

Spring 2026 Undergraduate Research Conference: Engineering

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:

- Divisions of presenters, contributors, and acknowledgments (e.g., the students) are based on:
 - Academic program only if a Purdue student, or
 - Employment data if a visiting student employed by Purdue. In some cases, visiting students' primary institution may appear instead of a division.
- Purdue mentors' divisions are based on their:
 - Academic program and employment data if a graduate student, or
 - Employment data only if not a graduate student.
- Names 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 & Other Acknowledgments
Poster #1001 presented 4/14 @ 9:00-10:00am	Ashwina Agarwal† (Engineering JMHC)	Zijian He (Engineering)
Poster #1003 presented 4/14 @ 9:00-10:00am	Sabina Akelbek† (Science) Farah Hazim Moha Shohatee† (Science JMHC) Elyse Youngstedt† (Agriculture Engineering) Mia Noreen Wilhite† (Agriculture Engineering JMHC)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1004 presented 4/14 @ 9:00-10:00am	Abigail Catherine Alexandert† (Agriculture)	Marxa L Figueiredo (Vet Med) Gabriel Steven Harris (Vet Med)
Poster #1005 presented 4/14 @ 9:00-10:00am	Tatchi Dakari Anouan† (Engineering)	Weijing Sebastian Chen (Engineering)
Poster #1008 presented 4/14 @ 9:00-10:00am	Devyn Simone Barton† (Science)	Meredith Christine Ziliak (HHS Science) Edward L Bartlett (Engineering Science) Jane Ann Mondul (HHS)
Poster #1019 presented 4/14 @ 9:00-10:00am	Julia Elizabeth Casales† (Science) Grace Engblom Wolf‡ (Engineering) Ava Grace Harrison‡ (Science) Naomi Joy Scott‡ (Science)	Ruben C Aguilar (Science) Nafisa Ahmed (Science)
Poster #1020 presented 4/14 @ 9:00-10:00am	Ojas Chaturvedi† (Science JMHC) Julia Kang‡ (Science) Julian Vuong‡ (Engineering) Justin Zhao‡ (Science) Suhani Yadav‡ (Science JMHC) Yewon Choi‡ (Polytechnic)	Shubh Parag Mehta (Engineering) Craig J Goergen (Engineering) Benjamin Landis (Indiana University)
Poster #1023 presented 4/14 @ 9:00-10:00am	Vihaan Reddy Chinthakindi† (Engineering)	Akshath Raghav Ravikiran (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Mark C Johnson (Engineering)
Poster #1024 presented 4/14 @ 9:00-10:00am	Erika Chiommino† (Science JMHC) Alexandra Madison Chrostowski† (Engineering) Brian Jeffrey Young† (Science)	Braden Lee Garretson (Science) Danny Milisavljevic (Science)
Poster #1026 presented 4/14 @ 9:00-10:00am	Jacob Adam Clark† (Engineering) Alexander Raffaele Ciccarelli† (Engineering)	Rishikesh Reddy Bathina (Engineering)

Presentation	Students	Mentors
Poster #1027 presented 4/14 @ 9:00-10:00am	Erica Paige Conley† (Agriculture Engineering JMHC) Madison Lih-Rong Hou† (DSB) Noah Daniel Brooks† (Agriculture Engineering JMHC)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1029 presented 4/14 @ 9:00-10:00am	Elizabeth Nan Zi Darland† (Agriculture Engineering) Olivia Lucille Kimmick† (Science) Janelle Mei Maclert† (Science) Divya Vishal Wadhwa† (Engineering)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1033 presented 4/14 @ 9:00-10:00am	Uyen Do† (Engineering) Kenzo Avery Evans† (Engineering) PO-Tsung Hsu† (Engineering) Eric Younghoon Song† (Engineering) Bobby Gu† (Engineering)	Peter A Bermel (Engineering) Saeed Mohammadi (Engineering) Zhihong Chen (Engineering)
Poster #1034 presented 4/14 @ 9:00-10:00am	Kylee Rene Dodd† (Science) Walker Andrew Millhoff* (Liberal Arts Science) Isabella Grace Shockley* (Engineering Science)	Kelsey Prissel (Science)
Poster #1039 presented 4/14 @ 9:00-10:00am	Caleb James Evans† (Engineering) Georgios Giannakis† (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1041 presented 4/14 @ 9:00-10:00am	Lily Dawn Farmert† (Engineering)	Sudharshan Anandan (Engineering) David E M Warsinger (Engineering)
Poster #1042 presented 4/14 @ 9:00-10:00am	Eesha Khalid Faruqi† (HHS) Elaine Marie Houry† (Engineering)	Niharika Narra (Engineering) Craig J Goergen (Engineering)
Poster #1043 presented 4/14 @ 9:00-10:00am	Mahad Khalid Faruqi† (Science) Yuhyun Na† (Science) Aditya Kuniyil Kattil† (Science JMHC)	Md Masudur Rahman (Engineering) Juan P Wachs (Engineering)
Poster #1046 presented 4/14 @ 9:00-10:00am	Ava Joan Roisi Flynn† (Engineering JMHC)	Craig J Goergen (Engineering)
Poster #1049 presented 4/14 @ 9:00-10:00am	Karna M Gajjar† (Engineering) Mason A Vrshek† (Engineering) Rimon Rosent† (Engineering) Skylar Keeley McGuire† (Engineering) Bo Chen† (Engineering) Lillian Ji† (Engineering)	James Michael Goppert (Engineering)
Poster #1052 presented 4/14 @ 9:00-10:00am	Jackson Carey Goehle† (Engineering) En-Hua Chang† (Engineering) Oluwatoye Oseseme Akintunde‡ (Engineering)	Shripad T Revankar (Engineering) Thomas E Adams (Engineering)
Poster #1053 presented 4/14 @ 9:00-10:00am	Shrienidhi Gopalakrishnan† (Engineering) Taviish Bothra† (Engineering) Syd Ghosh† (Engineering)	Fan Jing Hoon (Engineering) Sooraj Chetput Venkataraghavan (Engineering)
Poster #1054 presented 4/14 @ 9:00-10:00am	Margaret E Gretschrman† (HHS) Dushyant Vinay Singh† (Polytechnic) Atandriela Chowdhury* (Engineering)	Julius C Keller (Polytechnic) Debra Henneberry (Polytechnic) Mark D Wilson (HHS) Sudip Vhaduri (Polytechnic)
Poster #1055 presented 4/14 @ 9:00-10:00am	Bobby Gu† (Engineering) James Arthur Spezzano‡ (Engineering JMHC)	Peter A Bermel (Engineering)

Presentation	Students	Mentors
Poster #1056 presented 4/14 @ 9:00-10:00am	Ramiro Guntin Rodriguez† (DSB Engineering) Vedant Agarwal† (Engineering) Yousuf Ahmad Al-Jared† (Engineering) Jack Thomas Willard† (Engineering JMHC) Pranav Boyapati† (Engineering) Gechun Guo† (Science) Ameya Chaturvedi† (Engineering) Jaco Xia† (Engineering)	Thomas Edgar Roth (Engineering) Samuel Theodore Elkin (Engineering) Sean Sebastian Ramirez (Engineering)
Poster #1057 presented 4/14 @ 9:00-10:00am	Seunggho Han† (Engineering) Leah Ye Eun Tak† (Engineering) Ruby Eskinder Woudneh† (Engineering)	Jaeun Kim (Engineering)
Poster #1069 presented 4/14 @ 9:00-10:00am	Sreesha Vedavalli Kidambi† (Agriculture Engineering) Alyssa Brianna Sutherlin† (Agriculture Engineering JMHC) Jason England Thiagarajan† (Agriculture Engineering) Evan Michael Trent† (Agriculture)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1073 presented 4/14 @ 9:00-10:00am	Mark Maxim Kim† (Engineering) Anchit Asthana† (Engineering) Jack Isaac Krockover† (Engineering JMHC) Aditya Sarwaikar† (Engineering) Caleb James Evans‡ (Engineering) Georgios Giannakis‡ (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1075 presented 4/14 @ 9:00-10:00am	Nikhil Sai Kodali† (Science) Sanjith Jothi Bala† (Science) Weiping Zhang† (Engineering Science)	Danny Milisavljevic (Science) Noah Charles Singer (Science)
Poster #1080 presented 4/14 @ 9:00-10:00am	Jenny Mengmeng Li† (Engineering)	Michael Douglas Johnson (Liberal Arts)
Poster #1081 presented 4/14 @ 9:00-10:00am	Dongyun Lim† (Engineering)	Yung-hsiang Lu (Engineering) Zihao Ye (Engineering)
Poster #1083 presented 4/14 @ 9:00-10:00am	Sophia Yixuan Lu† (Engineering)	Jainil Dharmil Shah (Engineering) Zhihong Chen (Engineering)
Poster #1084 presented 4/14 @ 9:00-10:00am	Ryan James Mahoney† (Engineering)	Nadezhda N Zyaykina (Engineering) Alla A Golub (Agriculture) Inez Hua (Engineering)
Poster #1095 presented 4/14 @ 9:00-10:00am	Eduardo Paes Leme Jaqueira† (Engineering)	Denny Yu (Engineering) Ryan Thomas Villarreal (Engineering)
Poster #1096 presented 4/14 @ 9:00-10:00am	Gourav Pany† (Engineering) Nathan Robert Walsh† (Engineering) Trinay Ravella† (Engineering) Apostolos Constantine Zachariadis‡ (DSB) Quinn P Murphy‡ (Engineering) Luke Alexander Macrina‡ (Engineering)	Aparajita Jaiswal (Engineering) Ryan Michael Meister (Engineering)
Poster #1097 presented 4/14 @ 9:00-10:00am	Evelynn Marie Papez† (Engineering JMHC) Mayuka Valluri* (Engineering JMHC)	Elizabeth Tarami Su (Engineering) Kevin John Otto (Engineering)
Poster #1098 presented 4/14 @ 9:00-10:00am	Paul Kyu-Hwan Park† (Polytechnic)	Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering)
Poster #1099 presented 4/14 @ 9:00-10:00am	Arnab Paul† (Engineering)	David E M Warsinger (Engineering) Waqas Alam (Engineering)
Poster #1100 presented 4/14 @ 9:00-10:00am	Nikolai Perebeinos† (Engineering)	Xianfan Xu (Engineering)
Poster #1104 presented 4/14 @ 9:00-10:00am	Kayla Renae Phillips† (Engineering JMHC)	Robert Jose Ccorahua santo (Engineering)

Presentation	Students	Mentors
Poster #1105 presented 4/14 @ 9:00-10:00am	Ronit Poddert† (Engineering) Alan Kang† (Science) Anderson Anousit Varnert† (Engineering) Sriranga Pydimarrit† (Engineering)	Worawis Sribunma (Centers & Institutes) Sabine Brunswicker (Polytechnic)
Poster #1106 presented 4/14 @ 9:00-10:00am	Aidan Richard Policelli† (Engineering) Issa Amer Haddad† (Engineering) Daniel Z Wu† (Engineering) William Michael Shaffert† (Engineering) Paul Michael Hamast† (Engineering)	Benjamin Manning (Engineering)
Poster #1107 presented 4/14 @ 9:00-10:00am	Nicholas Poplavskyy† (Engineering) Nicholas Luke Breitwieser† (Engineering) Larry Braden Reamer† (Engineering) William Jeffrey Maney† (Engineering)	James M Gibert (Engineering) Karsten Alexander Hilgarth (Engineering)
Poster #1109 presented 4/14 @ 9:00-10:00am	Matthew S Pung† (Engineering JMHC) Gavin J Jensen† (Science) Connor James Federoff† (Science JMHC)	Jason A Ware (JMHC)
Poster #1110 presented 4/14 @ 9:00-10:00am	Myles Joshua Pristin Querimit† (Engineering) Mixuan Pant† (Engineering)	Sooraj Chetput Venkataraghavan (Engineering) Malcolm Lloyd Seib McClymont (Engineering) Anand Raghunathan (Engineering) Mark C Johnson (Engineering)
Poster #1113 presented 4/14 @ 9:00-10:00am	Aleks Ratkovic† (Engineering) Jacob Michael Jannotta† (Polytechnic) Kavin Gupta† (Engineering) Pavle Duric† (Engineering) Samuel Duprey‡ (Science) Henri Goosen‡ (Science) Alan Joshua Hsu‡ (Engineering) Ehan Souham Masud‡ (Engineering) Gabriel Loren Oliger‡ (Engineering) Peyton Aaron Williams‡ (Engineering) Ege John Balci‡ (Engineering) Stella Margarette Alcorn* (Engineering) Justin Andre Bachmann* (Engineering) Ashutosh Barman* (Engineering) Addison Bauer* (Engineering) Seth Berenson Berkowitz* (Engineering) Cole Emerson Blocher* (Engineering) Christopher Evan Brantley* (Science) Lyon T Burns* (Engineering) Nicholas Gabor* (Engineering) Henry Thomas Gleason* (Engineering JMHC) Nyssa Guha* (Engineering) Katharina Anne Guth* (Engineering JMHC) Gregg Hallman* (Engineering) Alvin Hu* (Engineering) Matthew Ethan Huffman* (Engineering) Ava Mary Janish* (Engineering) Pranav Krishnamoorthy* (Engineering JMHC) Bruce Joseph LaBounty* (Engineering) Chewon Lim* (Engineering) Joseph Raymond Pelletier* (Engineering) Arthur Prudius* (Engineering) Anna Genevieve Radulski* (Engineering) Kumaran Aathiyysh Surgunavel* (Engineering)	Alexey Shashurin (Engineering)

Presentation	Students	Mentors
Poster #1115 presented 4/14 @ 9:00-10:00am	Camila Ribeiro† (Engineering) Clara Ribeiro† (Engineering)	Zherui Martinez-Guo (Engineering)
Poster #1117 presented 4/14 @ 9:00-10:00am	Sofi Zhang Schmitt† (Engineering) Abhi Theo Hakhu† (Engineering) Akul Goyal† (Engineering) Brian Wu† (Engineering)	Samuel Labi (Engineering) Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering) Reed Joseph Freer (Engineering)
Poster #1121 presented 4/14 @ 9:00-10:00am	Leonor Antunes Sinogas† (Science)	Shulan Xiao (Engineering) Linlin Li (Engineering)
Poster #1130 presented 4/14 @ 9:00-10:00am	Yiting Tsai† (Science JMHC)	Akshdeep Singh Ahluwalia (Engineering)
Poster #1133 presented 4/14 @ 9:00-10:00am	Mayuka Valluri† (Engineering JMHC) Evelynn Marie Papez* (Engineering JMHC)	Elizabeth Tarami Su (Engineering) Kevin John Otto (Engineering)
Poster #1135 presented 4/14 @ 9:00-10:00am	Pedro Vasconcellos Cazzoli† (Engineering)	Nadezhda N Zaykina (Engineering)
Poster #1138 presented 4/14 @ 9:00-10:00am	Nathan Robert Walsh† (Engineering) Luke Alexander Macrina† (Engineering) Quinn P Murphy† (Engineering) Gourav Pany‡ (Engineering) Apostolos Constantine Zachariadis‡ (DSB) Trinay Ravella‡ (Engineering)	Aparajita Jaiswal (Engineering) Ryan Michael Meister (Engineering)
Poster #1140 presented 4/14 @ 9:00-10:00am	Braden Morgan Whitney† (Engineering JMHC)	William Lawrence Yu (Engineering)
Poster #1143 presented 4/14 @ 9:00-10:00am	Amanda Danielle Wolff† (Agriculture Engineering JMHC)	Sreetama Pal (Pharmacy Science) Robert V Stahelin (Pharmacy)
Poster #1144 presented 4/14 @ 9:00-10:00am	Umar Yasser† (DSB) Ryan William Gilbert† (DSB) Kanan Gurbanov† (DSB) John Paul Williams† (DSB) William Henry Jack‡ (DSB) Owen Alexander Hershberger‡ (DSB) Shuoming Yu‡ (DSB)	Xing Wang (DSB) Keun Jun Park (DSB Engineering Science)
Poster #1145 presented 4/14 @ 9:00-10:00am	Nicholas Casamir Yurkus† (Science) Truman Carl Parrish† (Engineering) Jeev Srinivas Sosale† (Science)	Andy Jung (Science)
Poster #1146 presented 4/14 @ 9:00-10:00am	Alexander Haitian Zhang† (Engineering) Alexander Lam Nguyen† (Engineering) John Michael Wyman† (Engineering) Mohamed Mahmoud Zaitoun† (Engineering) Siddhant Monish Tandale† (Engineering)	Richard Osita Ajagu (Engineering) Reed Joseph Freer (Engineering) Andres Felipe Hoyos Moreno (Engineering)
Poster #1147 presented 4/14 @ 9:00-10:00am	Robert Yida Zhang† (Engineering) Jiayi Liu† (Engineering) Michael X Zhang† (Engineering) Soumil Verma† (Engineering) Mary Francis‡ (Engineering JMHC)	Akshath Raghav Ravikiran (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Mark C Johnson (Engineering)
Poster #1200 presented 4/14 @ 10:30-11:30am	Aqib Muhammad Abdullah† (Engineering JMHC)	Mitchell Dean Sanchez (Engineering) Bradley S Duerstock (Engineering)
Poster #1205 presented 4/14 @ 10:30-11:30am	Grace Louise Amburgey† (Science JMHC) Emmeline Rose Seest‡ (Agriculture JMHC) Grace Elizabeth Collins‡ (Agriculture) Renee Danielle Walmoth‡ (Agriculture)	Mary-Margaret Brigette Benware (Agriculture) Morgan Emily Furze (Agriculture) Brady S Hardiman (Agriculture Engineering) Scott McAdam (Agriculture)
Poster #1207 presented 4/14 @ 10:30-11:30am	Bharath Anand† (Engineering)	Ananth Y Grama (Science)

Presentation	Students	Mentors
Poster #1208 presented 4/14 @ 10:30-11:30am	Mahrukh Muhaimen Anindya† (Engineering JMHC) Ruhaan Batta† (Engineering) Trinay Ravella† (Engineering)	Xiaonan Lu (Polytechnic)
Poster #1210 presented 4/14 @ 10:30-11:30am	Leticia Bagodi Missura† (Engineering) Jayesh Ratnakar Patil† (Engineering)	Enrico Martinez Sainz (Engineering) Rajdeep Deka (Agriculture Engineering)
Poster #1211 presented 4/14 @ 10:30-11:30am	Eitan Bajwol Gomberoff† (Engineering JMHC) Arsal Khurram‡ (Engineering) Seung Won You‡ (Engineering)	Timothy Francis Hein (Engineering)
Poster #1212 presented 4/14 @ 10:30-11:30am	Pranav Bantval† (Engineering) Jia-He Zhou† (Engineering) Advay Welling† (Engineering) Raghuv Potdar† (Engineering) Aadi Aniruddha Rave† (Engineering Science)	Sooraj Chetput Venkataraghavan (Engineering) Fan Jing Hoon (Engineering)
Poster #1214 presented 4/14 @ 10:30-11:30am	Priyank Behera† (Science)	C. Robert Kenley (Engineering)
Poster #1217 presented 4/14 @ 10:30-11:30am	Alexis Lucille Ador Bernal† (Agriculture Engineering)	Marcelo Inaki I Guerrero Montalvan (Agriculture) Stephen R Lindemann (Agriculture)
Poster #1218 presented 4/14 @ 10:30-11:30am	Alexander Marx Borrero† (Science) Siddharth S Kashyap† (Science) Rishab Yogesh Shenai† (Science) Ayush A Kedia† (PWL)	Soudabeh Taghian Dinani (Engineering)
Poster #1222 presented 4/14 @ 10:30-11:30am	Braden Thomas Callaway† (Engineering) Dominic Henry Mazurek† (Engineering)	James Michael Goppert (Engineering) Worawis Sribunma (Centers & Institutes)
Poster #1225 presented 4/14 @ 10:30-11:30am	Ojas Chaturvedi† (Science JMHC) Ritwik Suresh Jayaramant† (Science) Sean Xiaoyang Su† (Engineering JMHC) Shreeya Vishram Sarurkar† (Science) Kayshav Bhardwaj‡ (Science) Emily Ran Li‡ (Science JMHC) Elliott Jameson Soderberg‡ (DSB) Hongcheng Li‡ (Engineering)	Yung-hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts)
Poster #1227 presented 4/14 @ 10:30-11:30am	Yuha Choi† (Engineering) Vikram Ganesh Kumar† (Engineering) Tanvi Chukka† (Engineering)	Thomas Edgar Roth (Engineering) Samuel Theodore Elkin (Engineering) Sean Sebastian Ramirez (Engineering)
Poster #1228 presented 4/14 @ 10:30-11:30am	Khushi Choksi† (Engineering)	Wenzhuo Wu (Engineering) Hettiarachchige D Perera (Engineering)
Poster #1235 presented 4/14 @ 10:30-11:30am	Navya Harini Datla† (Engineering) Michael Lee† (Engineering) Joshua David Klug† (Engineering) Jash Snehal Pola† (Engineering)	Rishikesh Reddy Bathina (Engineering) Sooraj Chetput Venkataraghavan (Engineering)
Poster #1237 presented 4/14 @ 10:30-11:30am	Toben DeLaney† (HHS)	Chad C Carroll (HHS) Dylan Cole Easley (HHS) Jonathan H Shannahan (HHS) Zachary J Hass (Engineering HHS)
Poster #1240 presented 4/14 @ 10:30-11:30am	Ca Ngoc My Dinh† (Engineering)	Ayush Singh (Engineering) Anas Zyad Abughali (Engineering)
Poster #1243 presented 4/14 @ 10:30-11:30am	Peter Edvardsson† (Science) Amy Michelle Basca† (Engineering) Ryce Pi† (Science) Keshav Sriram Ramabhadran† (Engineering) Ropan Datta* (Science)	Yeon Ji Yun (Liberal Arts) Yung-hsiang Lu (Engineering)

Presentation	Students	Mentors
Poster #1245 presented 4/14 @ 10:30-11:30am	Zixuan Fei† (Engineering JMHC) Surya Pratheek Turaga† (Engineering JMHC) Hening Xu† (Engineering)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Poster #1246 presented 4/14 @ 10:30-11:30am	Tianhong Feng† (Science) Parthav Garg† (Science) Kaushik Attuluri† (Science) Ajay Rajaram Bharanidhar† (Science) Nathan Nguyen† (Science)	Bruno Ribeiro (Science) Gabriel Cesario Buginga (Science) Mohit Tawarmalani (DSB) Can Li (Engineering)
Poster #1247 presented 4/14 @ 10:30-11:30am	Gabriel Figueiredo Barbosa† (Engineering)	Nan Kong (Engineering) Laia Vancells Lopez (Engineering)
Poster #1248 presented 4/14 @ 10:30-11:30am	Anna Alden Fisher† (Agriculture Liberal Arts JMHC)	Natalia Doudareva (Agriculture) Manuel Bellucci (Agriculture)
Poster #1249 presented 4/14 @ 10:30-11:30am	Cian Ouray Flaherty† (Engineering)	Shubhra Bansal (Engineering) Haohan Guo (Engineering)
Poster #1251 presented 4/14 @ 10:30-11:30am	Connor Bradley Frey† (Science) Maya N Kobeissi† (Engineering) Andrew Thomas Choung† (Engineering) Muhammad Waliyullah Fazili† (Engineering) Mason Bowyoung Liu† (Engineering) James Patrick Graham† (Engineering) Luca Piero DalCanto† (Engineering)	Chih-Chun Wang (Engineering) Giles A Bischoff (Engineering) Husheng Li (Engineering)
Poster #1254 presented 4/14 @ 10:30-11:30am	Alexandra Sophia Garrison† (Engineering)	Jayesh Satish Shivtarkar (Engineering) Akanshu Sharma (Engineering) Deepak Suthar (Engineering)
Poster #1259 presented 4/14 @ 10:30-11:30am	Anthony Edward Gurrieri† (Engineering) Spencer Andrew Moore† (Engineering) Rohan R Iyer† (Engineering) Geetika Chitturi† (Engineering JMHC)	Jason Dwight McKinney (Engineering) Vivek vasantrao Wankhade (Engineering)
Poster #1261 presented 4/14 @ 10:30-11:30am	Leticia Lie Hashimoto† (Agriculture Engineering)	Fernanda Marisa da Cunha (Agriculture Engineering) Junli Liu (Agriculture Engineering) Michael R Ladisch (Agriculture Engineering) Nathan S Mosier (Agriculture Engineering) Diana Carolina Betancur Mesa (Agriculture)
Poster #1262 presented 4/14 @ 10:30-11:30am	Mackenzie Hathaway† (Engineering JMHC)	Ali Naderi Beni (Engineering) David E M Warsinger (Engineering) Jose M Garcia Bravo (Polytechnic)
Poster #1263 presented 4/14 @ 10:30-11:30am	Grace M Heaney† (DSB) Drew Raymond Hawley† (Science)	John H Cole (Engineering)
Poster #1264 presented 4/14 @ 10:30-11:30am	Cooper Layne Hovda† (Engineering JMHC)	Kevin John Otto (Engineering) Elizabeth Marie Olivo (Engineering)
Poster #1266 presented 4/14 @ 10:30-11:30am	Gaetano Antonio Iannotta† (Engineering) Samarth Bhatt† (Science) Tyler Daniel Grabowski† (Engineering) Mehak Kaur Virdy† (Science)	Qiang Qiu (Engineering) Wei Zakharov (Libraries) Wei Chen (Engineering) Colby Ben Acton (Engineering)
Poster #1268 presented 4/14 @ 10:30-11:30am	Xavier L Ish† (Engineering)	Amy M Marconnet (Engineering)
Poster #1270 presented 4/14 @ 10:30-11:30am	Arnav Ashish Kalekar† (Engineering) Vishaal Iyer† (Science) Om Vishvanath Muthyalat† (Science) Sooji Lee† (Science)	Yung-hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts) Ojas Chaturvedi (Science JMHC) Kayshav Bhardwaj (Science)
Poster #1272 presented 4/14 @ 10:30-11:30am	Aman Katyal† (Engineering) Nicholas Zhang† (Engineering) Ahmad Saleem Timbo† (Engineering)	Mark C Johnson (Engineering) William Rowan Cunningham (Engineering) Devin Raj Singh (Engineering)

Presentation	Students	Mentors
Poster #1273 presented 4/14 @ 10:30-11:30am	Tyler Ken Kikuno [†] (Engineering) Brandon B Velasquez Hernandez [†] (Engineering) Joseph Alexander Schelb [‡] (Engineering) Zhuoyu Yang [‡] (Engineering) Aubrey L Jones [‡] (Engineering)	Weijing Sebastian Chen (Engineering) Conor James Green (Engineering) Matthew A Swabey (Engineering)
Poster #1274 presented 4/14 @ 10:30-11:30am	Max Ben-Azai Kirschnert [†] (DSB) Jared Dong [†] (Engineering) Rohan Steven Quarve [†] (Engineering) Harshini Madhusudhanan [†] (DSB)	Soudabeh Taghian Dinani (Engineering)
Poster #1275 presented 4/14 @ 10:30-11:30am	Kirah Leigh Knobel [†] (Engineering JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1277 presented 4/14 @ 10:30-11:30am	Anna Louise Kokosa [†] (Science JMHC) Megan Webb [‡] (Science)	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering)
Poster #1282 presented 4/14 @ 10:30-11:30am	Larissa Leao Cruz [†] (Agriculture Engineering)	Karthik Sankaranarayanan (Agriculture Engineering) Peter John Thompson (Agriculture Engineering)
Poster #1284 presented 4/14 @ 10:30-11:30am	Derek Yishio Lee [†] (Engineering) Nikhil Sai Kollit [†] (Engineering) Anubhav Majumdar [†] (Science)	Danny Milisavljevic (Science) Noah Charles Singer (Science)
Poster #1285 presented 4/14 @ 10:30-11:30am	Shalem Lee [†] (Science)	Youn Jeong Choi (Agriculture) Linda S Lee (Agriculture Engineering)
Poster #1286 presented 4/14 @ 10:30-11:30am	Elvin Xuyang Li [†] (Engineering)	Jaeeun Kim (Engineering)
Poster #1287 presented 4/14 @ 10:30-11:30am	Richard Zhixiong Li [†] (Engineering)	Amy M Marconnet (Engineering)
Poster #1288 presented 4/14 @ 10:30-11:30am	Roger He Li [†] (Science) Daniel Kailin Wu [†] (Engineering) Omar Ahmed Abdelrady Ismaiel [†] (Engineering) Rachel Alexis Rosenthal [†] (Polytechnic) Tarek Ibrahim Salama [†] (Engineering) Ling Peng Zheng [†] (Polytechnic) Daniel Jonathon Proano [†] (Science) Garv Atri [†] (Liberal Arts Science)	Santiago Torres Arias (Engineering)
Poster #1290 presented 4/14 @ 10:30-11:30am	Shay Joseph Manor [†] (Science) Millan Shah Kumar [†] (Science JMHC) Zihan O Zeng [‡] (Engineering JMHC)	Francisco J Montalvo (Engineering)
Poster #1291 presented 4/14 @ 10:30-11:30am	Divya Raghvendra Manvikar [†] (Engineering) Rachel Catherine Ellis [‡] (HHS) Megan Ann Bogemann [‡] (HHS)	Catherine Tien Pham (HHS) Ji Yeon Lee (HHS)
Poster #1292 presented 4/14 @ 10:30-11:30am	Suhani Mathur [†] (Engineering) Shaunabh Bose [†] (Engineering) Kareem AbdelHameed Hassan [†] (Engineering) Farah Moussa [†] (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering) Reed Joseph Freer (Engineering)
Poster #1293 presented 4/14 @ 10:30-11:30am	Purav Matlia [†] (Science)	Guang Lin (Engineering Science)
Poster #1294 presented 4/14 @ 10:30-11:30am	Aidan Michael McDonough [†] (Engineering) Erhao Chen [†] (Engineering)	William Rowan Cunningham (Engineering) Fan Jing Hoon (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Mark C Johnson (Engineering) Akshath Raghav Ravikiran (Engineering)

Presentation	Students	Mentors
Poster #1296 presented 4/14 @ 10:30-11:30am	Chantelle April Miller† (Engineering JMHC)	Nadezhda N Zyaykina (Engineering)
Poster #1300 presented 4/14 @ 10:30-11:30am	Laksh Nagpal† (Engineering)	Euiwon Bae (Engineering)
Poster #1301 presented 4/14 @ 10:30-11:30am	Minh Huy Nguyen† (Engineering) Arnav Nadig Kadambit† (Engineering) Yuanxin Liu† (Engineering) Adithya Anand† (Engineering)	Zhihong Chen (Engineering) Jainil Dharmil Shah (Engineering)
Poster #1303 presented 4/14 @ 10:30-11:30am	Conner Joseph Niemann† (Pharmacy JMHC) Josi Laura Gallo† (Agriculture JMHC) Jijnasu Prakash Rout† (Engineering) Audrey Frances Wise† (Pharmacy JMHC)	Arezoo Ardekani (Engineering) Elham Saberian (Engineering) Harsa Mitra (Engineering)
Poster #1311 presented 4/14 @ 10:30-11:30am	Katherine Xiaoxing Pesetski† (Engineering JMHC) Boyang Wu* (Engineering) Haoyang Hu* (Engineering)	Zhengliang Lin (Engineering) Haiyan Wang (Engineering)
Poster #1312 presented 4/14 @ 10:30-11:30am	Ethan C Peyton† (Engineering JMHC)	Seyedehmarzieh Rouhani (Engineering) Cole Aaron Nelson (Engineering) Mark C Johnson (Engineering)
Poster #1313 presented 4/14 @ 10:30-11:30am	Tung Gia Pham† (Engineering)	Ramses Martinez (Engineering)
Poster #1316 presented 4/14 @ 10:30-11:30am	Katherine Alfreda Poirier† (Agriculture Engineering JMHC) Dagan James Knight† (Engineering JMHC) Jehereli Abisai Scheker-Garcia† (Agriculture Engineering) Lucy Jean Fanning† (Agriculture Engineering)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1318 presented 4/14 @ 10:30-11:30am	Ramya Prasanna† (Science JMHC)	Nan Kong (Engineering) Laia Vancells Lopez (Engineering) Shen Chang (Engineering)
Poster #1319 presented 4/14 @ 10:30-11:30am	Grayson Paul Radtke† (Engineering) Thatcher Michael Wise† (Engineering) Arthur Elliott Gabrilovich† (Engineering) Bhavya Sai Vemuri† (Engineering JMHC) Preethi Munipalle‡ (Engineering) Siddhant Vinay Belgaumkar‡ (Engineering) Anne Regina Piet* (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1321 presented 4/14 @ 10:30-11:30am	Nikhil K Raman† (Engineering)	Peter A Bermel (Engineering)
Poster #1322 presented 4/14 @ 10:30-11:30am	Eva E Refeld† (Agriculture Engineering) Perry William Reel† (Agriculture Engineering Liberal Arts) Sein Kim† (Science)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1323 presented 4/14 @ 10:30-11:30am	Joshua Jonathon Rhodes† (Engineering)	Ryan Michael Meister (Engineering)
Poster #1326 presented 4/14 @ 10:30-11:30am	Kaley Roe† (Engineering)	Thomas H Siegmund (Engineering)
Poster #1327 presented 4/14 @ 10:30-11:30am	Zachary Romps† (Engineering)	Timothy Francis Hein (Engineering)

Presentation	Students	Mentors
Poster #1329 presented 4/14 @ 10:30-11:30am	Katherine Grace Rumsey† (Engineering) Nikhil Rakesh Patel† (Engineering) Hannah Elizabeth Kobza† (Engineering) Kyle Burdick Frank† (Engineering) William Elliott Warden‡ (Engineering) Samarth Rastogi‡ (Engineering JMHC) Shidan Wan‡ (Engineering)	David E M Warsinger (Engineering) Eiman Musaid Alkhadhir (Engineering)
Poster #1331 presented 4/14 @ 10:30-11:30am	Carolyn Elizabeth Sams† (Agriculture Engineering) Lana Malek† (Agriculture Engineering) MiKayla Hennigh† (Science JMHC) Francesca Werner‡ (Science)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1333 presented 4/14 @ 10:30-11:30am	Varun M Senthil† (Engineering)	Matthew Peter Ward (Engineering) Damen Alec Wilson (Engineering HHS) Monique Nicole Watson (Engineering)
Poster #1337 presented 4/14 @ 10:30-11:30am	Gabriel Scott Shifflett† (Engineering) Habin Jang† (Agriculture Engineering) Ifeoluwa Ayodeji Fasan† (Science JMHC)	Arezoo Ardekani (Engineering) Elham Saberian (Engineering)
Poster #1341 presented 4/14 @ 10:30-11:30am	Evan Smida† (United States Military Academy West Point)	Carolyn Fiore (United States Military Academy West Point)
Poster #1344 presented 4/14 @ 10:30-11:30am	Christopher Robert Stemporzewski† (Engineering JMHC) Aran Thevar† (Engineering) Deborah Mercylin David† (Engineering) Madeline G Taylor‡ (Science) Peyton Mackenize Barton‡ (Engineering) Suhani Pothireddy‡ (Engineering) Ashton Christopher Hoff‡ (Engineering)	Alexey Shashurin (Engineering) Nicholas Vytautas Babusis (Engineering)
Poster #1345 presented 4/14 @ 10:30-11:30am	George Richard Stevens† (Engineering) Thomas Edgardo Schmitz* (Engineering JMHC)	Eduardo Barocio Vaca (Engineering)
Poster #1346 presented 4/14 @ 10:30-11:30am	Ian Strachan† (Engineering)	David F Bahr (Engineering) Jia-Huei Tien (Engineering)
Poster #1347 presented 4/14 @ 10:30-11:30am	Ariel Suarez† (Agriculture)	Nadezhda N Zyaykina (Engineering)
Poster #1348 presented 4/14 @ 10:30-11:30am	Abhaya Sundar† (Engineering)	Partha P Mukherjee (Engineering) Pooja Ranganathan (Engineering) Abhinanda Sengupta (Engineering)
Poster #1352 presented 4/14 @ 10:30-11:30am	Alexander Joshua Trump† (Agriculture) Matthew Westley‡ (Agriculture Engineering JMHC)	Eun Joong Oh (Agriculture) Fransheska Marie Semidey (Agriculture)
Poster #1353 presented 4/14 @ 10:30-11:30am	Iris I Tsai† (Engineering) Leonard Dominic Buss‡ (Engineering JMHC)	Allen L Garner (Engineering)
Poster #1355 presented 4/14 @ 10:30-11:30am	Chaitanya Nikhil Vikamsey† (Engineering) Kaisler Boyer† (Engineering) Eli Joseph Wilson Regan† (Engineering) Ronin Silva† (Engineering) Kevin James LeRoy† (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1356 presented 4/14 @ 10:30-11:30am	Nikolai Viswanath† (Engineering JMHC) Jai Anand Keskar† (Engineering) Alexander Michael Rizzi† (Engineering)	Akshath Raghav Ravikiran (Engineering)

Presentation	Students	Mentors
Poster #1357 presented 4/14 @ 10:30-11:30am	Antonia Vlahos [†] (Engineering) William Antonio Keyes [†] (Engineering JMHC) Paige M Leusink [†] (Engineering) Arman Islam [†] (Engineering) Preston Ming Cheng [†] (Engineering) Enze Chen [†] (Engineering) Po-Han Yang [†] (Engineering) Ting Chen Wu [†] (Engineering) Alexandre Wade Rosental [†] (Engineering)	Tyler N Tallman (Engineering)
Poster #1358 presented 4/14 @ 10:30-11:30am	Saran Nicole Wagner [†] (Engineering) Elijah Francis Guison-Dowdy [†] (Engineering) Michael Borokhov [†] (Engineering) Veronica Ruan-an Cheng [†] (Engineering) Jonathan Joseph Johnson [‡] (Engineering)	Jaeun Kim (Engineering)
Poster #1361 presented 4/14 @ 10:30-11:30am	Jasper Louis Wei [†] (Engineering) Marawan Sultan Mah Abdulsattar [†] (Engineering)	Peter A Bermel (Engineering)
Poster #1363 presented 4/14 @ 10:30-11:30am	Sirui Yang [†] (Engineering) Mohamed khaled Mohamed Atta [†] (Engineering)	Mark C Johnson (Engineering) Ayush Singh (Engineering) Anas Zyad Abughali (Engineering)
Poster #1365 presented 4/14 @ 10:30-11:30am	Elizabeth Thais Zakharov [†] (HHS) John Allen Hollander [†] (Science) Tina He Leit [†] (Science) Sahana Srinivasan [†] (Agriculture JMHC) Andrew Jungo Kang [‡] (Science) Nicholas Joseph Castellana [‡] (Engineering) Carolyn Jia [‡] (Agriculture JMHC) Karthik Varigonda* (Science JMHC) Shreya Krishnan* (Engineering)	Alexander Thomas Braught (Science JMHC)
Poster #1367 presented 4/14 @ 10:30-11:30am	Amanda Zheng [†] (Engineering)	Mark C Johnson (Engineering) Seyedehmarzieh Rouhani (Engineering) Cole Aaron Nelson (Engineering)
Poster #1402 presented 4/14 @ 12:00-1:00pm	Rebecca Anne Agustin Ang [†] (Engineering JMHC) Paige Katherine Hackleman* (Engineering) Marissa Ann Capelli* (Engineering) Brock Elliot Rosenberger* (Engineering) Denver Anderson Bush* (Engineering)	Luz Sotelo (Engineering)
Poster #1404 presented 4/14 @ 12:00-1:00pm	Alex Jameson Appiah [†] (Engineering) Owen Charles Hastings [†] (Engineering JMHC) Rohan Ashish Shrowty* (Engineering)	David E M Warsinger (Engineering) Mateo Roldan Carvajal (Engineering)
Poster #1407 presented 4/14 @ 12:00-1:00pm	Sofia Vera Baloski [†] (Science JMHC) Maarthvick Rao Veligandla [†] (Science) Adarsh Maheswaran [†] (HHS JMHC) Muhammad Mustafa Hasan [†] (Science JMHC) Audrey Paige Hudock [‡] (Science) Catherine Deng [‡] (Science) Parvesh Venugopallavanya [‡] (Agriculture) Joseph Wu [‡] (HHS)	Leopold Noel Green (Engineering)
Poster #1410 presented 4/14 @ 12:00-1:00pm	Andrew Doru Bogdan [†] (Engineering) Francis P Hasin [†] (Engineering) Eeshan Pratik Desai [†] (Engineering)	Seyedehmarzieh Rouhani (Engineering) Mark C Johnson (Engineering)
Poster #1411 presented 4/14 @ 12:00-1:00pm	Kai Broben Fassino [†] (Engineering) Ashton Gligich [†] (Engineering)	John William Rolfe (Engineering)
Poster #1417 presented 4/14 @ 12:00-1:00pm	Emmanuel Isaac Chang [†] (Engineering)	Ayush Singh (Engineering) Anas Zyad Abughali (Engineering)

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

Presentation	Students	Mentors
Poster #1418 presented 4/14 @ 12:00-1:00pm	Pratyush Chettri† (Engineering JMHC)	Krutarth Kiran Kamath (Engineering) Babak Anasori (Engineering)
Poster #1419 presented 4/14 @ 12:00-1:00pm	Alexandria Grace Chrusciel† (Science JMHC)	Pragathi Jha (Engineering) Jason Reinhardt (PWL)
Poster #1421 presented 4/14 @ 12:00-1:00pm	Effie Cobbett† (Engineering) Samuel Aaron Brodsky† (Engineering) Gabrielle Vonder Embse‡ (Science) Preston Ming Cheng‡ (Engineering)	Samantha Elizabeth LeGrand (Libraries)
Poster #1428 presented 4/14 @ 12:00-1:00pm	Asavari Deshmukh† (Engineering) Shresth Mathur† (Engineering) Aiden Hughes Sexton† (Engineering)	Mark C Johnson (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Fan Jing Hoon (Engineering)
Poster #1432 presented 4/14 @ 12:00-1:00pm	Emma Foster† (Agriculture Engineering Pharmacy JMHC) Jose Luis Melendez† (Agriculture Engineering)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1433 presented 4/14 @ 12:00-1:00pm	Marisa Jean Fredrickson† (Engineering)	Abhishek Subedi (Engineering) Nikkhil Vijaya Sankar (Engineering) Mohammad Reza Jahanshahi (Engineering)
Poster #1434 presented 4/14 @ 12:00-1:00pm	Carly Melissa Frith† (Engineering Liberal Arts) Wei-Yun Liu† (Engineering) Julian Vincent Netherwood‡ (Engineering) Lucas Soldano‡ (Engineering) Niousha Pajouyan‡ (Engineering) Owen Jacob Lee‡ (Engineering) Prithika Rashmi Gopal‡ (Engineering) Rhys Marie Shilling‡ (Engineering) Sahitya Shivany Satish Kumar‡ (Engineering) Nathan James Arnold* (Engineering) Victor Ionut Ene* (Engineering) Parth Kailash Dubal* (Engineering)	James Michael Goppert (Engineering) Nicole Adams (Centers & Institutes)
Poster #1436 presented 4/14 @ 12:00-1:00pm	Eann M Gatuna† (DSB) Micah A Macias† (DSB)	Steven R Dunlop (DSB) Chun-Kang Huang (Engineering)
Poster #1437 presented 4/14 @ 12:00-1:00pm	Mikhail Golovenchits† (Engineering) Sahil Dhruvan Patel† (Engineering) Shaunak Manish Sarlashkar† (Engineering) James Robert Erwin† (Engineering JMHC) Aditya Hegde† (Engineering) Vihaan Reddy Chinthakindi* (Engineering) Heng-I Chu* (Engineering)	Timothy Francis Hein (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Mark C Johnson (Engineering)
Poster #1438 presented 4/14 @ 12:00-1:00pm	Ram Goyal† (Engineering) Paul Spitz* (Engineering)	Jhoan Andres Ruiz Velasquez (Engineering) Rakesh Agrawal (Engineering)
Poster #1441 presented 4/14 @ 12:00-1:00pm	Yonathan Gur† (Engineering)	Peter A Bermel (Engineering) Muhammad A Alam (Engineering)
Poster #1450 presented 4/14 @ 12:00-1:00pm	Patricia Hung† (Engineering)	Matthew Peter Ward (Engineering) Damen Alec Wilson (Engineering HHS) Monique Nicole Watson (Engineering)
Poster #1452 presented 4/14 @ 12:00-1:00pm	Anna Leigh Huston† (HHS)	Arianna Nicole LaCroix (HHS) Nathan W Hartman (Polytechnic) Sandy A Snyder (HHS) Emily Lynn Bauman (HHS) Bradley S Duerstock (Engineering)
Poster #1455 presented 4/14 @ 12:00-1:00pm	Vandana Dhriti Iyer† (Engineering) Julia Madison Dolpies† (DSB)	Peter A Bermel (Engineering)

Presentation	Students	Mentors
Poster #1459 presented 4/14 @ 12:00-1:00pm	Zhengyi Jiang [†] (Science)	Jason Wade Morphew (Engineering) Junior Anthony Bennett (Engineering) Ako Abane Tabe (Engineering)
Poster #1461 presented 4/14 @ 12:00-1:00pm	Aiden Thomas Jones [†] (Engineering JMHC)	Pritam Ghoshal (Engineering)
Poster #1463 presented 4/14 @ 12:00-1:00pm	Gunvanth Reddy Kandula [†] (Science JMHC) Hyeonwoo Heo [†] (Engineering) Milo Li Reed [†] (Engineering) Soham Rattan [†] (Engineering) Adrian Pathupally Mathew [†] (Science)	James C Davis (Engineering)
Poster #1465 presented 4/14 @ 12:00-1:00pm	Aditya Kapoor [†] (Engineering) David Lu [†] (Polytechnic) Shriya Shukla [‡] (Engineering) Evelyn Addison Graham [‡] (HHS)	Samantha Elizabeth LeGrand (Libraries)
Poster #1468 presented 4/14 @ 12:00-1:00pm	Seokjae Kim [†] (Engineering) Evanjaline Sherl Sahaya Rajesh Durai [†] (Engineering JMHC) Hsin-Yu Tsern [†] (Engineering)	Timothy Francis Hein (Engineering)
Poster #1473 presented 4/14 @ 12:00-1:00pm	Soonjae Kwon [†] (Science) Noah Lee Timonera Federovitch [†] (Engineering)	David Michael Barbarash (Agriculture)
Poster #1476 presented 4/14 @ 12:00-1:00pm	Ana Sofia Leiva Aldana [†] (Agriculture Engineering) Simone Xin Moulton [‡] (Engineering JMHC)	D. Marshall Porterfield (Agriculture Engineering)
Poster #1477 presented 4/14 @ 12:00-1:00pm	Stephanie Leon [†] (Engineering JMHC)	Melissa A Dyehouse (Engineering) Hannah Kim (Engineering)
Poster #1483 presented 4/14 @ 12:00-1:00pm	Lindsey Lingxi Liu [†] (Engineering) Shravan Pradeep [†] (Engineering) Huijie Loy [‡] (Engineering) Yan-Jun Lin* (Engineering) Pei-Chi Liu* (Engineering) Andrew Song* (Engineering)	Qi Guo (Engineering)
Poster #1486 presented 4/14 @ 12:00-1:00pm	Carlie Ann Lukowiak [†] (Agriculture Engineering) Bailey Elizabeth Freese [†] (Agriculture Engineering) Natalie George Khazal [†] (Agriculture Engineering JMHC) Annalise Irene Coyne [†] (Agriculture Engineering JMHC)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1487 presented 4/14 @ 12:00-1:00pm	Edwin Gibrant Diaz Maldonado [†] (Science)	Shih-Chun Kao (HHS) Guilherme Basso (Engineering) Shiuan-Huei Lu (HHS)
Poster #1495 presented 4/14 @ 12:00-1:00pm	Alexander Lucian Molotiu [†] (Engineering JMHC) Sydney Noel Ochs [†] (Engineering JMHC)	Kolawole Emmanuel Adesina (HHS)
Poster #1496 presented 4/14 @ 12:00-1:00pm	Ananya Molugu [†] (Engineering) Patrick Ding [†] (Science) Ovi Bhagwat [†] (Polytechnic)	Ziwei Ding (Science) Danny Milisavljevic (Science)
Poster #1500 presented 4/14 @ 12:00-1:00pm	Allison Margaret Neff [†] (DSB) Byron Qi [†] (Science) mayank Agarwal [†] (Engineering) Parth Kapila [†] (Polytechnic) Rhea Rajendra [‡] (Science)	Davi Cordeiro Moreira (DSB)

Presentation	Students	Mentors
Poster #1503 presented 4/14 @ 12:00-1:00pm	Yubeen Oh† (Engineering) Logan Michael Fossum† (Engineering) Akhilesh Tuttagunta† (Engineering) Zhuoyuan Li† (Polytechnic)	Soudabeh Taghian Dinani (Engineering)
Poster #1504 presented 4/14 @ 12:00-1:00pm	Ali Ayman Moha Omar† (Engineering) Zeyad Mohamed Al Elshafey† (Engineering) Abdulrahman Mohamed Abougendia† (Engineering) Salaheldin Elsayed Ibrahim AbdelMoaty† (Engineering)	John William Rolfe (Engineering) Shreyas Sundaram (Engineering)
Poster #1505 presented 4/14 @ 12:00-1:00pm	Sim Seyha Ou† (Engineering)	Weijing Sebastian Chen (Engineering) Mark C Johnson (Engineering)
Poster #1506 presented 4/14 @ 12:00-1:00pm	Jaser Ahmed Pallikonda Latheef† (HHS) Amogh Shrivastava‡ (Engineering) Pratik Guha‡ (Liberal Arts Polytechnic) Khang Tran Uyen Nguyen‡ (DSB Polytechnic)	Samantha Elizabeth LeGrand (Libraries)
Poster #1509 presented 4/14 @ 12:00-1:00pm	Evan Clark Paull† (Engineering JMHC) Nathan Lee† (Engineering) Akash Bethur† (Engineering) Nathan John Champley‡ (Engineering) Sloan Bennett McDonald‡ (Engineering)	Paulo Ramirez (Engineering) Travis James Hastreiter (Engineering)
Poster #1510 presented 4/14 @ 12:00-1:00pm	Vahin Pichairaj† (Engineering) Marcia Febriana Kusumah† (DSB Science) Yashita Rama Pujari‡ (PWL)	Jessica Renee Collier (Liberal Arts)
Poster #1514 presented 4/14 @ 12:00-1:00pm	Rishi Vineeth Poduval† (Science) Navya Singh† (Science) Tuan Minh Pham† (Science)	Yupeng Zhuo (Engineering) Md Masudur Rahman (Engineering) Juan P Wachs (Engineering)
Poster #1518 presented 4/14 @ 12:00-1:00pm	Emily Lucille Richardson† (Engineering JMHC)	Jeffrey Edward Dick (Science) James Hoang Nguyen (Science)
Poster #1519 presented 4/14 @ 12:00-1:00pm	Alyssa Sarah Rizzardo† (Engineering)	Haozhe Zheng (Engineering) Zhi Zhou (Engineering)
Poster #1524 presented 4/14 @ 12:00-1:00pm	Jonathan Samuel Ryan† (Engineering)	Justin A Weibel (Engineering) Liang Pan (Engineering) Shubhra Bansal (Engineering)
Poster #1526 presented 4/14 @ 12:00-1:00pm	Madeeha Sadiq† (DSB) Skylar Marie Eberle† (DSB) Abigail Margaret Nieu Kirk† (DSB JMHC) Ashley Zachor† (DSB) William Anthony White‡ (DSB Engineering)	Adrian Hoffert Wolanski (DSB)
Poster #1528 presented 4/14 @ 12:00-1:00pm	Samin Sanjana† (Engineering) Nelson You‡ (Science)	Greg M Michalski (Science)
Poster #1529 presented 4/14 @ 12:00-1:00pm	Aakash Sanjay† (Engineering) Sanika Sudhir Banet† (Engineering) Andrew Jonathan Savysky† (Engineering) Nikitha S Kambi† (Engineering) Rhea Rakhra† (Engineering)	Elham Saberian (Engineering) Ryan B Wagner (Engineering) Arezoo Ardekani (Engineering) David Perez Herrera (Science)
Poster #1530 presented 4/14 @ 12:00-1:00pm	Neelesh Sarathy† (Science)	Konstantina Gkritza (Agriculture Engineering) Bruno cesar Krause moras (Engineering)
Poster #1531 presented 4/14 @ 12:00-1:00pm	Yutika Vasudeo Sawant† (Science JMHC)	Juan Sebastian Alban Dominguez (Engineering) Rakesh Agrawal (Engineering)
Poster #1533 presented 4/14 @ 12:00-1:00pm	Francisco Sebastiano† (Engineering)	Linda E Haynes (Liberal Arts)

Presentation	Students	Mentors
Poster #1535 presented 4/14 @ 12:00-1:00pm	Ellis Reuben Selznick† (Engineering) Ji Bing Ni† (Science) Asvin Sivathanu† (Science JMHC) Hosung Ryu† (Science) Paul Thomas Bay Rickert† (Science JMHC) Neel Bhavesh Patel‡ (Science)	James G Ogg (Science) Aaron C Ault (Engineering)
Poster #1536 presented 4/14 @ 12:00-1:00pm	Yeeun Shin† (Engineering)	Jessica M Mercado (Liberal Arts)
Poster #1537 presented 4/14 @ 12:00-1:00pm	Farah Hazim Moha Shohatee† (Science JMHC)	Anne B Sereno (Engineering HHS) Elizabeth Mae Frazier Edwards (Engineering)
Poster #1543 presented 4/14 @ 12:00-1:00pm	Jake Salvatore Stateman† (Engineering JMHC)	Linda E Haynes (Liberal Arts)
Poster #1545 presented 4/14 @ 12:00-1:00pm	Shruti Subramanian† (Engineering)	Merel van 't Hoff (Science)
Poster #1550 presented 4/14 @ 12:00-1:00pm	Sunny Townsend† (Engineering) Nicholas Paul Santorelli† (Engineering)	Peter A Bermel (Engineering)
Poster #1551 presented 4/14 @ 12:00-1:00pm	Quinn Robert Traas† (Engineering) Gabriel Duarte Rengifo† (Engineering) Henry David Pham† (Engineering)	Jaeun Kim (Engineering)
Poster #1555 presented 4/14 @ 12:00-1:00pm	Nikhil Kishore Vaidyanath† (Engineering) Nicha Muninnimit† (Engineering) Don Anh Nguyen† (Engineering) Seongjoong Yim* (Engineering) Myles Joshua Pristin Querimit* (Engineering) Mixuan Pan* (Engineering)	Malcolm Lloyd Seib McClymont (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Mark C Johnson (Engineering)
Poster #1556 presented 4/14 @ 12:00-1:00pm	Steven James Van Hulle† (Science) Joshua John Beigel† (DSB) Jacob Charles Long† (Engineering) Margulan Mukhametkarim† (Engineering) William David Bridgnell† (Engineering) Alexander Michael Gansler‡ (Engineering JMHC) Alexander T Valdes‡ (Engineering) Andrew Joseph Shelley‡ (Polytechnic)	Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering) Reed Joseph Freer (Engineering)
Poster #1559 presented 4/14 @ 12:00-1:00pm	Julian Vuong† (Engineering) Joshua Paik‡ (Science)	Shubh Parag Mehta (Engineering) Craig J Goergen (Engineering) Benjamin Landis (Indiana University)
Poster #1560 presented 4/14 @ 12:00-1:00pm	Solomon Francis Wakint† (Science) Elian David Coyotl Garcia† (Science) Devikaa Prashant Thakker† (Science) Hana Yang† (Engineering)	Danny Milisavljevic (Science) David Alan Ruitter (Science) Andreas Jung (Science)
Poster #1561 presented 4/14 @ 12:00-1:00pm	Jacob Thomas Walter† (Engineering JMHC) Mayank Patibandla† (Engineering JMHC) Vedant Sharma† (Engineering) Julio Hernandez† (Engineering) Esharaqa Afreeen Jahid† (Engineering) Akhil G Yada† (Engineering) Adam Nabil Ghalayini† (Engineering) Brian Zhuang‡ (Engineering)	Sooraj Chetput Venkataraghavan (Engineering) Fan Jing Hoon (Engineering)
Poster #1563 presented 4/14 @ 12:00-1:00pm	Daniel Wang† (Engineering) Jeremy Jingrui Mao† (Engineering) Mridulla Ganesh† (Engineering)	Rishikesh Reddy Bathina (Engineering)
Poster #1566 presented 4/14 @ 12:00-1:00pm	Ya-Ting Wu† (Engineering)	Deepak Suthar (Engineering) Jayesh Satish Shivtarkar (Engineering)
Poster #1569 presented 4/14 @ 12:00-1:00pm	Seung Won You† (Engineering)	Timothy Francis Hein (Engineering)

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

Presentation	Students	Mentors
Poster #1570 presented 4/14 @ 12:00-1:00pm	Yuan Heidi Yue† (HHS Science JMHC)	Julie C Liu (Engineering) Marisa Ann Egan (Engineering)
Poster #1600 presented 4/14 @ 1:30-2:30pm	Priya Adiga† (Engineering JMHC) Emiliano Javier Gomez† (Engineering) Paul Shannon Slack† (Engineering JMHC) Connor Bradley Frey† (Science)	Dimitrios Peroulis (PWL)
Poster #1601 presented 4/14 @ 1:30-2:30pm	Paridhi Agarwal† (Engineering)	Dharmendra Saraswat (Agriculture Engineering) Martin R Okos (Agriculture Engineering)
Poster #1603 presented 4/14 @ 1:30-2:30pm	Srivalli Akella† (Engineering)	Vijay Gupta (Engineering)
Poster #1604 presented 4/14 @ 1:30-2:30pm	Abdullah Alkazemi† (Engineering) Anh Phuong Ho† (Engineering) Eliana Elise Roeder† (Engineering) Arav Prasanna Ginde† (DSB) Reese Jarl Jungblut† (Engineering) Brogan John-Michael Holt† (DSB JMHC) Pranjal Bhatia† (Engineering) Parth Dama‡ (DSB) Maya R Labonte‡ (Engineering) Ethan Liu‡ (DSB) Sullivan Kelly Mills‡ (DSB) Chanyoung Moon‡ (Agriculture) Kyllyne Kuo‡ (DSB) Elliott Benjamin Rudy‡ (Polytechnic)	John W Sheffield (Polytechnic)
Poster #1605 presented 4/14 @ 1:30-2:30pm	Mohit Sachin Ambe† (Science)	Nikkhil Vijaya Sankar (Engineering) Mohammad Reza Jahanshahi (Engineering)
Poster #1611 presented 4/14 @ 1:30-2:30pm	Garv Atri† (Liberal Arts Science)	Linlin Li (Engineering) FNU Nilay Kumar (Engineering)
Poster #1612 presented 4/14 @ 1:30-2:30pm	Olivia Eugenia Avalos Villar† (Engineering) Madeline G Taylor‡ (Science)	Nicholas Vytautas Babusis (Engineering) Alexey Shashurin (Engineering)
Poster #1615 presented 4/14 @ 1:30-2:30pm	Daisy C Barrett† (Engineering)	Linda E Haynes (Liberal Arts)
Poster #1618 presented 4/14 @ 1:30-2:30pm	Leonard Dominic Buss† (Engineering JMHC) Iris I Tsai‡ (Engineering)	Allen L Garner (Engineering) Samera Hossain (Engineering)
Poster #1620 presented 4/14 @ 1:30-2:30pm	Nathaniel Aaron Casabart (Engineering JMHC) Alexa Naranjo† (Engineering JMHC) Yashvi Agrawal† (Engineering JMHC) Vanshi Topiwala† (HHS JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1621 presented 4/14 @ 1:30-2:30pm	Aditya Chandra† (Engineering) Daniel Paul Wunderlich† (Engineering) Thet Naing Soe† (Engineering Science) Jack Spenser Zimmermant† (Engineering)	Cole Aaron Nelson (Engineering) William Rowan Cunningham (Engineering)
Poster #1622 presented 4/14 @ 1:30-2:30pm	Pranavie Chandrakumar† (Science JMHC)	Jianghui Liu (Engineering) Brian Harold Magnuson (Engineering)
Poster #1623 presented 4/14 @ 1:30-2:30pm	Yuan Chi Chang† (Engineering) Abhishek Bandaru† (Science) Chun-Yu She† (Engineering) Jae Man Yim† (Science) Subin Chatterjee‡ (Science)	David Michael Barbarash (Agriculture)

Presentation	Students	Mentors
Poster #1626 presented 4/14 @ 1:30-2:30pm	Yewon Choi† (Polytechnic) Ojas Chaturvedi‡ (Science JMHC) Julia Kang‡ (Science) Suhani Yadav‡ (Science JMHC) Justin Zhao‡ (Science) Julian Vuong‡ (Engineering)	Shubh Parag Mehta (Engineering) Craig J Goergen (Engineering) Benjamin Landis (Indiana University)
Poster #1627 presented 4/14 @ 1:30-2:30pm	Alexander Thomas Chrzanowski† (Science JMHC) Faisal Alsayyari† (Science) Pratham Jigneshbha Patel† (Science) Sebastian Sea-Tian Ting† (Science)	Joseph Gerard Makin (Engineering)
Poster #1630 presented 4/14 @ 1:30-2:30pm	Aahana Dahiya† (Engineering) Simarleen Kaur† (Engineering) Khue Ngoc Minh Pham† (Science) Donald Alexander Weintz* (Engineering) Divyansh Pramanick* (Science) Nived Ambadipudi* (Engineering)	Siddeshwar Raghavan (Engineering) Carla B Zoltowski (Engineering)
Poster #1631 presented 4/14 @ 1:30-2:30pm	Lakshmi S Darapureddy† (Engineering)	Denny Yu (Engineering) Peiran Liu (Engineering)
Poster #1633 presented 4/14 @ 1:30-2:30pm	Jonathan D DeSimone† (Engineering) Andrew Thomas Casparius† (Engineering) Sujay Ketan Shah† (Engineering JMHC) David Edward Jakel† (Engineering) Bhavjot Singh Grover‡ (Engineering) Manas Umangkumar Doshi‡ (Engineering) Rian L Healy‡ (Engineering JMHC) Muhammad Rifqi Priatama Sambodo‡ (Engineering) Khaleel Ibrahim Hassan‡ (Engineering) Abdullah Alkazemi‡ (Engineering)	Sandra Patricia Cordoba Renteria (Engineering) David E M Warsinger (Engineering)
Poster #1637 presented 4/14 @ 1:30-2:30pm	Kai Ze Ee† (Engineering) Zach Anthony Barna† (Engineering) Seth Thomas McConkey† (Engineering JMHC) Yash Singh† (Engineering) Daniel EnYi Yang† (Engineering) Cecilie Zhang† (Engineering)	Fan Jing Hoon (Engineering) Sooraj Chetput Venkataraghavan (Engineering)
Poster #1639 presented 4/14 @ 1:30-2:30pm	Junchi Feng† (Science)	Tongcang Li (Engineering Science)
Poster #1641 presented 4/14 @ 1:30-2:30pm	Mahimasai Gajawada† (Engineering) Hyunchae Kim† (Engineering)	Cole Aaron Nelson (Engineering)
Poster #1642 presented 4/14 @ 1:30-2:30pm	Hetasri Galla† (Science) Farah Elbohofy† (Engineering) Jia Nikhil Mody† (Engineering) Paul Doherty Stanecki† (Engineering) Lilia Stanton† (Engineering) Abhinand Shibu† (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1643 presented 4/14 @ 1:30-2:30pm	John Oliver Richard Gase† (Agriculture) Noah Matthew Winebrenner† (Engineering)	Kanduluru Ananda (Science)
Poster #1645 presented 4/14 @ 1:30-2:30pm	Omkar Ghodke† (Engineering) Kshitij Miraj Shah† (Engineering) Jovan Kim† (Engineering) Steven Li† (Engineering JMHC)	Rishikesh Reddy Bathina (Engineering)
Poster #1647 presented 4/14 @ 1:30-2:30pm	Paola Godina Salas† (DSB Liberal Arts) Jessica Marie Bober† (Engineering) Thendral Kamal† (Engineering)	Tyler Girard (Liberal Arts)

Presentation	Students	Mentors
Poster #1648 presented 4/14 @ 1:30-2:30pm	Colton Gomoll† (Engineering)	Harold Kory Cooper (Liberal Arts)
Poster #1651 presented 4/14 @ 1:30-2:30pm	Thomas Allen Greer† (Engineering) Erik Kocinare† (Engineering) Chao Min Chung† (Engineering) Emma Lynn Stump‡ (Engineering) Mohamed Mostafa Hassan‡ (Engineering)	Seyedehmarzieh Rouhani (Engineering) Mark C Johnson (Engineering)
Poster #1652 presented 4/14 @ 1:30-2:30pm	Kathryn Suzanne Gribben† (Agriculture Engineering) Natalia Brynn Gaffney† (Agriculture Engineering) Nadia Helen Whalen† (Agriculture Engineering) Phoebe G Smock† (Agriculture Engineering)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1653 presented 4/14 @ 1:30-2:30pm	Vedansh Gupta† (Engineering) Matthew Manuel† (Engineering) Ryan Patrick Cochran† (Engineering) Netra Rameshbabu† (Engineering) Bui Tu Uyen Nguyen† (Engineering) Parth Yadav† (Engineering)	Jaeeun Kim (Engineering)
Poster #1656 presented 4/14 @ 1:30-2:30pm	Mohamed Mostafa Hassan† (Engineering) Emma Lynn Stump† (Engineering) Thomas Allen Greer‡ (Engineering) Erik Kocinare‡ (Engineering) Chao Min Chung‡ (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Poster #1657 presented 4/14 @ 1:30-2:30pm	Bridget Rosemary Heffernan† (Engineering) Dhruvi Syamala Ivaturi† (Engineering) Joyce Chen† (Engineering)	Enze Zhao (Engineering) Ray Li (Engineering JMHC)
Poster #1660 presented 4/14 @ 1:30-2:30pm	Katie Luo Hong† (Agriculture) Aidan Benjamin Feirstein‡ (Liberal Arts Science JMHC) Abigail Rose Malott* (Agriculture Liberal Arts JMHC) Sierra Hunnicutt* (Science JMHC) Alexandra Grace Early* (Agriculture) Lourdes Gabrielle Ferrer-Ortiz* (Agriculture JMHC) Lukas Benjamin Kraft* (Agriculture Engineering JMHC) Antonia Christina Alexiou* (Science JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1663 presented 4/14 @ 1:30-2:30pm	Safa Islam† (Engineering) Eain Drae Oot† (Engineering JMHC)	Seyedehmarzieh Rouhani (Engineering)
Poster #1664 presented 4/14 @ 1:30-2:30pm	Behruz Izbaev† (Science)	James G Ogg (Science) Aaron C Ault (Engineering)
Poster #1665 presented 4/14 @ 1:30-2:30pm	Krish Jain† (Science) Mrigna Goel† (Science)	Yuxiang Peng (Science) Guang Lin (Engineering Science) Yu-Hsuan Wu (Science)
Poster #1666 presented 4/14 @ 1:30-2:30pm	Kartik Neetesh Jairam† (Engineering) Phuc Gia Do† (Engineering) Augustus Corle Gillespie† (Engineering) Nguyen Tuan Kiet Vu† (Engineering) Shalin Sinha‡ (Engineering) Matthew Roxas* (Engineering)	Aparajita Jaiswal (Engineering) Austin J Toro (Engineering)
Poster #1667 presented 4/14 @ 1:30-2:30pm	Lillian Ji† (Engineering) Joanna Yuping Wu† (Engineering)	James Michael Goppert (Engineering)

Presentation	Students	Mentors
Poster #1668 presented 4/14 @ 1:30-2:30pm	Yuxin Jiang† (Engineering) Kean Tian† (Engineering) Yu-Hsien Liu† (Engineering Science) Wey Ee Lau† (Engineering) Marcus Macapodi Douge‡ (Engineering) Arnav Vikrant Bawankule‡ (Science)	Steven R Dunlop (DSB) Harshavi P Birla (Engineering)
Poster #1669 presented 4/14 @ 1:30-2:30pm	Bailey Marie Jones† (Engineering Liberal Arts) Samir Mehra† (Engineering) Christopher Robert Stemporzewski† (Engineering JMHC) Milo Li Reed† (Engineering) Madeline G Taylor‡ (Science)	Nicholas Vytautas Babusis (Engineering) Alexey Shashurin (Engineering)
Poster #1673 presented 4/14 @ 1:30-2:30pm	Griffin Xander Kanzeg† (Engineering) Benjamin Tianming Sun† (Engineering) Marco Alexander Wilson† (Engineering) Suraj Ketan Patel† (DSB)	Samuel Labi (Engineering) Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering) Reed Joseph Freer (Engineering)
Poster #1678 presented 4/14 @ 1:30-2:30pm	Shreya Krishnan† (Engineering) Shivum Alok Nijhawan† (Engineering) Alyssa Wan† (Engineering) Ian Kwan Yin Lam‡ (Science) Ongshu Dutta‡ (Engineering) Ava Seto‡ (Engineering) Ethan C Li‡ (Engineering) Dhruti Syamala Ivaturi‡ (Engineering) Shushil S Rao‡ (Engineering) Diego Alejandro Hernandez Acosta† (Engineering) Sounish Ghosh‡ (Engineering) Varun M Senthil‡ (Engineering) Twinkal Barai‡ (Engineering)	Aaron Edward Lottes (Engineering)
Poster #1679 presented 4/14 @ 1:30-2:30pm	Juneseok Kwon† (Engineering)	Timothy Francis Hein (Engineering)
Poster #1682 presented 4/14 @ 1:30-2:30pm	Caleb Eunho Lee† (Science) Sudhanva Anand Deshpande† (Engineering)	Guang Lin (Engineering Science) Amirhossein Mollaali (Engineering)
Poster #1683 presented 4/14 @ 1:30-2:30pm	Jungwoon Lee† (Polytechnic) Nathan Jaekun Lee† (Engineering) Conrad Bogdan Chlipalski† (Engineering JMHC) Jackson Martin Gross† (Engineering)	John William Rolfe (Engineering) James P Wadhvani (Engineering) Gabriel Alan Scott (Engineering)
Poster #1684 presented 4/14 @ 1:30-2:30pm	Sangjin Lee† (Engineering) Thet Naing Soe† (Engineering Science) Aadi Hsien-Lin Wu† (Engineering) Elliott Kaito Sato† (Engineering)	Ben Arie Tanay (Engineering)
Poster #1687 presented 4/14 @ 1:30-2:30pm	Richard Lin† (Engineering) Shrey Parikh† (Engineering) Anuj Krish Nair† (Science)	David Michael Barbarash (Agriculture)
Poster #1688 presented 4/14 @ 1:30-2:30pm	Ying-Wei Lin† (Engineering) Kevin Yu† (Engineering) Qiming Chai† (Engineering) Tim Jacques van Antwerp† (Engineering)	Peter A Bermel (Engineering) Saeed Mohammadi (Engineering)
Poster #1690 presented 4/14 @ 1:30-2:30pm	Yoshita Mahesh† (Engineering) Andy Hanjun Hu† (Engineering) Arina Harlanovich† (Engineering)	Fan Jing Hoon (Engineering) Sooraj Chetput Venkataraghavan (Engineering)
Poster #1692 presented 4/14 @ 1:30-2:30pm	Cristian Andres Martinez† (Engineering)	Ayush Singh (Engineering)

Presentation	Students	Mentors
Poster #1697 presented 4/14 @ 1:30-2:30pm	Moe Wai Yan Myint [†] (Engineering) Niels van Ritbergen [†] (Engineering) Blake Alexander Andrews [†] (Engineering)	Timothy Francis Hein (Engineering) Mark C Johnson (Engineering)
Poster #1701 presented 4/14 @ 1:30-2:30pm	Cadance William Lucas Ormsby [†] (Science JMHC) John Cheng Yu Chang [‡] (Engineering) Gino Christian Daniels [‡] (Science)	Andreas Jung (Science) Caden Max Glenn (Science)
Poster #1703 presented 4/14 @ 1:30-2:30pm	Noah Wells Painter [†] (Engineering) Grace Neve Valdez [†] (Engineering) Evelyn L Young [†] (Engineering) Qiwen Fu [†] (Engineering Liberal Arts) Paige Alicia Greenfield [‡] (Engineering) Keller Maher [‡] (Engineering JMHC) Marius Nils Christian Albrechtsen [‡] (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1705 presented 4/14 @ 1:30-2:30pm	Ari Jayin Pathak [†] (Science) Emma Yingxue Jiang [†] (Science) Anika Ghosh Maji [†] (Science) Rohan Baste-Bania [†] (Science) Ian Kwan Yin Lam [‡] (Science) Paras Sandeep Punater [‡] (Science JMHC) Seo Young Lee [‡] (HHS) Leena Avani Karmarkar [‡] (Engineering) Zixuan Xu [‡] (Engineering) Karthik Varigonda* (Science JMHC) Shreya Krishnan* (Engineering) Cayden Yang* (Science)	Pete E Pascuzzi (Libraries)
Poster #1706 presented 4/14 @ 1:30-2:30pm	Cameron Thomas Patt [†] (Engineering) Vladimir D Bondar [†] (Engineering) Amogh Shivanand Havanagi [†] (Engineering)	Timothy Francis Hein (Engineering) Mark C Johnson (Engineering)
Poster #1707 presented 4/14 @ 1:30-2:30pm	Preston Daniel Perkins [†] (Engineering) Eshan Mathur [†] (Engineering) Aditi Sheela Akella [†] (Engineering)	Cole Aaron Nelson (Engineering) Mark C Johnson (Engineering)
Poster #1708 presented 4/14 @ 1:30-2:30pm	Gia Phong Phuong [†] (Engineering)	Zhi Zhou (Engineering)
Poster #1709 presented 4/14 @ 1:30-2:30pm	Paresh Pobbati [†] (Engineering) Andrew Ryan Davidson [†] (Science JMHC) Kush Aklank Kodiya [†] (Science) Basant Sharma [†] (Science JMHC)	Reed Joseph Freer (Engineering) Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering)
Poster #1711 presented 4/14 @ 1:30-2:30pm	Samridh Prabhakar [†] (Engineering) Brendan V Espinola [†] (Engineering) Robert Maxwell Neitzke [†] (Engineering) Benjamin Eunsang Ryu [†] (Engineering) Laksh Nagpal [‡] (Engineering)	Joerg Appenzeller (Engineering) Zhihong Chen (Engineering)
Poster #1712 presented 4/14 @ 1:30-2:30pm	Vaishnavi Purram [†] (Engineering JMHC) Sicheng He [†] (Science) Omkar Ghodke [†] (Engineering) Paul Aiden Williams [†] (Engineering)	Jainil Dharmil Shah (Engineering) Zhihong Chen (Engineering)
Poster #1714 presented 4/14 @ 1:30-2:30pm	Elana Simone Rhoget [†] (Engineering)	Arezoo Ardekani (Engineering) Pranshul Sardana (Engineering)
Poster #1715 presented 4/14 @ 1:30-2:30pm	Lesley Aneliz Rodriguez [†] (Engineering) Mi-Hsueh Wu [†] (Engineering) Anas Eyad Rafei [†] (Engineering)	Brett A Meyers (Centers & Institutes) Pranjal Anand (Engineering)
Poster #1716 presented 4/14 @ 1:30-2:30pm	Dewang Sahay [†] (Engineering) Kabir Jain [†] (Science)	Danny Milisavljevic (Science) Ziwei Ding (Science)

Presentation	Students	Mentors
Poster #1719 presented 4/14 @ 1:30-2:30pm	Amelia Betrond Schriver† (Engineering)	Luz Sotelo (Engineering)
Poster #1721 presented 4/14 @ 1:30-2:30pm	Katelyn Krishan Shah† (Engineering) Randolph Nathan Ha† (Engineering JMHC) Aniketh Bhaskar Bandi† (Engineering JMHC) John Edward Mangas† (Engineering JMHC) Yun-Hsuan Chiu† (Engineering)	Mark C Johnson (Engineering) William Rowan Cunningham (Engineering)
Poster #1724 presented 4/14 @ 1:30-2:30pm	Rohan Ashish Shrowty† (Engineering)	David E M Warsinger (Engineering) Mateo Roldan Carvajal (Engineering)
Poster #1725 presented 4/14 @ 1:30-2:30pm	Simarpreet Singh† (Engineering) Aaruni Singh† (Engineering)	Babak Ziaie (Engineering)
Poster #1728 presented 4/14 @ 1:30-2:30pm	James Arthur Spezzano† (Engineering JMHC) Sean Ross Klein‡ (Engineering) Kevin Yu‡ (Engineering) Wei Lun Chang‡ (Engineering) Bobby Gu‡ (Engineering)	Peter A Bermel (Engineering) Chad Laux (Polytechnic)
Poster #1731 presented 4/14 @ 1:30-2:30pm	Jasmine Maria Steffent† (Engineering)	Alexander Abel Donabedian (Engineering)
Poster #1732 presented 4/14 @ 1:30-2:30pm	Korphiena Kimona Stephen† (Engineering) Muneera Shoaib Rasheed† (Engineering)	Shaiv Yogesh Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1734 presented 4/14 @ 1:30-2:30pm	Kevin Su† (Engineering) Joseph Wang† (Engineering) Adam Eunwoo Song* (Science) Cade Michael Stogsdill* (Engineering)	Jiansong Zhang (Polytechnic) Jingyi Lai (Polytechnic)
Poster #1735 presented 4/14 @ 1:30-2:30pm	Kai James Sustersic† (Science) Matthew Christopher Kim† (Science) Jacob Antony† (Engineering) Keshav Gollamudi† (Science)	Danny Milisavljevic (Science) David Alan Ruitter (Science) Andreas Jung (Science)
Poster #1737 presented 4/14 @ 1:30-2:30pm	Abhay Benjamin Tharakant† (Engineering)	Denny Yu (Engineering) Jingkun Wang (Engineering)
Poster #1739 presented 4/14 @ 1:30-2:30pm	Pranavi Vedula† (Engineering)	Wenzhuo Wu (Engineering) Hettiarachchige D Perera (Engineering)
Poster #1744 presented 4/14 @ 1:30-2:30pm	Zhishan Wang† (Engineering) Kaijie Zhu† (Engineering) Kieran Venkat Desireddi† (Engineering) Zheng Qing† (Engineering) Jacob Junjie Zhang† (Engineering) Brian Sam Lee† (Engineering) Jacob Forrest† (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering) Reed Joseph Freer (Engineering) Samuel Labi (Engineering)
Poster #1745 presented 4/14 @ 1:30-2:30pm	Ryan Wans† (Engineering Science) Max Antonio Vallone† (Engineering) Alek Christian Taranov† (Engineering) Grant Dlugos Congdon† (Engineering Liberal Arts JMHC) Arthur Prudius‡ (Engineering) Priya Adiga‡ (Engineering JMHC) Laura van Ritbergen‡ (Engineering) Elliott Elizabeth Bossett‡ (Engineering) Rohan R Iyer‡ (Engineering) Aaron Fernandes‡ (Engineering) Randolph Nathan Ha‡ (Engineering JMHC) Arunav Lamba‡ (Engineering JMHC) Gavin Anthony Payne‡ (Engineering JMHC) Jack Thomas Willard* (Engineering JMHC)	Peter A Bermel (Engineering)
Poster #1746 presented 4/14 @ 1:30-2:30pm	Andrew Seungwan Wee† (Science)	Zahra Ghodsi (Engineering)

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

Presentation	Students	Mentors
Poster #1747 presented 4/14 @ 1:30-2:30pm	Zhenghao Xu† (Engineering) Boyang Wu† (Engineering) Aishani Sakalabhaktula† (Engineering) Anya Chauhan† (Science) Gaetano Antonio Iannotta* (Engineering)	Wei Zakharov (Libraries) Qiang Qiu (Engineering) Wei Chen (Engineering) Colby Ben Acton (Engineering)
Poster #1748 presented 4/14 @ 1:30-2:30pm	Ningyuan Yang† (Science)	Md Masudur Rahman (Engineering) Juan P Wachs (Engineering)
Poster #1750 presented 4/14 @ 1:30-2:30pm	Nathan Nanchuen Yu† (Engineering)	Timothy Francis Hein (Engineering)
Poster #1751 presented 4/14 @ 1:30-2:30pm	David Michael Yuhast† (Engineering) Ibrahim Shahid† (Engineering) Matthew Douglas Frago† (Engineering) Ethan Keid Chen† (Engineering) Pedro Andres De Jesus Velez† (Engineering)	Reed Joseph Freer (Engineering) Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering)
Poster #1754 presented 4/14 @ 1:30-2:30pm	Kade M Zisko† (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Poster #1755 presented 4/14 @ 1:30-2:30pm	Tania Yi-wye Chim† (Engineering)	Shubhra Bansal (Engineering)
Poster #1756 presented 4/14 @ 1:30-2:30pm	Geetika Chitturi† (Engineering JMHC)	Jou-Ting Lai (Engineering) Zeshu Wang (Engineering) Haitong Li (Engineering) Shubhra Bansal (Engineering)
Poster #1757 presented 4/14 @ 1:30-2:30pm	Erik Kocinare† (Engineering)	Saeed Mohammadi (Engineering) Shubhra Bansal (Engineering)
Poster #1758 presented 4/14 @ 1:30-2:30pm	Colton Pierce Lennet† (Engineering)	Lijia Xie (Engineering) John E Blendell (Engineering)
Poster #1759 presented 4/14 @ 1:30-2:30pm	Timothy P Malloy† (Engineering JMHC)	Sean Yenyu Lai (Engineering) Ganesh Subbarayan (Engineering) Shubhra Bansal (Engineering)
Poster #1760 presented 4/14 @ 1:30-2:30pm	Ammar M Mukadam† (Engineering)	Amy M Marconnet (Engineering) Ritwik Vijaykumar Kulkarni (Engineering) Sabina Bimali (Engineering) Shubhra Bansal (Engineering)
Poster #1761 presented 4/14 @ 1:30-2:30pm	Rachel Christine Quisil Ordiales† (Engineering)	Carol A Handwerker (Engineering) John E Blendell (Engineering) Lijia Xie (Engineering)
Poster #1762 presented 4/14 @ 1:30-2:30pm	Lindsay Kathryn Sutherland† (Engineering JMHC)	Amy M Marconnet (Engineering) Joe Anderson (Engineering) Yingru Song (Engineering)
Poster #1763 presented 4/14 @ 1:30-2:30pm	Ethan Xinghan Tan† (Engineering JMHC)	Shubhra Bansal (Engineering) Yu Ching Chen (Engineering)
Poster #1806 presented 4/14 @ 3:00-4:00pm	Yash Rajendra Ashtekar† (Engineering) Arin Kedar Swadi† (Engineering) Sehyeong Yeom† (Science) Aidan Kwan† (Engineering) Muhammadaziz Sahibnazarov† (Engineering)	Reed Joseph Freer (Engineering) Andres Felipe Hoyos Moreno (Engineering) Richard Osita Ajagu (Engineering)
Poster #1807 presented 4/14 @ 3:00-4:00pm	Aditi Gururaja Athreyas† (DSB)	Yu She (Engineering)
Poster #1809 presented 4/14 @ 3:00-4:00pm	Fabrizio Baca Salazar† (Engineering) Wang Xu† (Liberal Arts) Ana Gabriela Gomez Orillac† (Liberal Arts) Jose Fernando Claros Saavedra† (HHS JMHC)	Haiyan Li (Education Liberal Arts)
Poster #1810 presented 4/14 @ 3:00-4:00pm	Deeksha Gayathri Badugu† (Engineering) Katherine Schallwig† (HHS JMHC)	Natalia Maria Rodriguez (HHS) Lara Nicole Balian (HHS)

Presentation	Students	Mentors
Poster #1816 presented 4/14 @ 3:00-4:00pm	Oliver Stevenson Bohont [†] (Science JMHC) Tanvi Reddy Jitta [†] (Engineering) Chaarulatha Rajesh [†] (Engineering)	Brett A Meyers (Centers & Institutes) Hyeondong Yang (Engineering)
Poster #1819 presented 4/14 @ 3:00-4:00pm	Jose Eduardo Carlos Castilho [†] (Engineering)	Husheng Li (Engineering)
Poster #1820 presented 4/14 @ 3:00-4:00pm	Cynthia Sarai Castaneda [†] (Engineering JMHC) Parin Paresh Timbadia [†] (Engineering JMHC) Yunfei Gao [†] (Engineering) Jacob Lee Prior [†] (Engineering)	Rishikesh Reddy Bathina (Engineering)
Poster #1821 presented 4/14 @ 3:00-4:00pm	Alexandre Chan Tome [†] (Engineering) Huan Yi Kuo [†] (Engineering) Nolan Cai Tai [†] (Engineering) Jeffrey Dao Jun Hew [†] (Engineering JMHC) Logan Scott Fergusson [†] (Engineering) Cheng-Kai Chiang [†] (Engineering)	Zhihong Chen (Engineering) Joerg Appenzeller (Engineering) Peter A Bermel (Engineering) Saeed Mohammadi (Engineering)
Poster #1823 presented 4/14 @ 3:00-4:00pm	Wanrong Maddison Cheng [†] (Engineering) Chisato Sakakibara [†] (Polytechnic) Pranavi Chaganti [†] (Science) Pranav Ramnath [†] (Engineering) Adrienne J Gooch [‡] (Polytechnic) Manas Anantha Maligi [‡] (Engineering) Nathan R Leong* (Engineering)	Aparajita Jaiswal (Engineering) Dikai Xu (Engineering)
Poster #1824 presented 4/14 @ 3:00-4:00pm	Branden Woojin Cho [†] (Engineering) Nolan Porter Jones [†] (Engineering JMHC) Weichih Hsieh [†] (Engineering) Maxwell Christophe Sprague [†] (Engineering) David Kim [†] (Engineering) Brady Owen Philhower [†] (Engineering)	Rishikesh Reddy Bathina (Engineering) Mark C Johnson (Engineering)
Poster #1825 presented 4/14 @ 3:00-4:00pm	Jyestha Choudhary [†] (Engineering) Sabina Anna Mazur [†] (Agriculture Engineering) Ella Grace Correia [†] (Engineering) Julia Zimmerman [‡] (Engineering JMHC) Siena Ming-en Wei [‡] (Engineering) Alyssa Sarah Rizzardo [‡] (Engineering) Patricia Ewa Leoniuk [‡] (Engineering)	Megan Renee Wentz (Engineering)
Poster #1827 presented 4/14 @ 3:00-4:00pm	Bea Alyannah Magsayo Cortes [†] (Engineering) Aryav Gogia [†] (Engineering) Aiden Tian [†] (Engineering) Akram Reda Mahmoud [†] (Engineering) Muhammadaziz Sahibnazarov [†] (Engineering)	Richard Osita Ajagu (Engineering) Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering)
Poster #1834 presented 4/14 @ 3:00-4:00pm	Aya Wael Mohammed Tawfik Elghayaty [†] (Engineering) Siddarth Balaji Calidast [†] (Engineering) Liam Thomas Yates [†] (Science) Aadya Rangole [†] (Science) Connor Benjamin Coladonato [‡] (Engineering) Manasvi Meka [‡] (Science JMHC)	Richard Osita Ajagu (Engineering) Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering)
Poster #1836 presented 4/14 @ 3:00-4:00pm	Gideon H Fulton [†] (Engineering) Rochelle R Xuet [†] (Engineering) Alexandre Wade Rosental [†] (Engineering) Chieh-Chi Hu* (Polytechnic)	Siddeshwar Raghavan (Engineering) Carla B Zoltowski (Engineering)
Poster #1838 presented 4/14 @ 3:00-4:00pm	Higor Galina Pozza [†] (Engineering)	Marisol Koslowski (Engineering) Russell Keith Moffat (Engineering)

Presentation	Students	Mentors
Poster #1839 presented 4/14 @ 3:00-4:00pm	Justin Zijie Gan† (Engineering) Alani Sofia Martinez† (Engineering Liberal Arts) Tyler Ken Kikuno‡ (Engineering) Kyle Hymn Siu‡ (Engineering)	Jaeun Kim (Engineering)
Poster #1843 presented 4/14 @ 3:00-4:00pm	Syd Ghosh† (Engineering)	Sooraj Chetput Venkataraghavan (Engineering) Akshath Raghav Ravikiran (Engineering) Fan Jing Hoon (Engineering)
Poster #1844 presented 4/14 @ 3:00-4:00pm	Shashwat Goel† (Science)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Poster #1847 presented 4/14 @ 3:00-4:00pm	Ansh Grover† (Science) Ayush Chaurasia* (Engineering) Abhishek Kaushikkar* (Engineering)	Sabine Brunswicker (Polytechnic) Divyanshi Bansal (Engineering)
Poster #1848 presented 4/14 @ 3:00-4:00pm	Aarushi Gupta† (HHS Liberal Arts JMHC) Lorelei Estella ro Fletcher† (HHS JMHC) Layna Sue Herzog† (HHS JMHC) Shivani Sivakumar† (HHS JMHC) Tamanna Kokan* (Engineering) Shauryeh Raj Kapur* (Engineering JMHC) Rhema Ann Navin* (HHS JMHC) Camille Anais Grei Jorenby* (Engineering JMHC)	Temitope Folasade Adeoye Olenloa (JMHC) Zainub Aamir Kokan (Education Science JMHC)
Poster #1849 presented 4/14 @ 3:00-4:00pm	Annelie Kate Gustafsson† (Engineering) Kaitlyn Elizabeth Calland† (Engineering JMHC) David Edward Jakel† (Engineering)	Ryan B Wagner (Engineering)
Poster #1850 presented 4/14 @ 3:00-4:00pm	Katharina Anne Guth† (Engineering JMHC)	Kevin J Webb (Engineering)
Poster #1852 presented 4/14 @ 3:00-4:00pm	Ningang Han† (Engineering)	Ayush Singh (Engineering)
Poster #1857 presented 4/14 @ 3:00-4:00pm	Mrigas Ajay Iyert† (Science)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Poster #1861 presented 4/14 @ 3:00-4:00pm	Rajan Joshi† (Engineering)	Nadezhda N Zyaykina (Engineering)
Poster #1863 presented 4/14 @ 3:00-4:00pm	Carlyn Elizabeth Ketcherside† (Engineering) Blanka Helena Bak† (Engineering) Ryan Francis Chemmanoor† (Engineering) Veadesh Dhanasekar† (Engineering)	Eileen Koh (Science) Steve Clayton Rausch (Engineering) Mark C Johnson (Engineering) Ben Arie Tanay (Engineering)
Poster #1864 presented 4/14 @ 3:00-4:00pm	Amber Kuoiva Khauv† (Science) Yun-Kai Chent† (Science) Eileen Koh† (Science)	Cole Aaron Nelson (Engineering) William Rowan Cunningham (Engineering)
Poster #1865 presented 4/14 @ 3:00-4:00pm	Justin Kim† (Engineering) Emerson Grace Zubb‡ (Engineering) Andrew Henderson Lum‡ (Engineering) Noah James Maskal‡ (Engineering) Samuel Zapata‡ (Engineering) Grayson Cade Briles* (Engineering JMHC)	Luz Sotelo (Engineering)
Poster #1867 presented 4/14 @ 3:00-4:00pm	Eileen Koh† (Science)	Kerrie A Douglas (Engineering)
Poster #1868 presented 4/14 @ 3:00-4:00pm	William Ironside Koppin† (Engineering Liberal Arts)	Jia-Huei Tien (Engineering) David F Bahr (Engineering)
Poster #1870 presented 4/14 @ 3:00-4:00pm	Ishaan Kumar† (Engineering)	Ryan B Wagner (Engineering) Uidam Jung (Engineering)

Presentation	Students	Mentors
Poster #1871 presented 4/14 @ 3:00-4:00pm	Andrew Gabriel Lee† (Engineering)	Peter A Bermel (Engineering)
Poster #1874 presented 4/14 @ 3:00-4:00pm	Yoonwoo Lee† (Engineering) Alexander Popescu‡ (Engineering)	William Rowan Cunningham (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Fan Jing Hoon (Engineering) Akshath Raghav Ravikiran (Engineering) Mark C Johnson (Engineering)
Poster #1875 presented 4/14 @ 3:00-4:00pm	Colton Frank Lehnen† (HHS) Ishmine Kaur Heera‡ (Science) Shivani Sivakumar‡ (HHS JMHC) Andrew Yoon Young Cheong‡ (HHS JMHC)	Natasha Jaiswal (HHS) Deva Chan (Engineering)
Poster #1882 presented 4/14 @ 3:00-4:00pm	Ryan Y Manley† (Engineering) Diana Vergun† (Engineering) Rowan Anthony Segner† (Engineering) Joseph Dean Scarpa† (Engineering) Matteo Jordan Cobin‡ (Engineering) Adil Soltan‡ (Science) Vikram Ganesh Kumar‡ (Engineering) Lydia Carmen Derstine‡ (Science) Ethan Julian Ramon‡ (Engineering JMHC)	Arnab Banerjee (Science) Ruichao Ma (Science)
Poster #1888 presented 4/14 @ 3:00-4:00pm	Nandika Sumesh Nambiar† (Engineering) Donna Jaison† (Engineering) Tanya Vijay† (Engineering) Bahar Xuan Aghilit† (Engineering) Ya-Ting Wu† (Engineering) Sahasra Anjana Pillalamarri† (Engineering)	Ella Grace Correia (Engineering) Tarini Shrirang Ketkar (Engineering)
Poster #1890 presented 4/14 @ 3:00-4:00pm	Quynh Lam Nguyen† (Science) Ruei Yu Huang† (DSB) Zheng Fang† (Science) Gia Phong Phuong† (Engineering)	Haiyan Li (Education Liberal Arts)
Poster #1892 presented 4/14 @ 3:00-4:00pm	Obinna Chukwufumnya Onyebueke† (Engineering)	John William Rolfe (Engineering)
Poster #1894 presented 4/14 @ 3:00-4:00pm	Elena Pias Ferreira† (Engineering)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Poster #1895 presented 4/14 @ 3:00-4:00pm	Aarav B Patel† (Science) Venkata Sri Saiveer Chelliboyina† (Science) Sohum Kashyap† (Science)	Zahra Ghodsi (Engineering)
Poster #1896 presented 4/14 @ 3:00-4:00pm	Gavin Anthony Payne† (Engineering JMHC) Yujia Alina Li† (Engineering) Michael James Herro† (Engineering) Eli Bradley Ade† (Engineering) Iris I Tsai† (Engineering)	Thomas Munson (Engineering) Mark C Johnson (Engineering)
Poster #1898 presented 4/14 @ 3:00-4:00pm	Julie Thu Anh Phung† (Engineering)	Danielle E Soranno (Engineering)
Poster #1899 presented 4/14 @ 3:00-4:00pm	Sebastian Enrique Pirela† (Engineering JMHC) Elena Anne Lehner† (Engineering JMHC)	James L Garrison (Engineering)
Poster #1901 presented 4/14 @ 3:00-4:00pm	Ananya Prabhakar† (Engineering) Hsin-Yu Tsern† (Engineering) Priya Adiga† (Engineering JMHC)	Cole Aaron Nelson (Engineering)
Poster #1902 presented 4/14 @ 3:00-4:00pm	Ananya Prasad† (Engineering JMHC)	Tyler N Tallman (Engineering) Rodney W Trice (Engineering) Jeffrey P Youngblood (Engineering)
Poster #1903 presented 4/14 @ 3:00-4:00pm	Abigail Elizabeth Preston† (Engineering)	Austin Rory Cooper (Liberal Arts)

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

Presentation	Students	Mentors
Poster #1904 presented 4/14 @ 3:00-4:00pm	Arthur Prudius† (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Poster #1905 presented 4/14 @ 3:00-4:00pm	Alexander Whitaker Rabert† (Liberal Arts Science) Karthik Varigonda† (Science JMHC) Neel M Gupta† (Science) Sanjita Balaji† (Engineering) Anna Harstick‡ (Engineering)	Pete E Pascuzzi (Libraries)
Poster #1906 presented 4/14 @ 3:00-4:00pm	Adarsh V Rangayyan† (Engineering)	Lei Wang (Science)
Poster #1907 presented 4/14 @ 3:00-4:00pm	Amrita Rani Raparti† (Science)	Deva Chan (Engineering)
Poster #1910 presented 4/14 @ 3:00-4:00pm	Areli Rosas† (Engineering) Brinna M Porat† (Engineering) Henry Alexander Chen† (Engineering)	Elizabeth Marie Olivo (Engineering) Kevin John Otto (Engineering)
Poster #1911 presented 4/14 @ 3:00-4:00pm	Sai Aiswarya Sadagopan† (Science) Rishika Ramakrishnan† (Science) Arunasalam Subbiah† (Science) Jonas Villabroza† (Engineering) Gabriel Calinescu† (Science)	Brett A Meyers (Centers & Institutes) Sourav Das (Engineering)
Poster #1912 presented 4/14 @ 3:00-4:00pm	Adriana K Sanchez† (Agriculture Engineering) Gabriel Adam Murray† (Agriculture Engineering) Muskan Chirania† (Science) Olivia Madison Krzyzanowski† (Agriculture Engineering)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Poster #1916 presented 4/14 @ 3:00-4:00pm	Milan N Shah† (Engineering) Chee Ying Tay* (Engineering Science)	Jaeeun Kim (Engineering) Yan Gu (Engineering) Yu She (Engineering)
Poster #1919 presented 4/14 @ 3:00-4:00pm	Arnav Chandra Singh† (Science) Kriti Kishan Nandakumar† (Engineering) Benjamin Tyler Nguyen† (Engineering) Edward Ayomide Ojuolape† (Engineering)	Siddeshwar Raghavan (Engineering) Carla B Zoltowski (Engineering)
Poster #1920 presented 4/14 @ 3:00-4:00pm	Harjot Singh† (Polytechnic)	FNU Nilay Kumar (Engineering)
Poster #1921 presented 4/14 @ 3:00-4:00pm	Lavanya Sridhar† (Engineering) Charlotte Eva Regnier† (Engineering) Maxwell David Hasenour‡ (Engineering)	Jaeeun Kim (Engineering)
Poster #1923 presented 4/14 @ 3:00-4:00pm	Harini Subramanian† (Engineering JMHC) Kelly Thomas Rezek-Te Winkle† (DSB JMHC) Emiri Imamura† (Polytechnic JMHC) Mason Leland Harleman† (Liberal Arts Polytechnic JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1925 presented 4/14 @ 3:00-4:00pm	Andrew Joseph Thompson† (Science) Armaan Arshad Sayyad† (Science) Joseph Zou† (Science) Pranay Goel† (Science) Sumant Anantha† (Science) Zachary Thomas Nena† (Science) Pranav Sanghi† (Science) Rahal Themiya Ranasinghe Ranasinghe Mudiyansele† (Science)	Jiaru Zhang (Engineering) Ziran Wang (Engineering) Juanwu Lu (Engineering) Sai Charan Coumar (Science)
Poster #1927 presented 4/14 @ 3:00-4:00pm	Ekaterina Tszhao† (Science) Samyukta Balaji† (Engineering) Rhea Virk† (Engineering)	James G Ogg (Science) Aaron C Ault (Engineering)

Presentation	Students	Mentors
Poster #1936 presented 4/14 @ 3:00-4:00pm	Manyang Wei† (Science) Meiling Wang† (Engineering) De-Rui Wen† (Science) Sichen Gu† (Agriculture)	Haiyan Li (Education Liberal Arts)
Poster #1937 presented 4/14 @ 3:00-4:00pm	Alexander J Weyer† (Engineering)	Richard L Kennell (Centers & Institutes) Satish V Ukkusuri (Engineering)
Poster #1938 presented 4/14 @ 3:00-4:00pm	Jack Thomas Willard† (Engineering JMHC)	Alex David Santiago Vargas (Engineering) Ahmed Abdelraheem (Engineering) Dimitrios Peroulis (PWL)
Poster #1941 presented 4/14 @ 3:00-4:00pm	Kentaro Yamauchi† (Agriculture)	Youn Jeong Choi (Agriculture) Linda S Lee (Agriculture Engineering)
Poster #1942 presented 4/14 @ 3:00-4:00pm	Matthew Yao† (Engineering) Bryan Chiang† (Engineering) Antariksh Mukherjee† (Engineering) Sanjith Cherumandanda† (Engineering)	Mark C Johnson (Engineering) Cole Aaron Nelson (Engineering)
Poster #1943 presented 4/14 @ 3:00-4:00pm	Elliott Sungju Youn† (Engineering) Anirudh Vummadising* (Engineering) Ronit Podder* (Engineering) Shivoy Sharma* (Engineering)	Yung-hsiang Lu (Engineering)
Poster #1944 presented 4/14 @ 3:00-4:00pm	William Xinyue Zheng† (Engineering)	Li Qiao (Engineering) Yuuki Valentino Horie (Engineering)
Poster #3002 presented	Adrian Daniel Buczkowski† (Engineering) Jason Dumaul Lyst† (Engineering) Edward Zhaolong Hu† (Engineering) Heng-I Chu† (Engineering) Xinyu Liu† (Engineering) Shams Tahsinul Hoque† (Engineering JMHC)	Akshath Raghav Ravikiran (Engineering) Aryan M Kadakia (Engineering)
Poster #3003 presented	Shawn Chang† (Engineering)	Ayush Singh (Engineering) Anas Zyad Abughali (Engineering)
Poster #3004 presented	Sungsu Jeon† (Engineering)	Qi Dong (Science) Priyam Mondal (Science)
Poster #3005 presented	Steven Tibor Kiss† (Science)	Fiona Kolbinger (Engineering) Muhammad ibtsaam Qadir (Engineering)
Poster #3007 presented	Melinda Liu† (Engineering)	Peter A Bermel (Engineering)
Poster #3012 presented	Jaanaav Bhavin Shah† (Engineering JMHC) Pranav Karthik Vadde† (Engineering) Niya Ganesh Bhat† (Engineering) Prajeeth Kumar† (Engineering) Ray Zhangxu† (Engineering) Andrew Paul Becker† (Engineering JMHC) Noah Zhu† (Engineering)	Rishikesh Reddy Bathina (Engineering)
Poster #3016 presented	Mark Vincent Waldron† (Science)	Nikkhil Vijaya Sankar (Engineering) Mohammad Reza Jahanshahi (Engineering)
Poster #3017 presented	Minghan Wang† (Engineering)	Hongjian Wang Route (Liberal Arts)
Poster #3102 presented	Joseph D Grabczynski† (Engineering JMHC)	Xinyu Zhang (Engineering)
Poster #3105 presented	Joshua Peter LeBlanc† (Engineering) Ian Mitchell Yao† (Engineering)	James C Davis (Engineering) Dharun Rajkkumar Anandayuvvaraj (Engineering)
Poster #3106 presented	Avery Fisher Noroozi† (Science) Roohee Esha Urs† (Science JMHC) Tianzhi Li† (Science) Rishi Bagri† (Liberal Arts Science)	Yung-hsiang Lu (Engineering)
Poster #3109 presented	Kaitlyn Marie Wayne† (Engineering)	Andrew J Whelton (Engineering) Cristiane Grossi Ferrarezzi (Engineering)
Poster #3201 presented	Chen Han Chan† (Engineering)	Junfei Li (Engineering)

Presentation	Students	Mentors
Poster #3202 presented	Camila Franco [†] (HHS) Colin Andrew Kuhn [†] (Liberal Arts) Erin Marie Long [†] (Liberal Arts) Caroline Wrye Albright [†] (Science) Nathaniel Martin Schaefer [‡] (Liberal Arts) Poseidon Van Thompson* (Liberal Arts) Risha Gupta* (Engineering) Reese Elizabeth Whitfield* (Science)	Melanie M. Beasley (Liberal Arts) Talha Ibn Mahmud (Engineering)
Poster #3205 presented	Andre Lee [†] (Science)	David Iseri Inouye (Engineering)
Poster #3208 presented	Carson Paul Rose [†] (Science)	Cameron Xavier Villarreal (Engineering)
Poster #3210 presented	Jericho Robert Samide [†] (Polytechnic) Kailia Malaivanh [†] (Engineering) Tanush Ashok [‡] (Engineering)	Julia M Sibley (Engineering)
Poster #3213 presented	Aarush Dhaval Shah [†] (Engineering)	Todd Richard Yarbrough (DSB)
Celebrate #4000 presented 4/16 @ 1:30-2:30pm	Jackson Carey Goehle [†] (Engineering) En-Hua Chang [†] (Engineering) Oluwatoye Oseseme Akintunde [‡] (Engineering)	Shripad T Revankar (Engineering) Thomas E Adams (Engineering)
Celebrate #4001 presented 4/16 @ 1:30-2:30pm	Bumkyu Kim [†] (Agriculture Engineering) Layla Elizabeth Doeski [†] (Agriculture Engineering) Tina Atmani [†] (Agriculture Engineering) Elliana Rose Lemberis [†] (Agriculture Engineering)	Kari L Clase (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture) Taylor Sophia Buchowski (Agriculture Engineering)
Talk #7000 presented 4/16 @ 9:40am	Shreya Prakash [†] (Engineering) Hannah Jordan Margulis [†] (Engineering JMHC) Krish Majumdar [†] (Science) Isha Varshney [‡] (Engineering) Zion Maurice Julius Hackett [‡] (Agriculture Engineering) Tashi Vasudeva [‡] (HHS) Aidan Hirsch [‡] (Engineering) Madhava Sampreet Veduri [‡] (Engineering) Sabrina Louise Gray [‡] (Engineering) Supreet Mishra [‡] (Engineering) Ariel Scout Hudson [‡] (Engineering) Ayush A Kabirpara* (Engineering JMHC) Rishaan Ponna* (Science) Anjan Nanisetti* (Science) Uday Mittal* (Engineering JMHC) Luke Brian Johnson* (HHS) Ishana Didwania* (Science) Liam Kalil Simpson* (Engineering)	Aaron Edward Lottes (Engineering)
Talk #7004 presented 4/16 @ 9:40am	Matthew Du [†] (Engineering JMHC)	Linda E Haynes (Liberal Arts)
Talk #7005 presented 4/16 @ 9:40am	Rafael Monteiro Martins Pinheiro [†] (Engineering)	Akshath Raghav Ravikiran (Engineering) Sooraj Chetput Venkataraghavan (Engineering) Mark C Johnson (Engineering)
Talk #7009 presented 4/16 @ 10:20am	Charles R Basham [†] (Agriculture Engineering)	Harris J Bras (Liberal Arts)
Talk #7011 presented 4/16 @ 10:00am	Elian Inigo Turcal Rieza [†] (Engineering) Mingrui Yuan [†] (Engineering) Margaret Rose Mccarty [†] (Engineering JMHC)	Chakradhar Sau (Engineering) Mark C Johnson (Engineering)
Talk #7012 presented 4/16 @ 10:20am	Owen Chen [†] (Engineering) Maya Elizabeth More [‡] (Engineering)	Sheng-wen Huang (Engineering)

Presentation	Students	Mentors
Talk #7013 presented 4/16 @ 10:40am	Madelyn Erin Wurzel† (Engineering)	Wenzhuo Wu (Engineering) Nachiket Vatkar (Engineering)
Talk #7019 presented 4/16 @ 10:00am	Medha Belwadi† (Science)	Fiona Kolbinger (Engineering) Zheyuan Zhang (Engineering) Natasha Rajendrara Gundapaneni (Engineering)
Talk #7020 presented 4/16 @ 10:20am	Aditi Choudhury† (Engineering JMHC) Khushi Choksi† (Engineering) Elan Smyla† (Science) Divya Raghvendra Manvikar‡ (Engineering) Makenna Anne Lee‡ (Engineering) Ridhima Singh Tomar‡ (Engineering) Emanuel Takoda Roy Borrort (Engineering) Paul Robert William Harkenridert (Science JMHC) Ramya Prasanna‡ (Science JMHC) Rohan Joseph Eapent (Engineering Science) Anandi Durgam‡ (Engineering) Aiden Tian‡ (Engineering) Francis Ruo-Chi Lung‡ (Engineering) Aditi Reddy Gangasani‡ (Engineering) Declan Brannon Yut (Engineering)	Aaron Edward Lottes (Engineering)
Talk #7021 presented 4/16 @ 10:40am	Olivia B Williams† (Science) Claire Henley Shurlingt (Agriculture Engineering)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Talk #7025 presented 4/16 @ 10:00am	Renzi Yongtian† (Engineering) Nana Lee† (Engineering) Tanvi Dhawade† (Engineering)	Qi Guo (Engineering)
Talk #7026 presented 4/16 @ 10:20am	Anna Catherine Dressman† (Science)	Jiafei Zhu (Engineering) Sunghee Park (Engineering)
Talk #7027 presented 4/16 @ 10:40am	Shaantanu Sriram† (Engineering) Efua Ayebea Asamani-Baah† (Science) Sebastian Bohrt† (Engineering)	Sivaranjani Seetharaman (Engineering)
Talk #7028 presented 4/16 @ 10:00am	Emily Joy Reeves† (Agriculture) Samuel Pelfrey† (Agriculture Engineering) Timothy Michael Rapleed (Agriculture)	Kari L Clase (Agriculture Engineering) Taylor Sophia Buchowski (Agriculture Engineering) Anurag Rajendra Pujari (Agriculture)
Talk #7030 presented 4/16 @ 10:40am	Prachet P Sowale† (Engineering)	Lisa B Bosman (Polytechnic)
Talk #7031 presented 4/16 @ 11:00am	Tyler James Hughes† (Engineering)	Sudharshan Anandan (Engineering)
Talk #7032 presented 4/16 @ 11:20am	Arjun Sandeep Gupte† (Engineering) Ahmed Tarek Ibra Elmersawy† (Engineering) Andre Lee† (Science) Sanjay Sriram† (Engineering) Stefan Teodor Maxim† (Engineering)	James C Davis (Engineering) Huiyun Peng (Engineering)
Talk #7033 presented 4/16 @ 11:40am	Harishramani Venkatasubramaniant (Engineering) Ishan Gopu Nair† (PWL) Mudit Pandey‡ (Engineering) Ron Cheng Xuan Chay‡ (Engineering) Isaac Parks‡ (Engineering) Md Sadat Aarik‡ (Engineering) Govind Sriram Lanka‡ (Engineering)	David E M Warsinger (Engineering) Md Ashiqur Rahman (Engineering)

Presentation	Students	Mentors
Talk #7034 presented 4/16 @ 11:00am	Kai X Keller† (Engineering JMHC) Jamie Chanadol Henson† (Engineering) Nhuan Boi Duong* (Engineering) Haoyu Zhang* (Engineering)	Ran Dai (Engineering) Yooseung Choi (Engineering)
Talk #7035 presented 4/16 @ 11:20am	Berra Ulku Kalci† (Engineering) Taran Sid Koduri† (Engineering)	Jiansong Zhang (Polytechnic) Megan Amy Rudo (Engineering JMHC)
Talk #7036 presented 4/16 @ 11:40am	Hiya Samanta† (Science JMHC) Arin Bhav† (Engineering) Henry J Lee* (Science JMHC) Siya Chirag Jariwala* (Science JMHC)	Anastasia Kouvaras Ostrowski (Polytechnic) Caue Sciascia Borlina (Science) Ali Bramson (Science)
Talk #7037 presented 4/16 @ 11:00am	Aryan Anand† (Engineering)	Santhosh Vaddi (Science) Timothy J Keaton (Science)
Talk #7045 presented 4/16 @ 11:40am	Emma Susan Oxtoby† (Engineering JMHC) Virginia Alessia Graziosi‡ (Agriculture JMHC)	Myles Quinn Edwards (Science) Robert Graham Cooks (Science)
Talk #7051 presented 4/16 @ 11:00am	Maya Elizabeth More† (Engineering)	Peter A Bermel (Engineering) Sheng-wen Huang (Engineering)
Talk #7052 presented 4/16 @ 11:20am	Eli Bradley Ade† (Engineering) Sabastian Hunter Hamilton† (Engineering) Zackary Pieter Homrich† (Engineering) Pham Anh Minh Nguyen† (Engineering) Rex Wu† (Engineering)	Peter A Bermel (Engineering) Saeed Mohammadi (Engineering) Zhihong Chen (Engineering)
Talk #7053 presented 4/16 @ 11:40am	Rhea Rakhra† (Engineering) Sanika Sudhir Ban† (Engineering) Nikitha S Kambi† (Engineering) Andrew Jonathan Savvsky† (Engineering) Aakash Sanjay† (Engineering)	Arezoo Ardekani (Engineering) Ryan B Wagner (Engineering) Elham Saberian (Engineering) David Perez Herrera (Science)
Talk #7054 presented 4/16 @ 12:00pm	Mia Constance Schecter† (Agriculture JMHC) Lily Amelia Zheng† (Agriculture Engineering) Gram Henry Zavos† (Engineering) Henry Joseph Ewald† (Engineering) Gregory Alfred Glenn‡ (Engineering) Sushma Katta‡ (Engineering) Victoria Rose Lucarelli‡ (Engineering) Elizabeth Marleen Gray‡ (Science) Leesa Chelsea Takara‡ (Engineering) Shruti Subramaniyan‡ (Engineering)	D. Marshall Porterfield (Agriculture Engineering) Richard John Barker (Agriculture Engineering)
Talk #7062 presented 4/16 @ 12:00pm	Kaylani Le'mae Tomlin† (Engineering)	Angel Noel Santiago Colon (Engineering) Wei-ting Chung (Engineering) Rajamani P Gounder (Engineering)
Talk #7063 presented 4/16 @ 12:20pm	Dong Wang† (Engineering) Mohamed Aboelyazed† (Engineering) Arthur Prudius‡ (Engineering) Yan-Jun Lin‡ (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Talk #7064 presented 4/16 @ 12:40pm	Gary Huang† (Engineering)	Li Qiao (Engineering) Bong Seok Kim (Engineering)

Presentation	Students	Mentors
Talk #7068 presented 4/16 @ 12:00pm	Ella Nicole Kornick† (Engineering JMHC) Alyssa Sarah Rizzardo† (Engineering) Emmalise Jane Adcock† (Engineering) Louisa Grace Brandt† (Engineering) Dana Michelle Abbring‡ (Engineering) Ariella P Nelson‡ (Engineering) Mallika Subramanian‡ (Engineering) Sydney Alise Madetzke‡ (Engineering) Maria Josephine Nunning‡ (Engineering) Priyanka Thiagarajan‡ (Engineering) Lindsay J Clarke‡ (Engineering) Ella Charlotte McCrudden‡ (Engineering) Emily Ann Enright‡ (Engineering) Catherine Jebi Parakattil‡ (Engineering) Abigail Elizabeth Gaudet‡ (Engineering)	Akansha Chauhan (Engineering JMHC)
Talk #7069 presented 4/16 @ 12:20pm	Margaret H Prokopy† (Engineering JMHC)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering) Tuhina Saxena (Engineering)
Talk #7070 presented 4/16 @ 12:40pm	Sofiia Shyshkovtsova† (Engineering)	Denny Yu (Engineering) Jingkun Wang (Engineering)
Talk #7071 presented 4/16 @ 12:00pm	Jackson Drew Douvas† (Engineering) Vatsal Sanjeevkum Dudhaiya† (Engineering)	Amirhesam Mashaollahi (Agriculture) Zhuojun Luo (Agriculture)
Talk #7072 presented 4/16 @ 12:20pm	Ishan Gopu Nair† (PWL) Mudit Pandey† (Engineering) Md Sadat Aarik† (Engineering) Isaac Parks‡ (Engineering) Govind Sriram Lanka‡ (Engineering) Ron Cheng Xuan Chay‡ (Engineering) Harishramani Venkatasubramanian‡ (Engineering)	David E M Warsinger (Engineering) Md Ashiqur Rahman (Engineering)
Talk #7073 presented 4/16 @ 12:40pm	Simon Hongyi Xu† (Engineering) Ammar M Mukadam† (Engineering) Jayaditya Borah† (Engineering) Morgan G Edwards† (Engineering)	Timothy Francis Hein (Engineering) Mark C Johnson (Engineering)
Talk #7078 presented 4/16 @ 1:40pm	Adithya Sridhar† (Engineering) Jenny Mengmeng Li† (Engineering) Cole Ryan Scheidler† (DSB) Nicole Elizabeth Bunag† (Engineering) Garv Atri‡ (Liberal Arts Science) Sofia Castro‡ (Engineering)	Aparajita Jaiswal (Engineering) Aanand Krishna Balasubramanian (Engineering)
Talk #7079 presented 4/16 @ 1:00pm	Ron Cheng Xuan Chay† (Engineering) Govind Sriram Lanka† (Engineering) Ishan Gopu Nair‡ (PWL) Isaac Parks‡ (Engineering) Mudit Pandey‡ (Engineering) Md Sadat Aarik‡ (Engineering) Harishramani Venkatasubramanian‡ (Engineering)	David E M Warsinger (Engineering) Md Ashiqur Rahman (Engineering)

Presentation	Students	Mentors
Talk #7080 presented 4/16 @ 1:20pm	Mehar Jetly† (Engineering) Miram Elag† (Engineering JMHC) Gerardo Quiroga† (Engineering) Grace Lincoln† (Engineering) Alexander Tsai‡ (Engineering) Austin Journey Zhan‡ (Engineering) Dereck Wei Lu‡ (Engineering) Walter Xavier Lopez‡ (Engineering)	Natasha Rajendrara Gundapaneni (Engineering) Sungsoo Na (PWL) Julie Ying Hui Ji (PWL)
Talk #7081 presented 4/16 @ 1:40pm	Donald Alexander Weintz† (Engineering) Divyansh Pramanick† (Science) Nived Ambadipudi† (Engineering) Aahana Dahiya‡ (Engineering) Khue Ngoc Minh Pham‡ (Science) Simarleen Kaur‡ (Engineering)	Carla B Zoltowski (Engineering) Siddeshwar Raghavan (Engineering)
Talk #7083 presented 4/16 @ 1:20pm	Arushi Kolluru† (Science JMHC) August William Mauer† (Science) Misty Chen† (Engineering)	Danny Milisavljevic (Science) David Alan Ruiter (Science) Andreas Jung (Science)
Talk #7085 presented 4/16 @ 1:00pm	Ian William Jack† (Engineering JMHC)	Xuanying Lai (Science)
Talk #7086 presented 4/16 @ 1:20pm	Rohan Rahul Pradhan† (Engineering) Arvind Shyam† (Engineering) Sruthika Shivakumar† (Engineering JMHC) Shashwat Goel† (Science) Zixian Liu† (Science)	Yung-hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts)
Talk #7087 presented 4/16 @ 1:40pm	David Rubin† (Engineering JMHC) Stephen Michael Tushentsov† (Engineering)	Alexey Shashurin (Engineering)
Talk #7088 presented 4/16 @ 1:00pm	Rishi Mantri† (Engineering) Devesh Maheshwari† (Engineering Science) Ayush Bansal† (Science) Aanya Mittal† (Engineering) Alan H Hsi‡ (Science)	James C Davis (Engineering)
Talk #7089 presented 4/16 @ 1:20pm	Salihcan Paul Kremer† (Engineering)	Shubhra Bansal (Engineering) Faharia Hasan Bhuiyan (Engineering)
Talk #7090 presented 4/16 @ 1:40pm	Abhishek Kaushikkar† (Engineering) Ansh Grover‡ (Science) Ayush Chaurasia‡ (Engineering)	Sabine Brunswicker (Polytechnic) Worawis Sribunma (Centers & Institutes) Divyanshi Bansal (Engineering)
Talk #7092 presented 4/16 @ 1:20pm	Anabelle Min Yang† (HHS JMHC) Padmaja Sachin Khairnar‡ (Engineering JMHC)	Jeffrey M Haddad (HHS) Alexander L Francis (HHS)
Talk #7093 presented 4/16 @ 1:40pm	Aditya Pandurang Prabhu† (Engineering)	Smriti Bhatt (Polytechnic)
Talk #7100 presented 4/16 @ 2:00pm	Matheus H Ponte† (Engineering) Alex G Rodriguez-Gonzalez* (Engineering Science JMHC)	Peter A Bermel (Engineering)
Talk #7101 presented 4/16 @ 2:20pm	Simone Xin Moulton† (Engineering JMHC) Adriana K Sanchez‡ (Agriculture Engineering) Tayla Chamlee Koenig‡ (Agriculture Engineering) Ana Sofia Leiva Aldana‡ (Agriculture Engineering) Alvin Hu‡ (Engineering) Archit Srivastava‡ (Agriculture Engineering) Makayla Nicole Phillips‡ (Engineering JMHC) Zihan O Zeng‡ (Engineering JMHC)	D. Marshall Porterfield (Agriculture Engineering)

Presentation	Students	Mentors
Talk #7102 presented 4/16 @ 2:40pm	Lana Malek† (Agriculture Engineering)	Kurt Ristroph (Agriculture Engineering) Caleb Frederick Fretz (Agriculture Engineering)
Talk #7106 presented 4/16 @ 2:00pm	Alan S Yi† (Science) Adam Yixuan Zhang† (Science) Erin KaiChi Toot† (Science) Luca Chen† (Engineering) Aryan Shahane† (Science) Srinidhi Datta Tammana† (Science) Manas Anantha Maligi† (Engineering)	Sabine Brunswicker (Polytechnic)
Talk #7107 presented 4/16 @ 2:20pm	Alexander Repikov† (Engineering JMHC)	Timothy Francis Hein (Engineering) Mark C Johnson (Engineering)
Talk #7108 presented 4/16 @ 2:40pm	Renan Matheus da Silva Florencio† (Engineering)	Can Li (Engineering)
Talk #7111 presented 4/16 @ 2:40pm	Nidhi Kirani† (Engineering Liberal Arts JMHC) Angela Anqi Tan‡ (DSB JMHC) Neha Naladala‡ (Science JMHC)	Lisa B Bosman (Polytechnic)
Talk #7121 presented 4/16 @ 2:00pm	Nathan Yu† (Engineering) Ethan James Pugh† (Engineering) Madeline G Taylor‡ (Science) Robert Maxwell Neitzke‡ (Engineering) Aayush Ranjan Kumar‡ (Engineering)	Alexey Shashurin (Engineering) Nicholas Vytautas Babusis (Engineering)
Talk #7122 presented 4/16 @ 2:20pm	En-Hua Chang† (Engineering)	Eduardo Barocio Vaca (Engineering)
Talk #7123 presented 4/16 @ 2:40pm	Zephan Jacob Thomas† (Science) Nakul Sreekanth† (Engineering) Bhavya Lakhina† (DSB Science JMHC)	Sivaranjani Seetharaman (Engineering)
Talk #7130 presented 4/16 @ 3:00pm	Jacob Hayes Goehring† (Engineering JMHC)	Jalen Riley Macatangay (Engineering) Alejandro H Strachan (Engineering)
Talk #7131 presented 4/16 @ 3:20pm	Priyasha Majumdar† (Engineering)	Rachel Kathleen Surowiec (Engineering) Dyann Marie Segvich (Engineering)
Talk #7132 presented 4/16 @ 3:40pm	Arvind Shyam† (Engineering) Shashwat Goel† (Science) Zixian Liu† (Science) Rohan Rahul Pradhan† (Engineering) Sruthika Shivakumar† (Engineering JMHC) Pranesh S Velmurugan† (Science) Boyang Zhang† (Science) Jiashu Liu† (Engineering)	Yung-hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts)
Talk #7134 presented 4/16 @ 3:20pm	Aaryan Shandilya† (Engineering)	Linlin Li (Engineering) Hayden William Fennell (Polytechnic) David M Umulis (Engineering)
Talk #7135 presented 4/16 @ 3:40pm	Ishita Mukadam† (Engineering)	Rachel Kathleen Surowiec (Engineering)
Talk #7141 presented 4/16 @ 3:40pm	Virginia Alessia Graziosi† (Agriculture JMHC) Emma Susan Oxtoby‡ (Engineering JMHC)	Myles Quinn Edwards (Science) Robert Graham Cooks (Science)
Talk #7145 presented 4/16 @ 3:00pm	Truman Carl Parrish† (Engineering) Nicholas Casamir Yurkus† (Science) Jeev Srinivas Sosale† (Science)	Andy Jung (Science)
Talk #7149 presented 4/16 @ 4:00pm	Arman Islam† (Engineering)	Davide Ziviani (Engineering) Amanda Elizabeth Stone (Engineering)

Presentation	Students	Mentors
Talk #7150 presented 4/16 @ 4:20pm	Aditya Gandhi† (Science) Jiale Yu† (Science) Omar Ahmed Elsayed Attia† (Engineering) Rohan S Potta† (Science) Lavangi X Yadava† (Science)	James C Davis (Engineering) Tanmay Singla (Engineering)
Talk #7151 presented 4/16 @ 4:00pm	Mark S Altman† (Engineering) Jin Guo† (Agriculture)	James J Tanoos (Polytechnic)
Talk #7153 presented 4/16 @ 4:00pm	Daniel Chindris† (Science) Wangyue Xu† (Polytechnic) Ziang Wang‡ (Science) Sivamurugan Velmurugan‡ (Science) Shrinand Perumal‡ (Science) Ryce Pi‡ (Science) Preston Tang Mo‡ (Engineering) Michael X Zhang‡ (Engineering) Luke Jaehyeon Choi‡ (Science) Junyong Lee‡ (Science) Jackson Patrick Shields‡ (Science) Ekaterina Tszhao‡ (Science)	Yung-hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts)
LLC - Talk #8001 presented 4/16 @ 10:00am	Simone Hana Fuller† (Liberal Arts) Barakah I Abdo-baari† (Liberal Arts) Mohana Milind Barve† (Liberal Arts Science) Omar Musayev† (Science) Ashley E Broadstreet* (Liberal Arts) Shaurya Jindal* (Engineering Liberal Arts)	Bryce Jensen Dietrich (Liberal Arts)
LLC - Talk #8006 presented 4/16 @ 11:40am	Leran Samuel Nodel† (Engineering)	Olga V Lyanda-Geller (Liberal Arts)
LLC - Talk #8008 presented 4/16 @ 12:20pm	Alaila Mariah Jones† (HHS Science) Prasiddhi Shivakumaran† (HHS Liberal Arts)	Anne B Sereno (Engineering HHS) Andy Junghyun Kim (HHS)
Talk #9001 presented 4/13-4/17 virtually	Scott Andrew Anderson† (Engineering) Karan Soni† (Engineering) Aditya Gupta† (Engineering) Cody Zhu† (Engineering)	Malcolm Lloyd Seib McClymont (Engineering) Ben Arie Tanay (Engineering) Seongjoong Yim (Engineering) Mark C Johnson (Engineering)
Talk #9002 presented 4/13-4/17 virtually	Audrey Andrea Billert† (Engineering JMHC) Neha Naladala‡ (Science JMHC)	David B Nelson (PWL)
Talk #9003 presented 4/13-4/17 virtually	Benjamin Morgan Bishoff† (Engineering) Jared Marc Settler† (Engineering) Jason Andrew Klutho† (Engineering) Shashank Umesh† (Engineering) Yu-Shan Tseng† (Engineering)	Cole Aaron Nelson (Engineering)
Talk #9005 presented 4/13-4/17 virtually	Rajin Gupta Braynard† (Engineering) Benjamin Scot Zarkiewicz† (Engineering) Shang-Hung Yu† (Engineering) Henry Joseph Hoorizadeh† (Engineering JMHC)	Steve Clayton Rausch (Engineering) Ben Arie Tanay (Engineering) Mark C Johnson (Engineering) Malcolm Lloyd Seib McClymont (Engineering) Mixuan Pan (Engineering)
Talk #9006 presented 4/13-4/17 virtually	Joshua Timothy Burroughs† (Engineering JMHC)	Li Qiao (Engineering)
Talk #9007 presented 4/13-4/17 virtually	Henry Cai† (Engineering)	Alexander William Litts (Science)
Talk #9009 presented 4/13-4/17 virtually	Hanglen Chang† (Science)	Peter A Bermel (Engineering)
Talk #9010 presented 4/13-4/17 virtually	Devak Chowdary Chowdary Charapalle† (Engineering)	Yung-hsiang Lu (Engineering)
Talk #9011 presented 4/13-4/17 virtually	Ayush Chaurasia† (Engineering) Abhishek Kaushikkar‡ (Engineering) Ansh Grover‡ (Science)	Sabine Brunswicker (Polytechnic) Divyanshi Bansal (Engineering) Worawis Sribunma (Centers & Institutes)

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

Presentation	Students	Mentors
Talk #9012 presented 4/13-4/17 virtually	Yuren Chen† (Engineering)	Peter A Bermel (Engineering)
Talk #9013 presented 4/13-4/17 virtually	Henry Jones Cheung† (Science) Kevin Su* (Engineering)	Yung-hsiang Lu (Engineering)
Talk #9014 presented 4/13-4/17 virtually	Akshada Dake† (DSB) Maxim Sergey Kolbunov† (Engineering) Sreisti Chowdhury† (Engineering) Bryan Puitim Yuen‡ (Engineering) Andrew Kwak‡ (DSB) Joshua Abraham Upputuri‡ (Engineering) Kevin Hong‡ (Engineering) Ashwath Mahesh Menon‡ (Engineering JMHC) Benjamin Viet Dang‡ (Engineering) Davyd Postolaki‡ (Engineering) Kiet Tuan Tran‡ (Engineering Science) Micah Joseph Baughman‡ (Engineering) Calvin Dang‡ (DSB) Brooke Ann Wertanen‡ (DSB) Liam Alexander Christopher‡ (Engineering)	Steve Clayton Rausch (Engineering)
Talk #9018 presented 4/13-4/17 virtually	Ahmed Atef Mahmoud Elsheshtawy Elbehiry† (Engineering) Hussein Sayed Hanafy† (Engineering)	Zijian He (Engineering)
Talk #9019 presented 4/13-4/17 virtually	Asem Ibrahim Elenawy† (Engineering) Tony Shih† (Engineering JMHC)	Juan Carlos Verduzco Gastelum (Centers & Institutes) Daniel F Mejia Padilla (Engineering)
Talk #9020 presented 4/13-4/17 virtually	Nezar Fahmi† (Engineering) Zhicheng Benjamin Li† (Engineering) Nhan Viet Viet Do† (Engineering) Andrew Lu† (Engineering)	Malcolm Lloyd Seib McClymont (Engineering) Mark C Johnson (Engineering) Cristian Andres Martinez (Engineering) Ben Arie Tanay (Engineering)
Talk #9023 presented 4/13-4/17 virtually	Taemoor Hasan† (Science JMHC) Muhammad Ahmad Rizwan† (Science JMHC) Yassir Khalaf† (Science)	Suleyman Uslu (Engineering)
Talk #9026 presented 4/13-4/17 virtually	Tyler Mathew Heint† (Engineering) Deepti Murali Rao† (Engineering) Parth Kalpesh Patel† (Engineering) Kruz Michael Schurz† (Science)	Malcolm Lloyd Seib McClymont (Engineering) Ben Arie Tanay (Engineering) Luke J Ferrer (Engineering JMHC) Mark C Johnson (Engineering)
Talk #9027 presented 4/13-4/17 virtually	Margaret Ellen Heritage† (Engineering JMHC) Ishaan Breinig* (Engineering)	Holman Lau (Engineering) Li Qiao (Engineering)
Talk #9029 presented 4/13-4/17 virtually	Arnav Juneja† (Engineering) Rishi Madipalli† (Engineering) Richard Liao† (Engineering) Aarush Agarwal† (Engineering JMHC)	Mark C Johnson (Engineering) Ben Arie Tanay (Engineering) Malcolm Lloyd Seib McClymont (Engineering) Genci Duraku (Engineering)
Talk #9031 presented 4/13-4/17 virtually	Tamanna Kokan† (Engineering) Anna Rose Pruden† (Science JMHC) Aarushi Gupta* (HHS Liberal Arts JMHC) Ayomikun Akinkuehinmi* (HHS JMHC)	Temitope Folasade Adeoye Olenloa (JMHC) Lorelei Estella ro Fletcher (HHS JMHC) Zainub Aamir Kokan (Education Science JMHC)
Talk #9032 presented 4/13-4/17 virtually	Nicole Ioanna Konstant† (Engineering JMHC)	Lisa B Bosman (Polytechnic)
Talk #9033 presented 4/13-4/17 virtually	Leo Fernando Lesmes† (Engineering) Tanvi Srisai Saja† (Engineering) Landon Michael Block† (Engineering) Aaruni Singh† (Engineering)	Malcolm Lloyd Seib McClymont (Engineering) Ben Arie Tanay (Engineering) Mark C Johnson (Engineering) Kameswari Mantha (Engineering)
Talk #9034 presented 4/13-4/17 virtually	Christine Yixin Liu† (Engineering JMHC)	Weijing Sebastian Chen (Engineering)

Presentation	Students	Mentors
Talk #9035 presented 4/13-4/17 virtually	Dongliang Luo† (Engineering)	Ayush Singh (Engineering)
Talk #9036 presented 4/13-4/17 virtually	Lucas Michael Mallen† (Engineering) Matthew Du‡ (Engineering JMHC)	Cole Aaron Nelson (Engineering)
Talk #9037 presented 4/13-4/17 virtually	Venkat Mamidi† (Science) Meiling Wang† (Engineering) Leonid Burlak† (Engineering) Andrew Seungwan Wee† (Science)	Zahra Ghodsi (Engineering)
Talk #9042 presented 4/13-4/17 virtually	Juan Felipe McKendry† (Engineering) Krtin Akkineni† (Engineering) Eli Shamist† (Engineering) William Hamilton Barney† (Engineering) Robert J Queen† (Engineering)	charles holliday Jenckes (Engineering)
Talk #9043 presented 4/13-4/17 virtually	Sanya Mehra† (Science JMHC)	Ashima Krishna (JMHC) Aparajita Jaiswal (Engineering)
Talk #9044 presented 4/13-4/17 virtually	Moon Gi Mint† (Science)	Jaeun Kim (Engineering)
Talk #9046 presented 4/13-4/17 virtually	Hang Minh Nguyen† (Engineering) Benjamin Viet Dang† (Engineering) Ninh Tan Nguyen† (Engineering)	Steve Clayton Rausch (Engineering) Ben Arie Tanay (Engineering) Benjamin Michael Sisk (Engineering JMHC) Mark C Johnson (Engineering) Malcolm Lloyd Seib McClymont (Engineering)
Talk #9051 presented 4/13-4/17 virtually	Sandeep Saravanakumar† (Engineering JMHC)	Zhengliang Lin (Engineering) Haiyan Wang (Engineering)
Talk #9053 presented 4/13-4/17 virtually	Aaron Eli Shefter† (Engineering) Emmanuel Wright Rosa† (Engineering) Hoyoung Chun† (Engineering) Romir Reddy Gade† (Engineering) William Shao-wei Lo† (Engineering)	Ben Arie Tanay (Engineering) Mark C Johnson (Engineering) Malcolm Lloyd Seib McClymont (Engineering) Benjamin Michael Sisk (Engineering JMHC)
Talk #9056 presented 4/13-4/17 virtually	Adam Eunwoo Song† (Science) Cade Michael Stogsdill† (Engineering) Joseph Wang* (Engineering) Kevin Su* (Engineering)	Jiansong Zhang (Polytechnic) Jingyi Lai (Polytechnic)
Talk #9058 presented 4/13-4/17 virtually	Laasya Thiagarajan† (Engineering)	Shubhra Bansal (Engineering) Huילong Liu (Engineering)
Talk #9061 presented 4/13-4/17 virtually	Ruizhe Xie† (Engineering)	Denny Yu (Engineering) Jingkun Wang (Engineering)
Talk #9063 presented 4/13-4/17 virtually	Po-Chin Yang† (Engineering) Murad Ibrahimov† (Engineering)	Cole Aaron Nelson (Engineering)
Talk #9064 presented 4/13-4/17 virtually	Philip Louis-Karl Zautke† (Engineering)	Weijing Sebastian Chen (Engineering)