

Fall 2025 Undergraduate Research Expo: *Polytechnic*

This list is inclusive of all presentations where at least one student or at least one mentor is linked to the specified division. 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
Poster #1001 presented 11/18 @ 9:00-10:00am	Abdullah Alkazemi† (Engineering) Zi-Hao Ethan Wei† (Engineering) Kyllyne Kuo† (DSB) Arav Prasanna Ginde† (DSB) Zoe Chen‡ (Engineering) Parth Dama‡ (DSB) Gabriel Dean Kuchersky‡ (DSB) Maya R Labonte‡ (Engineering) Francine Yu He Zhang‡ (Engineering) Sullivan Kelly Mills‡ (DSB)	John W Sheffield (Polytechnic)
Poster #1048 presented 11/18 @ 9:00-10:00am	Dillon Brennan Kay† (Polytechnic)	Sunghwan Lee (Polytechnic)
Poster #1058 presented 11/18 @ 9:00-10:00am	Colleen Li† (Science) Aadit Khurana† (Polytechnic) Tran Le Ngoc Vo† (Science)	Nikkhil Vijaya Sankar (Engineering) Mohammad Reza Jahanshahi (Engineering)
Poster #1093 presented 11/18 @ 9:00-10:00am	Francisco Alejandro Ruiz† (Science) Jason Timothy Emsley† (Science) Jay Philip Gannam† (Science) Chawin Mingsuwan† (Polytechnic)	Noah William Zimmer (Science) Danny Milisavljevic (Science)
Poster #1113 presented 11/18 @ 9:00-10:00am	Angela Anqi Tan† (DSB JMHC)	Lisa B Bosman (Polytechnic)
Poster #1208 presented 11/18 @ 10:30-11:30am	Siddarth Balaji Calidas† (Engineering) Aadya Rangole† (Science) Aya Wael Mohammed Tawfik Elghayaty† (Engineering) Andrew Dominick Angel† (Engineering) Pin-Hsuan Tu‡ (Polytechnic) Marko Daniel Peric‡ (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Richard Osita Ajagu (Engineering)
Poster #1213 presented 11/18 @ 10:30-11:30am	Erika Chiommino† (Science JMHC) Anyaa Kanagala† (Polytechnic) Nicola Jirina Ferrante† (Science) Ananya Molugu† (Engineering) Ishaan Avinash Limaye‡ (Science JMHC)	Braden Lee Garretson (Science) Danny Milisavljevic (Science)
Poster #1227 presented 11/18 @ 10:30-11:30am	Weston James Ertel† (Engineering)	Jiansong Zhang (Polytechnic) Jingyi Lai (Polytechnic)
Poster #1258 presented 11/18 @ 10:30-11:30am	Gavin Craig Kulak† (DSB) Sulav Shrestha† (Polytechnic) Viswanath Jay Nair† (DSB) Henry Patrick Merchant† (DSB)	Davi Cordeiro Moreira (DSB)

Presentation	Students	Mentors
Poster #1269 presented 11/18 @ 10:30-11:30am	Jacob Charles Long† (DSB) Chengming Wu† (DSB) William David Bridgnell† (Engineering) Andrew Joseph Shelley‡ (Polytechnic) Alexander T Valdes‡ (Engineering) Margulan Mukhametkarim‡ (Engineering) Steven James Van Hulle‡ (Science)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Richard Osita Ajagu (Engineering) Samuel Labi (Engineering)
Poster #1273 presented 11/18 @ 10:30-11:30am	Harshini Madhusudhanan† (DSB) Clara Cecilia de Groot† (DSB) Fanyang Meng† (Polytechnic) Connor David Watson† (DSB JMHC)	Hazim Atef El Mounayri (Purdue University)
Poster #1411 presented 11/18 @ 12:00-1:00pm	Pranav V Chitivel† (Science) Ananya Jajoo† (Science)	Jiansong Zhang (Polytechnic) Fan(Aria) Yang (Polytechnic)
Poster #1418 presented 11/18 @ 12:00-1:00pm	Francisco Javier De La Victoria Vazquez† Luis Manuel Alvarez Casillas‡	Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering)
Poster #1424 presented 11/18 @ 12:00-1:00pm	Brandon Anthony Farber† (Engineering JMHC)	Tho Le (Polytechnic)
Poster #1430 presented 11/18 @ 12:00-1:00pm	Marisa Jean Fredrickson† (Engineering) Nathan Tian-Lin Wan† (Science) Eliana Elise Roeder† (Engineering) Somya Sakalle† (Science) Christina Lee‡ (Science Graduate) Sebastian Sea-Tian Ting‡ (Science) Devashree Parambath‡ (Science) Sooji Lee‡ (Science) Sahil Jain‡ (Science) arunima chowdhury* Arnav Daryani* (Science) Natalia Cadence Hombs* (Engineering JMHC) Aryan Kaul* (Science) Amber Kuoiwa Khauv* (Science) Mert Ryan Kiroglu* (DSB) Hai Lam Le* (Engineering) Ryan Patrick Leonard* Michael Ming Li* (Science) Hridhay Monangi* (Science) Abhik Mullick* (Polytechnic) Rishi Mantri* (Engineering) Pratham Jigneshbha Patel* (Science) Shamsad Rahman* (Engineering) Dean Snyder* (Engineering JMHC) Sophia Elizabeth Steele* (Engineering) Roohee Esha Urs* (Science JMHC) Sami Nasser Zagha* (Science) Taryn Celia Zakrzewski* (Engineering)	Renee Murray (Liberal Arts) Frederick C Berry (Polytechnic)
Poster #1459 presented 11/18 @ 12:00-1:00pm	Lillian Ji† (Engineering) Anh Kim Ho† (Engineering) Joanna Yuping Wu† (Engineering) Jai Nanda Lakamsani† (Polytechnic)	James Michael Goppert (Engineering)
Poster #1465 presented 11/18 @ 12:00-1:00pm	Matthew Christopher Kim† (Science) Shihui You† (Polytechnic) Gabriel Hammond† (Science) Suhani Sunder‡ (Science)	David Alan Ruiter (Science) Heather Nicole Martin (Science) Andy Jung (Science)

Presentation	Students	Mentors
Poster #1466 presented 11/18 @ 12:00-1:00pm	Jozue Kim [†] (Engineering) Kyle Zhen-Han Wang [†] (Engineering) Robert James Gentle [†] (Engineering) Azizul Zikry Mohd Amaluddin [†] (Engineering) Haneul (Sky) Kim [‡] (Polytechnic)	Zhihong Chen (Engineering) Joerg Appenzeller (Engineering)
Poster #1470 presented 11/18 @ 12:00-1:00pm	Taran Sid Koduri [†] (Engineering) Berra Ulku Kalci [†] (Engineering) Angel Francisco Castillo Aldaco [‡]	Jiansong Zhang (Polytechnic) Megan Amy Rudo (Science)
Poster #1515 presented 11/18 @ 12:00-1:00pm	Drish Jaykishan Shah [†] (Polytechnic) Madhav Amit Arora [†] (Polytechnic) Quinn Robert Traas [†] (Engineering) Elvin Xuyang Li [†] (Engineering) Pranjal Bhatia [‡] (Engineering) Gabriel Duarte Rengifo [‡] (Engineering) Arya Bhangale [‡] (Engineering) Charlotte Eva Regnier [‡] (Engineering) Henry David Pham [‡] (Engineering)	Jaeeun Kim (Engineering)
Poster #1522 presented 11/18 @ 12:00-1:00pm	Maxwell James Stewart [†] (Polytechnic)	Linda E Haynes (Liberal Arts)
Poster #1602 presented 11/18 @ 1:30-2:30pm	Luis Manuel Alvarez Casillas [†] Francisco Javier De La Victoria Vazquez [‡]	Garam Kim (Polytechnic)
Poster #1620 presented 11/18 @ 1:30-2:30pm	Atandrila Chowdhury [†] (Engineering)	Sudip Vhaduri (Polytechnic) Debra Henneberry (Polytechnic) Mark Wilson (HHS) Julius C Keller (Polytechnic)
Poster #1635 presented 11/18 @ 1:30-2:30pm	Keshav Gollamudi [†] (Science) Honghai Gong [†] (Polytechnic) Soham Roy [†] (Engineering)	Noah Charles Singer (Science) Andy Jung (Science)
Poster #1683 presented 11/18 @ 1:30-2:30pm	Luis Andre Romero Alvarez [†] (Engineering)	Eduardo Barocio Vaca (Engineering) Jordan James Wess Kalman (Engineering) Garam Kim (Polytechnic)
Poster #1700 presented 11/18 @ 1:30-2:30pm	Diya Singh [†] (Science)	Gaurav Nanda (Polytechnic) Jaeil Lee (Purdue University) Xinran Y Lehto (HHS) Mark R Lehto (Engineering) Elizabeth A Richards (HHS)
Poster #1710 presented 11/18 @ 1:30-2:30pm	Quinn Robert Traas [†] (Engineering) Gabriel Duarte Rengifo [†] (Engineering) Elvin Xuyang Li [†] (Engineering) Arya Bhangale [†] (Engineering) Pranjal Bhatia [‡] (Engineering) Charlotte Eva Regnier [‡] (Engineering) Lavanya Sridhar [‡] (Engineering) Henry David Pham [‡] (Engineering) Madhav Amit Arora [‡] (Polytechnic) Drish Jaykishan Shah [‡] (Polytechnic)	Jaeeun Kim (Engineering)
Poster #1712 presented 11/18 @ 1:30-2:30pm	Shou-Fu Tseng [†] (Science)	Tho Le (Polytechnic)
Poster #1714 presented 11/18 @ 1:30-2:30pm	Bruno Marcelo Uribe Velazquez [†] (Engineering)	Eduardo Barocio Vaca (Engineering) Garam Kim (Polytechnic) Raul Hector Fuentes Hernandez (Engineering)
Poster #1729 presented 11/18 @ 1:30-2:30pm	Yanming Zhou [†] (Science)	Jiansong Zhang (Polytechnic) Jingyi Lai (Polytechnic)
Talk #7010 presented 11/19 @ 9:40am	Prachet P Sowale [†] (Engineering JMHC)	Lisa B Bosman (Polytechnic)

Presentation	Students	Mentors
Talk #7026 presented 11/19 @ 10:00am	Nidhi Kirani† (Engineering JMHC)	Lisa B Bosman (Polytechnic)
Talk #7032 presented 11/19 @ 11:00am	Aryav Gogia† (Engineering) Arin Joshi‡ (Walt Whitman High School)	Aparna Gupta (Rensselaer Polytechnic Institute)
Talk #7042 presented 11/19 @ 11:20am	donna Prince† (Science)	Tatiana Ringenberg (Polytechnic)
Talk #7043 presented 11/19 @ 11:40am	Caden Cole Cowles† (Polytechnic)	Garam Kim (Polytechnic)
Talk #7058 presented 11/19 @ 12:00pm	Andrew H Ngo† (Polytechnic)	Linda E Haynes (Liberal Arts)
Talk #7059 presented 11/19 @ 12:20pm	Paul Kyu-Hwan Park† (Polytechnic)	Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering)
Talk #7060 presented 11/19 @ 12:40pm	Rhea Dutta† (Engineering JMHC) Joao Pedro Biondo Peres† (Polytechnic) Oleksandr Sergey Crowell† (Polytechnic)	Caroline Kathure Marete (Polytechnic)
Talk #7061 presented 11/19 @ 12:00pm	Tran Nguyet Anh An† (Polytechnic JMHC)	Olga Lyanda-Geller (Liberal Arts)
Talk #7076 presented 11/19 @ 1:00pm	Milica Slavkovic† (Science JMHC)	Brian C Zuel (Polytechnic)
Talk #7086 presented 11/19 @ 2:20pm	Alexander T Valdes† (Engineering) Andrew Joseph Shelley† (Polytechnic) Steven James Van Hulle† (Science) Margulan Mukhametkarim† (Engineering) Chengming Wu‡ (DSB) Jacob Charles Long‡ (DSB) William David Bridgnell‡ (Engineering)	Samuel Labi (Engineering) Richard Osita Ajagu (Engineering) Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering)
Talk #7099 presented 11/19 @ 2:40pm	Ava Thant Samuel† (Engineering JMHC)	Lisa B Bosman (Polytechnic)
Talk #7128 presented 11/19 @ 4:20pm	Ronan Edward Lang† (Polytechnic JMHC) Avarey Newman* (DSB) Joshua James Jackson* (Polytechnic JMHC) Caleb Bierdeman Probst* (Polytechnic JMHC)	Manoj S Patankar (Polytechnic)
Talk #9006 presented 11/17-11/21 virtually	Jada Celeste Culver† (Polytechnic) Elena Christine Rodriguez† (Liberal Arts) Jackson Howard Warren† (Liberal Arts)	Genell Wells Ebbini (Liberal Arts)
Talk #9016 presented 11/17-11/21 virtually	Deona Julary† (Polytechnic JMHC)	Eric Waltenburg (Liberal Arts)
Talk #9019 presented 11/17-11/21 virtually	Elvin Xuyang Li† (Engineering) Gabriel Duarte Rengifo† (Engineering) Madhav Amit Arora† (Polytechnic) Drish Jaykishan Shah† (Polytechnic)	Jaeeun Kim (Engineering)
Talk #9024 presented 11/17-11/21 virtually	Neha Naladala† (Science JMHC)	Lisa B Bosman (Polytechnic)
Talk #9026 presented 11/17-11/21 virtually	Sarah Jessica O Farril-Gonzalez† (Polytechnic JMHC)	Lindsay Weinberg (JMHC)
Talk #9040 presented 11/17-11/21 virtually	Trisha Bimal Thakkar† (Science JMHC)	Lisa B Bosman (Polytechnic)