

Fall 2024 Undergraduate Research Symposium: DSB

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 #1002 presented 11/19 @ 9:00-10:00am	Shreem Bhavesh Amin† (DSB) Jose Augusto Heighes Claux† (DSB) Max Elliott Matteucci† (DSB JMHC) Swati Raj Rajasekaran† (DSB)	Matthew Lanham (DSB)
Poster #1027 presented 11/19 @ 9:00-10:00am	Vinicius da Paixao Fernandes† (DSB) Drew Christopher Lawler† (DSB) Viva Parmar† (DSB) Athan Shuen Yang† (DSB)	Matthew Lanham (DSB)
Poster #1028 presented 11/19 @ 9:00-10:00am	Caleb Dai† (DSB) Ethan Mathew Lebon† (DSB) Cooper William Springs† (DSB) Zixiang Xia† (DSB)	Matthew Lanham (DSB)
Poster #1032 presented 11/19 @ 9:00-10:00am	Alice Nha Thy Dinh† (DSB) Thomas John Durkin† (DSB) Jenna Grace Hash† (DSB) Isabella Kidrian McGuire† (DSB JMHC)	Matthew Lanham (DSB)
Poster #1038 presented 11/19 @ 9:00-10:00am	Daniyal Fazal† (Engineering) Harmon Howse† (DSB JMHC) Nicholas Marshall Andry† (Science) Jayden Chun-Hin Chow† (DSB JMHC) Oliver J Wang† (Polytechnic)	Santiago Torres Arias (Engineering)
Poster #1040 presented 11/19 @ 9:00-10:00am	Beatriz Gimenez Cerezo† (DSB) Ty Emerson Schafer† (DSB) Cooper Jacob Wylie† (DSB)	Matthew Lanham (DSB)
Poster #1058 presented 11/19 @ 9:00-10:00am	Raina Kunder† (DSB) Christian Alexander Leidholm† (DSB) Bao Chau Chau Nguyen† (DSB) Alec Michael Walter† (DSB)	Matthew Lanham (DSB)
Poster #1059 presented 11/19 @ 9:00-10:00am	Ying Yui Lai† (DSB) Sean Prue† (DSB) Jackson Kent Thompson† (DSB) Zijing Zhang† (DSB)	Matthew Lanham (DSB)
Poster #1060 presented 11/19 @ 9:00-10:00am	Claire Anne LaVoie† (DSB JMHC) Conrad Sebastian Lin† (DSB) Ethan Christopher Marks† (DSB) Benjamin Albert Westreich† (DSB)	Matthew Lanham (DSB)
Poster #1072 presented 11/19 @ 9:00-10:00am	Viswanath Jay Nair† (DSB) Sahil Maurice† (DSB) Oliver Joo Sung Johnson† (DSB)	Matthew Lanham (DSB)

Presentation	Students	Mentors
Poster #1082 presented 11/19 @ 9:00-10:00am	Jonathan D Putman† (DSB JMHC) Jacob Henning Deahl† (DSB) Bocheng Wang† (DSB)	Matthew Lanham (DSB)
Poster #1208 presented 11/19 @ 10:30-11:30am	Dillon Seamus Blair† (DSB) Gabriel L Ponsot† (DSB) Filippa Maria Rodriguez Pinzont† (DSB) Colin Lucas Wellington† (DSB JMHC)	Matthew Lanham (DSB)
Poster #1215 presented 11/19 @ 10:30-11:30am	Juan Pablo Cantu Erhard† (DSB) Robert Pedro Chambers† (DSB) Michael Poliakov† (DSB) Tomas Turner† (DSB)	Matthew Lanham (DSB)
Poster #1232 presented 11/19 @ 10:30-11:30am	Maximillian Francis Farrell† (DSB) Arnav Naval† (Engineering) Matthew Alvarez Hackett† (Engineering) Shreya Laxmi Nagendra† (Science) Genna Nicole Yavaraski† (Science) Jason Dumauual Lyst† (Engineering) Taneq Malhotra† (Science) Parth Kapila† (Polytechnic) Aniruddh Srivastava† (Science)	Matthew A Swabey (Engineering) Jaeun Kim (Engineering)
Poster #1241 presented 11/19 @ 10:30-11:30am	Bobby Gu† (Engineering) Alexander Jonathan Collins† (DSB) Neal Noel Lobo† (Engineering) Pratham Patil† (Engineering) Dean Michael La Point† (DSB) Jeet Brahmhatt† (Engineering)	Shreya Ghosh (Engineering)
Poster #1249 presented 11/19 @ 10:30-11:30am	Brogan John-Michael Holt† (DSB JMHC) Jayee Goh† (Engineering) Kaylie Emerson Virkust† (Engineering) Shashank Varamballi† (Engineering) Patricia Ewa Leoniuk† (Engineering) Olivia Chen† (Engineering) Gowri Ravikumar Bajagur† (Engineering) Saanvi Mahesh† (Engineering) Marina Mercedes San Martin Rossano† (Engineering) Pradyumn Malik† (Engineering) Shrikar Hippargi† (Engineering) Isaac Yan Shek Cheng† (Engineering) Jijnasu Prakash Rout‡ (Engineering) Atandriela Chowdhury‡ (Engineering) Ashton Anthony Price‡ (DSB) Joseph Chelliah‡ (DSB) James Burrell Hewette‡ (Engineering)	John W Sheffield (Polytechnic)
Poster #1256 presented 11/19 @ 10:30-11:30am	Shashwath Keta† (DSB) Alacya Madison Lynch† (DSB JMHC) Colin R Nixon† (DSB) Qixue Zheng† (DSB)	Matthew Lanham (DSB)
Poster #1258 presented 11/19 @ 10:30-11:30am	Yumin Kim† (DSB) Ryan Matthew Yatco Wong† (DSB) Adam James Smith† (DSB) Alexander Thomas White† (DSB)	Matthew Lanham (DSB)

Presentation	Students	Mentors
Poster #1260 presented 11/19 @ 10:30-11:30am	Kylie M Lachapelle† (Agriculture JMHC) Saheli Minesh Parikh† (Education JMHC) Aditya Ujwal‡ (Science JMHC) Simon Paul Mitchell‡ (Engineering JMHC) Megan E Power‡ (DSB JMHC) Nithin Krishna Veeramasuneni‡ (Polytechnic JMHC)	Kathryn Frances Dilworth (JMHC)
Poster #1265 presented 11/19 @ 10:30-11:30am	Yinuo Liu† (DSB) Shreya Maganti† (DSB) Anisha Kumar† (DSB) Yash Handa† (Science)	Matthew Lanham (DSB)
Poster #1292 presented 11/19 @ 10:30-11:30am	Ace Setiawan† (DSB) Leila Nicole Yee† (DSB) Ethan Broderick Gartner† (DSB) Ryan Andrew Leighton† (DSB)	Matthew Lanham (DSB)
Poster #1400 presented 11/19 @ 12:00-1:00pm	Yaqeen Al Futaisi† (DSB) Peter Abernethy Krivacka† (DSB) Elijah Robert Windle† (DSB) Kuiyan Zhao† (DSB)	Matthew Lanham (DSB)
Poster #1401 presented 11/19 @ 12:00-1:00pm	Omar Haytham Al Hussein† (DSB) Qeren Isabella-Nailah Blakey† (DSB) Olivia Francis Hojnicky† (DSB) Marshall Alex Prince† (DSB)	Matthew Lanham (DSB)
Poster #1402 presented 11/19 @ 12:00-1:00pm	Achyuth Balram Ambady† (DSB) Harshini Malarvannan† (DSB) Arnav Singh† (DSB) John Martin Strabala† (DSB)	Matthew Lanham (DSB)
Poster #1404 presented 11/19 @ 12:00-1:00pm	Yash Rajendra Ashtekar† (Engineering) Utkarsh Bali† (Science Graduate)	Pengyi Shi (DSB)
Poster #1407 presented 11/19 @ 12:00-1:00pm	Nicolo Roberto Chuapoco Biscocho† (DSB) Ryo Hasegawa† (DSB) Emeline Marie Papp† (DSB) Elliot Joseph Surnamer† (DSB)	Matthew Lanham (DSB)
Poster #1408 presented 11/19 @ 12:00-1:00pm	Caleb Zachariah Brunton† (DSB) Nelson A Paguada† (DSB) Neha A Venkatraman† (DSB)	Matthew Lanham (DSB)
Poster #1409 presented 11/19 @ 12:00-1:00pm	Jose Jorge Bueso† (DSB) Mia Claire Dunsmore† (DSB) Mitchell Louis Rittman† (DSB) Olivia Kylie Troy† (DSB)	Matthew Lanham (DSB)
Poster #1419 presented 11/19 @ 12:00-1:00pm	Felipe da Paixao† (DSB)	Shreya Ghosh (Engineering)
Poster #1426 presented 11/19 @ 12:00-1:00pm	Kyle Steven Emgenbroich† (DSB) Marco Ryan Bravo† (DSB) Orion Matthew Barrett-Tzannes† (DSB) Hunter McCormick Danton† (DSB)	Matthew Lanham (DSB)
Poster #1431 presented 11/19 @ 12:00-1:00pm	Daniel Robert Gallagher† (DSB) Ronak Bhagia† (DSB) Mansi Shakalya† (DSB) Huei Syuan Chiang† (DSB)	Matthew Lanham (DSB)
Poster #1433 presented 11/19 @ 12:00-1:00pm	Arya Garg† (DSB) Yujie Huang† (DSB) Aryaa Madan† (DSB) Ethan Brian Kobylinski† (DSB)	Matthew Lanham (DSB)

Presentation	Students	Mentors
Poster #1438 presented 11/19 @ 12:00-1:00pm	Mya E Hardin† (DSB) Ryan Michael Sagendorph† (DSB) Christina Wan† (DSB) Peregrine Zhang† (DSB)	Matthew Lanham (DSB)
Poster #1441 presented 11/19 @ 12:00-1:00pm	Ian William Hedges† (DSB) Somin Yang† (DSB) Kyle Anthony Fernandez† (DSB) Mackenzie Elizabeth Arnish† (DSB)	Matthew Lanham (DSB)
Poster #1456 presented 11/19 @ 12:00-1:00pm	Wesley Matthew Lin† (DSB JMHC)	Cody Juguilon (Stanford University)
Poster #1464 presented 11/19 @ 12:00-1:00pm	Mihir Menon† (DSB) Albert Joseph Burton† (DSB) Varun Anand† (DSB) Owen Kenneth Schafer† (DSB)	Matthew Lanham (DSB)
Poster #1473 presented 11/19 @ 12:00-1:00pm	Marili Carmen Perez† (DSB) Aryan Pratik Kodial† (DSB) Cole Bushell† (DSB) James William Pope† (DSB)	Matthew Lanham (DSB)
Poster #1495 presented 11/19 @ 12:00-1:00pm	Amrit Subramanian† (DSB JMHC) Ariana Raquel Morton* (HHS) Luke Harrison Huff* (HHS) Nathan Joel Benjamin* (HHS) Eliana Raina Romero* (HHS) Mary Clare Schofield* (HHS) Ethan Thomas Stark* (HHS)	Christopher R Agnew (HHS)
Poster #1600 presented 11/19 @ 1:30-2:30pm	Jessica Josephine Adams† (HHS JMHC) Charis Abigail Armstrong† (Liberal Arts JMHC) Camden Jeffrey Love† (DSB JMHC)	Aparajita Jaiswal (Purdue University) Devang Atul Patel (Polytechnic)
Poster #1604 presented 11/19 @ 1:30-2:30pm	Jaden R Azar† (DSB) Darren Ng† (DSB) Jari L Warner† (DSB)	Matthew Lanham (DSB)
Poster #1611 presented 11/19 @ 1:30-2:30pm	Ru Yi Cai† (DSB) Anurag Koripalli† (DSB) Christopher Raymond† (DSB)	Matthew Lanham (DSB)
Poster #1613 presented 11/19 @ 1:30-2:30pm	Gabriel John Carlsson† (DSB) Sanjay Kandadi† (DSB) Natasha Lynn Kiel† (DSB) Rixi Zeng† (DSB)	Matthew Lanham (DSB)
Poster #1615 presented 11/19 @ 1:30-2:30pm	Ana Victoria Castro Herrera† (Tecnológico de Costa Rica)	Dutt Jagdish Thakkar (DSB)
Poster #1617 presented 11/19 @ 1:30-2:30pm	Susan Chent† (DSB) Maddie Jo Musser† (DSB) Himanshu Niraj Sethia† (DSB) Shuoming Yu† (DSB)	Matthew Lanham (DSB)
Poster #1621 presented 11/19 @ 1:30-2:30pm	Tishia Talia Darmawan† (DSB JMHC)	Olga Lyanda-Geller (Liberal Arts)
Poster #1627 presented 11/19 @ 1:30-2:30pm	Brandon Michael Dries† (DSB JMHC) Yalan Mai† (DSB) Aidan Daniel Manickam† (DSB) Michelle Zi Jun Pan† (DSB)	Matthew Lanham (DSB)
Poster #1639 presented 11/19 @ 1:30-2:30pm	Julia Hopper† (Science JMHC) Jack Rearden Ferlazzo† (Engineering JMHC) Ashley Jo Schafer† (DSB JMHC) Vidya Reddy Madana‡ (Science)	Aparajita Jaiswal (Purdue University)

Presentation	Students	Mentors
Poster #1641 presented 11/19 @ 1:30-2:30pm	Evan Mcpherson Hunt [†] (DSB) Jiwon Christopher Moon [†] (DSB) Christopher David Pontious [†] (DSB) Aochuan Shen [†] (DSB)	Matthew Lanham (DSB)
Poster #1657 presented 11/19 @ 1:30-2:30pm	Chi Lin [†] (DSB) Aruneeth Ranjan Silt [†] (DSB) Sanjana Chinthalapalli Mohant [†] (DSB)	Matthew Lanham (DSB)
Poster #1661 presented 11/19 @ 1:30-2:30pm	Alex Mauricio Marin Villanueva [†] (Universidad Nacional de Colombia)	Dutt Jagdish Thakkar (DSB)
Poster #1669 presented 11/19 @ 1:30-2:30pm	Jack Robert Nelson [†] (Agriculture JMHC) Katherine Josephine Cheh [†] (DSB JMHC) Akshat Garg [†] (Polytechnic JMHC)	Aparajita Jaiswal (Purdue University)
Poster #1679 presented 11/19 @ 1:30-2:30pm	Ricardo Andres Pena Rojas [†] (DSB JMHC) Matthew Mellor Pierce [†] (DSB) Bradley J White [†] (DSB) Lejia Zhou [†] (DSB)	Matthew Lanham (DSB)
Poster #1688 presented 11/19 @ 1:30-2:30pm	Joshua Michael Ringler [†] (DSB) Matthew P Russell [†] (DSB) YoonJeong Choi [†] (DSB) Bocheng Wang [†] (DSB) Jonathan Damin Shi [†] (DSB) Sahil Maurice [†] (DSB)	Xing Wang (DSB) Wenyong Xu (DSB)
Poster #1713 presented 11/19 @ 1:30-2:30pm	Jinhoo Yoon [†] (Science) Brandt David Pierce [†] (Engineering) Arnav Jadhav [†] (Engineering) Christian Scheckel [†] (Engineering) Aditya Gandhi [†] (Science) Tylen Sean Fleming [†] (DSB) Nicholas James Detwiler [‡] (Science Graduate JMHC) Omkar Ghodke [‡] (Engineering) Warat Nathan Vijitbenjaronk [‡] (Science) Keshav Shylesh [‡] (Science) Tanvi Chukka [‡] (Engineering) Truman Stephen Mohr [‡] (Science JMHC)	Thomas Edgar Roth (Engineering) Samuel Theodore Elkin (Engineering) Ghazi Khan (Engineering)
Poster #1715 presented 11/19 @ 1:30-2:30pm	Xinyi Zhang [†] (DSB) Maryam Shakil [†] (DSB) Jared Travis Richardson [†] (DSB)	Matthew Lanham (DSB)
Research Talk #7026 presented 11/20 @ 11:40am	Minchae Yun [†] (Science) Huy Duc Vu [†] (Science) Vishwadeep Singh [†] (DSB) William Emre Ozkan [†] (DSB JMHC)	Edward J Delp (Engineering) Fengqing Zhu (Engineering) Soudabeh Taghian Dinani (Engineering) Carla Zoltowski (Engineering)
Research Talk #7039 presented 11/20 @ 12:00pm	Davyd Revenko [†] (DSB JMHC)	Olga Lyanda-Geller (Liberal Arts)
Research Talk #7049 presented 11/20 @ 1:20pm	Amikosh Dube [†] (Engineering) Noah Anthony Wisniewski [†] (Engineering) Jay Bhavesh Gandhi [†] (Engineering) William John Greenwood [†] (Science) Jammy Wang [†] (Science) Dhanush Adhitya Gopalakrishnan [†] (Engineering) Srikar Sastry Lanka [‡] (Science) Berra Ulku Kalci [‡] (Engineering) Richard Hastings Hambleton [‡] (DSB)	Younggil Chang (Engineering) Shreyas Sundaram (Engineering)
Research Talk #7056 presented 11/20 @ 1:40pm	Janny Katerin Torres Canas [†] (Pontificia Universidad Javeriana)	Steven R Dunlop (DSB) Dutt Jagdish Thakkar (DSB)

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

Presentation	Students	Mentors
Research Talk #7066 presented 11/20 @ 2:00pm	Kely Johanna Monroy Malagon† (Universidad Nacional De Colombia) Luisa Fernanda Victoria Florez† (Universidad de Antioquia)	Dutt Jagdish Thakkar (DSB)
Research Talk #7067 presented 11/20 @ 2:20pm	Christopher Alexandre Ghita† (DSB JMHC)	Zoeanna Mayhook (Libraries)
Virtual #9008 presented 11/19-11/26 virtually	Satyam Vipulbhai Dave† (Polytechnic) Yana Sheoran† (Science)	Matthew Lanham (DSB)