

Summer 2023 Undergraduate Research Symposium: *Polytechnic Institute*

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 #127 presented 7/27 @ 10:00-11:30am	Patrick Chuang† (Polytechnic Institute)	Sunghwan Lee (Polytechnic Institute) Dong Hun Lee (Polytechnic Institute)
Poster #170 presented 7/27 @ 10:00-11:30am	David Flores† (University of New Mexico)	Richard Voyles (Polytechnic Institute) Upinder Kaur (Polytechnic Institute)
Poster #232 presented 7/27 @ 10:00-11:30am	Hector Valenzuela† (University of New Mexico)	Richard Voyles (Polytechnic Institute) Upinder Kaur (Polytechnic Institute)
Poster #301 presented 7/27 @ 1:00-2:30pm	Min Yong Chung† (Polytechnic Institute) Harry K. Lee‡ (Engineering)	Garam Kim (Polytechnic Institute)
Poster #317 presented 7/27 @ 1:00-2:30pm	Nathan Bitner† (Engineering, JMHC)	Aparajita Jaiswal (Ofc of Corp and Gbl Partnersh) Gaurav Nanda (Polytechnic Institute)
Poster #325 presented 7/27 @ 1:00-2:30pm	Kah Soon Ngooi† (Engineering)	ChengCheng Tao (Polytechnic Institute) Jan Olek (Polytechnic Institute)
Poster #331 presented 7/27 @ 1:00-2:30pm	Gabriel A Baquero† (University of Houston) Bianca Perez‡ (Polytechnic Institute) Ndongo Njie‡ (Princeton University)	Daniel Leon-Salas (Polytechnic Institute) Lisa Bosman (Polytechnic Institute)
Poster #332 presented 7/27 @ 1:00-2:30pm	Devon Fears† (Houston Christian University)	Sunghwan Lee (Polytechnic Institute) Dong Hun Lee (Polytechnic Institute)
Poster #333 presented 7/27 @ 1:00-2:30pm	Quin Howell† (California State University, Chico) Ryder Michael† (Schreiner University) Emanuel Lugo† (University of Puerto Rico - Mayaguez)	Jose Garcia-Bravo (Polytechnic Institute)
Poster #334 presented 7/27 @ 1:00-2:30pm	Amy LeGrande† (Engineering) Brandon Yonnie‡ (Engineering)	Lisa Bosman (Polytechnic Institute) Esteban Soto (Engineering) Gnanaprakash Athmanathan (Engineering)
Poster #335 presented 7/27 @ 1:00-2:30pm	Ndongo Njie† (Princeton University) Bianca Perez‡ (University of Texas San Antonio) Gabriel A Baquero‡ (University of Houston)	Daniel Leon-Salas (Polytechnic Institute) Lisa B Bosman (Polytechnic Institute)
Poster #336 presented 7/27 @ 1:00-2:30pm	Bianca Perez† (University of Texas San Antonio) Gabriel Baquero‡ (University of Houston) Ndongo Njie‡ (Princeton University)	Daniel Leon-Salas (Polytechnic Institute) Lisa Bosman (Polytechnic Institute)
Poster #337 presented 7/27 @ 1:00-2:30pm	Aurora Raygoza† (Polytechnic Institute) Julie Ware† (Polytechnic Institute) Brandon Dickenson† (Polytechnic Institute)	Jason Ostanek (Polytechnic Institute)

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Presentation	Students	Mentors
Poster #338 presented 7/27 @ 1:00-2:30pm	Brandon Yonnie† (Engineering) Amy LeGrande‡ (Engineering)	Lisa Bosman (Polytechnic Institute) Esteban Soto (Engineering) Gnanaprakash Athmanathan (Engineering)
Poster #340 presented 7/27 @ 1:00-2:30pm	Georgia Alexander† (Purdue Polytechnic High School) Aspen Arnold* (Purdue Polytechnic High School) Daniel White* (Purdue Polytechnic High School) Kaydence Hall* (Purdue Polytechnic High School) Francisco Hurtado* (Purdue Polytechnic High School)	Brandon Allen (Engineering) William Walls
Poster #341 presented 7/27 @ 1:00-2:30pm	Aspen Arnold† (Purdue Polytechnic High School) Georgia Alexander* (Purdue Polytechnic High School) Francisco Hurtado* (Purdue Polytechnic High School) Jarret Harris* (Purdue Polytechnic High School) Daniel White* (Purdue Polytechnic High School) Kaydence Hall* (Purdue polytechnic)	Brandon Allen (Engineering) William Walls
Poster #342 presented 7/27 @ 1:00-2:30pm	Kaydence Hall† (Purdue Polytechnic High School)	Brandon Allen (Engineering) William Walls
Poster #343 presented 7/27 @ 1:00-2:30pm	Jarrett Harris† (Purdue Polytechnic High School) Francisco Hurtado* (Purdue Polytechnic High School) Kaydence Hall* (Engineering) Aspen Arnold* (Engineering) Daniel White* (Engineering) Georgia Alexander* (Engineering)	Brandon Allen (Engineering) William Walls (Engineering)
Poster #344 presented 7/27 @ 1:00-2:30pm	Francisco Hurtado† (Purdue Polytechnic High School) Aspen Arnold* (Purdue Polytechnic High School) Jarrett Barkley* (Purdue Polytechnic High School) Daniel White* (Purdue Polytechnic High School) Kaydence Halls* (Purdue Polytechnic High School) Georgia Alexander* (Purdue Polytechnic High School)	Brandon Allen (Engineering) William Walls

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Presentation	Students	Mentors
Poster #345 presented 7/27 @ 1:00-2:30pm	Daniel White† (Purdue Polytechnic High School) Aspen Arnold* (Purdue Polytechnic High School) Kaydence Hall* (Purdue Polytechnic High School) Georgia Alexander* (Purdue Polytechnic High School) Francisco Hurtado* (Purdue Polytechnic High School) Jarrett Harris* (Purdue Polytechnic High School)	Brandon Allen (Engineering) William Walls
Poster #400 presented 7/27 @ 1:00-2:30pm	Bao Quoc Phant† (Science) Alex Wang‡ (Science, Polytechnic Institute)	Neera Jain (Engineering) Michael Williamson Tabango (Engineering) Sibibalan Jeevanandam (Engineering)
Research Talk #503 presented 7/27 @ 9:00am	Harry Lee† (Engineering, JMHC)	Garam Kim (Polytechnic Institute) Eduardo Barocio (Engineering)
Research Talk #520 presented 7/27 @ 10:40am	Mitesh Mylvaganant† (Polytechnic Institute)	Sunghwan Lee (Polytechnic Institute)
Research Talk #531 presented 7/27 @ 11:20am	Jonah Lau† (Engineering) Robert Beatty‡ (Engineering) Shea Ruthe‡ (Engineering) Trent Bloor‡ (Engineering, JMHC) Zenen Enriquez‡ (Engineering) Julian Triveri‡ (Polytechnic Institute)	Stylianios Chatzidakis (Engineering) George Takahashi (Research Computing) Xin Yi Zhou (Research Computing)
Research Talk #547 presented 7/27 @ 12:00pm	Xipeng Wang† (Science, Polytechnic Institute)	Neera Jain (Engineering) Sibibalan Jeevanandam (Engineering) Michael Williamson Tabango (Engineering)
Research Talk #577 presented 7/27 @ 3:40pm	Ziqi Yao† (HHS) Bhavti Shah* (HHS, Polytechnic Institute) Brandon Krivsky* (HHS)	Franki Kung (HHS) Zhixu (Rick) Yang (HHS)
Research Talk #596 presented 7/27 @ 4:00pm	Byung Wook Kim† (Engineering) Hyunjun Park‡ (Engineering)	Deepak Raina (Polytechnic Institute) Richard Voyles (Polytechnic Institute)
Research Talk #704 presented 7/26-7/31 virtually	Adam Hafez† (Liberal Arts, Polytechnic Institute)	Daniel Schiff (Liberal Arts) Alejandra Magana (Polytechnic Institute) Lucas Wiese (Polytechnic Institute)
Research Talk #712 presented 7/26-7/31 virtually	Gina C. Baquero† (Engineering)	Jose Garcia-Bravo (Polytechnic Institute)
Research Talk #715 presented 7/26-7/31 virtually	Tansi Zhang† (Science, Polytechnic Institute)	Yingjie Chen (Polytechnic Institute)