

Fall 2023 Undergraduate Research Expo: *Polytechnic*

This list is inclusive of all presentations where either at least one student or at least one mentor is linked to the specified division. Students' and Mentors' names and their divisions are based on information submitted in conference applications, except for the following:

- If student's division is missing from the application, their divisions listed are based on institutional data.
- If a mentor's division is missing from the application, their division listed is based on their primary appointment at Purdue. Some Mentors' divisions may be missing or incorrect.
- For non-Purdue students or mentors, their primary institution/organization is listed instead.
- Spelling of names and appear as submitted in the conference application, with minor corrections for formatting or obvious errors.

Student Role Notation: †Presenting Author, ‡ Contributing Author, *Acknowledgement

Presentation	Students	Mentors
Poster #1010 presented 11/14 @ 9:00-10:00am	Phuong Bui† (Polytechnic)	Paul Parsons (Polytechnic) Prakash Shukla (Polytechnic)
Poster #1024 presented 11/14 @ 9:00-10:00am	Tyler Hsieh† (Engineering, JMHC)	Rua Williams (Polytechnic) Michelle Garrison (HHS)
Poster #1052 presented 11/14 @ 9:00-10:00am	Dhanush Tipparaju† (Engineering) Alex Nishio† (Science) Alex Lai‡ (Engineering) Miles Flippin‡ (Engineering) Zihan Lin‡ (Polytechnic) Jayson Stansbury* (Engineering) Ruoyi Li* (Engineering)	Abolfazl Hashemi (Engineering) Zijian He (Engineering) Shivam Bhat (Science)
Poster #1221 presented 11/14 @ 10:30-11:30am	Seongyun Kim† (Polytechnic)	Garam Kim (Polytechnic) Sungjun Choi (Polytechnic)
Poster #1226 presented 11/14 @ 10:30-11:30am	Simon Lin† (Polytechnic) Ryan Seller† (Polytechnic) Matt Elliott† (Polytechnic)	Garam Kim (Polytechnic) Jacob Montrose (Polytechnic) Timothy Ropp (Polytechnic)
Poster #1232 presented 11/14 @ 10:30-11:30am	Brian Ng† (Engineering) Haichang Li† (Polytechnic) Samantha Sudhoff† (Science) Tim Nadolsky* (Science) Joshua Kamphuis* (Engineering)	Kristen Yeon-Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering)
Poster #1241 presented 11/14 @ 10:30-11:30am	Reva Simmons† (Engineering) Harry Lee‡ (Engineering, JMHC)	Garam Kim (Polytechnic)
Poster #1243 presented 11/14 @ 10:30-11:30am	Jack Snelling† (Engineering) Paraj Goyal† (Science)	Tho Le (Polytechnic)
Poster #1247 presented 11/14 @ 10:30-11:30am	Benjamin Traylor† (Polytechnic) Joel Jarrett† (Polytechnic) Joon Kang† (Polytechnic)	Jim Tanoos (Polytechnic)
Poster #1405 presented 11/14 @ 12:00-1:00pm	Adrian Calderon† (Polytechnic)	Gaurav Nanda (Polytechnic)
Poster #1407 presented 11/14 @ 12:00-1:00pm	Arunima Chowdhury† (Science) Esharaqa Jahid† (Engineering) Sami Zagha† (Engineering) Mert Ryan Kiroglu† (Science)	Renee Murray (Liberal Arts) Frederick Berry (Polytechnic)
Poster #1414 presented 11/14 @ 12:00-1:00pm	Denison Guvenoz† (Polytechnic) Avery Kruppe† (Polytechnic)	Sooyeon Jeong (Science) Dong Won Lee (Massachusetts Institute of Technology)
Poster #1429 presented 11/14 @ 12:00-1:00pm	Aditya Kuniyil Kattil† (Polytechnic, JMHC)	Sidney Ducleroir (Liberal Arts)

Fall 2023 Undergraduate Research Expo

Presentation	Students	Mentors
Poster #1434 presented 11/14 @ 12:00-1:00pm	Sydney Ludwig [†] (Science, JMHC) Sophia Vargas* (HHS, JMHC) Jackson Murray* (Polytechnic)	Nathan Cheek (HHS)
Poster #1437 presented 11/14 @ 12:00-1:00pm	Camila Andrea Martinez Montes [†] (Engineering)	Eduardo Barocio (Engineering) R Byron Pipes (Engineering) Garam Kim (Polytechnic)
Poster #1440 presented 11/14 @ 12:00-1:00pm	Andrew Modin [†] (Engineering) Daniel Wu [†] (DSB) Mariam Ghoneima [†] (Engineering, JMHC) Brogan Holt [†] (DSB, JMHC) Max Cervantes [†] (Engineering, JMHC) Catherine Mayer [†] (DSB) Dylan Hall [†] (Engineering) Zach Tan [†] (Engineering) Josh Beigel [†] (DSB) Hey Chuck Lo	John Sheffield (Polytechnic)
Poster #1442 presented 11/14 @ 12:00-1:00pm	Patrick Pannier [†] (HHS) Sierra Norris [†] (HHS) Jackson Murray* (Polytechnic) Sydney Ludwig* (HHS, JMHC) Michelle Zhao* (HHS)	Nathan Cheek (HHS)
Poster #1445 presented 11/14 @ 12:00-1:00pm	Matthew Pung [†] (Engineering)	Lisa Bosman (Polytechnic)
Poster #1447 presented 11/14 @ 12:00-1:00pm	Zachary Ramirez [†] (Engineering, JMHC) Shams Hoque [†] (Engineering, JMHC)	Tho Le (Polytechnic)
Poster #1449 presented 11/14 @ 12:00-1:00pm	Nemisa Samanthapudi [†] (Engineering)	Tho Le (Polytechnic)
Poster #1454 presented 11/14 @ 12:00-1:00pm	Daiana Valenzuela [†] (Engineering, JMHC)	Eduardo Barocio (Engineering) R Byron Pipes (Engineering) Garam Kim (Polytechnic)
Poster #1603 presented 11/14 @ 1:30-2:30pm	Andrew Behl [†] (DSB, JMHC) Benjamin Dravist [†] (Science, JMHC) Thomas Greer [†] (Engineering) Matthew Tolla [†] (Polytechnic)	Shivam Bhat (Science) Zijian He (Engineering)
Poster #1605 presented 11/14 @ 1:30-2:30pm	Veronica Brems [†] (Polytechnic)	Deniz Besiktepe (Polytechnic) Sogand Hasanzadeh (Engineering)
Poster #1623 presented 11/14 @ 1:30-2:30pm	Xinyi Guan [†] (Science) Jon Kouki Saathoff [†] (Polytechnic)	Jan Allebach (Engineering) Xiaoyu Ji (Engineering)
Poster #1644 presented 11/14 @ 1:30-2:30pm	Vinh Pham Ngoc Thanh [†] (Polytechnic) Eduard Tanase [†] (Engineering) Vignesh Charapalli [†] (Engineering) Connor Behrend [†] (Engineering, JMHC) Zeyad Aljaali* (Engineering) Vaibhav Turaga* (Engineering)	Aravind Machiry (Engineering) Fabiha Hashmat (Engineering)
Research Talk #7005 presented 11/15 @ 9:40am	Areli Viveros [†] (Polytechnic) Hoang Hua [†] (Engineering)	Tho Le (Polytechnic)
Research Talk #7008 presented 11/15 @ 10:40am	Emerson Zubb [†] (Engineering)	José Garcia (Polytechnic)
Research Talk #7020 presented 11/15 @ 11:20am	Harry Lee [†] (Engineering, JMHC)	Garam Kim (Polytechnic) Eduardo Barocio (Engineering)
Research Talk #7028 presented 11/15 @ 12:00pm	Arjun Gupte [†] (Engineering)	Byung-Cheol Min (Polytechnic) Ruiqi Wang (Polytechnic)
Research Talk #7070 presented 11/15 @ 3:20pm	Min Yong Chun [†] (Polytechnic) Harry Lee [‡] (Engineering, JMHC)	Garam Kim (Polytechnic) Eduardo Barocio (Engineering)

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Fall 2023 Undergraduate Research Expo

Presentation	Students	Mentors
Research Talk #7071 presented 11/15 @ 3:40pm	Reeya Ramasamy† (Polytechnic)	Kathryn Seigfried-Spellar (Polytechnic) Tatiana Ringenberg (Polytechnic)
Research Talk #7077 presented 11/15 @ 4:40pm	Stan Melkumian† (Polytechnic)	Haritima Chauhan (Western Illinois University)
Research Talk #7081 presented 11/15 @ 4:00pm	Gavin Cloyd† (Liberal Arts, JMHC) Jackson Stone† (Polytechnic, JMHC) Sahil Desai‡ (Engineering, JMHC) Jue Fang‡ (Polytechnic, JMHC)	Jason Ware (JMHC)
Research Talk #9016 presented 11/14-11/21 virtually	Yuechan Li† (Polytechnic)	Abolfazl Hashemi (Engineering) Shivam Bhat (Science) Zijian He (Engineering)
Research Talk #9020 presented 11/14-11/21 virtually	Chia-Hua Lin† (Polytechnic)	Sudip Vhaduri (Polytechnic) Jinjin Cai (Polytechnic)
Research Talk #9029 presented 11/14-11/21 virtually	Linh Pham† (Polytechnic)	Paul Parsons (Polytechnic) Zixu Zhang (Polytechnic)
Research Talk #9037 presented 11/14-11/21 virtually	Harshith Suresh† (Polytechnic)	Charles D'Onofrio (Engineering)