PURDUE UNIVERSITY | Office of Undergraduate Research

HIKS Suite G937
504 Mitch Daniels Blvd
West Lafayette,47907-2058

Fall 2026 Undergraduate Research Expo: STEM

This list is inclusive of all presentations where the category was identified in the conference application. 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 is 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 OUR*Connect*. Names may be edited (for future reporting) via "my profile" in OUR*Connect*.

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

Presentation	Students	Mentors and Other Acknowledgments
Poster #1000 presented 11/17 @ 9:00-10:00am	Md Sadat Aarik† (Engineering)	David Warsinger (Engineering) Clark Lay (Engineering)
Poster #1002 presented 11/17 @ 9:00-10:00am	Abigail Catherine Alexander† (Agriculture) Gabrielle Marie Barrido* (Science)	Marxa Figueiredo (Vet Med) Gabriel Steven Harris (Vet Med) Kurt Ristroph (Agriculture|Engineering) Herman O Sintim (Science)
Poster #1003 presented 11/17 @ 9:00-10:00am	Juan Jose Alvarez Cardona† (Science) Alex G Rodriguez-Gonzalez‡ (Engineering|Science|JMHC)	David D Nolte (Science)
Poster #1004 presented 11/17 @ 9:00-10:00am	Mahrukh Muhaimeen Anindya† (Engineering|JMHC) Daniel Skomorovsky† (Engineering) Joseph Gregory Kain‡ (Engineering) Sophia Kristina Alvarez‡ (Engineering)	Jitesh H Panchal (Engineering) Charles Jensen (Engineering)
Poster #1006 presented 11/17 @ 9:00-10:00am	Daniel Arnett† (Engineering) Xavier Zuniga† (Engineering) Anish Madhan Raj† (Engineering) Jeongin Shin† (Engineering) Riya Singh† (Engineering) Ishika Bhagya Pandurangam† (Engineering) Daniel Gurenko† (Engineering)	Woongkul Lee (Engineering)
Poster #1007 presented 11/17 @ 9:00-10:00am	Victoria Baranets† (Science|JMHC)	Vinay Vinay (Science) Christina W Li (Science)
Poster #1008 presented 11/17 @ 9:00-10:00am	Amy Michelle Basca† (Engineering) Rohan Bajpai‡ (Engineering) Megan Ashley Wolin‡ (Engineering|JMHC) Alejandro Luis Cordero‡ (Science) Alexander S Park‡ (Polytechnic) Jonathon Jinwoo Lim‡ (Science) Navya Gupta‡ (Engineering) Ropan Datta‡ (Science);	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering) Benjamin Shiue-Hal Chou (Engineering)
Poster #1009 presented 11/17 @ 9:00-10:00am	Jessica Bazel† (Engineering)	Qiwei Dong (Engineering) Elizabeth Tarami Su (Engineering) Kevin John Otto (Engineering)
Poster #1010 presented 11/17 @ 9:00-10:00am	Andrew Paul Becker† (Engineering|JMHC)	Andrew Owen Fewell (Engineering)
Poster #1012 presented 11/17 @ 9:00-10:00am	Jake Belenkiy† (Engineering) Owen Zane Bianchi† (Science) Parth Jain† (Science) Gurucharan Mannur† (Engineering)	Andy Jung (Science) Noah Charles Singer (Science)
Poster #1013 presented 11/17 @ 9:00-10:00am	Laura Beltran Sarmiento† (Science)	Esteban Fernandez-Juricic (Science) Ryan B Lunn (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1014 presented 11/17 @ 9:00-10:00am	Wendy Daniela Benitez Gomez† (Engineering)	Robert A Campbell (PWL) Tillmann C Kubis (Engineering)
Poster #1016 presented 11/17 @ 9:00-10:00am	Katrina Uma Boland† (Engineering|JMHC)	Caue Sciascia Borlina (Science) Daniel Suter (Science) D. Marshall Porterfield (Agriculture|Engineering) Richard John Barker (Engineering)
Poster #1017 presented 11/17 @ 9:00-10:00am	Advait Bragadeesh† (Science)	Linda E Haynes (Liberal Arts)
Poster #1018 presented 11/17 @ 9:00-10:00am	Sara Sofia de Fatima Bucheli Lazo† (Purdue University) Silvia Helena Lopez Serrano‡ (Purdue University) Isabella Zuluaga Gomez‡ (Purdue University)	Christina R Ferreira (Centers & Institutes) Ryan T Hilger (Science) Devender Arora (Centers & Institutes)
Poster #1019 presented 11/17 @ 9:00-10:00am	Alexander Peng Fei Symonds† (Engineering) Kaia Katherine Lee Starnino† (Engineering) Ezra Lee Buzzard-Cooke† (Engineering)	Garth J Simpson (Science) Alexander William Litts (Science)
Poster #1020 presented 11/17 @ 9:00-10:00am	Kiara Travero Cabriana† (HHS)	Carla B Rosell (Liberal Arts)
Poster #1021 presented 11/17 @ 9:00-10:00am	Jayden Lee Cammarata† (Liberal Arts|Science|JMHC)	Adam Watkins (JMHC)
Poster #1022 presented 11/17 @ 9:00-10:00am	Pin-Yu Chen† (Engineering) Muhammad Mahdi Marzan† (Engineering) Su Yeon Choi† (Engineering) Ankit Pulivendula† (Engineering) Henry N Kuehl† (Engineering) Haneul (Sky) Kim‡ (Polytechnic)	Zhihong Chen (Engineering) Peter Bermel (Engineering) Joerg Appenzeller (Engineering)
Poster #1023 presented 11/17 @ 9:00-10:00am	Henry Cheung† (Science) Nakul Iyer† (Engineering) Chris Jun Park† (Engineering)	Yung-Hsiang Lu (Engineering) Zihao Ye (Engineering)
Poster #1024 presented 11/17 @ 9:00-10:00am	Sishir Chilakamarri† (Science|JMHC)	Esra Tepeli (Polytechnic)
Poster #1025 presented 11/17 @ 9:00-10:00am	Vihaan Reddy Chinthakindi† (Engineering) Robert Yida Zhang† (Engineering)	Hassan Al-alawi (Engineering)
Poster #1026 presented 11/17 @ 9:00-10:00am	Yun-Hsuan Chiu† (Engineering) Abid Hasan Khan† (Engineering) Gautham Paramasivam† (Engineering) Jai Anand Keskar† (Engineering) Matteo Giovanni Wahab† (Engineering) Yu-En Lee† (Engineering) Jhih-Chen Yang† (Engineering)	Mark Johnson (Engineering) Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering)
Poster #1027 presented 11/17 @ 9:00-10:00am	Andrew Thomas Choung† (Engineering) Michael K Lau† (Engineering)	Chih-Chun Wang (Engineering) Husheng Li (Engineering) David J Love (Engineering) James V Krogmeier (Engineering)
Poster #1028 presented 11/17 @ 9:00-10:00am	Christina Moriah Collins† (HHS)	Carla B Rosell (Liberal Arts)
Poster #1031 presented 11/17 @ 9:00-10:00am	Carson Dennis Cornell† (HHS)	Carla B Rosell (Liberal Arts)
Poster #1033 presented 11/17 @ 9:00-10:00am	Kyler Dong† (Science)	Harris J Bras (Liberal Arts)
Poster #1034 presented 11/17 @ 9:00-10:00am	Athena Maria Adelina Maria Adelina Dourado† (Engineering) Jensen Y Feng† (Engineering) Leonard Dominic Buss† (Engineering)	Srilekha Jagarlamudi (Engineering)
Poster #1035 presented 11/17 @ 9:00-10:00am	Jocelyn Dumouchel† (Science) Olivia Carol Perkins† (Science) Hannah Dengler* (Science)	Savannah Mireille Hatch (Science) Jeffrey Edward Dick (Science) Ashutosh Rana (Science) Thomas A Everett (Engineering)
Poster #1039 presented 11/17 @ 9:00-10:00am	Colton Luke Evans† (Science)	Harris J Bras (Liberal Arts)
Poster #1040 presented 11/17 @ 9:00-10:00am	Yuehuan Fang† (Science)	Jun Xie (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1041 presented 11/17 @ 9:00-10:00am	Brandon Anthony Farber† (Engineering|JMHC) Kyle Zhen-Han Wang† (Engineering) Yuwen Song† (Engineering) Nikhil K Raman† (Engineering) Nolan Cai Tai† (Engineering) Xin Chen Lu† (Engineering)	Ryan Prado Bailey (Engineering) Chengyu Chiu (Engineering)
Poster #1042 presented 11/17 @ 9:00-10:00am	Zixuan Fei† (Engineering|JMHC)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Poster #1043 presented 11/17 @ 9:00-10:00am	David Edward Funkhouser† (Engineering) Elizabeth Anne Brochet† (Engineering) Emmanuel Jose Chevalier† (Engineering) Jenna Reed Boknecht† (DSB) Nicole Elizabeth Bunag† (Engineering) Koji Robert Dennis‡ (Engineering)	Aparajita Jaiswal (Engineering) Dikai Xu (Engineering)
Poster #1044 presented 11/17 @ 9:00-10:00am	Jakub Gasiorowski† (Science)	Joshua Taylor Koval (Science) Julia Laskin (Science)
Poster #1045 presented 11/17 @ 9:00-10:00am	Tanish Ghai† (Engineering) Benjamin Jay Weile‡ (Engineering|JMHC)	Thomas H Siegmund (Engineering)
Poster #1046 presented 11/17 @ 9:00-10:00am	Bobby Gu† (Engineering) Leo Jeffrey Janert† (Engineering) Adithya Anand† (Engineering|JMHC) Aditya H Joshi† (Engineering) Arush R Katrekar† (Engineering) Gechun Guo† (Science)	Peter Bermel (Engineering) Saeed Mohammadi (Engineering)
Poster #1047 presented 11/17 @ 9:00-10:00am	Purujit Gujral† (Science)	Linda E Haynes (Liberal Arts)
Poster #1048 presented 11/17 @ 9:00-10:00am	Yonathan Gur† (Engineering) Rudra Sarker Das† (Engineering)	Peter Bermel (Engineering) Muhammad A Alam (Engineering) Angshuman Deka (Centers & Institutes)
Poster #1049 presented 11/17 @ 9:00-10:00am	Ryan Yaw Gyasi-Nimako† (Science|JMHC) Aarav Mathur† (HHS)	Oluwaseyi Michael Oderinde (HHS) Carly M Reynolds (Science)
Poster #1051 presented 11/17 @ 9:00-10:00am	Gaetano Antonio Iannotta† (Engineering) Jason Jaeho Song† (Liberal Arts|Science) Bharath Anand† (Engineering) Tyler Daniel Grabowski† (Engineering) Henry Patrick Breen† (Science) Boyang Wu‡ (Engineering) Zhenghao Xu‡ (Engineering) Anay Misra‡ (Scie	Qiang Qiu (Engineering) Wei Zakharov (Libraries) Colby Acton (Engineering) Wei Chen (Engineering)
Poster #1052 presented 11/17 @ 9:00-10:00am	Nikhita Iyer† (Liberal Arts|Polytechnic)	Karrie Kaiser Lee (Liberal Arts)
Poster #1053 presented 11/17 @ 9:00-10:00am	Ayush A Kabirpara† (Engineering|JMHC)	Benjamin Zeidler (Engineering) Craig Goergen (Engineering)
Poster #1054 presented 11/17 @ 9:00-10:00am	Emma Jayne Karber† (Vet Med|JMHC)	Carla B Rosell (Liberal Arts)
Poster #1056 presented 11/17 @ 9:00-10:00am	Jihee Kim† (Engineering) Noah Zhu† (Engineering) Zhicheng Benjamin Li† (Engineering)	Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering)
Poster #1057 presented 11/17 @ 9:00-10:00am	Olivia Lucille Kimmick† (Science) Alessia Lin Heiser† (Science)	Ahmed Abdelkhale Hassan (Vet Med) Mahmoud Adel Mohamed Sayed Ahmed (Vet Med) Ahmed Abdelaleem Abdelhafeez Mohammed (Vet Med)
Poster #1058 presented 11/17 @ 9:00-10:00am	Kyle Klaas† (Engineering|JMHC)	Xinghang Zhang (Engineering) Tanner O McElroy (Engineering) Patrick Zhang Tong Hearne (Engineering)
Poster #1059 presented 11/17 @ 9:00-10:00am	Abigail Koons† (Science)	Hilkka Kenttamaa (Science) Razieh Zamani (Science)
Poster #1060 presented 11/17 @ 9:00-10:00am	Vihitha Kumar† (Science) Gabriella Smith† (Science|JMHC) Preston Jacob Scott† (Science) Mathias Logan Allen† (Science)	Andy Jung (Science) Danny Milisavljevic (Science) Lauren Grace Murphy (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1061 presented 11/17 @ 9:00-10:00am	Connor Matthew Lai† (Engineering) Jack Mangas† (Engineering|JMHC) Minseok Kim† (Engineering)	Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering)
Poster #1063 presented 11/17 @ 9:00-10:00am	Matthew Lau† (Engineering)	Jaeeun Kim (Engineering)
Poster #1064 presented 11/17 @ 9:00-10:00am	Burhanuddin Sajidbhai Laxmidhar† (Science)	Karthik Sankaranarayanan (Agriculture|Engineering) Joel Jenson Kuriakose (Agriculture|Engineering)
Poster #1065 presented 11/17 @ 9:00-10:00am	Avryn Glynis Leary† (HHS) Joshua Furst† (HHS) Kenna Lyn Wollard† (HHS) Morgan Brianna Hirschhorn† (HHS|JMHC) Cassidy Rose Nevitt† (HHS)	Mark Wilson (HHS)
Poster #1066 presented 11/17 @ 9:00-10:00am	Cheyi Lee† (Science)	Karrie Kaiser Lee (Liberal Arts)
Poster #1067 presented 11/17 @ 9:00-10:00am	Alejandro Jose Lima† (Engineering) Aadya Abhyankar† (Engineering) Adir Shtalryd† (Engineering) Pearl Wadhwa† (Engineering) Arahan Amit Shah† (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Samuel Labi (Engineering)
Poster #1068 presented 11/17 @ 9:00-10:00am	Yu-Hsien Liu† (Engineering|Science)	Steven R Dunlop (DSB)
Poster #1069 presented 11/17 @ 9:00-10:00am	Jacob Charles Long† (Engineering) Sean Peter Steinmetz† (Engineering) Zheng Yang Stephen Lim† (Engineering) Benjamin Charles McTarsney† (Engineering) Margulan Mukhametkarim† (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Richard Ajagu (Engineering)
Poster #1071 presented 11/17 @ 9:00-10:00am	Ivan Daniel Marquez Julio† (Engineering)	Akanshu Sharma (Engineering) Luis David Fernandez Vasquez (Engineering)
Poster #1074 presented 11/17 @ 9:00-10:00am	Noah O Meroueh† (Engineering|Science) Kyle s Ohlin‡ (Science)	Michael James Manfra (Engineering|Science) Wyatt Rhys Gibbons (Science) Kevin Alexander Barrow (Science) Rojila Ghimire (Science) Tyler Lindemann (Science)
Poster #1075 presented 11/17 @ 9:00-10:00am	Emilio Alejandro Meza Viera† (Science)	Catherine L Searle (Science) Shahed Uddin Ahmed Shazib (Science) David Rabern Simmons (Agriculture)
Poster #1076 presented 11/17 @ 9:00-10:00am	Amelia Franciszka Mietus† (Engineering) Eliezer Jasper Rudolph-Harris† (Engineering) Anna Z Dalton† (Engineering) Iris Tsai† (Engineering) Philip Louis-Karl Zautke† (Engineering) Garima Thapliyal† (Engineering) Isabelle Lucie Regnault† (Engineering)	Brady Philhower (Engineering)
Poster #1077 presented 11/17 @ 9:00-10:00am	Sahil Mitra† (Engineering)	Nikkhil Vijaya Sankar (Engineering) Mohammad Reza Jahanshahi (Engineering)
Poster #1078 presented 11/17 @ 9:00-10:00am	Cooper Mohr† (DSB|Engineering|JMHC)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Poster #1079 presented 11/17 @ 9:00-10:00am	Jhojan Alejandro Montana Ahumada† (Engineering)	Tillmann C Kubis (Engineering) Daniel A Lemus (Engineering) Robert A Campbell (PWL)
Poster #1080 presented 11/17 @ 9:00-10:00am	Sahana Mukund† (Science) Samiya Balu‡ (Engineering)	Alejandro H Strachan (Engineering) Aidan Damian Pantoya (Engineering) Rushik Desai (Engineering)
Poster #1082 presented 11/17 @ 9:00-10:00am	Charles Porter Olson† (Engineering) Nina O'Tain* (Agriculture) Sierra J Kingsford* (Agriculture)	Tingting Ju (Agriculture) James Frederick Markworth (Agriculture) Xinyue Lu (HHS)
Poster #1083 presented 11/17 @ 9:00-10:00am	Nina O'Tain† (Agriculture) Charles Porter Olson* (Engineering) Dylan Thomas Day* (Agriculture)	Tingting Ju (Agriculture) Jose Carlos Cabezas Alvarez (Agriculture) Jinyoung Lee (Agriculture) Jinsu Hong (Agriculture) Brian T Richert (Agriculture)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1085 presented 11/17 @ 9:00-10:00am	Tejas Pandit† (Engineering) Sahda Mohammadu Haroon* (Engineering)	Xavier I Morgan-Lange (Engineering) Clark Lay (Engineering) David Warsinger (Engineering)
Poster #1086 presented 11/17 @ 9:00-10:00am	Rohan Pardeshi† (Science)	Jaeeun Kim (Engineering)
Poster #1087 presented 11/17 @ 9:00-10:00am	Truman Carl Parrish† (Engineering) Nicholas B Flowers† (Engineering) Leo Sun† (Engineering)	Andy Jung (Science) Ace Rounds (Science)
Poster #1088 presented 11/17 @ 9:00-10:00am	Neha Paruchuri† (HHS|JMHC) Paige Elisabeth Hazelrigg† (HHS) Hannah Celine Wade† (HHS|JMHC) Daniella Prisca Galvez† (HHS) Autumn L Onken† (HHS)	Mark Wilson (HHS)
Poster #1089 presented 11/17 @ 9:00-10:00am	Cameron Thomas Patt† (Engineering)	Niels van Ritbergen (Engineering) Mark Johnson (Engineering)
Poster #1090 presented 11/17 @ 9:00-10:00am	Nikolai Perebeinos† (Engineering) Vaishnnavi Purram* (Engineering|JMHC)	Xianfan Xu (Engineering) Anwarul Islam Akash (Engineering) Luke Calen Johnson (Engineering) Thomas Edwin Beechem (Engineering) Fernando Josue Vega (Engineering) Haesung Kim (Engineering) Junwoo Jang (Engineering)
Poster #1093 presented 11/17 @ 9:00-10:00am	Suhani Rana† (Science)	Perianne Elizabeth Johnson (Science) Ali Bramson (Science)
Poster #1094 presented 11/17 @ 9:00-10:00am	Amrita Rani Rapartі† (Science)	Deva Chan (Engineering) Ryan Michael Meister (Engineering)
Poster #1096 presented 11/17 @ 9:00-10:00am	Colton Rockers† (Engineering)	Davide Ziviani (Engineering) Listier Apella Otieno (Engineering)
Poster #1097 presented 11/17 @ 9:00-10:00am	Alejandro Rodas Montoya† (Purdue University)	Nicolas Mauricio Morato Gutierrez (Centers & Institutes) Beinan Yang (Agriculture) Saurabh Gireesan (Science) Andrew D Mesecar (Centers & Institutes) Robert Graham Cooks (Science) Yunfei Feng (Science) Shiva Ataei (Science)
Poster #1098 presented 11/17 @ 9:00-10:00am	McKenzie Russell† (Science)	Sydney Nicole Bogan (Agriculture) Misa S Meadows (Agriculture) Arun K Ghosh (Pharmacy|Science) Andrew D Mesecar (Centers & Institutes)
Poster #1099 presented 11/17 @ 9:00-10:00am	Diana Christine Sarle† (Science|JMHC)	Mousumi Saha (Science) Robert Graham Cooks (Science) Manish Jana (Science) Evandro Piccin (PWL)
Poster #1100 presented 11/17 @ 9:00-10:00am	Maren Elizabeth Selle† (Engineering) Aahana Yadav† (Science) Erin KaiChi Too† (Science) Jake Joseph Kuper† (DSB)	Soudabeh Taghian Dinani (Engineering)
Poster #1101 presented 11/17 @ 9:00-10:00am	Benjamin James Seo† (Engineering|JMHC)	Jainil Dharmil Shah (Engineering)
Poster #1103 presented 11/17 @ 9:00-10:00am	Kashvi Shahi† (Engineering) Suyash Dash* (Polytechnic|JMHC) Alessia Chiesara galiasso* (Engineering)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Poster #1104 presented 11/17 @ 9:00-10:00am	Lynna Gail Shanor† (HHS|JMHC)	Rebecca Marks (HHS) Kelsey Elizabeth Davison (HHS)
Poster #1105 presented 11/17 @ 9:00-10:00am	Aindri Abhishek Singh† (Science)	Shreyas Ganesan Iyer (Science) Andrea L Kasinski (Science) Alejandra Romero Alzate (Science) Digambar Kumar Waiker (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1106 presented 11/17 @ 9:00-10:00am	Ayush Singh† (Science) Abhi Theo Hakhu† (Engineering) Lohit Jagarlamudi† (Science) Vickram Chennupati‡ (Science)	James C Davis (Engineering)
Poster #1107 presented 11/17 @ 9:00-10:00am	Rushan Mahammad Sipai† (Engineering) Nathan Lee† (Engineering) Codrut Theodore Pintea White† (Engineering)	James Michael Goppert (Engineering) Alexander Kmetko (Engineering)
Poster #1108 presented 11/17 @ 9:00-10:00am	Connor Siurek† (Science|JMHC) Jordan Kyle Gracey Srinivasan† (Science) Kylen Winslett† (Polytechnic) Sicheng Zhang† (Science)	Andy Jung (Science) Noah Charles Singer (Science)
Poster #1109 presented 11/17 @ 9:00-10:00am	Paul Shannon Slack† (Engineering|JMHC) Daniel Ivan Lopez† (Engineering|JMHC) Aleksander Colby Witt† (Engineering) Joseph Timothy Kritenbrink† (Engineering) Michael K Lau‡ (Engineering)	Chih-Chun Wang (Engineering) Husheng Li (Engineering) David J Love (Engineering) James V Krogmeier (Engineering)
Poster #1110 presented 11/17 @ 9:00-10:00am	Jacob Mirgon Smetana† (HHS)	Catherine Jean Shukle (Liberal Arts)
Poster #1111 presented 11/17 @ 9:00-10:00am	Sudarshan Sridhar† (Engineering)	Junjie Qin (Engineering) Gu (Engineering)
Poster #1112 presented 11/17 @ 9:00-10:00am	Margaret Anna May Stamm† (Engineering) Antonia Vlahos† (Engineering) Enze Chen† (Engineering) Brady Mitchel Buie† (Engineering) Alexander Strelnikov† (Science) William Antonio Keyes† (Engineering|JMHC) Po-Han Yang† (Engineering) Esther Wu† (Enginee	Tyler N Tallman (Engineering)
Poster #1115 presented 11/17 @ 9:00-10:00am	Joshua Andy Theng† (Engineering)	Cyndi Lynch (Polytechnic)
Poster #1116 presented 11/17 @ 9:00-10:00am	Abby L Thompson† (Science|JMHC) Hannah Margeurite Kitts‡ (Engineering|JMHC) Sadie Catherine van der Spuy‡ (Engineering)	Nadezhda N Zyaykina (Engineering)
Poster #1117 presented 11/17 @ 9:00-10:00am	Karlin To† (Engineering)	Pedro Henrique de Souza Barbosa (Engineering) Wenzhuo Wu (Engineering)
Poster #1118 presented 11/17 @ 9:00-10:00am	Brooke Annabelle Tran† (Agriculture|JMHC)	Joe Ogas (Agriculture) Jiaxin Long (Agriculture)
Poster #1120 presented 11/17 @ 9:00-10:00am	Brendan Henry Uhlinger† (Engineering) Justin Tan† (Engineering)	Pranav Sangam (Engineering)
Poster #1124 presented 11/17 @ 9:00-10:00am	Diya Vishwakarma† (HHS)	Robert V Stahelin (Pharmacy) Kyra Ann Forsyth (Pharmacy)
Poster #1125 presented 11/17 @ 9:00-10:00am	Theoni Christina Vlachos† (Science|JMHC) Wing Man Stacie Chan† (Pharmacy|JMHC)	Brady Michael Woods (Pharmacy) Jean-christophe Rochet (Pharmacy)
Poster #1126 presented 11/17 @ 9:00-10:00am	Gabrielle Vonder Embse† (Science) Phoenix Moore† (Science|JMHC)	Aparna Desai (Science) Brian Metzger (Science)
Poster #1127 presented 11/17 @ 9:00-10:00am	Alyssa Wan† (Engineering) Adikesh S Nathan† (Science)	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1128 presented 11/17 @ 9:00-10:00am	Taozhe Wang† (Polytechnic)	Daniel P Triplett (Polytechnic)
Poster #1130 presented 11/17 @ 9:00-10:00am	Shaivi B Wankhede† (DSB)	Prateek Jaiswal (DSB)
Poster #1134 presented 11/17 @ 9:00-10:00am	Makayla Marie Woodward† (Agriculture|JMHC) Carissa Aiello† (Engineering|Liberal Arts|JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1137 presented 11/17 @ 9:00-10:00am	Annika Ybarra† (Science)	Christopher Aaron Rice (Vet Med) Kamana Thapa (Vet Med) Chayan Sharma (Vet Med)
Poster #1138 presented 11/17 @ 9:00-10:00am	Jaiveer Zaveri† (DSB) Adam Stanley Jurewicz† (DSB) Luca T Miloscia† (Engineering) Ryan Zhao† (Engineering)	Richard Ajagu (Engineering) Sabine Brunswicker (Polytechnic) Christopher Rashidian (Polytechnic) Alexander Kmetko (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1139 presented 11/17 @ 9:00-10:00am	Jacob Junjie Zhang† (Engineering)	Shaiv Mehra (Engineering) Maxwell Ryan Kawada (Engineering) Bradley S Duerstock (Engineering)
Poster #1140 presented 11/17 @ 9:00-10:00am	Amanda Zheng† (Engineering) Ethan C Peyton† (Engineering|JMHC)	Seyedehmarzieh Rouhani (Engineering)
Poster #1141 presented 11/17 @ 9:00-10:00am	Julius Zhou† (Science) Minh Huy Pham† (Science) Kabyn Patrick Allen Peterson† (Science) Chibin Hwee Loo† (Science) Saachika Yadav† (Engineering)	Zahra Ghodsi (Engineering)
Poster #1201 presented 11/17 @ 10:30-11:30am	Diya Ambat† (Science|JMHC)	Jean-christophe Rochet (Pharmacy) Bryce Colon (Pharmacy) Andrew Edward Sayers (Pharmacy)
Poster #1203 presented 11/17 @ 10:30-11:30am	Payton Scott Baker† (Science) Beatrice V Dyas† (Science) Laurel Frances Tayloe† (Science) Noah Miller† (Science|JMHC)	Pranav Ballaney (Science)
Poster #1204 presented 11/17 @ 10:30-11:30am	Courtlyn V Bales-Hall† (Science|JMHC) Christian D Guess* (Science|JMHC)	Faith Duryea McCauley (Science) Angeline M Lyon (Science)
Poster #1207 presented 11/17 @ 10:30-11:30am	Olivia Maria Biggs† (Engineering)	Harris J Bras (Liberal Arts)
Poster #1208 presented 11/17 @ 10:30-11:30am	Daniela Christina Boyer† (Science)	Stephanie Lynn Barrios (Science) Angeline M Lyon (Science) Elisabeth E Garland (Science)
Poster #1210 presented 11/17 @ 10:30-11:30am	Natalie Margaret Brenner† (HHS|JMHC) Amanda Schuler† (HHS|Liberal Arts|JMHC) Munazzah M Ali‡ (HHS|JMHC)	Haocen Wang (HHS) Trinity Fe Miranda (DSB|JMHC) Valentina Santoyo-Angulo (HHS) Evan K Perrault (Liberal Arts) Yadira Santiago Banuelos (HHS)
Poster #1211 presented 11/17 @ 10:30-11:30am	Braden Callaway† (Engineering) Aru Patwardhan† (Engineering) Simarleen Kaur† (Engineering) Noah Robert Wykoff† (Engineering) Bo Chen† (Engineering) Aryaan Hegde† (Engineering)	James Michael Goppert (Engineering)
Poster #1214 presented 11/17 @ 10:30-11:30am	Natalie Cebulko† (Liberal Arts|Science)	Ace Rounds (Science) Anna Elizabeth Ellery (Liberal Arts|Science|JMHC)
Poster #1215 presented 11/17 @ 10:30-11:30am	Juan David Cepeda† (Engineering)	Ramses Martinez (Engineering) Daniel Kiyoshi Kuratomi (Engineering)
Poster #1216 presented 11/17 @ 10:30-11:30am	Maria Chaklasi† (Science|JMHC)	Isabella Grace Feltenstein (Science) Bryon Shane Drown (Science) Weiguo Andy Tao (Agriculture|Science) Nathaniel Merrick Miller (Agriculture)
Poster #1217 presented 11/17 @ 10:30-11:30am	Anant Varadaraja Chary† (Engineering) Don Anh Nguyen† (Engineering) Nicha Muninnimit† (Engineering) Mayank Patibandla† (Engineering|JMHC) Mixuan Pan† (Engineering) Aaryan Panigrahi† (Engineering)	Nikhil Kishore Vaidyanath (Engineering)
Poster #1220 presented 11/17 @ 10:30-11:30am	Wen Xun Chua† (Engineering) Bunshiro Fujiwara† (Engineering) Purnata B Dey† (Engineering)	Shaista ijaz Khan (Science) Zhenhua Zeng (Science)
Poster #1223 presented 11/17 @ 10:30-11:30am	Grant Creedican† (United States Military Academy)	Andrew Banko (United States Military Academy West Point)
Poster #1224 presented 11/17 @ 10:30-11:30am	Benjamin Cruser† (Science)	Ximena Bernal (Science) Richa Singh (PWL)
Poster #1225 presented 11/17 @ 10:30-11:30am	Kate Curran† (United States Military Academy West Point)	Andrew Banko (United States Military Academy West Point)
Poster #1226 presented 11/17 @ 10:30-11:30am	Nguyen Viet Dinh† (Engineering) Jingya Xu† (Engineering)	Seyedehmarzieh Rouhani (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1228 presented 11/17 @ 10:30-11:30am	James Robert Erwin† (Engineering|JMHC) Aman Katyal† (Engineering) Aryan Shekhar Karani† (Engineering) Seth Jacob Baird† (Polytechnic) Simon P Bosslet† (Science) Sanjay Sriram† (Engineering) Aditya Puri† (Engineering) Khushi Umesh Shaha† (Engineerin	Hassan Al-alawi (Engineering) Mikhail Golovenchits (Engineering)
Poster #1230 presented 11/17 @ 10:30-11:30am	Kenzo Avery Evans† (Engineering) Samridh Prabhakar† (Engineering) Matthew Tran Dinh† (Engineering) Ethan Xinghan Tan† (Engineering|JMHC) Sophia Ho† (Engineering) Aarush Agarwal† (Engineering|JMHC)	Peter Bermel (Engineering) Saeed Mohammadi (Engineering) Noah F Opondo (Centers & Institutes) Joon Hyeong Park (Centers & Institutes)
Poster #1231 presented 11/17 @ 10:30-11:30am	Henry Ewald† (Engineering) Ethan Wayne Williamson† (Engineering) Graham Wright Templeton† (Engineering|JMHC) Zachary Ray White† (Engineering) Anusha Sharma† (Engineering) Karan Vijayakumar† (Engineering) Danish S Sanwarwala† (Engineering) Claire A	D. Marshall Porterfield (Agriculture|Engineering) Manisha Dagar (Agriculture|Engineering) Alvin Hu (Engineering)
Poster #1232 presented 11/17 @ 10:30-11:30am	Brian Farkas† (Engineering) Naveen Mundlapudi† (Engineering)	Christopher Rashidian (Polytechnic) Sabine Brunswicker (Polytechnic)
Poster #1233 presented 11/17 @ 10:30-11:30am	Jess Fetter† (Engineering) Madison Taylor Jac Kang† (Engineering) Owen Paul Spiezio† (Engineering) Aditya Shailendra Itnal† (Engineering) Eren Latif Ozeken† (Engineering) Brandon Chen† (Engineering) Ross L Miller‡ (Engineering) Reece Robb* (DSB) B	Curtis Earl Marshall (Engineering)
Poster #1234 presented 11/17 @ 10:30-11:30am	Nicholas B Flowers† (Engineering) Truman Carl Parrish† (Engineering) Leo Sun† (Engineering)	Andy Jung (Science) Ace Rounds (Science)
Poster #1236 presented 11/17 @ 10:30-11:30am	Zane Gilmore† (Engineering)	Carla B Rosell (Liberal Arts)
Poster #1237 presented 11/17 @ 10:30-11:30am	Aspen E Gilstrap† (Engineering) Andrew Zhe Chen† (Liberal Arts|Polytechnic) Caden Joshua Clifford† (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1238 presented 11/17 @ 10:30-11:30am	Jenna L Golden† (Science|JMHC)	Madeline Christina Coffey (Vet Med) Kari J Ekenstedt (Vet Med)
Poster #1239 presented 11/17 @ 10:30-11:30am	David Esteban Gonzalez Rozo† (Polytechnic)	Jose M Garcia Bravo (Polytechnic) Marvin Raymundo Durango Cogollo (Polytechnic)
Poster #1241 presented 11/17 @ 10:30-11:30am	Ramiro Guntin Rodriguez† (DSB|Engineering) Lindsey Liu† (Engineering) Arnav Srivastava† (Engineering) Ronick N Kothare† (Engineering) Tony Chen† (Science)	Ghazi Khan (Engineering) Samuel Theodore Elkin (Engineering) Thomas Roth (Engineering)
Poster #1242 presented 11/17 @ 10:30-11:30am	Siena Haase† (Engineering)	Pranshu Maan (Engineering) Alexander V Kildishev (Engineering)
Poster #1243 presented 11/17 @ 10:30-11:30am	Emma Grace Hannon† (Agriculture|JMHC)	Kathleen M Ivester (Vet Med) Laurent L Couetil (Vet Med) Laura M Murray (Vet Med)
Poster #1245 presented 11/17 @ 10:30-11:30am	Jasmine Harper† (Science|JMHC) Norah Riley Kopolow* (Science)	Stephen R Lindemann (Agriculture) Mariana Guzman Sanchez (HHS)
Poster #1248 presented 11/17 @ 10:30-11:30am	Ella Dominica Hodnett† (Engineering) Lucas Garrett Doggett† (Engineering) Henry Lucas Zitoun† (Engineering) Rishi Jignesh J Bhate† (Engineering) Abigail Lim† (Engineering)	Curtis Earl Marshall (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1249 presented 11/17 @ 10:30-11:30am	Rayna Huang† (Engineering)	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1251 presented 11/17 @ 10:30-11:30am	Fernando Injoque Guadana† (Engineering)	Robert A Campbell (PWL) Tillmann C Kubis (Engineering)
Poster #1252 presented 11/17 @ 10:30-11:30am	Nakul Iyer† (Engineering) Hudson Cote† (Science) Nishant Sudeep Sudeep Nair† (DSB|Engineering) Jake Adius Schmucker† (DSB) Sahil Sadiq Lalani‡ (Engineering)	Aparajita Jaiswal (Engineering) Logan Thomas Anderson (Engineering)
Poster #1253 presented 11/17 @ 10:30-11:30am	Siyona Jayant† (Engineering)	Jing Zang (Engineering) Brandon J Pitts (Engineering)
Poster #1255 presented 11/17 @ 10:30-11:30am	Allison Morgan Jones† (Agriculture)	Tommy Butts (Agriculture) Bryan G Young (Agriculture) Julie M Young (Agriculture) Maria Carolina de Carvalho Rocha Souza (Agriculture)
Poster #1256 presented 11/17 @ 10:30-11:30am	Avani Kabra† (Science|JMHC)	Satyajit S Ambike (HHS) Jeffrey M Haddad (HHS)
Poster #1257 presented 11/17 @ 10:30-11:30am	Sai Karthik† (Engineering|Science)	Yirang Park (Engineering) Andres Felipe Cabeza Pulido (Engineering) David Esteban Bernal Neira (Engineering)
Poster #1259 presented 11/17 @ 10:30-11:30am	Sophie Kelly† (Engineering) Aravind Narayan Balasubramanian† (Engineering) Caden James Rowse† (Engineering) Sahil Vijay† (Engineering)	Jaeeun Kim (Engineering)
Poster #1260 presented 11/17 @ 10:30-11:30am	Seokjae Kim† (Engineering) Dakyung Kim† (Engineering) Hsin-Yu Tsern† (Engineering) Ningang Han† (Engineering)	Niels van Ritbergen (Engineering)
Poster #1263 presented 11/17 @ 10:30-11:30am	Sean Larson† (Engineering) Matthew C Lee† (Engineering) Thomas Grant Helmbrecht‡ (Engineering) Valentino Angel Cattaneo‡ (Engineering) Thomas Edward Lowry‡ (Engineering) Jack M Triglianos‡ (Engineering) Brandon Myles Strug‡ (Engineering) Vidyut C M	James Michael Goppert (Engineering)
Poster #1264 presented 11/17 @ 10:30-11:30am	Reagan Laser† (Science) Ehren Kuehl† (Science)	Patrick Herchenbach (Science) Jeffrey Edward Dick (Science)
Poster #1265 presented 11/17 @ 10:30-11:30am	Michael K Lau† (Engineering) Dharmik Rasineni† (Engineering) Yash Pankhaniya Das† (Engineering) Ishan Murthy† (Engineering) Corrine Tseng† (Engineering)	James Michael Goppert (Engineering) Alexander Kmetko (Engineering) Aditya K Chintakayala (Engineering)
Poster #1266 presented 11/17 @ 10:30-11:30am	McKenzie Laucher† (Engineering)	Nachiket Vatkar (Engineering) Wenzhuo Wu (Engineering)
Poster #1267 presented 11/17 @ 10:30-11:30am	Harrison Lee† (Engineering)	Mark Johnson (Engineering) Cole Aaron Nelson (Engineering)
Poster #1268 presented 11/17 @ 10:30-11:30am	Ana Sofia Leiva Aldana† (Agriculture|Engineering)	D. Marshall Porterfield (Agriculture|Engineering) Richard John Barker (Engineering) Shiva Ataei (Science) Nicolas Mauricio Morato Gutierrez (Centers & Institutes)
Poster #1269 presented 11/17 @ 10:30-11:30am	Grace Lincoln† (Engineering) Argustus Louis Powell† (Engineering)	Julie Ying Hui Ji (PWL) Sungsoo Na (PWL) Scotty Secrist (PWL)
Poster #1270 presented 11/17 @ 10:30-11:30am	Audrey Lynne Lindberg† (Science) Manaswini Singh‡ (Science)	Tiancong Zhu (Science) Christopher Antonio Ulate (Science) Kyung Jun Lee (Science)
Poster #1271 presented 11/17 @ 10:30-11:30am	Felix Liu† (Engineering) Zay Linn Htet* (Engineering) Tushar Singh* (Engineering|JMHC)	Zach Anthony Barna (Engineering) Shams Tahsinul Hoque (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1272 presented 11/17 @ 10:30-11:30am	Sreshta Reddy Loka† (Engineering|JMHC) Sricharan Pusarla† (Engineering) Nehemiah Namin Kim‡ (Pharmacy) Keaton T Hale‡ (Science) Tuna Tamkan‡ (Engineering)	Ryan B Wagner (Engineering) Subham Das (Engineering)
Poster #1273 presented 11/17 @ 10:30-11:30am	Silvia Helena Lopez Serrano† (Purdue University) Sara Sofia de Fatima Bucheli Lazo‡ (Purdue University) Isabella Zuluaga Gomez‡ (Purdue University)	Christina R Ferreira (Centers & Institutes) Ryan T Hilger (Science) Devender Arora (Centers & Institutes)
Poster #1274 presented 11/17 @ 10:30-11:30am	Yoshita Mahesh† (Engineering) Taviish Bothra† (Engineering)	Zach Anthony Barna (Engineering) Charles Spencer Bowles (Engineering)
Poster #1276 presented 11/17 @ 10:30-11:30am	Omkar Abhay Mamidpalliwar† (Science)	Jonathan C Rienstra-Kiracofe (Science)
Poster #1278 presented 11/17 @ 10:30-11:30am	Ella Marks† (Engineering)	Jaeeun Kim (Engineering)
Poster #1279 presented 11/17 @ 10:30-11:30am	Michael Marsigliano† (United States Military Academy)	Andrew Banko (United States Military Academy West Point)
Poster #1280 presented 11/17 @ 10:30-11:30am	Sabina Anna Mazur† (Agriculture|Engineering)	Karthik Sankaranarayanan (Agriculture|Engineering) Ryan Elisabeth McLellan (Graduate)
Poster #1284 presented 11/17 @ 10:30-11:30am	Adam Matthew Mirmina† (Liberal Arts|Science) Bea Olivia Cabot‡ (HHS|Science)	Craig Goergen (Engineering) Shubh Parag Mehta (Engineering) Cortland Hannah Johns (Engineering) Abigail D Cox (Vet Med) Benjamin Landis (Indiana University)
Poster #1285 presented 11/17 @ 10:30-11:30am	Kishan Kumar Namburi† (Science) Preema Rahman Bhuiya* (HHS) Nikita Goldfeld* (HHS)	Jason R Cannon (HHS) Reeya Tanwar (HHS)
Poster #1286 presented 11/17 @ 10:30-11:30am	Ky Nguyen† (Engineering)	Jae Ik Choi (Engineering) Jeffrey Zexi Yang (Engineering) Alexandra Boltasseva (Engineering) Vladimir M Shalaev (Engineering) Alexander V Kildishev (Engineering) Miroslava Marinova Marinova (Engineering)
Poster #1287 presented 11/17 @ 10:30-11:30am	Pham Anh Minh Nguyen† (Engineering) Sanjith Jothi Bala† (Science) Ky Nguyen† (Engineering) Paul Aiden Williams† (Engineering) Matthew P Thomas† (Engineering) Zixuan Fei† (Engineering|JMHC)	Zhihong Chen (Engineering) Joerg Appenzeller (Engineering) Peter Bermel (Engineering) Saeed Mohammadi (Engineering)
Poster #1289 presented 11/17 @ 10:30-11:30am	Ria Subodh Nimbkar† (Science)	Kwonsik Song (Polytechnic)
Poster #1290 presented 11/17 @ 10:30-11:30am	Ayomiposi O Olofin† (Polytechnic)	Jon Walatkiewicz (Polytechnic)
Poster #1291 presented 11/17 @ 10:30-11:30am	Emilio Orcullo† (Engineering) Jake Myles Carmona† (Engineering) Atishay Sati† (Engineering) Andrew Doru Bogdan† (Engineering)	Nishaant Guptan Veemboor (Engineering) Andrew Owen Fewell (Engineering)
Poster #1292 presented 11/17 @ 10:30-11:30am	Elena Paias Ferreira† (Engineering)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Poster #1293 presented 11/17 @ 10:30-11:30am	Rahul Ashok Pakkala† (Science)	Karrie Kaiser Lee (Liberal Arts)
Poster #1294 presented 11/17 @ 10:30-11:30am	Atharva Pandey† (Engineering) Sai Sudeep Punukollu† (Engineering) Ivan Kivelevitch† (Engineering) Tommy Cruz Chan† (Engineering)	Cole Aaron Nelson (Engineering) Mark Johnson (Engineering)
Poster #1295 presented 11/17 @ 10:30-11:30am	Mudit Pandey† (Engineering) Ishan Gopu Nair‡ (Engineering)	Junyan Ren (Engineering) David Warsinger (Engineering)
Poster #1296 presented 11/17 @ 10:30-11:30am	Nicolas David Parra Vargas† (Purdue University)	Jason Hanna (Science) Nimod Dilushan Janson (Science)
Poster #1297 presented 11/17 @ 10:30-11:30am	Parth Hetal Patel† (Science)	Amit Gupta (Battelle Memorial Institute)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1298 presented 11/17 @ 10:30-11:30am	Shrung Patel† (Science|JMHC) Vikram Ramchander Kavalipati† (Science)	Sooyeon Jeong (Science)
Poster #1300 presented 11/17 @ 10:30-11:30am	John Pelan† (Engineering)	Md Rakibul Islam Prince (Engineering) Yu She (Engineering)
Poster #1302 presented 11/17 @ 10:30-11:30am	Cole Philipczak† (Agriculture|JMHC)	Yaohua Feng (Agriculture) Harris J Bras (Liberal Arts)
Poster #1304 presented 11/17 @ 10:30-11:30am	Elisabeth Porter† (HHS)	Sanika Santosh Gulavani (Science)
Poster #1305 presented 11/17 @ 10:30-11:30am	Naitik Rambhia† (Science|JMHC)	Yan Cong (Liberal Arts) Ji Yeon Lee (HHS)
Poster #1307 presented 11/17 @ 10:30-11:30am	Kaley Roe† (Engineering)	Thomas H Siegmund (Engineering)
Poster #1309 presented 11/17 @ 10:30-11:30am	Rebecca Rust† (Science|JMHC) Jade Augusta Cathcart‡ (Science|JMHC)	Matthew Olson (Science) Jenny Alejandra Rodriguez Osorio (Science)
Poster #1311 presented 11/17 @ 10:30-11:30am	Madeleine Rygh† (United States Military Academy)	Andrew Banko (United States Military Academy West Point)
Poster #1312 presented 11/17 @ 10:30-11:30am	Leonardo Sabetta† (United States Military Academy)	Andrew Banko (United States Military Academy West Point)
Poster #1313 presented 11/17 @ 10:30-11:30am	Leslie Santos† (Agriculture)	Linda E Haynes (Liberal Arts) Daniel Alfonso Fajardo Reyes (Agriculture)
Poster #1315 presented 11/17 @ 10:30-11:30am	Jacob Sears† (United States Military Academy)	Andrew Banko (United States Military Academy West Point)
Poster #1316 presented 11/17 @ 10:30-11:30am	Sachiv Sekaran† (Engineering)	Likun Zhu (PWL) Mohammad Behzadnia (Engineering)
Poster #1317 presented 11/17 @ 10:30-11:30am	Priyan Kamlesh Shah† (Engineering) Nirrbhay Raghavan† (Engineering) Nadine Yifei Poon† (Engineering) Bharrath Krishna Arunkumar† (Engineering)	Moe Wai Yan Myint (Engineering) Boyuan Chen (Engineering) Mark Johnson (Engineering) Matthew A Swabey (Engineering)
Poster #1318 presented 11/17 @ 10:30-11:30am	Ruthu Shankar† (Science) Savir Rajeshwar Patil† (Science)	Mary Anne Smart (Science)
Poster #1319 presented 11/17 @ 10:30-11:30am	Ria R Sharma† (HHS|JMHC)	Mark Wilson (HHS) Julius Keller (Polytechnic) Debra Henneberry (Polytechnic)
Poster #1320 presented 11/17 @ 10:30-11:30am	Phillip Thomas Michael Sheets† (Engineering) Joseph Ryne Thomas† (Engineering)	Ryan B Wagner (Engineering) Manas Laddha (Engineering)
Poster #1321 presented 11/17 @ 10:30-11:30am	Yuchao Shen† (Engineering) Andrew Zeng† (Science) Benjamin Joseph Taylor† (Engineering|JMHC) Bhanu Adaveni‡ (Engineering) Rudra Vaishnav‡ (Engineering) Aarush Kumar‡ (DSB)	Zahra Ghodsi (Engineering)
Poster #1323 presented 11/17 @ 10:30-11:30am	Alayna Siemon† (Engineering|JMHC) Choeun Moon† (Polytechnic)	Andy Jung (Science) Angelo Arisi (Science) Juan Duarte Quiros (Science)
Poster #1324 presented 11/17 @ 10:30-11:30am	Edward Simpson† (Science)	Jaeeun Kim (Engineering)
Poster #1325 presented 11/17 @ 10:30-11:30am	Aayush Singh† (Engineering) Rohan Ravula† (Engineering) Jovan Miodrag Jovic† (DSB)	Soudabeh Taghian Dinani (Engineering)
Poster #1326 presented 11/17 @ 10:30-11:30am	Saahil Suresh† (Engineering) Vedant Sandeep Mohan† (Engineering) Joshitha Neeli† (Engineering) Benjamin Mercer Frischer† (Engineering) Rishivardhan Devakumari Ragavanantham† (Science)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Richard Ajagu (Engineering) Samuel Labi (Engineering)
Poster #1327 presented 11/17 @ 10:30-11:30am	Esha Sury† (Science) William Huang† (Engineering|Science) Dhruv Upreti† (Science)	Erika Birgit Kaufmann (Science) Ralph Martin Kaufmann (Science)
Poster #1328 presented 11/17 @ 10:30-11:30am	Eduardo Esteban Tello Osorio† (Polytechnic)	Rajeswari Sundararajan (Polytechnic)
Poster #1329 presented 11/17 @ 10:30-11:30am	Devikaa Prashant Thakker† (Science)	Douglas R Schmitt (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1331 presented 11/17 @ 10:30-11:30am	Sofia Valentina Torres Orjuela† (Agriculture)	Lori Hoagland (Agriculture) Mine Rouxna van der Berg (Agriculture)
Poster #1332 presented 11/17 @ 10:30-11:30am	Kutlu Tortop† (Engineering) Colin Daniel Gupta‡ (DSB) Sophia Anne Sears‡ (DSB|JMHC) Caroline Lee Stewart‡ (DSB) Amogh Shrivastava‡ (Engineering) Ethan Michael Flowers‡ (Engineering) Akilaish Velamati‡ (Engineering) Ava Christine Baffer‡ (DSB) Benj	Aparajita Jaiswal (Engineering)
Poster #1333 presented 11/17 @ 10:30-11:30am	Alisher Usmanov† (Science)	Kiseop Lee (Science)
Poster #1335 presented 11/17 @ 10:30-11:30am	Hrishikesh Bashyam Villur† (Engineering) Arya Sriram† (DSB) Adithya Sridhar† (Engineering) Rishikesh Ravindra Padhye† (Science)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Samuel Labi (Engineering) Richard Ajagu (Engineering)
Poster #1336 presented 11/17 @ 10:30-11:30am	Samuel Winiger† (Polytechnic)	Harris J Bras (Liberal Arts)
Poster #1337 presented 11/17 @ 10:30-11:30am	Daniel Wong† (Science) Zayed Mohamed AlMessabi† (Engineering) Samuel Arganta Suwandi† (DSB) Samyukta Balaji† (Engineering)	Soudabeh Taghian Dinani (Engineering)
Poster #1338 presented 11/17 @ 10:30-11:30am	Ruby Eskinder Woudneh† (Engineering) Sia Gupta† (Engineering) Mariana Paez Reyes‡ (Engineering) Mark Pushinsky‡ (Engineering) Liana R Ye‡ (Engineering) Shaunabh Bose‡ (Engineering)	Woongkul Lee (Engineering)
Poster #1339 presented 11/17 @ 10:30-11:30am	Chia-Chun Wu† (Polytechnic) Weizhao Xu† (Engineering) Yu-Hsien Liu† (Engineering|Science) Robert Winder Witt† (Engineering) Advaid Menon† (DSB) Cameron Raymond Shute* (Engineering)	Steven R Dunlop (DSB)
Poster #1340 presented 11/17 @ 10:30-11:30am	Rachel Diana Zamsky† (HHS|Science)	Samantha Christine Cullom (Science) Jeffrey Edward Dick (Science)
Poster #1342 presented 11/17 @ 10:30-11:30am	Chase Zhou† (Temporary)	Arun K Bhunia (Agriculture) Benjamin Douglas Springer (Agriculture) Nicholas Leo Frank Gallina (Agriculture) Nicole Irizarry Tardi (Agriculture)
Poster #1343 presented 11/17 @ 10:30-11:30am	Jack Spenser Zimmerman† (Engineering) Sandeep Saravanakumar† (Engineering|JMHC) Samuel A Gutterman† (Engineering|JMHC) Rohan Shah† (Engineering|JMHC) Richard Liao† (Engineering) Matthew S Pung† (Engineering|JMHC) Vedant Sharma‡ (Engineering)	Hassan Al-alawi (Engineering) Mark Johnson (Engineering)
Poster #1344 presented 11/17 @ 10:30-11:30am	Isabella Zuluaga Gomez† (Purdue University) Sara Sofia de Fatima Bucheli Lazo‡ (Purdue University) Silvia Helena Lopez Serrano‡ (Purdue University)	Christina R Ferreira (Centers & Institutes) Ryan T Hilger (Science) Devender Arora (Centers & Institutes)
Poster #1345 presented 11/17 @ 10:30-11:30am	Peter Bruce Jones† (Science) Junpyo Lee† (Engineering) Aarnav Kumar† (Science)	Andy Jung (Science) Danny Milisavljevic (Science) Medhansh Garg (Science)
Poster #1400 presented 11/17 @ 12:00-1:00pm	Aqib Muhammad Abdullah† (Engineering|JMHC)	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1401 presented 11/17 @ 12:00-1:00pm	Muhammad Ahmed Ahsan† (Science) Vedant Patil† (Science)	Snehasis Mukhopadhyay (Science)
Poster #1402 presented 11/17 @ 12:00-1:00pm	Katherine Albanese† (Engineering|JMHC) Kelly Young† (Engineering|JMHC)	Thirawat Bureetes (Agriculture|Engineering) ankita Raturi (Agriculture|Engineering)
Poster #1403 presented 11/17 @ 12:00-1:00pm	Gabriel Warren Balcom† (Engineering) Adam Jean Joly† (DSB)	Chun-Kang Huang (Engineering) Steven R Dunlop (DSB)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1404 presented 11/17 @ 12:00-1:00pm	Rohan Basava† (DSB) Devakinandan Sanapala† (Engineering) Eli Zilkha† (Engineering) Nidhi Nandakumar‡ (DSB) Yihuan Wu‡ (Polytechnic) Jeffrey X Ling‡ (Engineering)	Aparajita Jaiswal (Engineering)
Poster #1405 presented 11/17 @ 12:00-1:00pm	Gurleen Kaur Batra† (Engineering) Fred Y Xu† (Engineering) Josephine A Banas† (Engineering)	Ammar M Mukadam (Engineering) Niels van Ritbergen (Engineering)
Poster #1406 presented 11/17 @ 12:00-1:00pm	Amelie Bihlmayr† (Engineering) Aiden Rockne Blakey† (Engineering) Toshan Gupta† (Engineering) Li-Yen Lai‡ (Polytechnic)	Jaeeun Kim (Engineering)
Poster #1407 presented 11/17 @ 12:00-1:00pm	Rishi Reddy Boyella† (Science|JMHC)	Nicholas Noinaj (Science) Marlyn Michelle Bush (Science)
Poster #1409 presented 11/17 @ 12:00-1:00pm	Ian Buerge† (Engineering|JMHC)	Yung C Shin (Engineering) Vaidyanath Harinarayana (Engineering)
Poster #1410 presented 11/17 @ 12:00-1:00pm	Alejo F Cagliolo† (Science) Maxwell Thompson† (Engineering) Victor Popescu† (Science)	Siamak Yassemi (Science)
Poster #1411 presented 11/17 @ 12:00-1:00pm	Indya Sky Calhoun† (Polytechnic|JMHC)	Sooyeon Jeong (Science)
Poster #1413 presented 11/17 @ 12:00-1:00pm	Iris Carman† (Engineering|JMHC) Emma C Wolcott† (Engineering|JMHC)	Nadezhda N Zyaykina (Engineering) Chantelle April Miller (Engineering)
Poster #1415 presented 11/17 @ 12:00-1:00pm	Ayush Chaurasia† (Engineering) Aarush Palve† (Science) Abhishek Kaushikkar† (Engineering)	Sabine Brunswicker (Polytechnic)
Poster #1416 presented 11/17 @ 12:00-1:00pm	Venkata Sri Saiveer Chelliboyina† (Science) Alan S Yi† (Science)	Mutian Zhang (Science) Alex Pothen (Science) Dan Goldwasser (Science)
Poster #1418 presented 11/17 @ 12:00-1:00pm	Daniel Chen† (Polytechnic) Rachel Alexis Rosenthal† (Polytechnic) Shehreen Sarwana Musa† (Engineering) Atharv Agarwal† (Engineering) Pablo Elias Miranda Fragoso‡ (Polytechnic) Aarav Mathur Bhatnagar‡ (Science) Jake T Bennett‡ (Polytechnic) Alexande	Santiago Torres Arias (Engineering) Fabiha Hashmat (Engineering)
Poster #1419 presented 11/17 @ 12:00-1:00pm	Alessia Chiesara galiasso† (Engineering) Kashvi Shahi* (Engineering)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Poster #1420 presented 11/17 @ 12:00-1:00pm	Dylan Chu† (Engineering) Andrew Lu† (Engineering) David Changhong Yang† (Engineering)	Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering)
Poster #1421 presented 11/17 @ 12:00-1:00pm	Joshua Cisneros† (Engineering) Noriko WaiGa Chu* (Engineering) Vitor Limas Schein* (Engineering)	Chuan-Hsun Li (Science) Qiyu Liang (Science) Yupeng Wang (Science) Aishik Panja (Science) Xinghan Wang (Science)
Poster #1422 presented 11/17 @ 12:00-1:00pm	Ysabella Conner† (Science) Shriya Nithya Palani‡ (Agriculture|Engineering|JMHC) Alyssa Brianna Sutherlin* (Agriculture|Engineering|JMHC)	Kari L Clase (Agriculture|Engineering) Taylor Sophia Buchowski (Agriculture|Engineering) Marcelo Inaki I Guerrero Montalvan (Agriculture) Amanda K Limiac (Agriculture|Engineering)
Poster #1423 presented 11/17 @ 12:00-1:00pm	Samuel S Copeland† (Science|JMHC) Armitha M Gade† (Liberal Arts|Science|JMHC)	Jean-christophe Rochet (Pharmacy) Bryce Colon (Pharmacy)
Poster #1424 presented 11/17 @ 12:00-1:00pm	William Louis Culbertson† (Engineering)	Kevin T Lee (Engineering)
Poster #1425 presented 11/17 @ 12:00-1:00pm	Sameer Dash† (Polytechnic)	Jon Walatkiewicz (Polytechnic) Scotty Secrist (PWL)
Poster #1426 presented 11/17 @ 12:00-1:00pm	Suyash Dash† (Polytechnic|JMHC)	Wenzhuo Wu (Engineering) Robert Jose Ccorahua santo (Engineering)
Poster #1427 presented 11/17 @ 12:00-1:00pm	Vivian de Toledo Krainer† (Liberal Arts|Science|JMHC)	Hannah Elise Starr (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1428 presented 11/17 @ 12:00-1:00pm	Hannah Dengler† (Science) Kaleb Caudle‡ (Science)	Jeremy Hugh Lawrence (Science) Jeffrey Edward Dick (Science) Md Arif Faisal (Science) James Hoang Nguyen (Science) Ashutosh Rana (Science) Emily Lucille Richardson (Engineering|JMHC) Abigail N Hernandez (Science)
Poster #1429 presented 11/17 @ 12:00-1:00pm	Sharvari Deshpande† (Engineering|JMHC) Nadina Sudha Ramesh† (Science|JMHC) Vedaansh Jethlia† (Science|JMHC)	Satyajit S Ambike (HHS) Jeffrey M Haddad (HHS)
Poster #1430 presented 11/17 @ 12:00-1:00pm	Jared Dong† (Engineering) Aryan Anand† (Engineering) Anika Saha† (Science) Ojas Rahul Deshpande† (Science)	Soudabeh Taghian Dinani (Engineering)
Poster #1431 presented 11/17 @ 12:00-1:00pm	Keya Dutta† (Science)	Suzanne C Doucette (Science) Mackenzie Catherine Weaver (Science)
Poster #1432 presented 11/17 @ 12:00-1:00pm	Kimberley Susan Duzek† (Science)	Daniel B Szymanski (Agriculture) Eileen L Mallery (Agriculture) Thomas H Siegmund (Engineering) Tanner James Ballance (Engineering) Sydney Noel Szuba (Engineering)
Poster #1433 presented 11/17 @ 12:00-1:00pm	Michelle Catherine Eno† (Engineering|JMHC)	John Newman (NASA Langley Research Center)
Poster #1434 presented 11/17 @ 12:00-1:00pm	Nezar Fahmi† (Engineering) Charles David Shimala† (Engineering) Hsin Ya Lin† (Engineering) Alexander Pavlovich Novokshonov† (Engineering) Alexander Lam Nguyen‡ (Engineering)	Andrew Owen Fewell (Engineering)
Poster #1435 presented 11/17 @ 12:00-1:00pm	Dhruv Ghosh† (Engineering) Deepti Murali Rao† (Engineering) Melinda Liu† (Engineering) Simarpreet Singh‡ (Engineering)	Moe Wai Yan Myint (Engineering) Boyuan Chen (Engineering) Mark Johnson (Engineering) Matthew A Swabey (Engineering)
Poster #1436 presented 11/17 @ 12:00-1:00pm	Syd Ghosh† (Engineering) Ethan Maxwell Richards† (Engineering) Matthew Yao† (Engineering) Gabriel Andres Baldoni† (Engineering) Arina Harlanovich† (Engineering) Azamat Eshmuratov† (Engineering)	Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering)
Poster #1440 presented 11/17 @ 12:00-1:00pm	Sarabeth Hargarten† (Agriculture) Nina O'Tain* (Agriculture)	Tingting Ju (Agriculture) Jose Carlos Cabezas Alvarez (Agriculture)
Poster #1442 presented 11/17 @ 12:00-1:00pm	Edward Hu† (Engineering) Aarsh Nishant Dave† (Engineering) Priya Adiga† (Engineering|JMHC) Vedant Sharma† (Engineering) Roni H Aziz† (Engineering) William Shao-wei Lo† (Engineering) Ca Dinh† (Engineering) Bruno Formiga Grubhofer† (Engineering) Adi	Hassan Al-alawi (Engineering) Leon Anthony Petrulio (Engineering)
Poster #1443 presented 11/17 @ 12:00-1:00pm	Mohamed Adel Elsayed Abelmoaty Ibrahim† (Engineering) Eric Hou† (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Poster #1445 presented 11/17 @ 12:00-1:00pm	Rohan R Iyer† (Engineering)	Vea Iyer (Engineering) Alexandra Boltasseva (Engineering) Vladimir M Shalaev (Engineering) Alexander V Kildishev (Engineering)
Poster #1446 presented 11/17 @ 12:00-1:00pm	Behruz Izbaev† (Science)	James G Ogg (Science) Aaron C Ault (Engineering)
Poster #1449 presented 11/17 @ 12:00-1:00pm	Oliver Thomas Johnson† (Science|JMHC)	Ranjie Xu (Vet Med)
Poster #1452 presented 11/17 @ 12:00-1:00pm	Ahmed Khan† (Engineering|JMHC)	Hyewon Seo (Engineering) Behzad Esmaeili (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1453 presented 11/17 @ 12:00-1:00pm	Seunghyun Kim† (Engineering) Namjeet Kaur† (Engineering) Sara Pandey† (Engineering|JMHC)	Moe Wai Yan Myint (Engineering) Boyuan Chen (Engineering) Mark Johnson (Engineering)
Poster #1454 presented 11/17 @ 12:00-1:00pm	Hannah Margeurite Kitts† (Engineering|JMHC) Sadie Catherine van der Spuy‡ (Engineering) Abby L Thompson‡ (Science|JMHC)	Nadezhda N Zyaykina (Engineering)
Poster #1455 presented 11/17 @ 12:00-1:00pm	Sunay Konnur† (Science|JMHC) Alexia Isabella del Cuvillo† (Engineering|JMHC)	Alton Chao (HHS) Ji Yeon Lee (HHS)
Poster #1456 presented 11/17 @ 12:00-1:00pm	Norah Riley Kopolow† (Science)	Stephen R Lindemann (Agriculture) Mariana Guzman Sanchez (HHS) Peter Philip Jam Jackson (Agriculture)
Poster #1458 presented 11/17 @ 12:00-1:00pm	Orion Kai Larson† (Engineering) Alexander Peng Fei Symonds† (Engineering) Tzu Huan Chang† (Engineering) Minh Huy Nguyen† (Engineering) Jeffrey Dao Jun Hew† (Engineering|JMHC)	Peter Bermel (Engineering) Zhihong Chen (Engineering) Joerg Appenzeller (Engineering) Saeed Mohammadi (Engineering)
Poster #1459 presented 11/17 @ 12:00-1:00pm	Derek Joseph Larson† (Engineering) Robert Maxwell Neitzke† (Engineering) Bailey Marie Jones† (Engineering|Liberal Arts) Aran Thevar† (Engineering|JMHC) Christopher Robert Stemporzewski‡ (Engineering|JMHC) Aayush Ranjan Kumar‡ (Engineering) Samir Meh	Alexey Shashurin (Engineering) Nicholas Vytautas Babusis (Engineering)
Poster #1460 presented 11/17 @ 12:00-1:00pm	Nguyen Chi Hieu Le† (Engineering) Ashish Singh Dhillon† (Engineering) Ty Forest Bequette† (Engineering|JMHC)	Srilekha Jagarlamudi (Engineering)
Poster #1462 presented 11/17 @ 12:00-1:00pm	Steven Li† (Engineering|JMHC) Arnav Shukla† (Engineering) Brian Zhuang† (Engineering) Peter Alexei Kaya Gretchikha† (Engineering) Aaditi Anupam Vaval‡ (Engineering) Oscar Surendranath‡ (Engineering) Srivalli Akella‡ (Engineering) Tanish Nigam‡ (Eng	Samitha Ranasinghe (Engineering)
Poster #1463 presented 11/17 @ 12:00-1:00pm	TingLan Lien† (Engineering) Lilia Bunsey† (Engineering) Pranav Jasti† (Science) Ankita Sriram† (Science) Arvind Rajagopalan† (Engineering)	Zahra Ghodsi (Engineering)
Poster #1464 presented 11/17 @ 12:00-1:00pm	Sydney Paige Lin† (Engineering|JMHC) Maximilian Tianle Wang† (Engineering) Beckett Graham Gideon† (Engineering)	Peter Bermel (Engineering) Muhammad A Alam (Engineering)
Poster #1465 presented 11/17 @ 12:00-1:00pm	Richard Lin† (Engineering) Jae Man Yim† (Science) Reed Ellis Baker‡ (Engineering) Aishani Sakalabhaktula‡ (Engineering)	David Michael Barbarash (Education)
Poster #1470 presented 11/17 @ 12:00-1:00pm	Ashtyn Nicole Martens† (Agriculture)	James Frederick Markworth (Agriculture) Xinyue Lu (HHS)
Poster #1472 presented 11/17 @ 12:00-1:00pm	Alani Sofia Martinez Torres† (Engineering|Liberal Arts)	Jaeeun Kim (Engineering)
Poster #1474 presented 11/17 @ 12:00-1:00pm	Dylan Michael-Reese McDonald† (Engineering|Polytechnic) Alexandra Madison Chrostowski* (DSB|Engineering)	Brandon Boor (Engineering) Jordan N Cross (Engineering) Chunxu Huang (Engineering) Sunghoon Ha (Engineering) Brian Magnuson (Engineering) CJ Holdeman (Engineering)
Poster #1477 presented 11/17 @ 12:00-1:00pm	Samiksha Mogallapalli† (Engineering|JMHC)	Estelle Park (Engineering) Jiafei Zhu (Engineering)
Poster #1478 presented 11/17 @ 12:00-1:00pm	Albert Moster† (Engineering|JMHC) Karthik Sivakumar† (Engineering) Joseph Donald Schlaerth† (Engineering)	Peter Bermel (Engineering) Muhammad A Alam (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1479 presented 11/17 @ 12:00-1:00pm	Rishon Nazareth† (Polytechnic) Cole William Tweedy† (Polytechnic) Adit Malpani† (Polytechnic) Jedric Ely Tsai† (Polytechnic)	Georgios Pappas (Polytechnic)
Poster #1480 presented 11/17 @ 12:00-1:00pm	Matt Francis Noto† (Engineering)	Nikkhil Vijaya Sankar (Engineering) Mohammad Reza Jahanshahi (Engineering)
Poster #1481 presented 11/17 @ 12:00-1:00pm	Caroline M Ober† (Science|JMHC)	Severin Thomas Schneebeli (Pharmacy|Science) James Edward Funk (Pharmacy) Raluca Ostafe (Science)
Poster #1482 presented 11/17 @ 12:00-1:00pm	Kyle s Ohlin† (Science)	Michael James Manfra (Engineering|Science) Kevin Alexander Barrow (Science)
Poster #1483 presented 11/17 @ 12:00-1:00pm	Kathleen Elane O'Sullivan† (Engineering) Sarah Elizabeth Werth† (DSB|JMHC)	David Michael Barbarash (Education)
Poster #1484 presented 11/17 @ 12:00-1:00pm	Niousha Pajouyan† (Engineering)	Yaguang Zhang (Agriculture|Engineering) Yury Kuleshov (Polytechnic) Emmanuel Temitope Olubodun (Liberal Arts) Abigail Erskine (Education)
Poster #1485 presented 11/17 @ 12:00-1:00pm	Wyatt Alvin Pearson† (Science) George D Emerson† (Agriculture|JMHC)	Patrick Joseph Ruhl (Agriculture) Elizabeth Lee Nojd (Agriculture) Xen Storm Cartwright (Science) Thomas Isaac Feaster (Agriculture) Tam Bao Tran (Engineering)
Poster #1487 presented 11/17 @ 12:00-1:00pm	Neha Prashanth† (Science|JMHC) Owen Wright† (Agriculture|Engineering|JMHC) Ben Michael Mariner† (Engineering|JMHC)	Brett A Meyers (Centers & Institutes) Stavros Papapanagiotou (Engineering)
Poster #1488 presented 11/17 @ 12:00-1:00pm	Paras Punater† (Science|JMHC) Collin Hayes Dumas† (Science) Gabrielle Marie Barrido† (Science) Julian Moises Guevara‡ (Engineering) Arjun V Pattel‡ (Science) Anika Ghosh Maji‡ (Science) Ishan Rajesh Kulkarni‡ (Science) Sridutt Satya Kumar Rayudu‡ (	Pete E Pascuzzi (Libraries)
Poster #1489 presented 11/17 @ 12:00-1:00pm	Myles Joshua Querimit† (Engineering) Nikhil Kishore Vaidyanath† (Engineering) Sanjith Cherumandanda† (Engineering) Aditya Rai† (Engineering) Tarakanath Peddi‡ (Engineering) Timothy Sunho Liu‡ (PWL) Abhiraj Singh Jaswal‡ (Engineering) Aadi Hsien-Lin	Rafael Monteiro Martins Pinheiro (Engineering) Hassan Al-alawi (Engineering) Mark Johnson (Engineering)
Poster #1490 presented 11/17 @ 12:00-1:00pm	Ruhaan R Rajani† (Science)	Karrie Kaiser Lee (Liberal Arts)
Poster #1491 presented 11/17 @ 12:00-1:00pm	Chaarulatha Rajesh† (Engineering) Chloe Cox† (Engineering) Saanvi Nagaraj† (Agriculture|Engineering) Olivia K Widjaja† (HHS|JMHC)	Brett A Meyers (Centers & Institutes) Hyeondong Yang (Engineering)
Poster #1492 presented 11/17 @ 12:00-1:00pm	Deepti Aksharra Ramasamy† (Liberal Arts|Science)	Brody Alan Deming (Pharmacy)
Poster #1493 presented 11/17 @ 12:00-1:00pm	Alejandro Ramirez† (Purdue University)	Eduardo Barocio Vaca (Engineering)
Poster #1494 presented 11/17 @ 12:00-1:00pm	Muiz E Rana† (Science|JMHC)	Meena Madhur (Indiana University)
Poster #1495 presented 11/17 @ 12:00-1:00pm	Devi S Raparthi† (Science|JMHC)	Lisa B Bosman (Polytechnic)
Poster #1497 presented 11/17 @ 12:00-1:00pm	Alexander Repikov† (Engineering|JMHC) Laura van Ritbergen† (Engineering) Lucy Chenlu Xu† (Engineering) Noah Everett Desserich† (Engineering) Tei Okamoto† (Engineering)	Niels van Ritbergen (Engineering) Matthew A Swabey (Engineering) Mark Johnson (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1498 presented 11/17 @ 12:00-1:00pm	Paul Thomas Bay Rickert† (Science) Aaron J Yu† (Engineering) Madeline Grace Reiser† (DSB|JMHC) Sripoorna Modugula† (Liberal Arts|Science) Albert Rykken Johnson‡ (Engineering)	James G Ogg (Science) Aaron C Ault (Engineering)
Poster #1501 presented 11/17 @ 12:00-1:00pm	Ashmi Roy† (Polytechnic)	Myeongkyu Lee (Engineering) Brandon J Pitts (Engineering)
Poster #1504 presented 11/17 @ 12:00-1:00pm	Adam Jair Selby† (Engineering|JMHC) Alexandra Adriazola Trujillo† (Engineering)	Pedro Henrique de Souza Barbosa (Engineering) Wenzhuo Wu (Engineering)
Poster #1506 presented 11/17 @ 12:00-1:00pm	Harshvardhan Sharma† (Science)	Gouri Gouri Prabhakar (Science)
Poster #1509 presented 11/17 @ 12:00-1:00pm	Saksham Singh† (Science)	Harris J Bras (Liberal Arts)
Poster #1513 presented 11/17 @ 12:00-1:00pm	Joseph Allen Sowers† (Engineering|JMHC)	Srilekha Jagarlamudi (Engineering) Mark Johnson (Engineering) Cole Aaron Nelson (Engineering)
Poster #1514 presented 11/17 @ 12:00-1:00pm	Cole G Strickland† (HHS|JMHC) Saris J Becker† (Pharmacy|JMHC) Brian Pho† (Pharmacy|Science|JMHC)	Jiashu Zhou (Pharmacy)
Poster #1515 presented 11/17 @ 12:00-1:00pm	Iliana Alejandra Suarez Lopez† (Engineering)	Vilas G Pol (Engineering) Gabriel Cosio Aguilar (Engineering)
Poster #1517 presented 11/17 @ 12:00-1:00pm	Cara Suh† (Liberal Arts|Science)	Kyung Jun Lee (Science) Tiancong Zhu (Science)
Poster #1518 presented 11/17 @ 12:00-1:00pm	Jay Syslo† (Science) Prathum Arikeri† (Engineering) Jennie Long† (Science) Sarah Michelle Sewell† (Engineering) Alexander Thomas Chrzanowski* (Science|JMHC)	Joseph Gerard Makin (Engineering)
Poster #1519 presented 11/17 @ 12:00-1:00pm	Jackson Cole Theurer† (Science|JMHC)	Robin L Tanamachi (Science) Daniel T Dawson (Science)
Poster #1521 presented 11/17 @ 12:00-1:00pm	Parin Paresh Timbadia† (Engineering|JMHC) Thet Naing Soe† (Engineering|Science) Jui-Yu Tsai† (Engineering) Jeng-Ruei Huang† (Engineering) Yun-Kai Chen† (Science)	Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering) Mark Johnson (Engineering)
Poster #1522 presented 11/17 @ 12:00-1:00pm	Cole Robert Townsend† (Pharmacy) Grace June Webb† (Science) Grant Remo Richardson† (Pharmacy) Sakura Suresh Kumar† (Pharmacy) Kirsten South† (Engineering)	Daniel T Smith (Pharmacy) Stephen Robert Byrn (Pharmacy)
Poster #1523 presented 11/17 @ 12:00-1:00pm	Charles Timothy Tully† (Agriculture)	Bridger Lawrence Johnston (Science) Hilkka Kenttamaa (Science)
Poster #1524 presented 11/17 @ 12:00-1:00pm	Nathan Robert Uselman† (Science)	Stephanie M Gardner (Science) Traven Levar Cargill (Science)
Poster #1525 presented 11/17 @ 12:00-1:00pm	Sadie Catherine van der Spuy† (Engineering) Abby L Thompson‡ (Science|JMHC) Hannah Margeurite Kitts‡ (Engineering|JMHC)	Nadezhda N Zyaykina (Engineering)
Poster #1527 presented 11/17 @ 12:00-1:00pm	Karthik Varigonda† (Science|JMHC)	Nicholas Noinaj (Science) Jianing Li (Pharmacy) Chijian Xiang (Agriculture) Ke Xu (Pharmacy)
Poster #1528 presented 11/17 @ 12:00-1:00pm	Pooja Verma† (HHS) Saranya Namala† (HHS) Alexandra Elizabeth Dubish† (HHS) Grace Ann Kowis† (HHS) Kristen Kayleigh Murray† (HHS)	Mark Wilson (HHS)
Poster #1529 presented 11/17 @ 12:00-1:00pm	Aditya Verma† (Engineering) Hoyoung Chun† (Engineering) Kade M Zisko† (Engineering) Alexander Yokkit Zeng† (Engineering)	Cole Aaron Nelson (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1530 presented 11/17 @ 12:00-1:00pm	Srivatsa Viswanadhula† (Science)	Jiansong Zhang (Polytechnic) Meta Soy (Polytechnic) Jingyi Lai (Polytechnic)
Poster #1531 presented 11/17 @ 12:00-1:00pm	Kiet Vu† (Engineering) Srinivas Arasu† (Engineering) Salaheldin Elsayed Ibrahim AbdelMoaty‡ (Engineering)	Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering)
Poster #1535 presented 11/17 @ 12:00-1:00pm	Sohyun Won† (Science)	Eduardo Barocio Vaca (Engineering) Garam Kim (Polytechnic) Rishabh Pammi (Polytechnic)
Poster #1536 presented 11/17 @ 12:00-1:00pm	Kathleen Nicole Woodburn† (Pharmacy|JMHC)	Casey J Krusemark (Pharmacy) Teodora Kljaic (Pharmacy)
Poster #1537 presented 11/17 @ 12:00-1:00pm	Michael Daoming Wu† (Engineering) Chen Jyh Wong† (Engineering) Ananya Prabhakar† (Engineering)	Zach Anthony Barna (Engineering) Charles Spencer Bowles (Engineering)
Poster #1538 presented 11/17 @ 12:00-1:00pm	Hening Xu† (Engineering|JMHC) Rishi Madipalli† (Engineering)	Srilekha Jagarlamudi (Engineering)
Poster #1539 presented 11/17 @ 12:00-1:00pm	Zhenghao Xu† (Engineering) Boyang Wu† (Engineering)	Wei Zakharov (Libraries) Qiang Qiu (Engineering) Colby Acton (Engineering) Wei Chen (Engineering)
Poster #1541 presented 11/17 @ 12:00-1:00pm	Bennett Hanson Yi† (Engineering) Maxwell Raymond Huseman† (Engineering)	Moe Wai Yan Myint (Engineering) Boyuan Chen (Engineering) Matthew A Swabey (Engineering) Mark Johnson (Engineering)
Poster #1543 presented 11/17 @ 12:00-1:00pm	Adam Zhang† (Science|JMHC) Raymond Zhang† (Engineering) Seonghoon Kim† (Engineering) Ngoc N Vu‡ (Science) Shyam Siva Kumar‡ (Engineering) Nelson Jung Yi Wong‡ (Engineering) Abishek Krishna Kumar‡ (Engineering) Kaya Aypek‡ (Engineering)	Sabine Brunswicker (Polytechnic)
Poster #1544 presented 11/17 @ 12:00-1:00pm	Jake Roger Stavig† (Science) Kolby Ezra Dehn† (Science) Rohan Dylan Nijhawan† (Engineering) Aarish Patel† (Science)	Andy Jung (Science) Danny Milisavljevic (Science) Lauren Grace Murphy (Science)
Poster #1545 presented 11/17 @ 12:00-1:00pm	Tomas Vargas-Bernal† (Engineering|JMHC)	Pablo D Zavattieri (Engineering) Marie Kate Palau Andrade (Engineering)
Poster #1600 presented 11/17 @ 1:30-2:30pm	Avneet Kaur Anand† (Science)	Lakshmi Srinivasan (Engineering) Fu Zhao (Engineering)
Poster #1601 presented 11/17 @ 1:30-2:30pm	Tatchi Dakari Anouan† (Engineering) Shravan Pradeep† (Engineering) Landon Michael Block† (Engineering) Suhani Pothireddy† (Engineering)	Moe Wai Yan Myint (Engineering)
Poster #1604 presented 11/17 @ 1:30-2:30pm	Sana Azat† (HHS)	Austin Jacob Pronk (Science) Alexander Laskin (Science)
Poster #1605 presented 11/17 @ 1:30-2:30pm	Saishri Bagde† (Engineering) Rohan R Iyer† (Engineering) Nishorgo Proshun† (Engineering)	Vivek vasantrao Wankhade (Engineering) Jason Dwight McKinney (Engineering) Walid Elsayed Mo Elzeiny (Engineering)
Poster #1606 presented 11/17 @ 1:30-2:30pm	Emma E Barnes† (Science)	Harris J Bras (Liberal Arts)
Poster #1607 presented 11/17 @ 1:30-2:30pm	Gabrielle Marie Barrido† (Science) Abigail Catherine Alexander* (Agriculture)	Marxa Figueiredo (Vet Med) Gabriel Steven Harris (Vet Med) Kurt Ristroph (Agriculture|Engineering) Mojhdeh Baghbanbashi (Agriculture|Engineering)
Poster #1609 presented 11/17 @ 1:30-2:30pm	Lisa Bhatkar† (Engineering) Vikram Ganesh Kumar† (Engineering) Hadi Sadeq Althawab† (Engineering) Veadesh Dhanasekar† (Engineering)	Brady Philhower (Engineering)
Poster #1611 presented 11/17 @ 1:30-2:30pm	Mariana Bohrt Larrea† (Engineering)	Esra Tepeli (Polytechnic)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1612 presented 11/17 @ 1:30-2:30pm	Elizabeth Joy Burns† (Education|JMHC) Nathan Wallace Skinner† (Engineering|JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1614 presented 11/17 @ 1:30-2:30pm	Lauren Isabella Carpenter† (Agriculture|Engineering)	Vidya Kanaganamaradi Nagaraju (Agriculture|Engineering) Rose Prabin Kingsly Ambrose (Agriculture|Engineering)
Poster #1615 presented 11/17 @ 1:30-2:30pm	Catherine Chang† (Science) Alexia Widjaja† (HHS|JMHC) Katie Quinney† (Pharmacy|JMHC) Niveda Keshav Iyengar† (Agriculture|Engineering) Umay Deniz Ozsoy† (Agriculture|Engineering|JMHC)	Brett A Meyers (Centers & Institutes) Hyeondong Yang (Engineering)
Poster #1616 presented 11/17 @ 1:30-2:30pm	Olivia Chen† (Engineering) Jia Varshney† (Science) Xiyue Chen† (Engineering) Zehui Su† (Science) Rohan Arav Shah† (Engineering) Joshua Walker† (Science)	Yung-Hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts) Kayshav Bhardwaj (Liberal Arts|Science) Ojas Chaturvedi (Science|JMHC)
Poster #1617 presented 11/17 @ 1:30-2:30pm	Haoran Cheng† (Polytechnic)	Seyedehmarzieh Rouhani (Engineering)
Poster #1618 presented 11/17 @ 1:30-2:30pm	Yuha Choi† (Engineering) Gopikisor Sivaneshan† (DSB) Jacob Zeldovich† (Engineering) Shrish Senthilkumar‡ (Engineering) Alejandro Jose Sanchez‡ (Engineering)	Thomas Roth (Engineering) Samuel Theodore Elkin (Engineering) Ghazi Khan (Engineering)
Poster #1620 presented 11/17 @ 1:30-2:30pm	Veeraj Vikrant Dalwale† (Polytechnic)	Ran Dai (Engineering) CJ Holdeman (Engineering) Kay C Kobak (Engineering)
Poster #1621 presented 11/17 @ 1:30-2:30pm	Janith Randhil D'Alwis† (Liberal Arts|Polytechnic) Ekam Bhullar† (Engineering)	Michael Witt (Libraries)
Poster #1624 presented 11/17 @ 1:30-2:30pm	Nhuan Boi Duong† (Engineering)	Vishrant Tripathi (Engineering)
Poster #1625 presented 11/17 @ 1:30-2:30pm	Pavle Duric† (Engineering) Sivam Pathuri† (Engineering) Zachary Wong† (Engineering) Nhan Viet Viet Do† (Engineering) Julian Vincent Netherwood† (Engineering) Tanvi Srisai Sajja† (Engineering)	Cole Aaron Nelson (Engineering) Kameswari Mantha (Engineering) Mark Johnson (Engineering) Matthew A Swabey (Engineering)
Poster #1628 presented 11/17 @ 1:30-2:30pm	Alita Marie Fischer† (Science)	Lisa B Bosman (Polytechnic)
Poster #1629 presented 11/17 @ 1:30-2:30pm	Kate Elizabeth Foley† (Engineering)	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1630 presented 11/17 @ 1:30-2:30pm	Bunshiro Fujiwara† (Engineering) Aden Yongjoon Yi† (Engineering|JMHC) Robert Davis Renner† (Engineering) Caleb Matthew Minnis† (Engineering) Germaine Zhi Ning Tan† (Engineering) Edan Klein Wilson† (Engineering)	Ray A Mentzer (Engineering)
Poster #1631 presented 11/17 @ 1:30-2:30pm	Romir Reddy Gade† (Engineering) Emmanuel Wright Rosa† (Engineering) Martin J Aguilera† (Engineering|JMHC)	Kameswari Mantha (Engineering) Cole Aaron Nelson (Engineering)
Poster #1632 presented 11/17 @ 1:30-2:30pm	Milan Ganeshan† (Engineering) Devanshi Joshi† (Engineering) Aaruni Singh† (Engineering)	Moe Wai Yan Myint (Engineering) Boyuan Chen (Engineering) Mark Johnson (Engineering) Matthew A Swabey (Engineering)
Poster #1634 presented 11/17 @ 1:30-2:30pm	Georgios Giannakis† (Engineering) Cooper James Buchman† (Engineering) Scott Swenson† (Engineering) Michael David Green‡ (Engineering) Aditya Sarwaikar‡ (Engineering) Kaden Michael Phillips‡ (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1635 presented 11/17 @ 1:30-2:30pm	Cameron Jean Gibson† (Science|JMHC)	Amanda Veile (Liberal Arts)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1636 presented 11/17 @ 1:30-2:30pm	Megan Rose Goins† (Agriculture|Liberal Arts)	Harris J Bras (Liberal Arts)
Poster #1637 presented 11/17 @ 1:30-2:30pm	Nikita Goldfeld† (HHS) Karis Ge Fu* (HHS|JMHC)	Jason R Cannon (HHS) Reeya Tanwar (HHS)
Poster #1638 presented 11/17 @ 1:30-2:30pm	Mateo Gonzalez Cano† (Purdue University)	Alejandro H Strachan (Engineering) Aidan Damian Pantoya (Engineering)
Poster #1639 presented 11/17 @ 1:30-2:30pm	Vedansh Gupta† (Engineering) William James Rowe‡ (Polytechnic) Veeraj Vikrant Dalwale‡ (Polytechnic)	Ran Dai (Engineering) Yuto Tanaka (Engineering) CJ Holdeman (Engineering)
Poster #1640 presented 11/17 @ 1:30-2:30pm	Hannah Guy† (Liberal Arts|JMHC) Samantha Marie Bachler† (Liberal Arts|Science|JMHC) Sam Hornung† (Liberal Arts|JMHC) Havish Goutham Prageeth† (Science|JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1641 presented 11/17 @ 1:30-2:30pm	Olivia M Gzamouranis† (Engineering|Science)	Alex Ruichao Ma (Science)
Poster #1642 presented 11/17 @ 1:30-2:30pm	Daniel Hancock† (Engineering) Anthony Michael Girard† (Engineering) Himank Chadha† (Engineering) Arjun Rakkappan Krishnan† (Engineering)	Richard Ajagu (Engineering) Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Samuel Labi (Engineering)
Poster #1643 presented 11/17 @ 1:30-2:30pm	Mohammad Abdullah Haris† (Science)	Snehasis Mukhopadhyay (Science)
Poster #1645 presented 11/17 @ 1:30-2:30pm	Jordan Ma'sandra Sue Hinkle† (Agriculture|JMHC) Lourdes Gabrielle Ferrer-Ortiz‡ (Agriculture|JMHC) Liam Ray King‡ (Agriculture|JMHC) Phol Jiraphasuksakul‡ (Engineering)	Kristen Marie Bellisario (JMHC)
Poster #1647 presented 11/17 @ 1:30-2:30pm	Gwendolyn E Hofman† (Engineering|JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1649 presented 11/17 @ 1:30-2:30pm	Sayge Ellenrose Hopwood† (Agriculture)	Sara Thomason (Agriculture) Eun Joong Oh (Agriculture)
Poster #1651 presented 11/17 @ 1:30-2:30pm	Bo-Wei Hsieh† (Engineering) Alexandre Chan Tome† (Engineering) Luke Joseph Hojnicki† (Engineering) Saloni Pothireddy† (Engineering) Isabel C Forand† (Engineering) Patrick Joseph Jordan† (Engineering)	Zhihong Chen (Engineering)
Poster #1652 presented 11/17 @ 1:30-2:30pm	Zay Linn Htet† (Engineering) Sean Lee* (Engineering) Tushar Singh* (Engineering|JMHC) Felix Liu* (Engineering)	Zach Anthony Barna (Engineering) Charles Spencer Bowles (Engineering)
Poster #1653 presented 11/17 @ 1:30-2:30pm	Dominic George Iannelli† (Agriculture)	Linda E Haynes (Liberal Arts)
Poster #1654 presented 11/17 @ 1:30-2:30pm	Arman Islam† (Engineering)	Davide Ziviani (Engineering) Amanda Elizabeth Stone (Engineering)
Poster #1655 presented 11/17 @ 1:30-2:30pm	Manya Shree Jain† (Science) Yuhan Xiong† (Engineering) Silas Lovett† (Engineering)	Andrew Li Niu (Science) Yi Royce Cheng (Engineering)
Poster #1656 presented 11/17 @ 1:30-2:30pm	Joseph Anthony Janicek† (Engineering)	Govindi Soba Rashmiraji Walimuni Dewage (Science) Qiaorong Xie (Science) Xindi Tang (Science) Julia Laskin (Science)
Poster #1657 presented 11/17 @ 1:30-2:30pm	Chanhoo Jeong† (Polytechnic) Paul Kyu-Hwan Park‡ (Polytechnic)	Garam Kim (Polytechnic) Todd A Brewer (Polytechnic)
Poster #1659 presented 11/17 @ 1:30-2:30pm	Adam Jean Joly† (DSB)	Chun-Kang Huang (Engineering) Steven R Dunlop (DSB)
Poster #1660 presented 11/17 @ 1:30-2:30pm	Derek Jones† (Engineering) Seung Won You† (Engineering) Sogo Bakare† (Engineering)	Srilekha Jagarlamudi (Engineering)
Poster #1661 presented 11/17 @ 1:30-2:30pm	Joshua Joseph† (Science)	Courtney Allen Falk (Centers & Institutes)
Poster #1662 presented 11/17 @ 1:30-2:30pm	Ryan Khoury† (Engineering)	Huidan Yu (PWL)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1663 presented 11/17 @ 1:30-2:30pm	Wonshin H Kim† (Science)	Harris J Bras (Liberal Arts)
Poster #1665 presented 11/17 @ 1:30-2:30pm	Jason Andrew Klutho† (Engineering) Enio Hysa† (Engineering) Jaanav Bhavin Shah† (Engineering|JMHC) Eshan Mathur† (Engineering)	Pranav Sangam (Engineering)
Poster #1667 presented 11/17 @ 1:30-2:30pm	Aayush Kumar† (Science)	Linda E Haynes (Liberal Arts)
Poster #1668 presented 11/17 @ 1:30-2:30pm	Meghana Kumar† (Engineering|JMHC) Lucca Su Mo† (Engineering|Science|JMHC)	Takashi Tanaka (Engineering) Owen Lucas Bishop (Engineering)
Poster #1670 presented 11/17 @ 1:30-2:30pm	Justin Lam† (Polytechnic)	Harris J Bras (Liberal Arts)
Poster #1671 presented 11/17 @ 1:30-2:30pm	Woojun Lee† (Engineering)	euiwon Bae (Engineering)
Poster #1672 presented 11/17 @ 1:30-2:30pm	Surin Lee† (HHS)	Carla B Rosell (Liberal Arts)
Poster #1673 presented 11/17 @ 1:30-2:30pm	Cheng-En Lee† (Science) Robert S Zhou† (Science) Hongcheng Li† (Engineering|Science) Andre Tsoi† (Science)	Wen Fan (Engineering) Jenna L Wise DiVincenzo (Engineering)
Poster #1674 presented 11/17 @ 1:30-2:30pm	Yuseok Lee† (Engineering)	Hyewon Seo (Engineering) Behzad Esmaeili (Engineering)
Poster #1675 presented 11/17 @ 1:30-2:30pm	Junyong Lee† (Science) Vishaal Iyer† (Science)	David Michael Barbarash (Education)
Poster #1676 presented 11/17 @ 1:30-2:30pm	Sangjin Lee† (Engineering) Ahmad Saleem Timbo† (Engineering) Justin Meng An Chen† (Engineering)	Charles Spencer Bowles (Engineering) Zach Anthony Barna (Engineering)
Poster #1677 presented 11/17 @ 1:30-2:30pm	Sooji Lee† (Science)	Guang Lin (Engineering|Science) Jiyong Kwon (Engineering)
Poster #1678 presented 11/17 @ 1:30-2:30pm	Yukun Li† (Polytechnic) Taozhe Wang† (Polytechnic)	Georgios Pappas (Polytechnic)
Poster #1679 presented 11/17 @ 1:30-2:30pm	Bing-Rui Liao† (Engineering) Aakrit Gupta† (Engineering) William W Zhao† (Engineering|JMHC)	Kameswari Mantha (Engineering) Cole Aaron Nelson (Engineering)
Poster #1680 presented 11/17 @ 1:30-2:30pm	Samantha Sarah Lin† (Pharmacy|JMHC)	Matthew Olson (Science) Rheanna Elizabeth Walther (Science) Jenny Alejandra Rodriguez Osorio (Science)
Poster #1682 presented 11/17 @ 1:30-2:30pm	Xinyu Liu† (Engineering) Cyrus Munshan† (Polytechnic)	Aditya Vardhan Padala (Engineering) Aravind Machiry (Engineering)
Poster #1683 presented 11/17 @ 1:30-2:30pm	Andrew Yu-en Loh† (Engineering) Juneseok Kwon† (Engineering) Anirudh Vummadising† (Engineering) Christine Yixin Liu† (Engineering|JMHC)	Niels van Ritbergen (Engineering)
Poster #1685 presented 11/17 @ 1:30-2:30pm	Abraham Josue Luna† (Engineering)	Charles Holliday Jenckes (Engineering)
Poster #1686 presented 11/17 @ 1:30-2:30pm	Jiles Mahony† (Engineering)	Jaeeun Kim (Engineering)
Poster #1687 presented 11/17 @ 1:30-2:30pm	Jessica Anna Malecki† (Pharmacy)	Ellen M Schellhase (Pharmacy) Monica Miller (Pharmacy)
Poster #1688 presented 11/17 @ 1:30-2:30pm	Reyna K Maroni† (Science)	Marxa Figueiredo (Vet Med) Ying Cheng Chen (Vet Med) Amanda Pawlecki (Vet Med) Aryaman Dewan (Centers & Institutes) Omnia Mohammed Hamid Ibrahium (Science) Raluca Ostafe (Science)
Poster #1689 presented 11/17 @ 1:30-2:30pm	Anish Jaganath Maroor† (Engineering)	Likun Zhu (PWL) Mohammad Behzadnia (Engineering) Zarrin Tasnim Probha (Engineering)
Poster #1690 presented 11/17 @ 1:30-2:30pm	Veda Maturi† (Pharmacy|JMHC) Avery Chan‡ (Engineering)	Arezoo Ardekani (Engineering) David Perez Herrera (Science)

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Poster #1691 presented 11/17 @ 1:30-2:30pm	Aidan McClelland† (Liberal Arts|Polytechnic)	Harris J Bras (Liberal Arts)
Poster #1692 presented 11/17 @ 1:30-2:30pm	Hannah Mendel† (HHS)	Purba Mandal (HHS) Priyanka Baloni (HHS)
Poster #1693 presented 11/17 @ 1:30-2:30pm	Lucca Su Mo† (Engineering|Science|JMHC)	Alex L Wang (DSB) Dongxuan He (Engineering)
Poster #1695 presented 11/17 @ 1:30-2:30pm	Ananya Anand Nadkarni† (Engineering) Dipali Rebecca Abraham† (Engineering) Ayush Ashok Khondge† (Engineering) Princess Gloria Onyinyechi Okoli† (Engineering) Rachel Christine Quisil Ordiales† (Engineering) Lakshmi Vardhan Yepuri† (Engineering)	Zhihong Chen (Engineering) Joerg Appenzeller (Engineering) Doosan Back (Engineering) Ronald K Reger (Centers & Institutes) Richard D Harlan (Centers & Institutes) Joon Hyeong Park (Centers & Institutes) Angshuman Deka (Centers & Institutes) Ryan Prado Bailey (Engineering)
Poster #1696 presented 11/17 @ 1:30-2:30pm	Minh Hoang Giang Nguyen† (Engineering)	Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering) Anand D Tiwari (Polytechnic)
Poster #1697 presented 11/17 @ 1:30-2:30pm	Samuel James Osburn† (Engineering|JMHC) Angelina Zhixu Cheng† (Engineering) Itay Ben Porat† (Engineering)	Jing Zhang (PWL)
Poster #1698 presented 11/17 @ 1:30-2:30pm	George Panagos† (Engineering) Samuel Paul Surdez† (DSB|Engineering) Monish Jonnadula† (Science|JMHC) Iris Elyse Beijar† (Engineering) Joseph Franklin McQueary† (Engineering)	Brett A Meyers (Centers & Institutes)
Poster #1700 presented 11/17 @ 1:30-2:30pm	Alec Peng† (Engineering) Areesh Manohar Sobhani† (Engineering) Archit Maurya† (Engineering|JMHC) Sourish Manthati† (Engineering)	Brady Philhower (Engineering) Jorge Luis Hernandez (Engineering)
Poster #1701 presented 11/17 @ 1:30-2:30pm	Brant Hao Peng† (Engineering) Leo Malachowski† (Engineering|JMHC) Jude Allen Siddiqui‡ (Engineering) John Everett Gewax‡ (Engineering) William Joseph Sweeney‡ (Engineering)	Carla Zoltowski (Engineering)
Poster #1702 presented 11/17 @ 1:30-2:30pm	Katherine Xiaoxing Pesetski† (Engineering|JMHC) Benjamin Alan Capelle* (Polytechnic)	Md Rakibul Islam Prince (Engineering) Yu She (Engineering)
Poster #1704 presented 11/17 @ 1:30-2:30pm	Sricharan Pusarla† (Engineering) Keaton T Hale† (Science) Sreshta Reddy Loka‡ (Engineering|JMHC) Nehemiah Namin Kim‡ (Pharmacy) Tuna Tamkan‡ (Engineering)	Ryan B Wagner (Engineering)
Poster #1706 presented 11/17 @ 1:30-2:30pm	Monish Ramesh Jayakumar† (Science|JMHC)	Yan Cong (Liberal Arts) Ji Yeon Lee (HHS)
Poster #1708 presented 11/17 @ 1:30-2:30pm	Margot Eleni Rechin† (Science)	Xindi Tang (Science) Julia Laskin (Science)
Poster #1709 presented 11/17 @ 1:30-2:30pm	Harlie Elizabeth Robbins† (HHS) Olivia D Markowitz† (Engineering|JMHC) Noah D Thurber† (HHS) Alyssa Mae Remenius† (Science)	Jeffrey M Haddad (HHS) Satyajit S Ambike (HHS)
Poster #1711 presented 11/17 @ 1:30-2:30pm	Devon Ross† (Polytechnic) Ty Joseph Sanders† (Polytechnic) Fayzan Omar Refaqat† (Polytechnic) Vishwadeep Singh† (DSB) Leonard Wencl† (DSB) Duztyjed Macapinlac† (Science) Mariela Manzanares Rios† (DSB|JMHC) Austin Hsu† (Science)	John H Cole (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1712 presented 11/17 @ 1:30-2:30pm	Sasha - Sam† (Engineering) Shivanya Chandra† (Science) Arwa Mostafa† (Engineering) Vishwesswaran Gopal‡ (Engineering) Pragun Sethi‡ (Science) Eann M Gatuna‡ (DSB) Ethar Mostafa‡ (Engineering) Sathvik Kalakonda‡ (Engineering) Prajith Kattamuri‡ (Sc	Vijay Gupta (Engineering) Milind Kulkarni (Engineering)
Poster #1713 presented 11/17 @ 1:30-2:30pm	James Sarkissian† (Science)	Seemein Shayesteh (Polytechnic)
Poster #1714 presented 11/17 @ 1:30-2:30pm	Aditya Sarwaikar† (Engineering) Michael David Green† (Engineering) Kaden Michael Phillips† (Engineering) Georgios Giannakis‡ (Engineering) Cooper James Buchman‡ (Engineering) Scott Swenson‡ (Engineering)	Curtis Earl Marshall (Engineering)
Poster #1716 presented 11/17 @ 1:30-2:30pm	Kierston Jezzarell Schneider† (Engineering) Ryan J Boswell† (Engineering|JMHC) Kyle Tavernier† (Engineering)	Peter Bermel (Engineering)
Poster #1718 presented 11/17 @ 1:30-2:30pm	Lore Sebata† (Agriculture|Engineering)	Emmanuel Ayo Oluwarotimi (Agriculture) Andrew D Mesecar (Centers & Institutes)
Poster #1720 presented 11/17 @ 1:30-2:30pm	Kshitij Miraj Shah† (Engineering) Evan Runzhao Liu† (Engineering) Jaeyun Kim† (Engineering)	Brady Philhower (Engineering)
Poster #1721 presented 11/17 @ 1:30-2:30pm	Tushar Singh† (Engineering|JMHC) Sean Lee† (Engineering)	Zach Anthony Barna (Engineering) Charles Spencer Bowles (Engineering)
Poster #1722 presented 11/17 @ 1:30-2:30pm	Asvin Sivathanu† (Science) Cameron Alexander Bass† (Polytechnic) Rhea Virk† (Engineering)	James G Ogg (Science) Aaron C Ault (Engineering) Ekaterina Tszyao (Science)
Poster #1723 presented 11/17 @ 1:30-2:30pm	Sreekar Sreeram† (Polytechnic)	Karrie Kaiser Lee (Liberal Arts)
Poster #1725 presented 11/17 @ 1:30-2:30pm	Christopher Robert Stemporzewski† (Engineering|JMHC) Aayush Ranjan Kumar† (Engineering) Samir Mehra† (Engineering) Derek Joseph Larson‡ (Engineering) Aran Thevar‡ (Engineering|JMHC) Bailey Marie Jones‡ (Engineering|Liberal Arts) Robert Maxwell Neitz	Alexey Shashurin (Engineering) Nicholas Vytautas Babusis (Engineering)
Poster #1728 presented 11/17 @ 1:30-2:30pm	Anirudh Sura† (Engineering) Alvin Zhang† (Engineering) Lohen Chen† (Engineering) Mariam Habib† (Engineering) Pierson Alexander S Darling† (Engineering) Zhi Lin Shao Lu† (Engineering)	James Michael Goppert (Engineering)
Poster #1729 presented 11/17 @ 1:30-2:30pm	Zachary John Thain† (Engineering) Reece Anthony Kupinski† (DSB) Jayde Gweon† (Engineering) Mitchell Wiley Scott† (DSB)	Chun-Kang Huang (Engineering)
Poster #1730 presented 11/17 @ 1:30-2:30pm	Thrayi Thimmancherla† (Engineering) Sriya Siddula† (Engineering) Sohum Kashyap† (Science) Cuong Bui† (Science)	Brett A Meyers (Centers & Institutes)
Poster #1733 presented 11/17 @ 1:30-2:30pm	Shashank Varamballi† (Engineering) Oliver Que† (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Poster #1734 presented 11/17 @ 1:30-2:30pm	Melody Wang† (Engineering) Leo Lesmes† (Engineering) Giorgos Constantine Adam† (Engineering) Karan Soni† (Engineering) Shriya Guduri† (Engineering)	Kameswari Mantha (Engineering) Cole Aaron Nelson (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1735 presented 11/17 @ 1:30-2:30pm	Benjamin Jay Weile† (Engineering|JMHC) Tanish Ghai‡ (Engineering)	Thomas H Siegmund (Engineering)
Poster #1737 presented 11/17 @ 1:30-2:30pm	Samuel Adison Widjanarko† (Engineering) Mallory M Kuntz† (Engineering|JMHC)	Nadezhda N Zyaykina (Engineering)
Poster #1738 presented 11/17 @ 1:30-2:30pm	Nellie Nicole Wojdalski† (Science)	Ximena Bernal (Science) Richa Singh (PWL) Anna Judy Lozen (Science|JMHC)
Poster #1739 presented 11/17 @ 1:30-2:30pm	Jan Wojtaszek† (Engineering)	Linda E Haynes (Liberal Arts)
Poster #1740 presented 11/17 @ 1:30-2:30pm	Ricky Wong† (Science) Salil Belgal† (Science) Alexander Lu† (Science) Velan Arunmozhi† (Science) Andrew John Billings† (Engineering) Aditya Gandhi† (Science)	James C Davis (Engineering)
Poster #1742 presented 11/17 @ 1:30-2:30pm	Simon Hongyi Xu† (Engineering) Koushik Narayan Chaliki† (Engineering) Morgan G Edwards† (Engineering) Joseph Wang† (Engineering)	Niels van Ritbergen (Engineering) Mark Johnson (Engineering)
Poster #1744 presented 11/17 @ 1:30-2:30pm	Abigail R Zurek† (Education|HHS)	Carla B Rosell (Liberal Arts)
Poster #1745 presented 11/17 @ 1:30-2:30pm	Luke M Zuzovsky† (Engineering) Brian Borui Xu† (Engineering) Jitong Tang† (Science) Carolina Sun† (Engineering)	Samuel Labi (Engineering) Andres Felipe Hoyos Moreno (Engineering) Richard Ajagu (Engineering)
Poster #3000 presented 11/18 @ 10:30-11:30am	Shubhan Srivatsa Anchan† (Science) Jaafer Mohamed Zaneer† (Engineering) Nathaniel Ryan Straight† (Engineering)	Alisha Paul (Engineering)
Poster #3001 presented 11/18 @ 10:30-11:30am	Enzo Caetano Villicana Casati† (Engineering)	Thomas H Siegmund (Engineering) Luis Gerardo Romaguera-Rios (Engineering)
Poster #3002 presented 11/18 @ 10:30-11:30am	Ethan Lucas Dilascio† (Engineering|JMHC) Cecilia Martin Howard† (Engineering) Ismail Mohammad Zarif† (Engineering) Luke Lee† (Engineering) Prahas Ramidi† (Engineering) Sergey Timofeevich Zatsepin† (Engineering)	Alisha Paul (Engineering)
Poster #3004 presented 11/18 @ 10:30-11:30am	Emma Caroline Hartley† (Science|JMHC) Elizabeth Ann Habeeb† (Agriculture|HHS|JMHC) Anna Lynn Heck* (Agriculture|JMHC) Fabiola Ramirez diaz* (Agriculture) John C Lefebvre* (Agriculture) Siena C Traynor* (Vet Med) Erin Bollinger* (Agriculture|JMHC) C	Heather Whittaker Neave (Agriculture) Meghan L Pister (Agriculture) Sarah Ibach (Agriculture) Reilly Reese (Agriculture)
Poster #3005 presented 11/18 @ 10:30-11:30am	Gurucharan Mannur† (Engineering) Jake Belenkiy† (Engineering) Parth Jain† (Science) Owen Zane Bianchi† (Science)	Andy Jung (Science) Noah Charles Singer (Science)
Poster #3006 presented 11/18 @ 10:30-11:30am	Seth Joseph Pascuzzi† (Engineering)	Davide Ziviani (Engineering) Seungho Rhee (Engineering)
Poster #3007 presented 11/18 @ 10:30-11:30am	Kavin Rajesh† (DSB) Liam Duffy Flemming† (DSB) Margaret Tobacco† (DSB) Vanshika Agarwal† (Science)	Soudabeh Taghian Dinani (Engineering)
Poster #3009 presented 11/18 @ 10:30-11:30am	Akshob Vajramani† (Engineering)	Amanda Elizabeth Stone (Engineering) Davide Ziviani (Engineering)
Poster #3010 presented 11/18 @ 10:30-11:30am	Amaylie Jalann Walsh† (HHS)	Catherine Jean Shukle (Liberal Arts)

Presentation	Students	Mentors and Other Acknowledgments
Poster #3011 presented 11/18 @ 10:30-11:30am	Karn Phureesitr† (Agriculture)	Patnarin Benyathiar (Agriculture) George Nyombaire (Purdue University) Dharmendra K Mishra (Agriculture) Akash Kailas Patil (Purdue University) Sandeep Balaji Somvanshi (Purdue University) Ji Sou Lyu (Purdue University) Swadha Garg (Agriculture)
Poster #3100 presented 11/18 @ 1:30-2:30pm	Basil Alojan† (Engineering) David Issa Abulail† (Engineering|JMHC)	Andres Tovar (PWL) Amanda P Siegel (Engineering) Jacob Scott Staker (Science) Manohar Bhandari (Indiana University) Anagha Pulimoottil Surendran (Purdue University)
Poster #3101 presented 11/18 @ 1:30-2:30pm	Utkarsh Bhat† (Engineering) Diego Alfonso De la Guardia Fabrega† (Engineering) Kyle Leyao Ma† (Engineering) Thomas Wang‡ (Engineering)	Jaeeun Kim (Engineering)
Poster #3102 presented 11/18 @ 1:30-2:30pm	Keegan S Breese† (Polytechnic) John Michael Peters‡ (Polytechnic|Science|JMHC) Ethan Wayne Williamson‡ (Engineering) Quincy F Bourell‡ (Engineering) Alexis Avery Greenfield‡ (Engineering) Leesa Takara‡ (Engineering|JMHC) Jason White‡ (Engineering);	D. Marshall Porterfield (Agriculture|Engineering) Robert M Stwalley (Agriculture|Engineering) Dawn Whitaker (Engineering) Richard John Barker (Engineering) Chelsea Faviola Garcia (Engineering)
Poster #3104 presented 11/18 @ 1:30-2:30pm	Aubriana Green† (Engineering) Kaarmick Iyer† (Engineering) Diara Refuerzo† (Engineering)	Sungsoo Na (PWL) Julie Ying Hui Ji (PWL)
Poster #3105 presented 11/18 @ 1:30-2:30pm	Andrew Yicheng Li† (Engineering) Vedant Patil† (Science)	Andres Tovar (PWL) Amanda P Siegel (Engineering)
Poster #3106 presented 11/18 @ 1:30-2:30pm	Anudeep Sai Manda† (Engineering) Elliot Michael Kim† (Engineering)	Richard Ajagu (Engineering) Reed Joseph Freer (Engineering) Andres Felipe Hoyos Moreno (Engineering) Samuel Labi (Engineering)
Poster #3108 presented 11/18 @ 1:30-2:30pm	Keaton Jared Michalski† (Agriculture)	Trever Leon Thurgood (Agriculture) Roland Conrad Wilhelm (Agriculture)
Poster #3109 presented 11/18 @ 1:30-2:30pm	Mekhi Christopher-Larry Robinson† (Polytechnic)	Deniz Besiktepe (Polytechnic)
Poster #3110 presented 11/18 @ 1:30-2:30pm	Russell Jay Widder† (Engineering)	Thomas H Siegmund (Engineering)
Poster #3111 presented 11/18 @ 1:30-2:30pm	Katherine Zimmerman† (Polytechnic) Sritha Chavali† (Science)	Kari L Clase (Agriculture|Engineering) Taylor Sophia Buchowski (Agriculture|Engineering) Marcelo Inaki I Guerrero Montalvan (Agriculture) Vikram Kumar (Agriculture|Engineering) Amanda K Limiac (Agriculture|Engineering)
Talk #7000 presented 11/18 @ 9:00am	Aiyan Alam† (Engineering)	Vijay Raghunathan (Engineering)
Talk #7001 presented 11/18 @ 9:20am	Jaswant Singh† (Engineering) Vikram Madhusudan Chakrabhavi† (Engineering) Elena Gutierrez† (Engineering) Azamat Eshmuratov† (Engineering) Vikram Ganesh Kumar‡ (Engineering) Griffin Rhoads‡ (Engineering) Ryan Leviste‡ (Engineering)	Priya Adiga (Engineering|JMHC) Andrew Owen Fewell (Engineering)
Talk #7002 presented 11/18 @ 9:40am	Robert Charles Feeney† (Engineering) Olivia Grace Hart† (Engineering) Brendan Charles Willour‡ (Engineering) Benjamin Isaac Miller‡ (Education|Polytechnic)	Aparajita Jaiswal (Engineering)
Talk #7003 presented 11/18 @ 9:00am	Amogh Bysani† (Science|JMHC)	Wenzhuo Wu (Engineering)
Talk #7004 presented 11/18 @ 9:20am	Alekh Shah† (Engineering) Bea Olivia Cabot* (HHS|Science) Helen Yee* (Engineering)	Craig Goergen (Engineering) Benjamin Zeidler (Engineering) Cortland Hannah Johns (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7005 presented 11/18 @ 9:40am	Mark Vincent Waldron† (Science)	Mohammad Reza Jahanshahi (Engineering) Nikkhil Vijaya Sankar (Engineering)
Talk #7006 presented 11/18 @ 9:00am	Jeremy Zhang† (Engineering) Hillary Chen‡ (Engineering|Science)	Shubh Parag Mehta (Engineering) Craig Goergen (Engineering) Benjamin Landis (Indiana University) India Ree Walker (Engineering) CJ Holdeman (Engineering)
Talk #7007 presented 11/18 @ 9:20am	Rishi Bagri† (Liberal Arts|Science) Nimisha R Rangarajan† (Science) Luca Chen† (Engineering) Callum Roderick Sizer† (Science)	Yung-Hsiang Lu (Engineering)
Talk #7008 presented 11/18 @ 9:40am	Iniya Venkat† (Engineering)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Talk #7009 presented 11/18 @ 9:00am	Rafael Monteiro Martins Pinheiro† (Engineering)	Hassan Al-alawi (Engineering) Mark Johnson (Engineering)
Talk #7010 presented 11/18 @ 9:20am	Grayson D Givens† (Science|JMHC) Rajan Joshi† (Engineering)	Nadezhda N Zyaykina (Engineering)
Talk #7011 presented 11/18 @ 9:40am	Vladimir D Bondar† (Engineering) Alexander Repikov* (Engineering|JMHC)	Niels van Ritbergen (Engineering) Timothy Francis Hein (Engineering) Mark Johnson (Engineering)
Talk #7012 presented 11/18 @ 9:00am	Medhansh Garg† (Science)	Andy Jung (Science) Noah Charles Singer (Science)
Talk #7013 presented 11/18 @ 9:20am	Rohan Joseph Eapen† (Engineering|Science)	Sandro Matosevic (Pharmacy) Soumyajit Das (Pharmacy) Valentina Andrade Perez (Pharmacy) Shuyi Zhou (Pharmacy) Tyler Parker Fritsch (Pharmacy)
Talk #7014 presented 11/18 @ 9:40am	Priya Mishra† (Science)	Tiancong Zhu (Science) Kyung Jun Lee (Science)
Talk #7015 presented 11/18 @ 9:00am	Samin Sanjana† (Engineering)	Greg M Michalski (Science)
Talk #7016 presented 11/18 @ 9:20am	Danica Althea Diva† (Science|JMHC)	Ulysses Diva, Jr (U. Diva Statistical Consulting, LLC)
Talk #7017 presented 11/18 @ 9:40am	Juan Pablo Goyes Bucheli†	Nicolas Mauricio Morato Gutierrez (Centers & Institutes) Alexis Toney Owen (Science) Robert Graham Cooks (Science)
Talk #7018 presented 11/18 @ 9:00am	Natalie Bozinovski† (Engineering) Yi-Lien Chen† (Engineering) Max Lu† (Engineering) Skyler R Wenger† (Engineering) Greyson Andrew Altaffer† (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Samuel Labi (Engineering) Richard Ajagu (Engineering)
Talk #7019 presented 11/18 @ 9:20am	Ramya Prasanna† (Science|JMHC)	Nan Kong (Engineering)
Talk #7020 presented 11/18 @ 9:40am	Alexander Whitaker Raber† (Liberal Arts|Science)	Sergio Munoz-Gomez (Science)
Talk #7021 presented 11/18 @ 9:00am	Peter Gyusung Yoon† (Liberal Arts|Science)	Cameron Joseph Smith (Science) Makaela Marie Bennett (Agriculture) Neel Tushar Parekh (Science) Mary L Niedrauer (Science) Stewart Andrew Low (Science) Madduri Srinivasarao (Centers & Institutes) Philip S Low (Science)
Talk #7023 presented 11/18 @ 9:40am	Karis Ge Fu† (HHS|JMHC)	Reeya Tanwar (HHS) Jason R Cannon (HHS)
Talk #7024 presented 11/18 @ 10:00am	Hadley June Rumbach† (Science) Netra Ashish Shah‡ (Science) Advaith Bony Nair‡ (Science)	Samuel Patrick Nortz (Science) Jeffrey Edward Dick (Science)
Talk #7026 presented 11/18 @ 10:40am	Boris Konstantine Smaguine† (Science)	Harris J Bras (Liberal Arts)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7028 presented 11/18 @ 10:20am	Benjamin Thomas Barnaby† (HHS)	Aaron B Bowman (HHS) Anke Marije Tukker (HHS) Maxel Ludwig Sal Simmel (HHS)
Talk #7030 presented 11/18 @ 10:00am	Kanishka Seiharia† (Science) Prisha Marpu† (Science)	Robert Jose Ccorahua santo (Engineering) Wenzhuo Wu (Engineering)
Talk #7031 presented 11/18 @ 10:20am	Hamsikasree Vedavinayagam† (Engineering)	Tae Yoon Kim (Engineering) Jeffery Robert Coulter (Engineering) Weiwei Zhang (Centers & Institutes) Anjali Iyer-Pascuzzi (Agriculture) Christopher J Staiger (Agriculture|Science)
Talk #7034 presented 11/18 @ 10:40am	Rohan S Thakur† (Engineering|JMHC) Anthony David Schmok† (Engineering) An Quoc Kieu† (Engineering|Science|JMHC) Ben Darin Xu† (Engineering|JMHC)	Hettiarachchige D Perera (Engineering) Wenzhuo Wu (Engineering)
Talk #7035 presented 11/18 @ 10:00am	Peter Robertson Skrdla† (Engineering) Joseph Timothy Kritenbrink* (Engineering)	Alex Santiago-Vargas (Engineering) Dimitrios Peroulis (PWL)
Talk #7036 presented 11/18 @ 10:20am	Anandi Durgam† (Engineering)	Alex Chortos (Engineering) Mohammed Jamal Al-Rifaie (Engineering)
Talk #7037 presented 11/18 @ 10:40am	Aishwarya Kunigal† (Engineering) Calvin Adriaan VanderSchee† (Engineering) Nicholas George Doherty† (Engineering|JMHC) Lincoln Ariel Alicea† (Engineering|JMHC) Kara Rochelle McCrindle‡ (Engineering)	Brett A Meyers (Centers & Institutes) Hyeondong Yang (Engineering)
Talk #7038 presented 11/18 @ 10:00am	Nakul Sreekanth† (Engineering) John Lance Clark† (DSB|JMHC) Avi Gupta† (Engineering) Riya Chamala† (Engineering)	Sivaranjani Seetharaman (Engineering)
Talk #7039 presented 11/18 @ 10:20am	Devesh Maheshwari† (Engineering|Science) Alex Chuan Yang Zhang† (Science) Richard Z Zhang† (Engineering) Aadi Gupta† (Science)	James C Davis (Engineering)
Talk #7040 presented 11/18 @ 10:00am	Pablo De Leon Devia† (Engineering)	Tillmann C Kubis (Engineering) Manas Pratap (Engineering) Namita Narendra (Engineering)
Talk #7041 presented 11/18 @ 10:20am	Yuan Heidi Yue† (HHS|Science|JMHC)	Julie C Liu (Engineering) Marisa Ann Egan (Engineering)
Talk #7042 presented 11/18 @ 10:40am	Manav Nikhil Gagvani† (Engineering) Jiashu Liu† (Engineering) Jaden Tang† (Engineering) Rithvik Praveen Kumar† (Science) Aran Pandey† (Science)	Reed Joseph Freer (Engineering) Andres Felipe Hoyos Moreno (Engineering)
Talk #7043 presented 11/18 @ 10:00am	Gauri Srinath† (Science|JMHC)	Hilkka Kenttamaa (Science)
Talk #7044 presented 11/18 @ 10:20am	Brandon Vu Loehr† (Science)	Yexiang Xue (Science)
Talk #7045 presented 11/18 @ 10:40am	Adarsh Siva† (Science) Aniketh P Upadhya† (Polytechnic) Arjun Jagannathan† (Science) Felipe da Paixao† (DSB) Samuel Yanqi Li† (Science) Tiffany Yung† (Science|JMHC)	Zahra Ghodsi (Engineering)
Talk #7046 presented 11/18 @ 11:00am	Gourav Pany† (Engineering) John Regan† (Engineering) Luke Alexander Macrina† (Engineering) Nathan Robert Walsh† (Engineering) Apostolos Constantine Zachariadis* (Engineering) Trinay Ravella* (Engineering) Quinn P Murphy* (Engineering)	Aparajita Jaiswal (Engineering)
Talk #7047 presented 11/18 @ 11:20am	Anna Julie Astrid Webb† (Science)	Meera Pancholi Doran (Engineering) Craig Goergen (Engineering)
Talk #7048 presented 11/18 @ 11:40am	Shashwat Goel† (Science)	Wenzhuo Wu (Engineering) Robert Jose Ccorahua santo (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7049 presented 11/18 @ 11:00am	Sidh Jain† (Engineering|JMHC) Hardayal Singh Harpal Singh Bajwa† (Science) Ishaan Vijaywargiya† (DSB) Jaina Yeonho An† (DSB)	Soudabeh Taghian Dinani (Engineering)
Talk #7050 presented 11/18 @ 11:20am	Ken Lynch† (Science|JMHC) Nora Fatzinger† (Engineering) Skylar Grace Weinstein† (Engineering) Henry Tran† (Engineering) Nathan Crute† (Engineering) Takuto Tominari† (Engineering) Max Nepochatov* (Engineering)	Curtis Earl Marshall (Engineering)
Talk #7051 presented 11/18 @ 11:00am	Elijah Francis Guison-Dowdy† (Engineering) Shayna Beatrice Messler† (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Talk #7056 presented 11/18 @ 11:00am	Jonathan Sam Suresh† (Science|JMHC)	Manasi Suchit Halurkar (Pharmacy) Yang Yang (Pharmacy)
Talk #7057 presented 11/18 @ 11:20am	Carol Marion Hercules† (Engineering) Quazi Arisha Mahmud† (Engineering) Claire Martel† (Engineering|JMHC) Alex Adrian Rivera† (Engineering)	Sandro Matosevic (Pharmacy)
Talk #7058 presented 11/18 @ 11:40am	Laura Sofia Gomez Toscano† (Pharmacy)	Jean-christophe Rochet (Pharmacy) Bryce Colon (Pharmacy) Katie Lynn Whitcomb (Pharmacy) Kevin J Webb (Engineering)
Talk #7059 presented 11/18 @ 11:00am	Parwa Alexandra Alagon Aguilar† (Polytechnic)	Mo Rastgaar (Polytechnic) Jorge Enrique Neira Garcia (Polytechnic) Darren Chang (Engineering)
Talk #7060 presented 11/18 @ 11:20am	Nathan Eli Adamson† (Polytechnic)	Harris J Bras (Liberal Arts)
Talk #7061 presented 11/18 @ 11:40am	Alejandro Diaz Pinales† (Engineering)	Garam Kim (Polytechnic) Sucheol Woo (Polytechnic)
Talk #7063 presented 11/18 @ 11:20am	Sri Krishna Teja Mannava† (Science)	Andres Eduardo Llacsahuanga Allcca (Engineering|Science) Leonid P Rokhinson (Science)
Talk #7064 presented 11/18 @ 11:40am	Aidan Feirstein† (Science|JMHC) Julianna Victoria Vishnyakova‡ (Science|JMHC) Alden James Brinkmann* (Science) Vittal Rajagopalan* (Engineering) Ishani Roy* (Science|JMHC)	Kristen Marie Bellisario (JMHC)
Talk #7065 presented 11/18 @ 11:00am	Adyaa Khera† (Polytechnic) Mason A Vrshek‡ (Engineering)	Yu She (Engineering) Md Rakibul Islam Prince (Engineering) Jaeeun Kim (Engineering) Yuhao Zhou (Engineering) Sheeraz Athar (Engineering)
Talk #7066 presented 11/18 @ 11:20am	Nishaant Guptan Veemboor† (Engineering)	Alex Santiago-Vargas (Engineering) Dimitrios Peroulis (PWL) Mohamed F Hagag (PWL)
Talk #7067 presented 11/18 @ 11:40am	Aybars Yunusoglu† (Engineering|JMHC) Amr El Sayed Rageh† (Engineering) Ishaan Sahu† (Engineering) Ian Mitchell Yao† (Engineering) Alan H Hsi‡ (Science)	James C Davis (Engineering)
Talk #7068 presented 11/18 @ 12:00pm	Vivan Kumar† (Science|JMHC)	Fengqing Zhu (Engineering) Gautham Vinod (Engineering)
Talk #7069 presented 11/18 @ 12:20pm	Erich Hetz† (Science)	Linda E Haynes (Liberal Arts)
Talk #7070 presented 11/18 @ 12:40pm	Lillian Deetz† (Science)	Harris J Bras (Liberal Arts)
Talk #7071 presented 11/18 @ 12:00pm	Srikrishna Brihadishwara Rajarajan† (Engineering) Kelvin Sam Zebah Singh Alfred‡ (Texas A&M)	Pragathi Durga Rajarajan (Science)
Talk #7072 presented 11/18 @ 12:20pm	Joseph Timothy Kritenbrink† (Engineering)	Alex Santiago-Vargas (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7073 presented 11/18 @ 12:40pm	Christian Scheckel† (Engineering) Brandon Christopher de Jong† (Engineering) Isaac Paul Grosman† (Engineering) Marcus Milewski† (Engineering)	Richard Ajagu (Engineering) Reed Joseph Freer (Engineering) Andres Felipe Hoyos Moreno (Engineering) Samuel Labi (Engineering)
Talk #7074 presented 11/18 @ 12:00pm	Arnav Ashish Kalekar† (Engineering) Vishaal Iyer† (Science) Sooji Lee† (Science) Ricky Wong† (Science)	Yung-Hsiang Lu (Engineering) Ojas Chaturvedi (Science|JMHC) Kayshav Bhardwaj (Liberal Arts|Science) Yeon Ji Yun (Liberal Arts)
Talk #7075 presented 11/18 @ 12:20pm	Sabastian Hunter Hamilton† (Engineering) Roxsonna Nika Janiszewski† (Engineering) Athavan Arvind† (Engineering) Aarav M Shah† (Engineering) Ava R Assante† (Engineering) Rushabh Rahul Shah† (Engineering)	Peter Bermel (Engineering) Joon Hyeong Park (Centers & Institutes) Guy J Telesnicki (Purdue University) Noah F Opondo (Centers & Institutes)
Talk #7076 presented 11/18 @ 12:40pm	Rex Wu† (Engineering) Changyun Lee† (Engineering) Wei Lun Chang† (Engineering) Owen Chen† (Engineering)	Peter Bermel (Engineering) Zhihong Chen (Engineering) Joerg Appenzeller (Engineering) Saeed Mohammadi (Engineering)
Talk #7077 presented 11/18 @ 1:00pm	Changho Lee† (Engineering)	Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering) Anand D Tiwari (Polytechnic)
Talk #7078 presented 11/18 @ 1:20pm	Hetasri Galla† (Science) Farah Elbohofy† (Engineering) Soumil Bhandari† (Engineering) Sravani Mahankali† (Engineering) Aishi Lalitha Garimella† (Engineering)	Curtis Earl Marshall (Engineering)
Talk #7079 presented 11/18 @ 1:40pm	Arthur Prudius† (Engineering) Randolph Nathan Ha† (Engineering|JMHC) Andrew Paul Becker† (Engineering|JMHC) Nezar Fahmi† (Engineering)	Andrew Owen Fewell (Engineering) Boyuan Chen (Engineering)
Talk #7080 presented 11/18 @ 1:00pm	Paula Andrea Zapata Palmezano† (Engineering) Juan Esteban Torres Ramos†	Babak Anasori (Engineering) Muhammad Sharif Uddin (Engineering)
Talk #7081 presented 11/18 @ 1:20pm	Julia Kang† (Science) Ojas Chaturvedi‡ (Science|JMHC) Julian Vuong* (Engineering)	Shubh Parag Mehta (Engineering) Craig Goergen (Engineering) Benjamin Landis (Indiana University)
Talk #7082 presented 11/18 @ 1:40pm	Akimizu Sugiyama† (Engineering)	Yu She (Engineering) Md Rakibul Islam Prince (Engineering)
Talk #7083 presented 11/18 @ 1:00pm	Mirza Orunav Shahper† (Engineering)	Shreejith Ravisankar (Engineering) Michael P Sealy (Engineering)
Talk #7084 presented 11/18 @ 1:20pm	Elena Anne Lehner† (Engineering|JMHC) Sebastian Enrique Pirela† (Engineering|JMHC)	James Garrison (Engineering) Benjamin Nold (Purdue University)
Talk #7085 presented 11/18 @ 1:40pm	David Dang† (Science) Haoxuan Tong† (Science) Shashwat Goel† (Science)	Yung-Hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts) Ojas Chaturvedi (Science|JMHC) Kayshav Bhardwaj (Liberal Arts|Science)
Talk #7086 presented 11/18 @ 1:00pm	Sarah Elizabeth Bohne† (Science|JMHC)	Denniell Ann Hurboda (Science) Shelley A Claridge (Engineering|Science)
Talk #7087 presented 11/18 @ 1:20pm	Brook Netsanet Animut† (Science)	Garrett Ivan Colon (Liberal Arts)
Talk #7089 presented 11/18 @ 1:00pm	James LeClerc† (HHS)	Linda E Haynes (Liberal Arts)
Talk #7092 presented 11/18 @ 1:00pm	Ronan Edward Lang† (Polytechnic|JMHC) James Tyler Lyuke† (Polytechnic) Michael Martin Zielinski† (Polytechnic) Jaehu Lee† (Polytechnic|JMHC)	Abner Del Cid Flores (Polytechnic)
Talk #7093 presented 11/18 @ 1:20pm	Paul Kyu-Hwan Park† (Polytechnic) Changho Lee‡ (Engineering)	Garam Kim (Polytechnic)
Talk #7094 presented 11/18 @ 1:40pm	Japteg Singh Bamrah† (Polytechnic)	Anne M Lucietto (Polytechnic)
Talk #7095 presented 11/18 @ 1:00pm	Ishan Gopu Nair† (Engineering) Md Sadat Aarik* (Engineering) Mudit Pandey* (Engineering)	David Warsinger (Engineering) Junyan Ren (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7096 presented 11/18 @ 1:20pm	Maximillian Li† (Engineering) Vikram Madhusudan Chakrabhavi† (Engineering) Kerry Zhang† (Engineering) Andruw Kuang-Le Lin† (Engineering)	Alexander J Weyer (Engineering)
Talk #7097 presented 11/18 @ 1:40pm	Shaurya Beriwala† (PFW) Amit H Jadhav† (PFW)	David Liu (PFW) Yanfei Liu (PFW)
Talk #7098 presented 11/18 @ 1:00pm	Chaeyeon Lee† (Science)	Harris J Bras (Liberal Arts) Bradley Keith Broyles (Science)
Talk #7099 presented 11/18 @ 1:20pm	Ashrith Ponna† (Science|JMHC)	Yexiang Xue (Science)
Talk #7100 presented 11/18 @ 1:40pm	Julianna Victoria Vishnyakova† (Science|JMHC) Alden James Brinkmann‡ (Science) Vittal Rajagopalan‡ (Engineering) Phol Jiraphasuksakul‡ (Engineering) Ishani Roy‡ (Science|JMHC)	Kristen Marie Bellisario (JMHC)
Talk #7101 presented 11/18 @ 2:00pm	Maxwell J Gootee† (HHS|JMHC) Agampreet Kaur‡ (HHS|JMHC)	Jennifer Freeman (HHS) Umamaheswari Sathisaran (HHS)
Talk #7105 presented 11/18 @ 2:20pm	Parvesh Venugopallavanya† (Agriculture) Erin Elizabeth Bigelow† (HHS)	Charles Key Stone (Science) Madduri Srinivasarao (Centers & Institutes) Losha Dasol Jung (Science)
Talk #7106 presented 11/18 @ 2:40pm	Adikesh S Nathan† (Science)	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Talk #7107 presented 11/18 @ 2:00pm	Leonel Baskin Sesuraj Baskin† (Science) Rohan Joseph Eapen† (Engineering|Science)	Matthew Thomas Tegtmeyer (Science) Md Nazmul Hasan (Science)
Talk #7108 presented 11/18 @ 2:20pm	Sam William Pierce† (Engineering) Ailesh Verma† (Engineering) Karthik Karuna Datta Duvvuri† (Engineering|JMHC)	Thi Hanh Vo (Science)
Talk #7109 presented 11/18 @ 2:40pm	Prabhat Mani James Nayagam† (Science)	Harris J Bras (Liberal Arts)
Talk #7110 presented 11/18 @ 2:00pm	Sourish Manthati† (Engineering) Tanmay Deshmukh† (Engineering) Paul C Bergeson-dana† (Engineering|JMHC) Paul Shannon Slack† (Engineering|JMHC) Donovan Joseph Bechi‡ (Engineering)	Priya Adiga (Engineering|JMHC) Andrew Owen Fewell (Engineering)
Talk #7112 presented 11/18 @ 2:40pm	Li-Yen Lai† (Polytechnic) Dongyun Lim† (Engineering) Thirukumaran Veleyudham† (Science) Ryan Reddy† (Science) Vedant Arora† (Science) Paridhi Agarwal* (Engineering)	Yung-Hsiang Lu (Engineering)
Talk #7113 presented 11/18 @ 2:00pm	Shivani Ramkumar† (Engineering)	Lisa B Bosman (Polytechnic)
Talk #7114 presented 11/18 @ 2:20pm	Bo-Cheng Lu† (Polytechnic|JMHC)	Jahid Hasan (Polytechnic) Romila Pradhan (Polytechnic)
Talk #7115 presented 11/18 @ 2:40pm	Megan Amy Rudo† (Engineering|JMHC) Nicolas Sosa Fraga† (Polytechnic) Madison Jeanne Gomes† (Engineering)	Jiansong Zhang (Polytechnic) Meta Soy (Polytechnic) Jingyi Lai (Polytechnic)
Talk #7116 presented 11/18 @ 2:00pm	Nguyen Khanh† (Science)	An Thien Nguyen (Science)
Talk #7117 presented 11/18 @ 2:20pm	Debarya Saha† (Engineering) Daksh Santhosh† (Science) Aaron Yuncong Zhang† (Engineering) Leo-Paul Perrin† (Engineering)	Christopher Rashidian (Polytechnic) Sabine Brunswicker (Polytechnic)
Talk #7118 presented 11/18 @ 2:40pm	Jijnasu Prakash Rout† (Engineering)	Abheek Chatterjee (Engineering)
Talk #7121 presented 11/18 @ 2:00pm	Ananya Shaurya† (Polytechnic|JMHC)	Jennifer Bay (Liberal Arts)
Talk #7122 presented 11/18 @ 2:20pm	Karina Jones Peate† (Liberal Arts|JMHC)	Rebecca Johnson (HHS) Ernest R Blatchley (Engineering)
Talk #7126 presented 11/18 @ 3:40pm	Kat Mccormick† (Liberal Arts) Nangba Hugh Konyak* (Science|JMHC)	Benjamin J Schoville (Liberal Arts)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7127 presented 11/18 @ 3:00pm	Cael Hinde† (Liberal Arts|Science)	Harris J Bras (Liberal Arts)
Talk #7128 presented 11/18 @ 3:20pm	Connor Benjamin Coladonato† (Engineering) Liam Yates† (Science) Anand Krishnan† (Engineering)	Andres Felipe Hoyos Moreno (Engineering) Reed Joseph Freer (Engineering) Richard Ajagu (Engineering) Samuel Labi (Engineering)
Talk #7129 presented 11/18 @ 3:40pm	Mia Constance Schecter† (Agriculture|JMHC) Gregory Alfred Glenn† (Engineering) Sushma Katta† (Engineering|JMHC) Emilio Alejandro Meza Viera† (PWL) Suya Shen† (Agriculture) Muskaan Garg‡ (Engineering) Henry Ewald‡ (Engineering) Anishka Jain‡ (Scienc	D. Marshall Porterfield (Agriculture|Engineering) Richard John Barker (Engineering) Adam W Gelman (Agriculture|Engineering)
Talk #7130 presented 11/18 @ 3:00pm	Ngoc Anh T Nguyen† (PNW) Jayden Shah‡ (Lake Central High School (Merrillville, IN))	Ernest Francis Talarico, Jr. (PNW) Loc Vu (Tan Tao University School of Medicine, Vietnam) Thach Nguyen (Tan Tao University School of Medicine)
Talk #7132 presented 11/18 @ 3:40pm	Nik Auclair† (Polytechnic) Caden Cole Cowles† (Polytechnic)	Damon Lercel (Polytechnic) Nathan Tyler Rose (Science) Garam Kim (Polytechnic)
Talk #7133 presented 11/18 @ 3:00pm	Logan Labno† (Science)	Linda E Haynes (Liberal Arts)
Talk #7134 presented 11/18 @ 3:20pm	Shawn Kongzhao Liu† (Science)	Jinho Jang (Pharmacy) Danzhou Yang (Pharmacy)
Talk #7135 presented 11/18 @ 3:40pm	Claire Hack† (Science)	Harris J Bras (Liberal Arts)
Talk #7136 presented 11/18 @ 3:00pm	Leonor Antunes Sinogas† (Science)	Shulan Xiao (Engineering) Linlin Li (Engineering) Scotty Secrist (PWL)
Talk #7137 presented 11/18 @ 3:20pm	Muhammad Mahdi Marzan† (Engineering) Saishri Bagde‡ (Engineering)	Alexandra Boltasseva (Engineering) Miroslava Marinova Marinova (Engineering) Kyu Ri Choi (Engineering)
Talk #7138 presented 11/18 @ 3:40pm	Matthew Manuel† (Engineering) Aiden James Carr* (Engineering|JMHC) Megan Zuran Grolemund* (Engineering)	Rohan Rahul Pradhan (Engineering) Jaeeun Kim (Engineering)
Talk #7139 presented 11/18 @ 3:00pm	Miram Elag† (Engineering|JMHC) Grace Lincoln† (Engineering)	Julie Ying Hui Ji (PWL) Sungsoo Na (PWL) Natasha Rajendrara Gundapaneni (Engineering)
Talk #7140 presented 11/18 @ 3:20pm	Tim Jacques van Antwerpen† (Engineering) Annabelle Nakamura Defosse† (Engineering|JMHC) Ekagra Agarwal† (Engineering) Sophia Yixuan Lu† (Engineering) Logan Scott Fergusson† (Engineering) Qiming Chai† (Engineering)	Peter Bermel (Engineering) Saeed Mohammadi (Engineering)
Talk #7141 presented 11/18 @ 3:40pm	Yujia Alina Li† (Engineering) Ronald Oum† (Engineering) Drew Babel† (Engineering)	Cole Aaron Nelson (Engineering)
Talk #7142 presented 11/18 @ 3:00pm	Raghuv Potdar† (Engineering) Nikolai Viswanath† (Engineering|JMHC) Khoi Anh Nguyen† (Engineering) Andy Hanjun Hu† (Engineering) Caleb Enos Zhang† (Engineering|JMHC) Dongliang Luo† (Engineering)	Zach Anthony Barna (Engineering) Charles Spencer Bowles (Engineering)
Talk #7143 presented 11/18 @ 3:20pm	Yash Dalal† (Engineering) Daniel Jungil Lee† (Engineering) Andre Penna Fontana† (Engineering)	Peter Bermel (Engineering) Muhammad A Alam (Engineering)
Talk #7144 presented 11/18 @ 3:40pm	Navya Dewan† (Science|JMHC)	Priyanka Baloni (HHS) Purba Mandal (HHS)
Talk #7145 presented 11/18 @ 3:00pm	Alexander Jamison Merchant† (HHS)	Daniel J Foti (HHS)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7146 presented 11/18 @ 3:20pm	Ashley Fontana† (HHS)	Harris J Bras (Liberal Arts)
Talk #9000 presented 11/16-11/20 virtually	Noshin Atiya Rahman† (PFW)	Ahmed Mustafa (PFW) Rebecca Palu (PFW) Sayed Abdullah Al Mamun (PFW)
Talk #9002 presented 11/16-11/20 virtually	Michael Borokhov† (Engineering) Kieran Ray Neill† (Engineering) Nathan Leong† (Engineering) Aaron Guo† (Engineering)	Jayaditya Borah (Engineering)
Talk #9003 presented 11/16-11/20 virtually	Peyton Rose Collier† (Pharmacy)	Ellen M Schellhase (Pharmacy) Monica Miller (Pharmacy)
Talk #9004 presented 11/16-11/20 virtually	Sophia Cunningham† (Engineering) Kara Wang† (Engineering|JMHC) Lillian McFall‡ (Engineering|JMHC)	Pablo D Zavattieri (Engineering) Dylan Kenji Wainwright (Agriculture|Science) Mariana Arias Loaiza (Engineering) Juan Fernando Cucuyame Morales (Engineering)
Talk #9005 presented 11/16-11/20 virtually	Noah Alston Dyer† (Engineering)	Curtis Earl Marshall (Engineering)
Talk #9011 presented 11/16-11/20 virtually	Safa Islam† (Engineering)	Seyedehmarzieh Rouhani (Engineering)
Talk #9013 presented 11/16-11/20 virtually	Soham Jindal† (Engineering)	Andrew Li Niu (Science)
Talk #9014 presented 11/16-11/20 virtually	Harshil Bijal Joshi† (Engineering) Isaac En Kai Then† (Engineering)	Jaeeun Kim (Engineering)
Talk #9015 presented 11/16-11/20 virtually	Arnav Juneja† (Engineering) Drew Forrest Sullivan† (Engineering) Matthew Du† (Engineering|JMHC) Lucas Michael Mallen† (Engineering) Rohan Mihir Gandhi† (Engineering)	Cole Aaron Nelson (Engineering) Mark Johnson (Engineering)
Talk #9016 presented 11/16-11/20 virtually	Jay Amit Katariya† (DSB)	Curtis Earl Marshall (Engineering)
Talk #9017 presented 11/16-11/20 virtually	Ian James Knight† (Engineering) Anushka Erra† (Engineering)	Peter Bermel (Engineering) Muhammad A Alam (Engineering)
Talk #9018 presented 11/16-11/20 virtually	Jacob Lawrence† (Engineering)	Cole Aaron Nelson (Engineering)
Talk #9020 presented 11/16-11/20 virtually	Claire Liu† (Engineering) Jiya Kaur Dhiman† (Science) Zijie Lou† (Engineering) Saif Nasser Zagha† (Science) Jiashu Liu‡ (Engineering) Rohan Rahul Pradhan‡ (Engineering) Sruthika Shivakumar‡ (Engineering|JMHC)	Yung-Hsiang Lu (Engineering)
Talk #9021 presented 11/16-11/20 virtually	Felix Ramazov Marikashvili† (Engineering)	Andrew Owen Fewell (Engineering) Peter Bermel (Engineering)
Talk #9022 presented 11/16-11/20 virtually	Andre Lee‡ (Science) Srreyansh Sethi‡ (Science) Manas Anantha Maligi‡ (Engineering) Amr El Sayed Rageh‡ (Engineering)	James C Davis (Engineering) Huiyun Peng (Engineering) Stefan Teodor Maxim (Engineering) Arjun Sandeep Gupte (Engineering)
Talk #9023 presented 11/16-11/20 virtually	Ajay Ramesh† (Engineering) Elijah David Gallup† (Engineering) Vani Tiwari† (Engineering) Satyanandana Sivani Thallam† (Engineering) Derek Purka† (Engineering) Julian Foley† (Engineering) Aditya Satish Musale† (Polytechnic)	Curtis Earl Marshall (Engineering)
Talk #9025 presented 11/16-11/20 virtually	Shreraj Singh Sanjay Sainani† (Engineering) Carolina Sun† (Engineering)	Jiansong Zhang (Polytechnic) Meta Soy (Polytechnic) Jingyi Lai (Polytechnic)
Talk #9026 presented 11/16-11/20 virtually	Hirthik Gopal Shanmugam† (Engineering) Nicholas Zhang† (Engineering)	Cole Aaron Nelson (Engineering)
Talk #9027 presented 11/16-11/20 virtually	Kulpreet Singh† (Polytechnic)	Esra Tepeli (Polytechnic)

Presentation	Students	Mentors and Other Acknowledgments
Talk #9028 presented 11/16-11/20 virtually	Adam Song† (Science) Cade Stogsdill† (Engineering) Adhitya Shantharam† (Science)	Jiansong Zhang (Polytechnic) Meta Soy (Polytechnic) Jingyi Lai (Polytechnic)
Talk #9029 presented 11/16-11/20 virtually	Rohan Sunil† (Engineering)	Jaeeun Kim (Engineering)
Talk #9031 presented 11/16-11/20 virtually	Josh Truman† (Engineering) Isabelle Jacqueline LeBlanc† (Engineering) Max Mayer† (Engineering) Divya Anantkumar Patel† (Engineering) Marcus Abraham Zee† (Engineering) Liang-Hua Chao† (Engineering)	Curtis Earl Marshall (Engineering) Alexander Repikov (Engineering|JMHC)
Talk #9033 presented 11/16-11/20 virtually	Henan Wang† (Engineering)	Seyedehmarzieh Rouhani (Engineering) Mark Johnson (Engineering)
Talk #9035 presented 11/16-11/20 virtually	David Changhong Yang† (Engineering)	Jozue Kim (Engineering)
Talk #9036 presented 11/16-11/20 virtually	Aaron Yin† (Engineering) Julian Arun Creel† (Engineering) Saket Manoj Kanagal† (Engineering)	Luke J Ferrer (Engineering|JMHC)
Talk #9037 presented 11/16-11/20 virtually	Mingze Zhang† (Polytechnic)	Harris J Bras (Liberal Arts)
Talk #9038 presented 11/16-11/20 virtually	William Hongyi Zhong† (Science|JMHC)	Joseph Jeong (Engineering)
Talk #9039 presented 11/16-11/20 virtually	Caleb Zachary Chong† (Engineering) Aanya Mangla† (Engineering)	Jiansong Zhang (Polytechnic)
Talk #9041 presented 11/16-11/20 virtually	Kharine Aiden-Afi Yaye† (Engineering)	Ken Yoshida (Engineering)