

Fall 2024 Undergraduate Research Symposium: Science

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 #1009 presented 11/19 @ 9:00-10:00am	Shrivardhan Atluri† (Science JMHC)	Lisa B Bosman (Polytechnic)
Poster #1013 presented 11/19 @ 9:00-10:00am	Dishan Bhattacharya† (Science)	Tyler Poore
Poster #1019 presented 11/19 @ 9:00-10:00am	Madison Nicole Butz† (Agriculture) Sydnee Noelle Culp† (Agriculture) Allison Grace Schimpff† (Agriculture) Connor J Smith† (Science) Devin Brianna Thomas† (Agriculture)	Casie S Bass (Agriculture)
Poster #1021 presented 11/19 @ 9:00-10:00am	Christopher Timothy Chan† (Engineering) Justin Song† (Engineering) Niril Jestus† (Engineering) Jacob Adam Clark† (Engineering) Sabrina Louise Gray† (Engineering) Mihika Sharma† (Science)	David Michael Barbarash (Agriculture)
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 #1023 presented 11/19 @ 9:00-10:00am	Maximilian Judah Chandra† (Science) Mia Iwasa* (Science)	Kunming Shao (Science)
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 #1037 presented 11/19 @ 9:00-10:00am	Elizabeth Christine Farrell† (Science)	Tyler Renee Pikes (Science)
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 #1039 presented 11/19 @ 9:00-10:00am	Roy Michael Galazka† (Science)	Abigail Polin (Science)

Presentation	Students	Mentors
Poster #1043 presented 11/19 @ 9:00-10:00am	Paul Bradley Greenberg† (Science) Juan Duarte Quiros* (Universidad EAFIT)	Andy Jung (Science)
Poster #1045 presented 11/19 @ 9:00-10:00am	Michael Louis Harrigan† (Science)	Jeffrey Edward Dick (Science) Saptarshi Paul (Science)
Poster #1047 presented 11/19 @ 9:00-10:00am	Amanda Joan Holmes† (Science) Jacob Harlow Ehman‡ (Engineering)	Ali Bramson (Science)
Poster #1050 presented 11/19 @ 9:00-10:00am	Levi M Johnson† (Science)	Kyle Timothy Faivre (Science)
Poster #1051 presented 11/19 @ 9:00-10:00am	Animesh Divekar Joshi† (Science)	Romila Pradhan (Polytechnic)
Poster #1052 presented 11/19 @ 9:00-10:00am	Christina Joslin† (Science Graduate JMHC)	Nadia Gkritza (Engineering) Bruno cesar Krause moras (Engineering)
Poster #1053 presented 11/19 @ 9:00-10:00am	Shreyes Kanumuru† (Science)	Christopher Aaron Rice (Vet Med) Chenyang Lu (Vet Med)
Poster #1067 presented 11/19 @ 9:00-10:00am	Adina Ioana Margineantu† (Science) Mitchell Drew Finley† (Science) Michael Vic Paulson† (Science) Jishnu Ghosh† (Science)	Santosh Bhandari (Science) Andreas Jung (Science)
Poster #1069 presented 11/19 @ 9:00-10:00am	Vinay Sai Meda† (Science) Tanishaa Shah† (Engineering) Samitha Ranasinghe† (Engineering) Tiana Yi Jen Lin† (Engineering) Samantha Sudhoff† (Science)	Yung-Hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts)
Poster #1073 presented 11/19 @ 9:00-10:00am	Jillian New† (Science)	Yuk Fai Leung (Science) Beichen Wang (Science)
Poster #1074 presented 11/19 @ 9:00-10:00am	Ji Bing Ni† (Science)	Junfei Li (Engineering)
Poster #1075 presented 11/19 @ 9:00-10:00am	Owen T Odney† (Science)	Abigail Polin (Science)
Poster #1077 presented 11/19 @ 9:00-10:00am	Joon Hong Park† (Science) Pranav Punuru‡ (Science)	Daisuke Kihara (Science)
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 #1079 presented 11/19 @ 9:00-10:00am	Rachel Pfeifer† (Science)	Sudip Vhaduri (Polytechnic)
Poster #1081 presented 11/19 @ 9:00-10:00am	Sarah Pushparaj† (Science JMHC)	Wenzhuo Wu (Engineering)
Poster #1089 presented 11/19 @ 9:00-10:00am	Elliott Shi† (Science)	Michelle Marian Garrison (HHS)
Poster #1092 presented 11/19 @ 9:00-10:00am	Lawrence Folsom Smith† (Engineering) Hyeonwoo Heo† (Engineering) Joshua Peter LeBlanc† (Engineering) Nathanael Aou† (Science) Rohan Chandra Mudugere‡ (Engineering) Kyle John Massie‡ (Engineering)	James C Davis (Engineering)
Poster #1100 presented 11/19 @ 9:00-10:00am	Dhruv Upreti† (Science)	Alex Ruichao Ma (Science)
Poster #1101 presented 11/19 @ 9:00-10:00am	Daniel Urdaneta Giraldo† (Universidad de los Andes)	Samira Piltan (Science) Andrea L Kasinski (Science)
Poster #1102 presented 11/19 @ 9:00-10:00am	Paula Andrea Vargas Carranza† (Universidad de los Andes)	Anthony Joseph Murphy (Science) Jason Hanna (Science)
Poster #1104 presented 11/19 @ 9:00-10:00am	Amber Voigtschild† (Science JMHC)	Roland Conrad Wilhelm (Agriculture)

Presentation	Students	Mentors
Poster #1105 presented 11/19 @ 9:00-10:00am	Natalia Vujic† (HHS)	Yihao Chen (Science) Gaurav Chopra (Science)
Poster #1109 presented 11/19 @ 9:00-10:00am	Bruce Daniel Ward† (Other) Rachel Pinto† (Science)	Jeffrey R Lucas (Science) Jonathan B Jenkins (Science)
Poster #1201 presented 11/19 @ 10:30-11:30am	Colby Ben Acton† (Engineering) Gaetano Antonio Iannotta† (Engineering) Aditi Anand† (Engineering) Branton Ling‡ (Science) Evan Alexander Zhang‡ (Engineering) Gaurish Lakhanpal‡ (Science) Michael Suo‡ (Engineering) Apostolos Adam Cavounis‡ (Engineering) Purav Matlia‡ (Science Graduate) Rohini Pillai‡ (Science) Ruhaan Batta‡ (Engineering) Samarth Prashanth‡ (Engineering) Shih-Yao Sun‡ (Engineering)	Qiang Qiu (Engineering) Wei Zakharov (Libraries) Zichen Miao (Engineering)
Poster #1205 presented 11/19 @ 10:30-11:30am	Catalina Bautista Parra† (Universidad Nacional de Colombia)	Greg M Michalski (Science)
Poster #1209 presented 11/19 @ 10:30-11:30am	Livia Marie Bogdan† (Science)	Angeline M Lyon (Science) Kadidia Samassekou (Science)
Poster #1216 presented 11/19 @ 10:30-11:30am	Daniel Michael Carrel† (Science)	Brady Robert Layman (Science) Jeffrey Edward Dick (Science) Megan Leigh Hill (Science)
Poster #1219 presented 11/19 @ 10:30-11:30am	Caroline Grace Chandler† (Agriculture JMHC) Vincent Simon Knizka‡ (Pharmacy)	Ketaki A Mahurkar (Science) Angeline M Lyon (Science)
Poster #1220 presented 11/19 @ 10:30-11:30am	Kevin Ming Chang† (Engineering) Aditya Krishnan Sivathanu† (Engineering) Samyukta Balaji* (Engineering)	James G Ogg (Science) Aaron C Ault (Engineering)
Poster #1221 presented 11/19 @ 10:30-11:30am	Ojas Chaturvedi† (Science JMHC) Kayshav Bhardwaj† (Science) Vincent Wentao Zhao† (Science) Max Yu Zhen Chen‡ (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 #1226 presented 11/19 @ 10:30-11:30am	Ronald Anton Cutler† (Science)	Julia Laskin (Science) Bethany Ana Phillips (Science)
Poster #1230 presented 11/19 @ 10:30-11:30am	Jacob Harlow Ehman† (Engineering) Amanda Joan Holmes‡ (Science)	Ali Bramson (Science)
Poster #1231 presented 11/19 @ 10:30-11:30am	Mahsa Farahani† (Science)	Ruben C Aguilar (Science)
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) Tanek Malhotra† (Science) Parth Kapila† (Polytechnic) Aniruddh Srivastava† (Science)	Matthew A Swabey (Engineering) Jaeun Kim (Engineering)

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Presentation	Students	Mentors
Poster #1233 presented 11/19 @ 10:30-11:30am	Aiden Michael Fernandes† (Science) Erwin Trong Luu† (HHS)	Anthony Gabriel Mena (Science)
Poster #1235 presented 11/19 @ 10:30-11:30am	Ethan Burke Fox† (Agriculture) Alexander Stephen Haynes‡ (Science)	Daniel B Raudabaugh (Agriculture) Mary Aime (Agriculture)
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 #1240 presented 11/19 @ 10:30-11:30am	Kaitlyn Nicole Gregerson† (Science)	Bridgette Kelleher (HHS)
Poster #1242 presented 11/19 @ 10:30-11:30am	Sofia Guevara Montoya† (Universidad Nacional de Colombia)	Dimitrios Giannios (Science) Zhaofeng Wu (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 #1251 presented 11/19 @ 10:30-11:30am	Marielle G Jackson† (Science JMHC)	Hilkka I Kenttamaa (Science) Grace Emma Greene (Science)
Poster #1252 presented 11/19 @ 10:30-11:30am	Ritwik Suresh Jayaraman† (Science) Aman Katyal† (Engineering) Azain Khalid† (Science) Chiraag Shashi Kumar† (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Samuel Labi (Engineering)
Poster #1255 presented 11/19 @ 10:30-11:30am	Sirish Meher Reddy Kayam† (Science)	Vanshika Gupta (Science) Jeffrey Edward Dick (Science)
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 #1261 presented 11/19 @ 10:30-11:30am	Ray Wai-Keung Lai† (Science)	Zhong-Yin Zhang (Science) Jinmin Miao (Pharmacy)
Poster #1263 presented 11/19 @ 10:30-11:30am	Declan Leaird† (Education Science) William Isaiah Need* (Science)	Hannah Elise Starr (Science)
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 #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 #1274 presented 11/19 @ 10:30-11:30am	Khanh Ha Nguyen† (Science JMHC)	Sandro Matosevic (Pharmacy) Soumyajit Das (Pharmacy)
Poster #1276 presented 11/19 @ 10:30-11:30am	Isis Atenea Ocegueda Medina†	Catherine L Searle (Science)
Poster #1279 presented 11/19 @ 10:30-11:30am	Brooke Allison Pilkey† (Science) Shreya Joshy‡ (Science)	Rebecca Lynn Leuschen-kohl (Agriculture) Anjali Iyer-Pascuzzi (Agriculture) Stephen R Lindemann (Agriculture) Rwivoo Baruah (Agriculture)

Presentation	Students	Mentors
Poster #1281 presented 11/19 @ 10:30-11:30am	Aakarsh Nagendra Rait† (Science) Donald Alexander Weintz† (Engineering) Jianing Wang† (Science) Aditya Mallepalli† (Science) Preetham Reddy Yerragudi† (Science)	Edward J Delp (Engineering) Carla Zoltowski (Engineering)
Poster #1282 presented 11/19 @ 10:30-11:30am	Ana Carolina Ramirez Gonzalez†	Greg M Michalski (Science)
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 #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 #1294 presented 11/19 @ 10:30-11:30am	Thomas Anthony Slamecka† (Science)	Jeffrey Miles Gerber (Science)
Poster #1299 presented 11/19 @ 10:30-11:30am	Jeslyn Cheng Yang† (Science) Brian Ross Ramos† (Polytechnic) Angela Qian† (Science) Jacob Ray Morales† (Engineering) Ramsey Daniel† (Engineering) Alessandra Rice† (Engineering)	Soudabeh Taghian Dinani (Engineering) Carla Zoltowski (Engineering) Zheyuan Zhang (Engineering) Edward J Delp (Engineering)
Poster #1302 presented 11/19 @ 10:30-11:30am	Vicky Zheng† (HHS)	Suilan Zheng (Science)
Poster #1404 presented 11/19 @ 12:00-1:00pm	Yash Rajendra Ashtekar† (Engineering) Utkarsh Bali† (Science Graduate)	Pengyi Shi (DSB)
Poster #1405 presented 11/19 @ 12:00-1:00pm	Nihar Pushkar Atri† (Science)	Madhumathi Ponnusamy (Polytechnic) Shan Zhou (Liberal Arts) Gaurav Nanda (Polytechnic)
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 #1415 presented 11/19 @ 12:00-1:00pm	Yu-Wei Cheng† (Agriculture)	Ximena Bernal (Science) Richa Singh (Science)
Poster #1416 presented 11/19 @ 12:00-1:00pm	Arunima Chowdhury† (Science) Marisa Jean Fredrickson† (Engineering) Aryan Kaul† (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 #1418 presented 11/19 @ 12:00-1:00pm	Gisselle Cordoba† (Science)	Kathryn Jean LaRoche (HHS)
Poster #1421 presented 11/19 @ 12:00-1:00pm	Leo Deng† (Science) Chien Chou Ho† (Engineering) Rishi Mantri† (Engineering) Arjun Sandeep Gupte† (Engineering)	James C Davis (Engineering) Huiyun Peng (Engineering)
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)

Presentation	Students	Mentors
Poster #1427 presented 11/19 @ 12:00-1:00pm	Keeley Vonne Farmer† (Science)	Jeffrey Edward Dick (Science) Dane Christophe Wagner (Science) Mobina Masdari (Science)
Poster #1432 presented 11/19 @ 12:00-1:00pm	Justin Zijie Gan† (Engineering) Sahithi Gokavarapu† (Science) Pranati Patchigolla† (Science)	Andres Felipe Hoyos Moreno (Engineering) Samuel Labi (Engineering) Richard Osita Ajagu (Engineering)
Poster #1434 presented 11/19 @ 12:00-1:00pm	Kush Gogia† (Engineering) Christopher Michael Sigmund† (Engineering) Ilhoon Lee† (Science)	James C Davis (Engineering)
Poster #1435 presented 11/19 @ 12:00-1:00pm	Saloni Gupte† (Science)	Hayagreev Vadhiraaj Sarma Keri (Engineering) Scott R Pluta (Science)
Poster #1437 presented 11/19 @ 12:00-1:00pm	Bennett Michael Hanan† (Engineering) Margulan Mukhametkarim† (Engineering) Benjamin Harris Ciliberto† (Engineering) Ridge McCain Blankenship† (Engineering) Alexander T Valdes‡ (Engineering) Nicholas Keir Wade‡ (Science) Andrew Joseph Shelley‡ (Polytechnic) Alexander Kmetko‡ (Engineering) Liam M McCormack‡ (Polytechnic)	Brittany A Newell (Polytechnic) Richard M Voyles (Polytechnic) Samuel Labi (Engineering)
Poster #1442 presented 11/19 @ 12:00-1:00pm	Hailey Choi Hiatt† (Science)	Hannah Elise Starr (Science)
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 #1447 presented 11/19 @ 12:00-1:00pm	Azain Khalid† (Science) Jack Harrison Reynolds† (Science) Kushal Venkata Peddakotla† (Engineering) Aiden M Hudson† (Science) Bailey Marie Jones† (Engineering)	Robin Carpenter (Science) Andy Jung (Science)
Poster #1448 presented 11/19 @ 12:00-1:00pm	Devansh Khandelwal† (Science) Dinh Huy Tuan Nhu† (Science) Arnav Daryani† (Science) Jeffrey Jingwei Wu† (Science)	Edward J Delp (Engineering) Carla Zoltowski (Engineering)
Poster #1451 presented 11/19 @ 12:00-1:00pm	Anna G. Klupshast† (Science)	Jan-Frederik Schulte (Science)
Poster #1457 presented 11/19 @ 12:00-1:00pm	Emily Loiselle† (Engineering JMHC) Joseph Huang† (Engineering) Nandini Mukul Pande† (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 #1466 presented 11/19 @ 12:00-1:00pm	Rafael Monteiro Martins Pinheiro† (Science) Miguel Isrrael Teran† (Engineering)	Mark Johnson (Engineering) Timothy Francis Hein (Engineering)
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)

Presentation	Students	Mentors
Poster #1471 presented 11/19 @ 12:00-1:00pm	Aadya Pandey† (Science)	Andrea L Kasinski (Science) Samira Piltan (Science)
Poster #1475 presented 11/19 @ 12:00-1:00pm	Sadie A Poiriert† (Science JMHC) Yashvi Choudhary‡ (Science)	Vanshika Gupta (Science) Jeffrey Edward Dick (Science)
Poster #1479 presented 11/19 @ 12:00-1:00pm	Braxton J Schielert† (Science JMHC)	Leanne Nieforth (Vet Med)
Poster #1482 presented 11/19 @ 12:00-1:00pm	Sofia Schumann† (HHS) Dia Dipen Jhaveri‡ (Science)	Jason R Cannon (HHS) Reeya Tanwar (HHS) Fatema Mustafa Currim (HHS)
Poster #1483 presented 11/19 @ 12:00-1:00pm	Sydney Alexandria Scozzaro† (Science JMHC)	Matthew Olson (Science) Nicole L Anderson (Science)
Poster #1485 presented 11/19 @ 12:00-1:00pm	Dylan Wade Seets† (Science)	Darrin M Karcher (Agriculture) Sara Elizabeth Cloft (Agriculture)
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 #1496 presented 11/19 @ 12:00-1:00pm	Meghna Swaminathan† (Science) Juan Pablo Loaiza Ramirez‡	Torsten Reimer (Liberal Arts)
Poster #1501 presented 11/19 @ 12:00-1:00pm	Gwyneth Wong† (Science)	Indranil Arun Mukherjee (Science)
Poster #1505 presented 11/19 @ 12:00-1:00pm	Francille Zhuang† (Science JMHC)	Jennifer Scheuer (Liberal Arts)
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 #1609 presented 11/19 @ 1:30-2:30pm	Leyton Drew Bostre† (Engineering) Michael Robert Knaack† (Engineering) Samyukta Balaji† (Engineering) Aditya Krishnan Sivathanu‡ (Engineering) Kevin Ming Chang‡ (Engineering)	James G Ogg (Science) Aaron C Ault (Engineering)
Poster #1610 presented 11/19 @ 1:30-2:30pm	Caleb Buening† (Science JMHC)	Leanne Nieforth (Vet Med)
Poster #1614 presented 11/19 @ 1:30-2:30pm	Wyatt Tristan Carter† (Agriculture)	Jean A Chmielewski (Science) Anna Pavlishchuk (Science)
Poster #1618 presented 11/19 @ 1:30-2:30pm	Piyush Dnyaneshwar Chhallare† (Science)	Bishnu Prasad Belbase (Science) Arnab Banerjee (Science)
Poster #1622 presented 11/19 @ 1:30-2:30pm	Maria Fernanda Delgado Taboada† (Agriculture)	Natalia Doudareva (Science) Matthew Edward Bergman (Agriculture)
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)

Presentation	Students	Mentors
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 #1628 presented 11/19 @ 1:30-2:30pm	Vatsal Sanjeevkumar Dudhaiya† (Engineering) Tingyu Yin† (Science)	Marco Hadisurya (Agriculture)
Poster #1630 presented 11/19 @ 1:30-2:30pm	Isabella Marie Ford† (Science) Elissa Maria Finnessy† (HHS)	Kathryn Jean LaRoche (HHS)
Poster #1636 presented 11/19 @ 1:30-2:30pm	Laura Evelyn Harris† (Agriculture JMHC) Ian McGill† (Science JMHC) Elizabeth Darlene Gray† (Liberal Arts JMHC)	Aparajita Jaiswal (Purdue University)
Poster #1637 presented 11/19 @ 1:30-2:30pm	Abigail Marie Higgins† (HHS) Arshia Bhuvana Rama† (Science) Lauren M Hopkins† (Science)	Lara Nicole Balian (HHS) Rebecca A Ziolkowski (HHS) Natalia Maria Rodriguez (HHS)
Poster #1638 presented 11/19 @ 1:30-2:30pm	Margaret Sarah Holcomb† (Science)	Matthew Olson (Science)
Poster #1639 presented 11/19 @ 1:30-2:30pm	Julia Hopper† (Science JMHC) Jack Rearden Ferlazzo† (Engineering JMHC) Ashley Jo Schafert† (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 #1646 presented 11/19 @ 1:30-2:30pm	Akshith Karri† (Science)	Abigail Polin (Science)
Poster #1647 presented 11/19 @ 1:30-2:30pm	Emma Frances Kay† (Science) Ella Rose Deanne Chianis‡ (Science)	Brittany Lee Allen-Petersen (Science) Claire M Pfeffer (Science) Brittany Nicole Heil (Science)
Poster #1648 presented 11/19 @ 1:30-2:30pm	Alexander G Kelley† (Science)	Kaitlyn T. Hood (Science)
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)

Presentation	Students	Mentors
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 Yeleneni (Science)
Poster #1662 presented 11/19 @ 1:30-2:30pm	Anika Mathur† (Science) Jiwon Seo† (Science) Samskrithi Sivakumar† (Science) Charles Chen† (Science) Sein Kim† (Science)	Brett A Meyers (Centers & Institutes) Pavlos Vlachos (Engineering) Lauren Ann Metskas (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 #1667 presented 11/19 @ 1:30-2:30pm	Piotr Stanislaw Nabrzyski† (Engineering) Keegan Brenner Harris† (Science) Shlok Ashish Sheth† (Science) Joonyeoup Kim† (Engineering) William Benjamin Tao† (Engineering)	Edward J Delp (Engineering)
Poster #1672 presented 11/19 @ 1:30-2:30pm	Jonathan Aimison Oppenheimer† (Science) Henry Hengyi Tsay† (Science) Lucas Tan† (Science) Thanmaya Pattanashetty† (Science) Shiva Sai Vummaji‡ (Science) Tim Nadolsky‡ (Science) Chiho Song‡ (Science) Liam Matthew Stonestreet‡ (Science) Haichang Li‡ (Polytechnic)	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering)
Poster #1673 presented 11/19 @ 1:30-2:30pm	Cadance William Lucas Ormsby† (Science JMHC) Sri Krishna Teja Mannava† (Science) Abhiansh Parwal† (Science) Erlin Daniel Pineda Hernandez† (Science)	David Alan Ruiter (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 #1680 presented 11/19 @ 1:30-2:30pm	Lillian Faith Pierce† (HHS)	Brady Robert Layman (Science) Megan Leigh Hill (Science) Jeffrey Edward Dick (Science)
Poster #1681 presented 11/19 @ 1:30-2:30pm	Aditya Pillai† (Science JMHC)	GuangJun Zhang (Vet Med) Dingxun Wang (Vet Med)
Poster #1684 presented 11/19 @ 1:30-2:30pm	Mridu Prashanth† (Science)	Daniel G Aliaga (Science) Aniket Bera (Science)
Poster #1689 presented 11/19 @ 1:30-2:30pm	Mateus Rocha Ripari† (Agriculture) Paula Natalia Natalia Paez Monroy† (Universidad Nacional de Colombia) Erica Kaser* (Agriculture) Keila Aika Keikilani Jellings* (Science) Elise Bennett* (Utah Valley University)	Abigail Keelin Rogers (Interdisciplinary & Special Programs)

Presentation	Students	Mentors
Poster #1692 presented 11/19 @ 1:30-2:30pm	Sarah Sawhney† (Engineering) Ian Tseng† (Engineering) Chien Chou Ho† (Engineering) Jiali Shi† (Science) Taehoon Kim† (Engineering) Yi-Huan Chen† (Engineering) Ching-Hsiang Huang‡ (Engineering)	Shreya Ghosh (Engineering)
Poster #1694 presented 11/19 @ 1:30-2:30pm	Amirali Sharifi Olounabadi† (Science) Alaqqar Adnan Bohori† (Engineering) Sagnik Ballabh† (Science) Tiancheng Zhang† (Science)	Santosh Bhandari (Science) Andy Jung (Science)
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 #1699 presented 11/19 @ 1:30-2:30pm	Vincent Cody Stavigt† (Science) Benjamin David Duttlingert† (Science) Julius Coleton Thomas Jodway† (Science) Hermes Heng-yu Fu† (Science)	David Alan Ruitter (Science) Andy Jung (Science)
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)
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 #1709 presented 11/19 @ 1:30-2:30pm	Sam Brody Waymire† (Science) Dean Patrick Shock† (Science) Shawanwit Poomsa-ad† (Science) Elijah Scott Forbes† (Science)	Santosh Bhandari (Science) Andreas Jung (Science)

Presentation	Students	Mentors
Poster #1713 presented 11/19 @ 1:30-2:30pm	Jinhoon 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)
Research Talk #7004 presented 11/20 @ 9:20am	Tanya Sophia Masnyk† (Engineering)	Qingchun Li (Polytechnic) Daniel R Chavas (Science)
Research Talk #7009 presented 11/20 @ 9:00am	Talia Lee Kiddert† (Science)	Brittany Lee Allen-Petersen (Science) Brittany Nicole Heil (Science)
Research Talk #7010 presented 11/20 @ 9:20am	Andree Kolliiegbot† (Science)	Nadia Atallah Lanman (Vet Med)
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 #7013 presented 11/20 @ 10:20am	Ian Owen Ou† (Engineering) Julianne Quin Iaccarino† (Engineering) Ibrahim Issa Abdullah† (Engineering) Basil Khwaja† (Engineering) Ron K Natarajan† (Science)	Monika Tomar (Engineering) Yung-Hsiang Lu (Engineering)
Research Talk #7018 presented 11/20 @ 10:00am	Morgan Marie DesEnfants† (Science) Roshni Manikandan‡ (Science) Linnaea Eileen Krupke* (HHS)	Kimberly Kinzig (HHS)
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 #7021 presented 11/20 @ 10:00am	Jasmine Alayna Luckett† (Science)	Greg M Michalski (Science)
Research Talk #7022 presented 11/20 @ 10:20am	Theo Adrian Garcia Carranco†	Yunyue Li (Science)
Research Talk #7023 presented 11/20 @ 10:40am	Joseph Michael Crompt† (Science) Thanmaya Pattanashetty† (Science) Alexia Rodrigues† (Science)	Alexandria Volkening (Science)
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 #7032 presented 11/20 @ 11:40am	Jaden Brooks† (Science) Priya Halder* (HHS)	Sydney Trask (HHS)
Research Talk #7033 presented 11/20 @ 11:00am	Grace Katz† (Science)	Danny Milisavljevic (Science) Danielle Dickinson (Science)
Research Talk #7034 presented 11/20 @ 11:20am	Donnie Hutchison† (Science)	Ali Bramson (Science)

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

Presentation	Students	Mentors
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 #7038 presented 11/20 @ 12:40pm	William Henry Stevens† (Science) Gabriel A Torres† (Engineering) Karthik Selvaraj† (Engineering) Leo Ross Benaharon† (Engineering) Surya Teja Sripathi† (Science) Arnav Dushyant Choudhry† (Engineering)	Edward J Delp (Engineering) Carla Zoltowski (Engineering) Fengqing Zhu (Engineering)
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 #7045 presented 11/20 @ 12:00pm	Ella Rose Deanne Chianist† (Science)	Brittany Lee Allen-Petersen (Science) Claire M Pfeffer (Science)
Research Talk #7046 presented 11/20 @ 12:20pm	Sarah A Alvarez† (Science)	Peter Dahlberg (Stanford University)
Research Talk #7047 presented 11/20 @ 12:40pm	Revanth Krishna Senthilkumarant† (Engineering JMHC)	Aniket Bera (Science) Apoorva Vashisth (Science)
Research Talk #7049 presented 11/20 @ 1:20pm	Amikosh Dubet† (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 #7050 presented 11/20 @ 1:40pm	Gavin Michael Fortwendelt† (Science)	Yi Ding (Engineering) Inez Hua (Engineering)
Research Talk #7051 presented 11/20 @ 1:00pm	Carson William Rockwell† (Science) Bailey Jean Williams† (Agriculture)	Bruce M Applegate (Agriculture) Kal Holder (Science) Keyshla M Narvaez Davila (Agriculture)
Research Talk #7054 presented 11/20 @ 1:00pm	Vidya Reddy Madana† (Science)	Aparajita Jaiswal (Purdue University)
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) Aadiv 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 #7059 presented 11/20 @ 1:40pm	Indiraa Doraivel† (Science)	Garima Baral (Science) Claire M Pfeffer (Science) Sara Nicole Filippelli (Science) Brittany Lee Allen-Petersen (Science)
Research Talk #7065 presented 11/20 @ 2:40pm	Jack Douglas Morehouse† (Science)	Jason T Hoverman (Agriculture)

Presentation	Students	Mentors
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)
Research Talk #7070 presented 11/20 @ 2:20pm	Santiago Lopez† (Science JMHC)	Alex Ruichao Ma (Science)
Research Talk #7071 presented 11/20 @ 2:40pm	Mathilda Campillo Abuchaibet† (Universidad del Norte)	Manuel Luis Rivera (Science)
Research Talk #7073 presented 11/20 @ 3:20pm	Shamalaa Sathiasealan† (Science)	Mohit Verma (Engineering) Josiah L Davidson (Agriculture)
Research Talk #7076 presented 11/20 @ 3:20pm	Jax Patrick Marrone† (Engineering) Andres Navarro‡ (Science) Emily Le Bell‡ (Science) Audrey V Harrison‡ (Science)	Edward L Bartlett (Engineering) Meredith Christine Ziliak (HHS)
Research Talk #7078 presented 11/20 @ 3:00pm	Marlo Ann Weber† (Science JMHC) Connor Taychin Underwood† (Science JMHC) Christopher Gerald Farber† (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 #7081 presented 11/20 @ 3:00pm	An My Nguyen† (Engineering)	Majid Kazemian (Science) Yuxin Zhuang (Agriculture)
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 #7083 presented 11/20 @ 3:40pm	Muyang Yan† (Science)	Yexiang Xue (Science) Maxwell Joseph Jacobson (Science) Simon Stepputtis (Carnegie Mellon University)
Research Talk #7086 presented 11/20 @ 4:40pm	Arman Kumar† (Science JMHC)	Mohit Verma (Engineering) Josiah L Davidson (Agriculture)
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 #9003 presented 11/19-11/26 virtually	Aritro Chatterjee† (Science) Evan Chareunsouk Sengsanith† (Engineering) Lauren M Burch† (Science) Camden Michael French† (Science) Lucas Michael Rulo† (Science) Yana Manishkumar Shah† (Science) Likith Reddy Singam† (Engineering)	Robin Carpenter (Science)
Virtual #9005 presented 11/19-11/26 virtually	Sanjna K Chokshi† (Engineering) Joshua Paik† (Science) Nishaant Kunal Shah† (Engineering) Elina Ashish Shah† (Science)	Fiona Kolbinger (Engineering) Fengqing Zhu (Engineering) Soudabeh Taghian Dinani (Engineering)
Virtual #9008 presented 11/19-11/26 virtually	Satyam Vipulbhai Dave† (Polytechnic) Yana Sheoran† (Science)	Matthew Lanham (DSB)
Virtual #9011 presented 11/19-11/26 virtually	William John Greenwood† (Science) Noah Anthony Wisniewski‡ (Engineering)	Younggil Chang (Engineering) Amikosh Dube (Engineering) Shreyas Sundaram (Engineering)
Virtual #9021 presented 11/19-11/26 virtually	Sonal Naik† (Science)	Vaneet Aggarwal (Engineering) Denny Yu (Engineering)

Presentation	Students	Mentors
Virtual #9022 presented 11/19-11/26 virtually	Dang Kim Minh Nguyen† (Polytechnic) Donhyung Ko† (Engineering) Nam Hoang Tran† (Science) Muhammad Usman Mushahid† (Engineering)	Edward J Delp (Engineering)