

## Fall 2024 Undergraduate Research Symposium: JMHC

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 #1000 presented 11/19 @ 9:00-10:00am	Magdalena Irene Alvis† (Science JMHC) McLayne Houin‡ (Agriculture JMHC) Ian Alford‡ (Science)	Conrrad Makea Rupe Nicholls (Science) Jeffery J H Nielsen (Science)
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 #1009 presented 11/19 @ 9:00-10:00am	Shrivardhan Atluri† (Science JMHC)	Lisa B Bosman (Polytechnic)
Poster #1011 presented 11/19 @ 9:00-10:00am	Cristian Marcos Barinaga† (Engineering JMHC)	Juan Camilo Mesa Agudelo (Engineering)
Poster #1016 presented 11/19 @ 9:00-10:00am	Catherine Therese Nicole Bradley† (Engineering JMHC) Gianna Marie Arnone‡ (Engineering)	Diane Collard (Engineering)
Poster #1017 presented 11/19 @ 9:00-10:00am	Zachary V Bryant† (Engineering JMHC)	Riley Bradley Barta (Engineering) Yash Shantilal Parmar (Engineering)
Poster #1022 presented 11/19 @ 9:00-10:00am	Shaan Jitesh Chanchani† (Engineering) Aryan Amol Khanolkar† (Science JMHC) Claire Seol Kim† (Engineering) Joshua C Mansky† (Engineering) Medhashree Parhy† (Science) Armaan Arshad Sayyad† (Science) Parth Thakre† (Science)	Amy R Reibman (Engineering) Haoyu Chen (Engineering)
Poster #1026 presented 11/19 @ 9:00-10:00am	Yashvi Choudhary† (Science) Sadie A Poirier‡ (Science JMHC)	Vanshika Gupta (Science) Jeffrey Edward Dick (Science)
Poster #1029 presented 11/19 @ 9:00-10:00am	Carla D'Amato† (Science JMHC)	Ruben C Aguilar (Science)
Poster #1031 presented 11/19 @ 9:00-10:00am	Joshua Armstrong Davis† (Engineering JMHC)	Thomas H Siegmund (Engineering)
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 #1033 presented 11/19 @ 9:00-10:00am	Rhea Dutta† (Engineering JMHC)	Lisa B Bosman (Polytechnic)
Poster #1035 presented 11/19 @ 9:00-10:00am	Deniz Eksioglu† (Engineering JMHC)	Hyowon Lee (Engineering) Jae Young Park (Engineering)

Presentation	Students	Mentors
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 #1046 presented 11/19 @ 9:00-10:00am	Audrey Jean Heckel† (Engineering JMHC)	Andrew DeWoody (Agriculture)
Poster #1048 presented 11/19 @ 9:00-10:00am	Jacob Charles Humphrey† (Engineering) Dilay Aygun† (Engineering) Huan Wen Mao† (Engineering) Rakhmatillokhon Avazkhon u Abdubaev† (Engineering) Hsun-Ti Chiang† (Engineering) Charlita Sinmak† (Engineering) Hao Tian Pang† (Engineering) Ryan Prado Bailey† (Engineering JMHC)	Zhihong Chen (Centers & Institutes) Joerg Appenzeller (Engineering)
Poster #1049 presented 11/19 @ 9:00-10:00am	Amanda Nicole Ibarra† (Education JMHC)	Panayota Y Mantzicopoulos-James (Education)
Poster #1052 presented 11/19 @ 9:00-10:00am	Christina Joslin† (Science Graduate JMHC)	Nadia Gkritza (Engineering) Bruno cesar Krause moras (Engineering)
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 #1061 presented 11/19 @ 9:00-10:00am	Michael Li† (Engineering JMHC) Yash Singh† (Engineering)	Cole Aaron Nelson (Engineering) Mark Johnson (Engineering)
Poster #1062 presented 11/19 @ 9:00-10:00am	Jessica Serena Jiayue Li† (Engineering JMHC) Jingyu Xiao* (Engineeing JMHC)	Jinha Jung (Engineering)
Poster #1065 presented 11/19 @ 9:00-10:00am	Antonios Maniatis† (Engineering) Rongbo Hu† (Engineering) Leo Pearson Malachowski† (Engineering JMHC)	Timothy Francis Hein (Engineering) Conor James Green (Engineering) Mark Johnson (Engineering)
Poster #1070 presented 11/19 @ 9:00-10:00am	Grant Joseph Miller† (Engineering JMHC) Joshua Decker Buss* (Engineering JMHC)	Yubo Song (Engineering)
Poster #1076 presented 11/19 @ 9:00-10:00am	Sidney Nicole Panaretos† (Agriculture) Megan Elizabeth Hines† (Agriculture JMHC) Sydney D Anderson† (Agriculture) Haley Marie Morgant† (Agriculture) Alexis Ann Evans† (Agriculture)	Casie S Bass (Agriculture)
Poster #1078 presented 11/19 @ 9:00-10:00am	Allison Renee Peterson† (Education Science) Gwyneth Wong* (Science) Emelia Koester* (Pharmacy JMHC)	Stephanie M Gardner (Science) Jillian Cornell (Science)
Poster #1080 presented 11/19 @ 9:00-10:00am	Maria Pundik† (Engineering JMHC) Chelsea Tinsley* Kendal ZaiSi Tinsley*	Clark C Addis (Engineering) Andres Arrieta Diaz (Engineering)
Poster #1081 presented 11/19 @ 9:00-10:00am	Sarah Pushparaj† (Science JMHC)	Wenzhuo Wu (Engineering)
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 #1095 presented 11/19 @ 9:00-10:00am	Patrick Randall Spillman† (Engineering JMHC) David Wesley Thoet† (Engineering) Aditya Verma† (Engineering) Richard Ye† (Engineering) Samuel Elijah Nadol† (Engineering)	Shreya Ghosh (Engineering)

Presentation	Students	Mentors
Poster #1097 presented 11/19 @ 9:00-10:00am	Austin Robert Tanabet <sup>†</sup> (Agriculture Engineering JMHC) Daniel Russell Cline <sup>†</sup> (Agriculture Engineering) Collin Jayson Kao* (Agriculture Engineering)	Kari L Clase (Engineering) Aaron J Gin (Purdue University) Amanda K Limiac (Engineering)
Poster #1098 presented 11/19 @ 9:00-10:00am	Eduard Filip Tanase <sup>†</sup> (Engineering JMHC) Aiden Hughes Sexton <sup>†</sup> (Engineering) Alexander Thomas Aylward <sup>†</sup> (Engineering JMHC) Cecilie Zhang <sup>†</sup> (Engineering) Alexander Raffaele Ciccarelli <sup>†</sup> (Engineering) Khanh Nam Nguyen <sup>†</sup> (Engineering)	Cole Aaron Nelson (Engineering) Mark Johnson (Engineering)
Poster #1104 presented 11/19 @ 9:00-10:00am	Amber Voigtschild <sup>†</sup> (Science JMHC)	Roland Conrad Wilhelm (Agriculture)
Poster #1106 presented 11/19 @ 9:00-10:00am	William Samuel Walkert <sup>†</sup> (Engineering JMHC) Abiram S Gurijala <sup>‡</sup> (Engineering)	Nachiket Vatkar (Engineering) Wenzhuo Wu (Engineering)
Poster #1110 presented 11/19 @ 9:00-10:00am	Emma Warnock <sup>†</sup> (Liberal Arts JMHC)	Panayota Y Mantzicopoulos-James (Education)
Poster #1112 presented 11/19 @ 9:00-10:00am	Radman Tor Zarbock <sup>†</sup> (Engineering JMHC)	Philippe Pastor (Institut Supérieur de l'Aéronautique et de l'Espace)
Poster #1208 presented 11/19 @ 10:30-11:30am	Dillon Seamus Blair <sup>†</sup> (DSB) Gabriel L Ponsot <sup>†</sup> (DSB) Filippa Maria Rodriguez Pinzont <sup>†</sup> (DSB) Colin Lucas Wellington <sup>†</sup> (DSB JMHC)	Matthew Lanham (DSB)
Poster #1217 presented 11/19 @ 10:30-11:30am	Hannah Carreon <sup>†</sup> (HHS JMHC)	Jennifer Lynn Brown (HHS)
Poster #1219 presented 11/19 @ 10:30-11:30am	Caroline Grace Chandler <sup>†</sup> (Agriculture JMHC) Vincent Simon Knizka <sup>‡</sup> (Pharmacy)	Ketaki A Mahurkar (Science) Angeline M Lyon (Science)
Poster #1221 presented 11/19 @ 10:30-11:30am	Ojas Chaturvedi <sup>†</sup> (Science JMHC) Kayshav Bhardwaj <sup>†</sup> (Science) Vincent Wentao Zhao <sup>†</sup> (Science) Max Yu Zhen Chen <sup>‡</sup> (Science) Luke Jaehyeon Choi* (Science JMHC) Parv Kumar* (Engineering) Minh Le Vu* (Science) Minh Binh Tran* (Science) Tri Quang Vo* (Science) Pranesh S Velmurugan* (Science) Andrew J Achkar* (Engineering) Bryan Christopher Yoo* (Science)	Yung-Hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts)
Poster #1223 presented 11/19 @ 10:30-11:30am	Daniel Choi <sup>†</sup> (Engineering) Hassan Al-alawi <sup>†</sup> (Engineering) Hunter A Mccollough <sup>†</sup> (Engineering) Abhram Saridena <sup>†</sup> (Engineering) Viet Khoi Pham Khact <sup>†</sup> (Engineering) Akhilesh Prasad <sup>†</sup> Abhijay Achukola <sup>†</sup> (Engineering) Kshitij Miraj Shah <sup>†</sup> (Engineering) Phone Myat Paing <sup>†</sup> (Engineering) Jerry Ronald Chen <sup>†</sup> (Engineering) Justin Yasuumi <sup>†</sup> (Engineering) Charles Spencer Bowles <sup>†</sup> (Engineering JMHC)	Sooraj Chetput Venkataraghavan (Engineering) Mark Johnson (Engineering)
Poster #1225 presented 11/19 @ 10:30-11:30am	William Rowan Cunningham <sup>†</sup> (Engineering) Kathy Niu <sup>†</sup> (Engineering JMHC)	Cole Aaron Nelson (Engineering) Mark Johnson (Engineering)

Presentation	Students	Mentors
Poster #1237 presented 11/19 @ 10:30-11:30am	Aaditya Gaur† (Engineering) Zay Linn Htet† (Engineering) Christina Zhang† (Science JMHC)	Zijian He (Engineering)
Poster #1239 presented 11/19 @ 10:30-11:30am	Gabriel Goodwin† (Engineering JMHC)	David D Nolte (Science)
Poster #1243 presented 11/19 @ 10:30-11:30am	Anjali Devi Gupta† (Education Science JMHC)	Bryan J. Duarte (Education)
Poster #1244 presented 11/19 @ 10:30-11:30am	Priyam Gupta† (Science JMHC)	Jenna L Wise DiVincenzo (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 Hippargit† (Engineering) Isaac Yan Shek Cheng† (Engineering) Jijnasu Prakash Rout‡ (Engineering) Atandila Chowdhury‡ (Engineering) Ashton Anthony Price‡ (DSB) Joseph Chelliah‡ (DSB) James Burrell Hewette‡ (Engineering)	John W Sheffield (Polytechnic)
Poster #1251 presented 11/19 @ 10:30-11:30am	Marielle G Jackson† (Science JMHC)	Hilkka I Kenttamaa (Science) Grace Emma Greene (Science)
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 #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 #1262 presented 11/19 @ 10:30-11:30am	Gabrielle Elizabeth Layman† (Engineering JMHC) Shlok Rajesh Kulkarni† (Engineering JMHC) Zachary Traina† (HHS)	Jeffrey M Haddad (HHS)
Poster #1266 presented 11/19 @ 10:30-11:30am	Anna Judy Lozen† (Science JMHC)	Ximena Bernal (Science) Richa Singh (Science)
Poster #1267 presented 11/19 @ 10:30-11:30am	Nachiket Magesh† (Engineering JMHC)	Qi Dong (Science) Abhirup Sen (Science)
Poster #1273 presented 11/19 @ 10:30-11:30am	Thomas Munson† (Engineering JMHC) Maxwell Christopher Sprague† (Engineering) Nathan Alexander Kilmert† (Engineering JMHC) Alec Chong Peng† (Engineering)	Timothy Francis Hein (Engineering)
Poster #1274 presented 11/19 @ 10:30-11:30am	Khanh Ha Nguyen† (Science JMHC)	Sandro Matosevic (Pharmacy) Soumyajit Das (Pharmacy)

Presentation	Students	Mentors
Poster #1278 presented 11/19 @ 10:30-11:30am	Mia Cynthia Pfeiffer† (Agriculture Engineering JMHC) Anne Flynn Campbell† (Agriculture Engineering) Collin Jayson Kao‡ (Agriculture Engineering)	Kari L Clase (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)
Poster #1280 presented 11/19 @ 10:30-11:30am	Katherine Alfreda Poirier† (Agriculture Engineering JMHC) Lauren Elizabeth Bhat† (Agriculture Engineering) Lauren Marie Schinker‡ (Agriculture Engineering JMHC)	Kari L Clase (Engineering) Somali Chaterji (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)
Poster #1284 presented 11/19 @ 10:30-11:30am	alexander Ramsey† (Science JMHC) Rachel Elizabeth Michaelist† (Science JMHC)	Karen A Hudson (Agriculture) Militza Carrero-Colon (Agriculture)
Poster #1290 presented 11/19 @ 10:30-11:30am	Adam Jair Selby† (Engineering JMHC)	Junfei Li (Engineering)
Poster #1291 presented 11/19 @ 10:30-11:30am	Ranav Sethi† (Science) Robert M Rattray† (Engineering) Rohit Kannan† (Science JMHC) Ping-Hung Nick Ko† (Engineering)	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering)
Poster #1296 presented 11/19 @ 10:30-11:30am	Sara Thomason† (Agriculture JMHC) Zhiyuan Chen† (Agriculture Engineering)	Kari L Clase (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)
Poster #1298 presented 11/19 @ 10:30-11:30am	Jingyu Xiao† (Engineeing JMHC) Jessica Serena Jiayue Li‡ (Engineering JMHC)	Jinha Jung (Engineering) Fatemeh Azimi (Interdisciplinary & Special Programs)
Poster #1313 presented 11/19 @ 10:30-11:30am	Ho Jun Lee† (Engineering) Geetika Chitturi† (Engineering JMHC)	Haitong Li (Engineering) Jun Cai (Engineering)
Poster #1316 presented 11/19 @ 10:30-11:30am	Ethan Xinghan Tan† (Engineering JMHC)	Saeed Mohammadi (Engineering)
Poster #1410 presented 11/19 @ 12:00-1:00pm	Joshua Decker Buss† (Engineering JMHC) Grant Joseph Miller* (Engineering JMHC)	Tiwei Wei (Engineering)
Poster #1411 presented 11/19 @ 12:00-1:00pm	Zhixin Cai† (Science JMHC) Keith Meyers* (Science JMHC)	Kristen Marie Bellisario (JMHC) Christine Harrison Elliott (Agriculture)
Poster #1414 presented 11/19 @ 12:00-1:00pm	Aniket Chatterjee† (Engineering JMHC)	Mark Johnson (Engineering) Cole Aaron Nelson (Engineering)
Poster #1416 presented 11/19 @ 12:00-1:00pm	Arunima Chowdhury† (Science) Marisa Jean Fredrickson† (Engineering) Aryan Kault† (Science) Amber Kuoiva Khauv† (Science) Hridhay Monangi† (Science) Dean Snyder† (Engineering JMHC) Sophia Elizabeth Steele† (Engineering) Taryn Celia Zakrzewski† (Engineering) Matthew Dharma Kurniawan† (Science) Mark Alexander Myers‡ (Polytechnic) Aaron Parihar‡ (Polytechnic JMHC) Kyle Patrick Fox‡ (Polytechnic) Daitian Zhao‡ (Polytechnic)	Renee Murray (Liberal Arts) Frederick C Berry (Polytechnic)
Poster #1422 presented 11/19 @ 12:00-1:00pm	Dhruv Vishal Dhawan† (Science JMHC)	Chao Cai (Libraries)
Poster #1425 presented 11/19 @ 12:00-1:00pm	Tatum Reese Ebbeskotte† (Science JMHC) Sophie Kaitlyn Stahl* (Science JMHC)	Leanne Nieforth (Vet Med)

<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #1443 presented 11/19 @ 12:00-1:00pm	Katie Luo Hong† (Agriculture) Sierra Hunnicutt‡ (Science JMHC) Abigail Rose Malott‡ (Agriculture JMHC) Antonia Christina Alexiou* (Science JMHC) Sabrina Michelle Hardy* (Science JMHC) Vaishnavi Purram* (Science JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1446 presented 11/19 @ 12:00-1:00pm	Colin Francis Kelly† (Science JMHC)	Melanie M. Beasley (Liberal Arts)
Poster #1450 presented 11/19 @ 12:00-1:00pm	Jolie Grace Klimczak† (Agriculture JMHC)	Emma Maggart (Dynamic Redevelopment Solutions)
Poster #1456 presented 11/19 @ 12:00-1:00pm	Wesley Matthew Lin† (DSB JMHC)	Cody Juguilon (Stanford University)
Poster #1457 presented 11/19 @ 12:00-1:00pm	Emily Loiselle† (Engineering JMHC) Joseph Huang† (Engineering) Nandini Mukul Pandey† (Science) Rahul Sasi Menon† (Science Graduate) Chaeun Kim† (Engineering)	Edward J Delp (Engineering) Carla Zoltowski (Engineering) Fengqing Zhu (Engineering)
Poster #1458 presented 11/19 @ 12:00-1:00pm	Alberto Lopez Martinez Rojas† Anna Alysse Kavanaugh† (Science JMHC)	Mark R Christie (Science)
Poster #1462 presented 11/19 @ 12:00-1:00pm	Hannah Jordan Margulis† (Engineering JMHC)	Frederick Prete (Lake Forest College)
Poster #1470 presented 11/19 @ 12:00-1:00pm	Caroline Rhea Packee† (Science) Emma Swanson† (HHS) Avery Grace Brubaker† (HHS) Evan Graham Coblentz‡ (Agriculture JMHC)	Monica Kasting (HHS) Shandey Derisa Malcolm (HHS) Samantha L. Ky (HHS)
Poster #1472 presented 11/19 @ 12:00-1:00pm	Kiersten Mackenzie Penquite† (Engineering JMHC)	Lisa B Bosman (Polytechnic)
Poster #1475 presented 11/19 @ 12:00-1:00pm	Sadie A Poirier† (Science JMHC) Yashvi Choudhary‡ (Science)	Vanshika Gupta (Science) Jeffrey Edward Dick (Science)
Poster #1479 presented 11/19 @ 12:00-1:00pm	Braxton J Schieler† (Science JMHC)	Leanne Nieforth (Vet Med)
Poster #1481 presented 11/19 @ 12:00-1:00pm	Sophia Isabella Schroer† (Engineering JMHC)	Tiwei Wei (Engineering)
Poster #1483 presented 11/19 @ 12:00-1:00pm	Sydney Alexandria Scozzaro† (Science JMHC)	Matthew Olson (Science) Nicole L Anderson (Science)
Poster #1489 presented 11/19 @ 12:00-1:00pm	Dhruv Soni† (Science JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1492 presented 11/19 @ 12:00-1:00pm	Christina Michelle Sowinski† (Science JMHC)	Ali Bramson (Science) Santa Lucia Perez Cortes (Science)
Poster #1494 presented 11/19 @ 12:00-1:00pm	Robert Patterson Stewart† (Engineering) Isaiah Maningas† (Engineering) Jason Jaesung Lew† (Engineering JMHC)	Eduardo Barocio Vaca (Engineering)
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)

Presentation	Students	Mentors
Poster #1498 presented 11/19 @ 12:00-1:00pm	Tatiana Varela† (Engineering) Pranav Singh† (Engineering JMHC) Ananya Prasad† (Engineering JMHC) Lainie Jane Rapp† (Engineering) Colby Strohl† (Engineering) Bella Irma Schaetzle† (Engineering) Clara Marie Anne Goffioul† (Engineering) Simran Nadig† (Engineering JMHC) Praneel Madhuvanesh‡ (Engineering) Nathanael Adrian Lorincz‡ (Engineering)	Tyler N Tallman (Engineering)
Poster #1505 presented 11/19 @ 12:00-1:00pm	Francille Zhuang† (Science JMHC)	Jennifer Scheuer (Liberal Arts)
Poster #1506 presented 11/19 @ 12:00-1:00pm	Brendan Duffy† (Engineering JMHC) Hannah Y Chun* (Engineering) Rongkai Yu* (Engineering)	Sean Yenyu Lai (Engineering) Ganesh Subbarayan (Engineering)
Poster #1507 presented 11/19 @ 12:00-1:00pm	Jack Rearden Ferlazzo† (Engineering JMHC)	Xianfan Xu (Engineering) Ishat Raihan Jamil (Engineering)
Poster #1513 presented 11/19 @ 12:00-1:00pm	Lindsay Kathryn Sutherland† (Engineering JMHC)	Amy M Marconnet (Engineering) Shanmukhi Sripada (Engineering)
Poster #1514 presented 11/19 @ 12:00-1:00pm	Bradon Rowan Timms† (Engineering JMHC)	Thomas Edwin Beechem (Engineering) Walter J Smith (Engineering)
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 #1603 presented 11/19 @ 1:30-2:30pm	Alex James Alonzo† (Science JMHC) Jennifer Caraballo‡ (University of Puerto Rico, Mayaguez)	Shalini T Low-Nam (Science) Joy Wu (Science) Vinay K Menon (Science)
Poster #1608 presented 11/19 @ 1:30-2:30pm	Sarah M Bennett† (Science JMHC)	Qixin He (Science) Pavel Borisovich Klimov (Science)
Poster #1610 presented 11/19 @ 1:30-2:30pm	Caleb Buening† (Science JMHC)	Leanne Nieforth (Vet Med)
Poster #1620 presented 11/19 @ 1:30-2:30pm	Ashton Isaiah Cotton† (Engineering JMHC)	Taimoor Hasan Qazi (Engineering)
Poster #1621 presented 11/19 @ 1:30-2:30pm	Tishia Talia Darmawan† (DSB JMHC)	Olga Lyanda-Geller (Liberal Arts)
Poster #1624 presented 11/19 @ 1:30-2:30pm	Aryaman Dewan† (Science) Malyka Ram† (Agriculture Engineering) Priyanshu Datta Roy† (Agriculture Engineering JMHC) Rishabh Kottakota* (Science)	Uma K Aryal (Vet Med)
Poster #1625 presented 11/19 @ 1:30-2:30pm	Harman Kaur Dhillon† (Engineering) Madison Taylor Beaudry† (Liberal Arts) Collin Hoffman† (Engineering JMHC) Rohan Suraj Desai† (Engineering) Aditya Sarwaikar‡ (Engineering) Alexander David Perry‡ (Engineering) Aryana Isabelle Deshpande‡ (Engineering) Christopher David Butler‡ (Engineering) Tryston Frederick Espiritu‡ (Engineering) Junhee Lim‡ (Science) Weijing Sebastian Chen‡ (Engineering) Logan Paul Hussein‡ (Engineering)	James Michael Goppert (Engineering)
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)

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

Presentation	Students	Mentors
Poster #1633 presented 11/19 @ 1:30-2:30pm	Mahineer Ghosh† (Engineering) Varun Rajesh† (Engineering) Makeda Teshome Duey† (Engineering) Ansh Alpesh Kothari† (Engineering JMHC)	Jesus Adrian Meza Galvan (Engineering) Steven M Pugia (Engineering) Anthony G Cofer (Engineering) Alina Alexeenko (Engineering)
Poster #1634 presented 11/19 @ 1:30-2:30pm	Sarah Elizabeth Grev† (Engineering) Samantha Stebbings* (Engineering JMHC) Jake Anthony Castro* (Engineering) Nadia Hayes Wheeler* (Engineering)	Craig Goergen (Engineering) Elnaz Ghajar-Rahimi (Engineering)
Poster #1636 presented 11/19 @ 1:30-2:30pm	Laura Evelyn Harriss† (Agriculture JMHC) Ian McGill† (Science JMHC) Elizabeth Darlene Gray† (Liberal Arts JMHC)	Aparajita Jaiswal (Purdue University)
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)
Poster #1640 presented 11/19 @ 1:30-2:30pm	Sierra Hunnicutt† (Science JMHC) Antonia Christina Alexiou† (Science JMHC) Katie Luo Hong* (Agriculture) Abigail Rose Malott* (Agriculture JMHC) Sabrina Michelle Hardy* (Science JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1642 presented 11/19 @ 1:30-2:30pm	Rachel Marie Isaac† (Science JMHC)	Brian Patrick Ha Metzger (Science)
Poster #1644 presented 11/19 @ 1:30-2:30pm	Lauren Elizabeth Johnson† (Science JMHC) Bethany Ruth Remian‡ (Science) Nicholas Ryan Borders‡ (Science JMHC)	Kenneth D Ridgway (Science) Brandon Matthew Keough (Science)
Poster #1654 presented 11/19 @ 1:30-2:30pm	Andrew James Larkins† (Engineering) Connor Ethan Behrend† (Engineering JMHC) Michael Lee† (Engineering)	Burkay Sahin (Engineering) Jingbo Wang (Engineering) Mark Johnson (Engineering)
Poster #1655 presented 11/19 @ 1:30-2:30pm	Jordan Larson† (Science JMHC) Vitor Limas Schein† (Science) Justin Harrison Rothenberg† (Science) Tyler Mitchell† (Science) Aneesh Sai Katkam† (Science)	Andy Jung (Science) David Alan Ruitter (Science) Santosh Bhandari (Science)
Poster #1658 presented 11/19 @ 1:30-2:30pm	Leo Pearson Malachowski† (Engineering JMHC) Bridget Katherine Heindl† (Liberal Arts JMHC) Ayden Timothy Fahey‡ (Science JMHC) Jennifer Lilian Yang‡ (Engineering JMHC)	Jason Ware (JMHC)
Poster #1659 presented 11/19 @ 1:30-2:30pm	Abigail Rose Malott† (Agriculture JMHC) Katie Luo Hong* (Agriculture) Sierra Hunnicutt* (Science JMHC) Sabrina Michelle Hardy* (Science JMHC) Lukas Benjamin Kraft* (Agriculture JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1660 presented 11/19 @ 1:30-2:30pm	Charles W Mann† (Pharmacy JMHC) Ananyaa Chaitanya Baidur† (HHS)	Philip S Low (Science) Mahesh Kumar Rao Yelineni (Science)
Poster #1663 presented 11/19 @ 1:30-2:30pm	Keith Meyers† (Science JMHC) Zhixin Cai* (Science JMHC)	Kristen Marie Bellisario (JMHC) Christine Harrison Elliott (Agriculture)
Poster #1665 presented 11/19 @ 1:30-2:30pm	Ashley Zaira Mohammed† (Agriculture JMHC)	Lavanya Reddivari (Agriculture) Heather R Milliron (Agriculture)
Poster #1666 presented 11/19 @ 1:30-2:30pm	Kamanda K Mosongo† (Polytechnic JMHC)	Caroline Kathure Marete (Polytechnic)
Poster #1668 presented 11/19 @ 1:30-2:30pm	Niharika Narra† (Engineering JMHC)	Cortland Hannah Johns (Engineering)



Presentation	Students	Mentors
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 #1671 presented 11/19 @ 1:30-2:30pm	Rio Ohtake† (Pharmacy JMHC)	Luying Chen (Pharmacy)
Poster #1673 presented 11/19 @ 1:30-2:30pm	Cadance William Lucas Ormsby† (Science JMHC) Sri Krishna Teja Mannava† (Science) Abhiansh Parwal† (Science) Erlyn Daniel Pineda Hernandez† (Science)	David Alan Ruitter (Science)
Poster #1678 presented 11/19 @ 1:30-2:30pm	Mohammad Pehlari† (HHS) Carly Grace Booth* (HHS) Vineeth Surya Narra* (HHS) Grace Maria Moorman* (HHS) Lucy Pauline Murphy* (HHS) Jackson Tyler Wrubel* (HHS JMHC) Mary Aileen Jann* (Science JMHC)	Thomas S Redick (HHS) Alexa Kristina Bushinski (HHS)
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 #1681 presented 11/19 @ 1:30-2:30pm	Aditya Pillai† (Science JMHC)	GuangJun Zhang (Vet Med) Dingxun Wang (Vet Med)
Poster #1687 presented 11/19 @ 1:30-2:30pm	Alexander Repikov† (Engineering JMHC) Robert Yida Zhang† (Engineering JMHC) Nathan Nanchuen Yu† (Engineering) Moe Wai Yan Myint† (Engineering) Fatma Mohamed Ahmed Youssef Alagroudy† (Engineering) Yara Ahmed Mohamed Abbas† (Engineering) Khoi Anh Nguyen† (Engineering)	Timothy Francis Hein (Engineering) Mark Johnson (Engineering)
Poster #1693 presented 11/19 @ 1:30-2:30pm	Christian Paul Hardy Scott† (Engineering JMHC)	Babak Anasori (Engineering) Anupma Thakur (Engineering) Nithin Chandran Balachandran Sajitha (Engineering)
Poster #1696 presented 11/19 @ 1:30-2:30pm	John Henry Slatert† (Science JMHC) Braden Thomas Callaway* (Engineering) Natalia Zagata* (Engineering) Blake Edward Neely* (Engineering) Alexander Paul Kaufmann* (Engineering)	James Michael Goppert (Engineering) Worawis Sribunma (Engineering) Chase Ja-ok Loeb (Engineering)
Poster #1697 presented 11/19 @ 1:30-2:30pm	Brody Everett Snyder† (Science JMHC) Elizabeth Reeves Cagle† (Engineering JMHC) Yi Li† (Engineering JMHC) Padmaja Sachin Khairnar† (Engineering JMHC) Pranav Perumal† (Science) Kevin Nathan Qu† (Science JMHC)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Poster #1702 presented 11/19 @ 1:30-2:30pm	Evans Tang† (Science JMHC) Olivia Anne Guptill† (Agriculture JMHC) Allyson Faith Miller† (HHS JMHC)	Aparajita Jaiswal (Purdue University) Clara Elisa Hortua alvarado (Liberal Arts)
Poster #1703 presented 11/19 @ 1:30-2:30pm	Sidney Erin Tindell† (Science JMHC) Megan Elizabeth Bechtloff‡ (Science) Hailey Choi Hiatt‡ (Science) Caroline Sorrells‡ (Science)	Hannah Elise Starr (Science) Jeffrey A Turkstra (Science)

Presentation	Students	Mentors
Poster #1704 presented 11/19 @ 1:30-2:30pm	Elysia Marlena Uggen† (Agriculture JMHC) Joshua Paul Kaluf‡ (Agriculture) Shelby Sliger‡ (Agriculture JMHC)	Joseph P Ogas (Agriculture) Jacob Ryan Fawley (Agriculture) Jiaxin Long (Agriculture)
Poster #1708 presented 11/19 @ 1:30-2:30pm	Andrew Hunter Walatka† (HHS JMHC) Carly Grace Booth* (HHS) Mary Aileen Jann* (Science JMHC) Vineeth Surya Narra* (HHS) Grace Maria Moorman* (HHS) Lucy Pauline Murphy* (HHS) Jackson Tyler Wrubel* (HHS JMHC)	Thomas S Redick (HHS)
Poster #1712 presented 11/19 @ 1:30-2:30pm	William Wong† (Engineering) varun Vaidyanathan† (Engineering JMHC) Yue Yin† (Engineering)	Mark Johnson (Engineering) Anand Raghunathan (Engineering) Sooraj Chetput Venkataraghavan (Engineering)
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 #1714 presented 11/19 @ 1:30-2:30pm	Bayan Yunis† (Liberal Arts JMHC)	Lisa B Bosman (Polytechnic) Angel Gabriel Ruiz Castro (Polytechnic)
Research Talk #7005 presented 11/20 @ 9:40am	Surya Pratheek Turaga† (Engineering JMHC)	Wenzhuo Wu (Engineering) Jing Jiang (Engineering)
Research Talk #7008 presented 11/20 @ 9:40am	Kendal Nicole Clay† (HHS JMHC)	Megan Nicole Norris (HHS) Laura Elenbaas (HHS)
Research Talk #7011 presented 11/20 @ 9:40am	Nikhil Samit Sadavarte† (Science JMHC) Jonathan Minh-Tri Ngo‡ (Science) Kaitlyn Ying‡ (Science) Beatriz Cren Colalillo‡ (Science JMHC) Manasa Gudugundla‡ (Science) Anshul Sanjeev‡ (Science) Katie Manfra‡	Daniel Suter (Science)
Research Talk #7016 presented 11/20 @ 10:20am	Paige Morgan Gonzales† (Liberal Arts JMHC)	David Lewis (Vanderbilt University)
Research Talk #7020 presented 11/20 @ 10:40am	Aakanksha Amol Shripal† (Engineering) Son Ha† (Science) Akhil Sagarán Kasturi‡ (Science) Akshitha Kartigueyan‡ (Science) Aarohi Panzade‡ (Science JMHC)	David J Purpura (HHS)
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 #7027 presented 11/20 @ 11:00am	Matthew Thomas Corson† (HHS JMHC)	Fatema Mustafa Currim (HHS) Josephine Maria Brown (HHS) Jason R Cannon (HHS)
Research Talk #7028 presented 11/20 @ 11:20am	Johanna Marie Hicks† (Agriculture JMHC)	Lavanya Reddivari (Agriculture) Edward David Moncada (Agriculture)

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

Presentation	Students	Mentors
Research Talk #7030 presented 11/20 @ 11:00am	Shane Kevin Limas† (HHS JMHC)	Jae Hong Park (HHS)
Research Talk #7035 presented 11/20 @ 11:40am	Abigail Hyejin Lee† (Science JMHC) Kaaya Dharm Sharma* (Agriculture)	Yuxin Zhuang (Agriculture) Majid Kazemian (Science)
Research Talk #7037 presented 11/20 @ 12:20pm	Lucy Anne Jurow† (Engineering) Hannah Jordan Margulis† (Engineering JMHC)	Megan Hope Lipton (Science) Maria Cristina Makin (Engineering)
Research Talk #7039 presented 11/20 @ 12:00pm	Davyd Revenko† (DSB JMHC)	Olga Lyanda-Geller (Liberal Arts)
Research Talk #7040 presented 11/20 @ 12:20pm	Hayley Kristen Wong Liong† (Agriculture JMHC) Athanasios Gregory Flessas† (Agriculture JMHC)	Bruce M Applegate (Agriculture) Kal Holder (Science) Keyshla M Narvaez Davila (Agriculture)
Research Talk #7047 presented 11/20 @ 12:40pm	Revanth Krishna Senthilkumaran† (Engineering JMHC)	Aniket Bera (Science) Apoorva Vashisth (Science)
Research Talk #7052 presented 11/20 @ 1:20pm	Rineet Ranga† (HHS) Akila Abeyaratna‡ (Agriculture JMHC)	Brody Alan Deming (Pharmacy)
Research Talk #7057 presented 11/20 @ 1:00pm	William P Jiang† (Science JMHC) Gurtej Singh Bagga† (Science) Trevor Mission Ju† (Engineering) Paige Lorenz† (Science) Shivam Hemal Trivedi‡ (Science) Shrinand Perumal‡ (Science) Aadv Reki‡ (Science)	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering)
Research Talk #7058 presented 11/20 @ 1:20pm	Ishaan Kartik Singh† (Science JMHC)	Jing Liu (Science)
Research Talk #7060 presented 11/20 @ 2:00pm	Aishwarya Saikrupa Anand† (Engineering) Andy Hanjun Hu† (Engineering) Mary Francis† (Engineering JMHC) Dhruv Roopchand Khatri* (Engineering)	Cole Aaron Nelson (Engineering) Mark Johnson (Engineering)
Research Talk #7061 presented 11/20 @ 2:20pm	Christine Elizabeth Mayo† (Engineering) Adalene Noel Stangeland† (Agriculture Engineering) Meggie Faye Khantsis† (Agriculture JMHC) Megan Leanne Painter‡ (Agriculture Engineering) Payton Elizabeth Gault‡ (Agriculture)	Curtis Earl Marshall (Engineering)
Research Talk #7062 presented 11/20 @ 2:40pm	Jihyo Park† (Engineering) Shounak Mukherjee† (Engineering JMHC) Alexa Joan Noto† (Engineering) Ankitha Mallekav† (Engineering) Akanksh Rao† (Engineering) Hsin-Wei Hsieh‡ (Engineering) Hyunsang Cho‡ (Engineering) Jaewon Cho‡ (Engineering)	Sivaranjani Seetharaman (Engineering)
Research Talk #7067 presented 11/20 @ 2:20pm	Christopher Alexandre Ghita† (DSB JMHC)	Zoeanna Mayhook (Libraries)
Research Talk #7068 presented 11/20 @ 2:40pm	Ashton Zachary Allen† (Polytechnic JMHC) Abhinaya Nagalla† (Polytechnic) Jordan Elizabeth Cooley† (Polytechnic JMHC) Juliana Reese St Denis† (Polytechnic JMHC) Evan Graham Coblentz‡ (Agriculture JMHC)	Kathryn Seigfried-Spellar (Polytechnic) Andrea DeMaria (Polytechnic)
Research Talk #7069 presented 11/20 @ 2:00pm	Rishabh Kottakota† (Science) Aryaman Dewan* (Science) Malyka Ram* (Agriculture Engineering) Priyanshu Datta Roy* (Agriculture Engineering JMHC)	Uma K Aryal (Vet Med)

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

Presentation	Students	Mentors
Research Talk #7070 presented 11/20 @ 2:20pm	Santiago Lopez† (Science JMHC)	Alex Ruichao Ma (Science)
Research Talk #7077 presented 11/20 @ 3:40pm	Caroline Grace Thomast (Engineering JMHC)	Charles Robert Kenley (Engineering)
Research Talk #7078 presented 11/20 @ 3:00pm	Marlo Ann Weber† (Science JMHC) Connor Taychin Underwood† (Science JMHC) Christopher Gerald Farbert† (Science JMHC) Allyson Lynn Dinwiddie† (Liberal Arts JMHC) Jacob David Dorson† (Science JMHC) Hannah Morgan Stegall† (Engineering JMHC) Danielle C Ejiogu† (Science JMHC) Giovanni Ignatius Stabile† (Engineering JMHC)	Katherine Jarriel (JMHC)
Research Talk #7079 presented 11/20 @ 3:20pm	Ava Thant Samuel† (Engineering JMHC)	Lisa B Bosman (Polytechnic)
Research Talk #7080 presented 11/20 @ 3:40pm	Brianna Nicole Lewis† (Engineering JMHC)	Pavlos Vlachos (Engineering)
Research Talk #7082 presented 11/20 @ 3:20pm	Diana Lucia Pinto Montes† (Universidad Nacional de Colombia) Destin Javai Gentillon‡ (Science JMHC)	Marty D Frisbee (Science)
Research Talk #7086 presented 11/20 @ 4:40pm	Arman Kumar† (Science JMHC)	Mohit Verma (Engineering) Josiah L Davidson (Agriculture)
Research Talk #7087 presented 11/20 @ 4:00pm	Vidisha Singhal† (Engineering) Charles Spencer Bowles† (Engineering JMHC)	Peter Bermel (Engineering)
Research Talk #7089 presented 11/20 @ 4:00pm	Sophie Kaitlyn Stahl† (Science JMHC) Braxton J Schieler* (Science JMHC)	Leanne Nieforth (Vet Med) Jane F Yacilla (Libraries)
Virtual #9002 presented 11/19-11/26 virtually	Enrique Camacho† (Engineering JMHC) Haruna Kawai† (Engineering) Muhammad Ameer Hamza† (Engineering) Andrew Lee Schlabach‡ (Engineering) Geetika Chitturi‡ (Engineering JMHC) Akshath Raghav Ravikiran‡ (Engineering)	Boyuan Chen (Engineering) Sergey Zakharov (Purdue University) Mark Johnson (Engineering)
Virtual #9024 presented 11/19-11/26 virtually	Dev M Patel† (Engineering JMHC) Tri Than† (Engineering) Medha Mahesh Shinde† (Engineering) Benjamin Aaron McDowell† (Engineering)	Cole Aaron Nelson (Engineering) Johnathan Hong (Engineering)