

Summer 2023 Undergraduate Research Symposium: JMHC

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 #120 presented 7/27 @ 10:00-11:30am	Karla Dominguez† (Engineering, JMHC)	Ankita Raturi (Agriculture) Steven Doyle (Engineering)
Poster #124 presented 7/27 @ 10:00-11:30am	Mario Perez-Ahuatl† (Agriculture, JMHC)	Luiz Brito (Agriculture)
Poster #130 presented 7/27 @ 10:00-11:30am	Chloe Chui† (Agriculture, JMHC)	Xing Liu (Agriculture)
Poster #134 presented 7/27 @ 10:00-11:30am	Shayden Jones† (Agriculture, JMHC)	Luiz Brito (Agriculture) Henrique Mulim (Agriculture)
Poster #137 presented 7/27 @ 10:00-11:30am	Sophia Pruitt† (Agriculture, JMHC)	Vikki Weake (Agriculture) Sarah McGovern (Agriculture) Seth Lammert (Agriculture)
Poster #140 presented 7/27 @ 10:00-11:30am	Alice Westermann Villwock† (Agriculture, JMHC)	Joe Ogas (Agriculture) Jiaxin Long (Agriculture) Jacob Fawley (Agriculture)
Poster #153 presented 7/27 @ 10:00-11:30am	Aidan Brown† (Engineering, JMHC)	Jonathan Wilker (Science) Aaron Mena (Science)
Poster #171 presented 7/27 @ 10:00-11:30am	Madeline Frasure-Lauth† (Engineering, JMHC)	Paula Coelho (Engineering) Gracie Fitzgerald (Engineering) Paula Belmont (Engineering)
Poster #174 presented 7/27 @ 10:00-11:30am	Mason Giacchetti† (Science, JMHC) Sean Flanary* (Science) Karrick McGinty* (Engineering)	Andreas Jung (Science) Andrew Wildridge (Science)
Poster #175 presented 7/27 @ 10:00-11:30am	Gabriel Goodwin† (Engineering, Science, JMHC) Lauren Bell* (Science)	Arnab Banerjee (Science) Jhinkyu Choi (Science)
Poster #192 presented 7/27 @ 10:00-11:30am	Edwin Legall† (Science, JMHC)	richard kuhn (Science) Jacqueline Anderson (Science)
Poster #198 presented 7/27 @ 10:00-11:30am	Alexander McQuade† (Pharmacy, JMHC)	Lia Stanciu (Engineering) Amit Barui (Engineering) Sunil Vasu (Engineering)
Poster #200 presented 7/27 @ 10:00-11:30am	Angus Moore† (Engineering, JMHC)	Ala Eddin Douba (Engineering) Kendra Erk (Engineering)
Poster #201 presented 7/27 @ 10:00-11:30am	Kyle Mundy† (Engineering, JMHC)	Majid Kazemian (Agriculture) Luopin Wang (Science)
Poster #205 presented 7/27 @ 10:00-11:30am	Rio Ohtake† (Pharmacy, JMHC)	Danzhou Yang (Pharmacy) Sarah Dagher (Pharmacy) Yichen Han (Pharmacy)

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Poster #217 presented 7/27 @ 10:00-11:30am	Ryan Rushing† (Science) Bianca Caminada‡ (Science, JMHC) Eleazar Gonzalez* (Science)	Ken Ritchie (Science)
Poster #225 presented 7/27 @ 10:00-11:30am	Kiran Sultana† (Engineering, JMHC)	John Howarter (Engineering) Jeffrey Youngblood (Engineering) Geeta Pokhel (Engineering)
Poster #235 presented 7/27 @ 10:00-11:30am	Yichu Xu† (Engineering) Sydney Belk* (Engineering, JMHC) Jackson Truitt* (Engineering)	Jeffrey Youngblood (Engineering) Michael Titus (Engineering) David Johnson (Engineering) Rodrigo Orta Guerra (Engineering) Lipi Roy (Engineering)
Poster #240 presented 7/27 @ 10:00-11:30am	Brendan Duffy† (Engineering, JMHC) Rongkai Yu* (Engineering)	Ganesh Subbarayan (Engineering) Sean Lai (Engineering) Sukshitha Achar (Engineering) Carol Handwerker (Engineering)
Poster #242 presented 7/27 @ 10:00-11:30am	Rongkai Yu† (Engineering) Brendan Duffy* (Engineering, JMHC)	Ganesh Subbarayan (Engineering) Carol Handwerker (Engineering) Sean Lai (Engineering) Sukshitha Achar (Engineering)
Poster #305 presented 7/27 @ 1:00-2:30pm	Camille Higgins† (Science, JMHC)	Ramaswamy Subramanian (Science) Vijayan Dhanabalan (Science)
Poster #306 presented 7/27 @ 1:00-2:30pm	Carson Hubert† (Science, JMHC)	Danzhou Danzhou (Pharmacy) Luying Chen (Pharmacy)
Poster #311 presented 7/27 @ 1:00-2:30pm	Lorraine Prevost† (HHS, JMHC)	John Christian (Veterinary Medicine) Amanda Bettag (Veterinary Medicine)
Poster #314 presented 7/27 @ 1:00-2:30pm	Alexandra Wildridge† (HHS, Science, JMHC)	Jennifer Brown (HHS) Stephen Beegle (HHS) Dylanne Twitty (University of Cincinnati)
Poster #323 presented 7/27 @ 1:00-2:30pm	Sarah Grev† (Engineering) Claudia Albrecht* (Liberal Arts, JMHC)	Craig Goergen (Engineering) Luke Schepers (Engineering) Jennifer Anderson (Engineering)
Poster #324 presented 7/27 @ 1:00-2:30pm	William Messman† (Science, JMHC)	Lei Wang (Science) Guang Lin (Science) Zhaoyu Liu (Science)
Poster #339 presented 7/27 @ 1:00-2:30pm	Violet Saldarriaga† (Science, JMHC)	Alexander Chubykin (Science) Sanghamitra Nareddula (Science) Michael Paul Zimmerman (Engineering)
Poster #377 presented 7/27 @ 1:00-2:30pm	Samuel Greenaway† (Engineering, JMHC)	Yi Xie (Engineering)
Poster #381 presented 7/27 @ 1:00-2:30pm	Ian Holda† (Science, JMHC)	Kevin Webb (Engineering) Christopher Lacny (Engineering)
Poster #398 presented 7/27 @ 1:00-2:30pm	Nathan Petrucci† (Engineering, JMHC)	Xiaoping Bao (Engineering) Yun Chang (Engineering) Jingqiao Shen (Engineering)
Poster #406 presented 7/27 @ 1:00-2:30pm	Daksh Kumar Singh† (Engineering, JMHC)	Alexandra Boltasseva (Engineering) Blake Wilson (Engineering) Yuheng Chen (Engineering) Alexander Kildishev (Engineering) Vladimir Shalaev (Engineering)
Poster #408 presented 7/27 @ 1:00-2:30pm	Yubo Song† (Engineering, JMHC)	Tiwei Wei (Engineering) Zheng Gong (Engineering)
Poster #415 presented 7/27 @ 1:00-2:30pm	Clayton Walkert† (Engineering, JMHC)	Sanjay Rao (Engineering) Ehab Ghabashneh (Engineering)

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Presentation	Students	Mentors
Poster #425 presented 7/27 @ 1:00-2:30pm	Emmanuel Ortiz [†] (Engineering, JMHC) Matthew Gerona [‡] (Engineering, JMHC)	Jeff Miller (Engineering) Ted Kim (Engineering)
Poster #437 presented 7/27 @ 1:00-2:30pm	Natasha Gundapaneni [†] (Engineering, JMHC)	Yung-Hsiang Lu (Engineering)
Research Talk #506 presented 7/27 @ 9:00am	Jack Martin [†] (Engineering, JMHC)	Diane Collard (Engineering) Steven Son (Engineering) Gabriel Montoya (Engineering)
Research Talk #510 presented 7/27 @ 9:20am	Cole Lush [†] (Engineering, JMHC) Ishaan Rao* (Engineering, JMHC)	Peter Bermel (Engineering) Sayan Roy (Engineering)
Research Talk #513 presented 7/27 @ 9:20am	Youyi Zhou [†] (Engineering, JMHC)	David Warsinger (Engineering) Sudharshan Anandan (Engineering)
Research Talk #529 presented 7/27 @ 10:40am	Ella Richards [†] (Engineering, JMHC)	Monique McClain (Engineering) Josh Anderson (Engineering)
Research Talk #533 presented 7/27 @ 11:00am	Dylan Forbes [†] (Science, JMHC)	Xilai Li (Science) Habib Gholipour-Ranjbar (Science) Julia Laskin (Science)
Research Talk #546 presented 7/27 @ 12:00pm	Ishaan Rao [†] (Engineering, JMHC) Cole Lush* (Engineering, JMHC)	Peter Bermel (Engineering) Sayan Roy (Engineering)
Research Talk #550 presented 7/27 @ 1:40pm	John Woodruff [†] (Agriculture, Engineering, JMHC)	Dharmendra Saraswat (Agriculture)
Research Talk #556 presented 7/27 @ 1:40pm	Gabrielle Tannert [†] (Engineering, JMHC)	Taimoor Qazi (Engineering)
Research Talk #559 presented 7/27 @ 2:40pm	Sam Eger [†] (Science, JMHC) Anna Kendrick* (Pharmacy) Valentina Toro Ramirez* (Pharmacy) Manuel Torres* (Pharmacy)	Rob Stahelin (Pharmacy)
Research Talk #586 presented 7/27 @ 3:40pm	Amelya Fox [†] (Engineering, JMHC)	Craig Goergen (Engineering) Luke Schepers (Engineering) Conner Earl (Engineering)
Research Talk #593 presented 7/27 @ 4:00pm	Kotekar Annapoorna Prabhu [†] (Engineering) Caroline Henson* (Engineering, JMHC)	Alexandria Volkening (Science)
Research Talk #597 presented 7/27 @ 4:20pm	Sydney Belk [†] (Engineering, JMHC) Yichu Xu* (Liberal Arts, Science) Jackson Truitt* (Engineering)	Jeffrey Youngblood (Engineering) Michael Titus (Engineering) Rodrigo Orta (Engineering) David Johnson (Engineering)
Research Talk #703 presented 7/26-7/31 virtually	Spencer Burkhalter [†] (Engineering, JMHC)	Jan-Anders Mansson (Engineering)
Research Talk #711 presented 7/26-7/31 virtually	Agustina Peck [†] (Science, JMHC)	Mario Harper (Utah State University) Brandon Allen (Engineering)
Research Talk #720 presented 7/26-7/31 virtually	Henry Olson [†] (Science, JMHC)	Erik Gough (Information Technology) Ryan DeRue (Research Computing)