

Spring 2025 Student Showcase in Indianapolis: *ExEd Type: Undergraduate research and scholarly projects*

This list is inclusive of all presentations where the program was identified in the conference application. Students' and Mentors' names are based on information submitted in conference applications, except for the following:

- Purdue students' divisions are based on institutional academic data. (Visiting students do not have a division.)
- Purdue mentors' divisions are based on their primary appointment at Purdue.
- Name spellings appear as submitted in OURConnect. Names may be edited (for future reporting) via "my profile" in OURConnect.

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

Presentation	Students	Mentors and Other Acknowledgments
Poster #100 presented 4/24 @ 10:30-12:00pm	Ahammad Ashar Ahammad Ashar† (Engineering) Krtin Akkineni† (Engineering) Daniella Daluchi Chizoba Ejeckam† (Engineering) Kjaesean Jaisyn Forde† (Engineering) Kalani K Harada† (Engineering) Nolan Lee Hardman† (Engineering) Vasanth Kalangari† (Engineering) Brandon Lee Koers† (Engineering) Juan Felipe McKendry† (Engineering) Pinidu Nanayakkara† (Engineering) Annalyz Nguyen† (Engineering) Zilan Patel† (Engineering) Neilambar Risal† (Engineering) Chaitanya Dnyanesh Sonawane† (Engineering) Cameron G Summersgill† (Engineering)	Charles Holliday Jenckes (Engineering) Ahamed Thaha Hussein (Engineering)
Poster #101 presented 4/24 @ 10:30-12:00pm	Padraig Alford† (Engineering) Saketh E Thillai† (Engineering) Brandon Christopher Howard† (Engineering)	Andres Tovar (Purdue University) Jess Flynn Chen (Engineering)
Poster #111 presented 4/24 @ 10:30-12:00pm	Luke Charles Crummett† (Engineering) Tsz Pui Jiang† (Engineering) Jacob Tyler Renta† (Engineering) Ojus Giri† (Engineering) Hao-Chen Li† (Engineering)	Steve Clayton Rausch (Engineering)
Poster #113 presented 4/24 @ 10:30-12:00pm	Colton Ray Davis† (Engineering) Jacob Mathew Smith† (Engineering) [JMHC] Catherine Mae Bowen† (Engineering) Alexandra Lauren McKoy† (Engineering) Kingen Eli Burbrink† (Engineering) Nadia Persis Rixner† (Engineering)	Charles Holliday Jenckes (Engineering) MohammadHossein Jamshidnejad (Engineering)
Poster #115 presented 4/24 @ 10:30-12:00pm	Caiden A Diaz† (Engineering) Scott F Dukes† (Engineering) Nickolas Anthony Frascone† (Engineering) Aidan Joseph Ghosh† (Engineering) Joseph Andres Gonzalez† (Engineering) Jacob Henry Rikkola† (Engineering) Ayden Matthew Rosencranz† (Engineering) Aarav Singh† (Engineering) Colin S Ternust† (Engineering)	Charles Holliday Jenckes (Engineering)
Poster #116 presented 4/24 @ 10:30-12:00pm	Nathaniel Loewito Elijanto† (Engineering) Kyle Prakash Gyawali† (Engineering) Carter John Kundingert† (Engineering)	Andres Tovar (Purdue University) Seyedeh fatemeh Nabavi (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #119 presented 4/24 @ 10:30-12:00pm	Jonathan Steven Hicklet† (Engineering) Erik William Schneider† (Engineering) John Richard Cox† (Engineering) Meyan Ketan† (Engineering) William Edward Dietsch† (Engineering) Aadi Bhattacharya† (Engineering) Michelle Katrin Novoselova† (Engineering) Ahana Roy Chaudhury† (Engineering) Richard James Buchanan† (Engineering) Valerie Wingsee Cheang† (Engineering) Nicholas Andrew Ostavnenko† (Engineering)	Charles Holliday Jenckes (Engineering) Ramaa Saket Suri (Engineering)
Poster #121 presented 4/24 @ 10:30-12:00pm	Jason Zhengxuan Huang† (Engineering) YuKuan Lu† (Engineering) Aaditi Anupam Vaval† (Engineering) Eric Chase Williams† (Engineering) Matthew D Samuel† (Engineering) Roni H Aziz† (Engineering)	Steve Clayton Rausch (Engineering) Mark Johnson (Engineering)
Poster #130 presented 4/24 @ 10:30-12:00pm	Akaash J Mondal† (Engineering) Safa Islam† (Engineering) James McAlindon† (Engineering) Fred Kadima† (Engineering JMHC) Xiaoyang Yu† (Engineering)	Charles Holliday Jenckes (Engineering) MohammadHossein Jamshidnejad (Engineering)
Poster #131 presented 4/24 @ 10:30-12:00pm	Ishita Mukadam† (Engineering)	Rachel Kathleen Surowiec (Engineering) Renee Chantal El Miller (Engineering) Wikum Roshan Ban Ranasinghe Mudiyansele (Engineering)
Poster #136 presented 4/24 @ 10:30-12:00pm	Cade Evan Pell† (Engineering) Scott Alan Lohman† (Engineering JMHC) Tyler J Hagan† (Engineering) Reed Emory England† (Engineering)	Andres Tovar (Purdue University) Charles Holliday Jenckes (Engineering)
Poster #140 presented 4/24 @ 10:30-12:00pm	Joshua Glen Renshaw† (Engineering)	Andres Tovar (Purdue University)
Poster #143 presented 4/24 @ 10:30-12:00pm	Christian Paul Hardy Scott† (Engineering JMHC)	Babak Anasori (Engineering) Anupma Thakur (Engineering) Nithin Chandran Balachandran Sajitha (Engineering)
Poster #144 presented 4/24 @ 10:30-12:00pm	Milica Slavkovic† (Science)	Michael Humes Borkowski (Science)
Poster #200 presented 4/24 @ 1:30-3:00pm	Laila Abdelwahab† (Engineering JMHC) Karan Rahul Karkhanis* (Engineering)	Julie Ying Hui Ji (Purdue University) Sungsoo Na (Purdue University)
Poster #205 presented 4/24 @ 1:30-3:00pm	Gavin Allen Arner† (Engineering) Zachary Gosnell† (Engineering) Elliott Samuel Korentager† (Engineering) Cohen Scott Meredith† (Engineering) Pralhad Prashant Mundargi† (Engineering) Gavin Wang† (Engineering) Aditi R Hemmige† (Engineering) Willard Gabriel Rash Cuevas‡ (Engineering) Samir Niradbhai Patel‡ (Engineering) Meghana Sunil Kumar‡ (Engineering) Jaskarandeep Kaur‡ (Engineering) Jakob Eric Mikolajczyk‡ (Engineering)	Ken Yoshida (Purdue University) Mahdi Ghanati (Engineering) Gabriel Thomas Flath-Everhard (Purdue University)
Poster #206 presented 4/24 @ 1:30-3:00pm	Chinwendu Zachariah Ayogu† (Engineering JMHC)	Mohamed Razi Nalim (Purdue University)
Poster #207 presented 4/24 @ 1:30-3:00pm	Nishant Ramashankar Bhargava† (Engineering) Adrienne Dale Torres Balahadia† (Engineering) Cassandra Lobo Gonzalez† (Engineering) Partha Rathi† (Engineering) Eeshwar Ram Chalasani† (Engineering) Ihenna Nathan Anoliefo† (Science) Rikhil Tadiparthi† (Engineering)	Kevin T Lee (Engineering)

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Poster #209 presented 4/24 @ 1:30-3:00pm	Phillip John Bock† (Engineering) Shagunpreet Kaur† (Engineering JMHC) Benjamin Allen Romig† (Engineering) Gavin Michael Strickland† (Engineering)	Sharon J Miller (Office of the Provost) Diane Wagner (Purdue University) Steve Higbee (Engineering) Olivia Nicole White (Engineering) Violet Mikaela Frye (Engineering) Kevin Jay Carr (Engineering)
Poster #210 presented 4/24 @ 1:30-3:00pm	Nolan Douglas Brown† (Engineering) Abhijeet Vijay Mohod† (Engineering) Grayson Dean Gibson† (Engineering) Michael Brayden Hudson† (Engineering) Aditya Hegde† (Engineering)	Steve Clayton Rausch (Engineering)
Poster #213 presented 4/24 @ 1:30-3:00pm	Aurelia Azifa Chelfannisa† (Engineering)	Rachel Kathleen Surowiec (Engineering)
Poster #217 presented 4/24 @ 1:30-3:00pm	Andrew James Gillespie† (Engineering)	Jing Zhang (Purdue University)
Poster #218 presented 4/24 @ 1:30-3:00pm	Alexander Jeffrey Grey† (Engineering) Teague Kingsley Walters† (Engineering) Jonah Vadim Hanrahan† (Engineering JMHC)	Andres Tovar (Purdue University)
Poster #219 presented 4/24 @ 1:30-3:00pm	Jonathan Steven Hickley† (Engineering)	Krutarth Hemant Khot (Engineering) Xiulin Ruan (Engineering)
Poster #221 presented 4/24 @ 1:30-3:00pm	Karan Rahul Karkhanis† (Engineering) Laila Abdelwahab† (Engineering JMHC)	Sungsoo Na (Purdue University) Julie Ying Hui Ji (Purdue University)
Poster #223 presented 4/24 @ 1:30-3:00pm	Caleb Benjamin Manring† (Engineering JMHC) Anna Christine Schroeder† (Engineering) Pearl-marie M Andoh† (Engineering) Makenzie Leigh Sheehan† (Engineering)	Sharon J Miller (Office of the Provost) Steve Higbee (Engineering) Olivia Nicole White (Engineering)
Poster #226 presented 4/24 @ 1:30-3:00pm	Jacob Metcalf† (Engineering) Luke Yen† (Engineering)	Michelle S Ulmer (Engineering)
Poster #227 presented 4/24 @ 1:30-3:00pm	Renee Chantal El Millert† (Engineering) Zachary Knauss† (Engineering JMHC) Alexis Jo Whittinger† (Engineering JMHC) Geoffrey Lee VanSickle† (Engineering)	Sharon J Miller (Office of the Provost) Steve Higbee (Engineering)
Poster #233 presented 4/24 @ 1:30-3:00pm	Rudra Vimlesh Patel† (Engineering) Alexander Marcus Krapels† (Engineering) Madilyn Grace Shingle† (Engineering) Yutong Wu† (Engineering) Cole Allen Hufford† (Engineering) Jack Brian Cramer† (Engineering)	Steve Clayton Rausch (Engineering) Arvind Krishna Radhakrishnan (Engineering)
Poster #241 presented 4/24 @ 1:30-3:00pm	Ayden Matthew Rosencranz† (Engineering) Antonio C De Oliveira Segura* (Engineering) Charlita Sinmak* (Engineering)	Ken Yoshida (Purdue University) Babak Anasori (Engineering) Nathaniel Liam Lazorchak (Engineering) Awadh Mubarak M Al Hawwash (Engineering) Anupma Thakur (Engineering)
Poster #245 presented 4/24 @ 1:30-3:00pm	Jack C Weron† (Engineering) Dean Michael Ahrens† (Engineering)	Andres Tovar (Purdue University) Christopher Edward Finch (Engineering) Charles Holliday Jenckes (Engineering)
Poster #138 presented 4/24 @ 10:30-12:00pm	Ashwin Srisai Pulla† (Engineering) Tamara Shakri Houran† (Engineering)	Afshin Izadian (Polytechnic) Christine Taylor (Polytechnic) Fateme Karimi Hafshejani (Polytechnic)
Poster #202 presented 4/24 @ 1:30-3:00pm	Bader Emad Abu-Shanab† (Engineering) Danielle May Hatt† (Engineering) Caleb Jaramillo Bonham† (Engineering) Carter Joseph Christie† (Engineering) Toby Dwayne George† (Engineering) Muhammad Irfan Bin Khairuddin† (Engineering) Bekhruza Mamajonova† (Engineering JMHC) Jin Park† (Engineering) Adam Zikry Mohd Shahrizant† (Engineering)	Steve Clayton Rausch (Engineering) Arvind Krishna Radhakrishnan (Engineering)

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Poster #215 presented 4/24 @ 1:30-3:00pm	Yousef Tarek Morsey Elarabi† (Engineering) Dillon Michael Smitherman† (Engineering) Michael Patrick O'Hara‡ (Engineering) Peter Thomas Larson‡ (Engineering) Nebras Alam‡ (Engineering) Matthew Christian Burke‡ (Engineering) Abiel Amanuel Tesfazion‡ (Engineering)	Steve Clayton Rausch (Engineering)
Poster #127 presented 4/24 @ 10:30-12:00pm	Milo Orson Lamas† (Engineering) Kevin Dong† (Engineering) Colin Robert Eddington† (Engineering) Austin James Henson† (Engineering) Noah Scott Hindley† (Engineering) Daniel Junsik Kim† (Engineering) Mia Rae Laskiewicz† (Engineering) Darrick Khoi Le† (Engineering) Manan Pahwa† (Engineering) William Zachary Rowen† (Engineering) Koichiro Saito† (Engineering) Carlo Juan Salenda† (Engineering) Ashaz Adil Shaikh† (Engineering) Michael Shearer† (Engineering) Mantavya Vashishth† (Engineering)	Steve Clayton Rausch (Engineering)
Poster #211 presented 4/24 @ 1:30-3:00pm	Gavin L Burtch† (Engineering JMHC) Katelynn Rose Gallagher† (Engineering) Kelci Maire Malloy† (Engineering JMHC) Logan C Schomaker† (Engineering)	Sharon J Miller (Office of the Provost) Steve Higbee (Engineering)
Poster #132 presented 4/24 @ 10:30-12:00pm	Hang Minh Nguyen† (Engineering) Kaitlyn Hope Isaak† (Engineering) Kunaal Parashar† (Engineering) Jonathan Ka-Wing Chan† (Engineering) Antonio C De Oliveira Segura† (Engineering) Jan-Lun Chang† (Engineering) Sachenka Katrina Angel Aranguena† (Engineering) Stephanie Allissa Chau† (Engineering)	Steve Clayton Rausch (Engineering) Rama Harika Nanduri (Engineering)