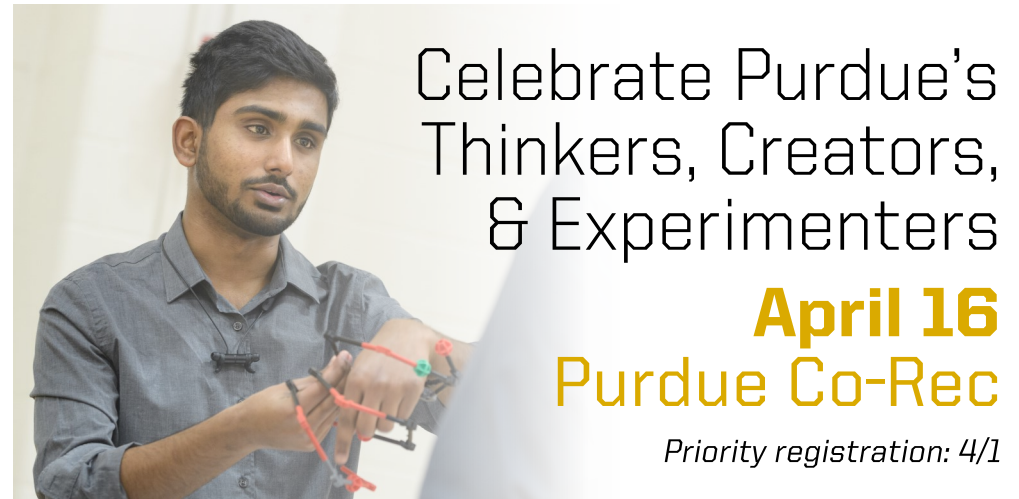
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Celebrate Purdue's  
Thinkers, Creators,  
& Experimenters  
**April 16**  
**Purdue Co-Rec**

*Priority registration: 4/1*



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4/1 & 4/8: POSTER WORK DAYS

4/22: MANAGING YOUR RESEARCH DATA

HIKS G980D @ 4:30PM

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