PURDUE UNIVERSITY | Office of Undergraduate Research

Summer 2025 Undergraduate Research Symposium: Project Program: SURF

This list is inclusive of all presentations where the program was identified in the conference application. Students' and Mentors' names are based on information submitted in conference applications, except for the following:

- Purdue students' divisions are based on institutional academic data. (Visiting students do not have a division.)
- Purdue mentors' divisions are based on their primary appointment at Purdue.
- Name spellings appear as submitted in 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 #1010 presented 7/30 @ 10:30-11:30am	Anna Ospina Bedoya†	Baijian Yang (Polytechnic) Tonglin Zhang (Science) Hong Zhao (Polytechnic)
Poster #1022 presented 7/30 @ 10:30-11:30am	Muhammad Zohaib Ali† (Engineering) Mirza Orunav Shahper‡ (Engineering) Qinjia Xu* (Engineering)	Muhammad Mustafa Hussain (Engineering) Yusuf Kolawole Adebakin (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1023 presented 7/30 @ 10:30-11:30am	Juan Sebastian Ardila Lopez†	Jose R Rivas (Engineering) Andres Arrieta Diaz (Engineering) Varun Aggarwal (Engineering)
Poster #1024 presented 7/30 @ 10:30-11:30am	Paula Daniela Avila Martinez†	Agnes Doszpoly (Engineering) Tamara L Kinzer-Ursem (Engineering) Emily R Jakob (HHS)
Poster #1025 presented 7/30 @ 10:30-11:30am	Phuong Ba† Thuy Nguyen† Linh Luu† Thuy Truong† Hoang Ly†	Ernest Francis Talarico (Purdue Northwest) Thach Nguyen (Tan Tao University School of Medicine)
Poster #1026 presented 7/30 @ 10:30-11:30am	Phuong Ba† Vinh Lam† Khanh Le† Barun Agarwalla† Quan Nguyen†	Ernest Francis Talarico (Purdue Northwest) Thach Nguyen (Tan Tao University School of Medicine)
Poster #1027 presented 7/30 @ 10:30-11:30am	Sogo Bakare† (Engineering) Virginia Lucille Hawkins* (Engineering) Steven Li* (Engineering|JMHC) William McMahon* (Engineering)	Yash Ajay Garje (Engineering) Morgan M Hynes (Engineering) Bruce Wellman (Engineering) Labiba Rahman (Engineering) Varun Aggarwal (Engineering)
Poster #1028 presented 7/30 @ 10:30-11:30am	Dewayne Eric Ballance† (Science)	Cristiane Grossi Ferrarezzi (Engineering) Andrew Whelton (Engineering) Lipi Roy (Engineering)
Poster #1029 presented 7/30 @ 10:30-11:30am	Nicholas Herschel Burris† (Engineering)	Ken Yoshida (Purdue University) Nathaniel Liam Lazorchak (Engineering)
Poster #1030 presented 7/30 @ 10:30-11:30am	Daniel Jose Carrascal Bonilla†	Aaron Jacob Hartzell (Engineering) Davide Ziviani (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1031 presented 7/30 @ 10:30-11:30am	Wyatt Tristan Carter† (Agriculture)	Anna Pavlishchuk (Science) Jean A Chmielewski (Science) Pranshul Sardana (Engineering)
Poster #1032 presented 7/30 @ 10:30-11:30am	Mihajlo-Joshua Foali Deganus† (Engineering)	Allison M Komrska (Engineering) Radhika Arvind Bhopatkar (Engineering) Allen L Garner (Engineering)
Poster #1033 presented 7/30 @ 10:30-11:30am	Anna Catherine Dressman† (Science)	Sunghee Park (Engineering) Jiafei Zhu (Engineering) Radhika Arvind Bhopatkar (Engineering) Kylee Gall (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1034 presented 7/30 @ 10:30-11:30am	Carmen Raquel Erickson† (Science|JMHC)	Wenlan Miao (Science) Adam Wasserman (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1035 presented 7/30 @ 10:30-11:30am	Gabriela Garcia Cardenas† Amelia Paige Ringor*	Dylan Kenji Wainwright (Science) Hana Noell Larkins (Science) Matthew Kaboolian (Engineering) Kendra A Erk (Engineering) Pranshul Sardana (Engineering)
Poster #1036 presented 7/30 @ 10:30-11:30am	Roberto Angel Garza†	Richard J Kuhn (Science) Abhishek Bandyopadhyay (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1037 presented 7/30 @ 10:30-11:30am	Javier Guio Gomez† (Engineering)	Satyaroop Patnaik (Engineering) Parth Uday Kelkar (Engineering)
Poster #1038 presented 7/30 @ 10:30-11:30am	Lilyana Gundayao†	Inez Hua (Engineering) Varun Aggarwal (Engineering) Amisha Shah (Engineering) Caitlin Rose Proctor (Engineering)
Poster #1039 presented 7/30 @ 10:30-11:30am	Juliana Gutierrez†	Amisha Shah (Engineering) Andres Catalino Castillo Jimenez (Engineering) Goeun Jang (Engineering)
Poster #1040 presented 7/30 @ 10:30-11:30am	Virginia Lucille Hawkins† (Engineering) Sogo Bakare* (Engineering) William McMahon* (Engineering) Steven Li* (Engineering|JMHC)	Yash Ajay Garje (Engineering) Bruce Wellman (Engineering) Labiba Rahman (Engineering) Morgan M Hynes (Engineering) Ioanna Katsamba (Engineering)
Poster #1041 presented 7/30 @ 10:30-11:30am	Julio Herreros Garcia† (Engineering) Ruben Canora Alvarez* (Engineering)	Hadiseh Alaeian (Engineering)
Poster #1042 presented 7/30 @ 10:30-11:30am	Silas U Hokanson† (Engineering)	Daniel S Elliott (Engineering) Jonah Alexander Quirk (Engineering) Diego Esteban Garcia (Science) Pranshul Sardana (Engineering)
Poster #1043 presented 7/30 @ 10:30-11:30am	Tyler James Hughes† (Engineering)	Sudharshan Anandan (Engineering) Ioanna Katsamba (Engineering)
Poster #1044 presented 7/30 @ 10:30-11:30am	Iliyas Iznat†	Julia Laskin (Science) Bethany Ana Phillips (Science)
Poster #1045 presented 7/30 @ 10:30-11:30am	Partth Suraj Kulkarni† (Science|JMHC) Mukul Agarwal* (Science) Kian Darius Kasad* (Science) Anish Mangla* (Science) Aaryan Deepak Wadhwani* (Science) Lillith Erickson* (Science)	Gustavo Rodriguez-Rivera (Science) Lipi Roy (Engineering)
Poster #1046 presented 7/30 @ 10:30-11:30am	Alex Ertang Kuo† (Engineering)	Dheeraj Govindrao Waghmare (Engineering) Akanshu Sharma (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1047 presented 7/30 @ 10:30-11:30am	Henry J Lee† (Science|JMHC|Graduate)	Madeleine Shuhn Tsua Yuh (Engineering) Neera Jain (Engineering) Varun Aggarwal (Engineering)
Poster #1048 presented 7/30 @ 10:30-11:30am	Oliver Yichi Li† (Engineering|JMHC)	Caitlin Rose Proctor (Engineering) Jorge Martinez Del'Angel (Agriculture) Inez Hua (Engineering) Amisha Shah (Engineering) Parth Uday Kelkar (Engineering)
Poster #1049 presented 7/30 @ 10:30-11:30am	Brenda Sofia Lizarazo Olivera†	Laura J Pyrak-Nolte (Science) Alexandra Blair Clark (Science) Ioanna Katsamba (Engineering)
Poster #1050 presented 7/30 @ 10:30-11:30am	Minh An Nguyen Luu†	Brandon Boor (Engineering) Satya Sundar Patra (Engineering) Pranshul Sardana (Engineering)
Poster #1051 presented 7/30 @ 10:30-11:30am	Nicole Martinez†	Richard J Kuhn (Science) Ryan George Peters (Science) Varun Aggarwal (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1052 presented 7/30 @ 10:30-11:30am	William McMahon† (Engineering) Virginia Lucille Hawkins* (Engineering) Steven Li* (Engineering|JMHC) Sogo Bakare* (Engineering)	Yash Ajay Garje (Engineering) Morgan M Hynes (Engineering) Labiba Rahman (Engineering) Bruce Wellman (Engineering) Ioanna Katsamba (Engineering)
Poster #1053 presented 7/30 @ 10:30-11:30am	Grace Guan Man Meyer† (Hillsdale College) Emiko A Sano*	Melba M Crawford (Engineering) Weihang Li (Engineering) Fatemeh Azimi (Engineering) Varun Aggarwal (Engineering)
Poster #1054 presented 7/30 @ 10:30-11:30am	Ngoc Gia Khang Nguyen† (Engineering)	Gaurav Somnath Chobe (Engineering) Ioanna Katsamba (Engineering)
Poster #1055 presented 7/30 @ 10:30-11:30am	Khang Nguyen†	Chunyi Peng (Science) Ioanna Katsamba (Engineering)
Poster #1056 presented 7/30 @ 10:30-11:30am	Brijesh B Patel† (Science) Alexander G Kelley‡ (Science)	Kaitlyn T. Hood (Science) Varun Aggarwal (Engineering)
Poster #1057 presented 7/30 @ 10:30-11:30am	Soham Pawaskar† (Engineering|Liberal Arts) Matthew S Leight‡ (Engineering|JMHC)	Joseph S Jewell (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1058 presented 7/30 @ 10:30-11:30am	Kiersten Mackenzie Penquite† (Engineering|JMHC)	Junkai Xie (Engineering) Varun Aggarwal (Engineering) chongli Yuan (Engineering)
Poster #1059 presented 7/30 @ 10:30-11:30am	Mariana Peres Duarte† (Engineering)	Gunes Kosterit (Engineering) Andres Arrieta Diaz (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1060 presented 7/30 @ 10:30-11:30am	Daniela Alejandra Puentes Herrera†	Qixin He (Science) Pradyut Kumar (Science)
Poster #1061 presented 7/30 @ 10:30-11:30am	Daniela Ramirez Castellanos†	Julie C Liu (Engineering) Marisa Ann Egan (Engineering) Emily R Jakob (HHS)
Poster #1062 presented 7/30 @ 10:30-11:30am	Amrita Rani Raparti† (Science)	Deva Chan (Engineering) Ryan Michael Meister (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1063 presented 7/30 @ 10:30-11:30am	Rafael Riesco Risco† (Engineering)	Sushrut Karmarkar (Science) Andreas Jung (Science) Pau Simpson Crusafon (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1064 presented 7/30 @ 10:30-11:30am	Mateus Rocha Ripari† (Agriculture) Paula Natalia Natalia Paez Monroy‡ Elise Bennett*	Abigail Keelin Rogers (Interdisciplinary & Special Programs) Anjali Iyer-Pascuzzi (Agriculture) Emily R Jakob (HHS)
Poster #1065 presented 7/30 @ 10:30-11:30am	Liam N Rochet† (Engineering)	Hyeondong Yang (Engineering) Brett A Meyers (Centers & Institutes) Emily R Jakob (HHS)
Poster #1066 presented 7/30 @ 10:30-11:30am	Jeronimo Rodriguez†	Han Sae Kim (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1067 presented 7/30 @ 10:30-11:30am	Lina Paola Rodriguez†	Kendra A Erk (Engineering) Halle Jo Block (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1068 presented 7/30 @ 10:30-11:30am	Kaley Roe† (Engineering)	Thomas H Siegmund (Engineering) Glynn Ellen Gallaway (Engineering) Ioanna Katsamba (Engineering)
Poster #1069 presented 7/30 @ 10:30-11:30am	Gisell Natalia Romero Delgado†	Bruno Tesini Roseguini (HHS) Igor Alexandre Fernandes (HHS) Emily R Jakob (HHS) Eloisa Herrera Ospina (HHS)
Poster #1070 presented 7/30 @ 10:30-11:30am	Diego Roux Hernandez†	Zahra Ghodsi (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1071 presented 7/30 @ 10:30-11:30am	Pranav Sanghi† (Science|Graduate)	Wei-Kai Chang (Science) Rajiv Ashu Khanna (Science) Pranshul Sardana (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1072 presented 7/30 @ 10:30-11:30am	Darshini Shankar† (Science|JMHC) Jaewoo Lee‡ (Science)	Daniel Suter (Science) Jorge Emanuel Hernandez Dominguez (Interdisciplinary & Special Programs) Pranshul Sardana (Engineering)
Poster #1073 presented 7/30 @ 10:30-11:30am	Samhita Mysore Shantharam† (Agriculture|Engineering|JMHC)	Alicia Nicole Scott (Pharmacy) Jean-christophe Rochet (Pharmacy) Lipi Roy (Engineering)
Poster #1074 presented 7/30 @ 10:30-11:30am	Sydney Cecelia Sobczak† (Engineering|JMHC)	Kevin J Webb (Engineering) Abdelrahman Salem (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1075 presented 7/30 @ 10:30-11:30am	Minh Binh Tran† (Science)	Jenna L Wise DiVincenzo (Engineering) Wen Fan (Engineering) Marilyn Rego (Engineering) Sanya Dod (Engineering) Zhaorui Ni (Engineering) Danning Xie (Science) Lin Tan (Science) Varun Aggarwal (Engineering)
Poster #1076 presented 7/30 @ 10:30-11:30am	Ryan J Turnbull† Varunavi Kaveri Raghuraman* (Engineering)	Monique Suzanne McClain (Engineering) Ismar Leonel Chew (Engineering)
Poster #1077 presented 7/30 @ 10:30-11:30am	Maria Angelica Vaquez Hernandez†	Siena Dawit Negash (Engineering) Kelly Schultz (Engineering) Pranshul Sardana (Engineering)
Poster #1078 presented 7/30 @ 10:30-11:30am	Kaitlyn Marie Wayne† (Engineering)	Cristiane Grossi Ferrarezzi (Engineering) Andrew Whelton (Engineering) Lipi Roy (Engineering)
Poster #1079 presented 7/30 @ 10:30-11:30am	Jack Thomas Willard† (Engineering|JMHC)	Alex David Santiago Vargas (Engineering) Ahmed Abdelraheem (Engineering) Dimitrios Peroulis (Purdue University) Ioanna Katsamba (Engineering)
Poster #1080 presented 7/30 @ 10:30-11:30am	Alice Y Zhou† (Science)	Kuangyi Wu (Vet Med) Ziyu Dong (Vet Med) GuangJun Zhang (Vet Med)
Poster #1081 presented 7/30 @ 10:30-11:30am	Daniel Anoruo† Alan S Yi† (Science)	Yirang Park (Engineering) David Esteban Bernal Neira (Engineering) Jorge Enrique Neira Garcia (Polytechnic)
Poster #1082 presented 7/30 @ 10:30-11:30am	Benedict G Grill†	Christina W Li (Science) Irfan Ahmad (Science)
Poster #1083 presented 7/30 @ 10:30-11:30am	Jeremy W Libby†	David Hibbitts (Engineering) Angela Aguirre (Engineering) Jorge Enrique Neira Garcia (Polytechnic)
Poster #1084 presented 7/30 @ 10:30-11:30am	Sky Okpaku† Isabel C Standley* (Engineering|JMHC)	Ted Taewook Kim (Engineering)
Poster #1085 presented 7/30 @ 10:30-11:30am	Charity E Smith† Ally Guo‡	Brian Michael Tackett (Engineering) Po-Chun Huang (Engineering) Jorge Enrique Neira Garcia (Polytechnic)
Poster #1086 presented 7/30 @ 10:30-11:30am	Isabel C Standley† (Engineering|JMHC) Sky Okpaku*	Ted Taewook Kim (Engineering)
Poster #1087 presented 7/30 @ 10:30-11:30am	Joseph F Norwood† Martin Vassilev‡	David J Cappelleri (Engineering) Aarya Deb (Engineering) Ki Tae Kim (Engineering) Varun Aggarwal (Engineering)
Poster #1088 presented 7/30 @ 10:30-11:30am	Martin Vassilev† Joseph F Norwood‡	David J Cappelleri (Engineering) Aarya Deb (Engineering) Ki Tae Kim (Engineering) Varun Aggarwal (Engineering)
Poster #1089 presented 7/30 @ 10:30-11:30am	Daming Yang† Jeet Brahmbhatt* (Engineering)	David J Cappelleri (Engineering) Aarya Deb (Engineering) Ki Tae Kim (Engineering) Varun Aggarwal (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1090 presented 7/30 @ 10:30-11:30am	Marlen Jones†	Hannah Pike (Engineering) Peter Bermel (Engineering) Stylianos Chatzidakis (Engineering) David Matthew Czerwonky (Engineering)
Poster #1091 presented 7/30 @ 10:30-11:30am	Andrew LeClair†	Samera Hossain (Engineering) Allen L Garner (Engineering) David Matthew Czerwonky (Engineering)
Poster #1092 presented 7/30 @ 10:30-11:30am	Ammar M Mukadam† (Engineering)	Yingru Song (Engineering) Amy M Marconnet (Engineering) Ritwik Vijaykumar Kulkarni (Engineering) David Matthew Czerwonky (Engineering)
Poster #1093 presented 7/30 @ 10:30-11:30am	Ethan Xinghan Tan† (Engineering|JMHC)	Shubhra Bansal (Engineering) Faharia Hasan Bhuiyan (Engineering) David Matthew Czerwonky (Engineering)
Poster #1225 presented 7/30 @ 12:00-1:00pm	Kashyap Akkinapally† (Engineering)	Ziyu Dong (Vet Med) Sung Jun Park (Vet Med) GuangJun Zhang (Vet Med)
Poster #1226 presented 7/30 @ 12:00-1:00pm	Stephen A Anderson† (Science)	Kelsey Prissel (Science)
Poster #1227 presented 7/30 @ 12:00-1:00pm	Juliana M Bedoya Villegas†	Beinan Yang (Agriculture) Radhika Arvind Bhopatkar (Engineering)
Poster #1228 presented 7/30 @ 12:00-1:00pm	Priyank Behera† (Science)	Charles Robert Kenley (Engineering) Pranshul Sardana (Engineering)
Poster #1229 presented 7/30 @ 12:00-1:00pm	Grant Andrew Belush† (Engineering|JMHC)	Rachel Kathleen Surowiec (Engineering) Wikum Roshan Ban Ranasinghe Mudiyanselage (Engineering) Lipi Roy (Engineering) Cooper Niles Rusch (Interdisciplinary & Special Programs)
Poster #1230 presented 7/30 @ 12:00-1:00pm	Ameya Vikram Bhargava† (HHS)	Arezoo Ardekani (Engineering) Emily R Jakob (HHS) Kaeul Lim (Engineering) David Perez Herrera (Science)
Poster #1231 presented 7/30 @ 12:00-1:00pm	Kaitlyn Elizabeth Bird† (Engineering) Aaron Su‡ (Engineering)	Joseph S Jewell (Engineering) Abigayle Elaine Moser (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1232 presented 7/30 @ 12:00-1:00pm	William David Boulton† (Science) Damian Munoz‡	Santiago Torres Arias (Engineering) Eman Abdul-Muhd Abu Ishgair (Engineering) Abhishek Reddypalle (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1233 presented 7/30 @ 12:00-1:00pm	Ethan Patrick Connolly† (Engineering|JMHC) Heather Murillo*	Guanchun Wang (Engineering) Amisha Shah (Engineering) Parth Uday Kelkar (Engineering)
Poster #1234 presented 7/30 @ 12:00-1:00pm	Charles R Curione† (Engineering)	Gaurav Somnath Chobe (Engineering) Ioanna Katsamba (Engineering)
Poster #1235 presented 7/30 @ 12:00-1:00pm	Aryan Dayal† (Engineering) Nicholas Joseph Ostendorf‡ (Engineering)	Carlos J Martinez (Engineering) Varun Aggarwal (Engineering)
Poster #1236 presented 7/30 @ 12:00-1:00pm	Peter Edvardsson† (Science) Shamita Yedlapalli† (Science) Kayla Y. Xu† (Other) Shih-Yao Sun† (Engineering) Ji Bing Ni‡ (Science) Ropan Datta‡ (Science)	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering) Varun Aggarwal (Engineering)
Poster #1237 presented 7/30 @ 12:00-1:00pm	Angelica Sofia Gonzalez-Ng† (Engineering) Maria Macias* (Engineering) Eliza Louise Thurs* (Engineering)	Luis Solorio (Engineering) Madison Mckensi Howard (Engineering) Jiaqi Li (Engineering) Juan Camilo Mesa Agudelo (Engineering)
Poster #1238 presented 7/30 @ 12:00-1:00pm	Jose Gutierrez†	Niranjan Hirisave Shivaram (Science) Shashank Kumar (Science) Russell Lee Zimmerman (Science) Pranshul Sardana (Engineering)

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

Presentation	Students	Mentors and Other Acknowledgments
Poster #1239 presented 7/30 @ 12:00-1:00pm	Isaiah T Harris†	Eunseob Kim (Engineering) Ioanna Katsamba (Engineering)
Poster #1240 presented 7/30 @ 12:00-1:00pm	Ana Maria Hernandez Lasso†	Miguel Alfonso Feijoo Garcia (Polytechnic) Alejandra Magana DeLeon (Polytechnic) Andres Catalino Castillo Jimenez (Engineering)
Poster #1241 presented 7/30 @ 12:00-1:00pm	Sebastian Hurtado†	Guang Lin (Science) Christian Bolivar Moya Calderon (Science)
Poster #1242 presented 7/30 @ 12:00-1:00pm	Tom Long Huynh† (Engineering|Liberal Arts)	Matthew Peter Ward (Engineering) Damen Alec Wilson (HHS) Radhika Arvind Bhopatkar (Engineering)
Poster #1243 presented 7/30 @ 12:00-1:00pm	Amelia C Jaffe†	Joshua Michael Cox (Engineering) Vivian Lizeth Toca Diaz (Engineering) Riley Bradley Barta (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1244 presented 7/30 @ 12:00-1:00pm	Siddhant Jain† Mason Patrick Julius Levere† (Science) Myron Milad Tadros† (Engineering) James Thomas Pittard* (Science) Sydney Metz* (Science|JMHC)	Andy Jung (Science) Mark Ward (Science) Ace Rounds (Science) Pranshul Sardana (Engineering) Radhika Arvind Bhopatkar (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1245 presented 7/30 @ 12:00-1:00pm	Zhengyi Jiang† (Science)	Jason Wade Morphew (Engineering) Junior Anthony Bennett (Interdisciplinary & Special Programs) Pranshul Sardana (Engineering)
Poster #1246 presented 7/30 @ 12:00-1:00pm	Nikhil Kasumarthi† (Engineering)	Rachel Kathleen Surowiec (Engineering) Wikum Roshan Ban Ranasinghe Mudiyanselage (Engineering) Lipi Roy (Engineering)
Poster #1247 presented 7/30 @ 12:00-1:00pm	Brian Arild Kelly† (Engineering)	Thomas H Siegmund (Engineering) Glynn Ellen Gallaway (Engineering) Parth Uday Kelkar (Engineering)
Poster #1248 presented 7/30 @ 12:00-1:00pm	David Kichul Kim† (Engineering) Hannah Yeonsoo Park‡ (Engineering|JMHC)	euiwon Bae (Engineering) Parth Uday Kelkar (Engineering) Brianna N Corman (Vet Med) Joseph Paul Robinson (Vet Med)
Poster #1249 presented 7/30 @ 12:00-1:00pm	Mason Patrick Julius Levere† (Science) Myron Milad Tadros† (Engineering) Siddhant Jain† James Thomas Pittard* (Science) Sydney Metz* (Science|JMHC)	Andy Jung (Science) Mark Ward (Science) Ace Rounds (Science) Pranshul Sardana (Engineering) Radhika Arvind Bhopatkar (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1250 presented 7/30 @ 12:00-1:00pm	Steven Li† (Engineering|JMHC) William McMahon* (Engineering) Virginia Lucille Hawkins* (Engineering) Sogo Bakare* (Engineering) Andrew Robert Ryan* (Engineering|JMHC)	Yash Ajay Garje (Engineering) Bruce Wellman (Engineering) Labiba Rahman (Engineering) Morgan M Hynes (Engineering) Ediz Guzey (Purdue University) Kent Nickolas Fruchtman (Engineering) Varun Aggarwal (Engineering)
Poster #1251 presented 7/30 @ 12:00-1:00pm	Madison E Lisenko†	Annabelle Leigh Bedford (Engineering) Anupma Thakur (Engineering) Babak Anasori (Engineering) Lipi Roy (Engineering)
Poster #1252 presented 7/30 @ 12:00-1:00pm	Aditya Mallepalli† (Science)	Linlin Li (Engineering) FNU Nilay Kumar (Engineering) Emily R Jakob (HHS)
Poster #1253 presented 7/30 @ 12:00-1:00pm	Adina Ioana Margineantu† (Science) Jamie Chanadol Henson‡ (Engineering)	Ran Dai (Engineering) Yuto Tanaka (Engineering)
Poster #1254 presented 7/30 @ 12:00-1:00pm	Valentina Marin†	Anastasia Tsaveas (Engineering) R Byron Pipes (Engineering) Varun Aggarwal (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1255 presented 7/30 @ 12:00-1:00pm	Julia Rose Millikin† (Science)	John Tesmer (Science) Priyanka S Naik (Science) Indranil Arun Mukherjee (Science) Radhika Arvind Bhopatkar (Engineering)
Poster #1256 presented 7/30 @ 12:00-1:00pm	Mahira Mim† Bryn R Goldstein*	Akshat Verma (Engineering) Jeffrey P Youngblood (Engineering) Emily R Jakob (HHS)
Poster #1257 presented 7/30 @ 12:00-1:00pm	Priya Mishra† (Science) Kyung Jun Lee‡ (Engineering) Manaswini Singh‡ (Science)	Tiancong Zhu (Science) Christopher Antonio Ulate (Science) Parth Uday Kelkar (Engineering)
Poster #1258 presented 7/30 @ 12:00-1:00pm	Rebekah E Mou† (Engineering)	Alejandro Dale Kimball (Centers & Institutes) Ilya Slizovskiy (Vet Med) Radhika Arvind Bhopatkar (Engineering)
Poster #1259 presented 7/30 @ 12:00-1:00pm	Heather Murillo† Ethan Patrick Connolly* (Engineering|JMHC)	Amisha Shah (Engineering) Guanchun Wang (Engineering) Pranshul Sardana (Engineering)
Poster #1260 presented 7/30 @ 12:00-1:00pm	Srikushal Muthamsetty† (Engineering)	June Hyung Kim (Engineering) Tae Yoon Kim (Engineering) Emily R Jakob (HHS)
Poster #1261 presented 7/30 @ 12:00-1:00pm	Paul Kyu-Hwan Park† (Polytechnic)	Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering) Emily R Jakob (HHS)
Poster #1262 presented 7/30 @ 12:00-1:00pm	Sanjana Prashanth† (Engineering)	Sushma Gude (Engineering) Rachel Alena Morrison (Engineering) Juan F Hernandez Franco (Vet Med) Harm Hogenesch (Vet Med) Elsje Pienaar (Engineering) Sherry L Harbin (Engineering)
Poster #1263 presented 7/30 @ 12:00-1:00pm	Varunavi Kaveri Raghuraman† (Engineering) Ryan J Turnbull*	Monique Suzanne McClain (Engineering) Ismar Leonel Chew (Engineering)
Poster #1264 presented 7/30 @ 12:00-1:00pm	Aakarsh Nagendra Rai† (Science|Graduate)	David Iseri Inouye (Engineering)
Poster #1265 presented 7/30 @ 12:00-1:00pm	Juan Esteban Rios Gonzalez†	Daniel G Aliaga (Science) Emily R Jakob (HHS)
Poster #1266 presented 7/30 @ 12:00-1:00pm	David Rubin† (Engineering|JMHC)	Kenneth Barton Reindersma (Engineering) Nicholas Vytautas Babusis (Engineering) Alexey Shashurin (Engineering) Pranshul Sardana (Engineering)
Poster #1267 presented 7/30 @ 12:00-1:00pm	Hiya Samanta† (Science|JMHC) Henry J Lee* (Science|JMHC|Graduate) Siya Chirag Jariwala* (Science|JMHC)	Anastasia Kouvaras Ostrowski (Polytechnic) Caue Sciascia Borlina (Science) Ali Bramson (Science) Radhika Arvind Bhopatkar (Engineering)
Poster #1268 presented 7/30 @ 12:00-1:00pm	Mary Jane Sayler† (Engineering)	Jesus Adrian Meza Galvan (Engineering) Anthony G Cofer (Engineering) Pranshul Sardana (Engineering)
Poster #1269 presented 7/30 @ 12:00-1:00pm	Hayden Schneider† (Science|JMHC)	David Thompson (Science) Marissa Elaine Henager (Science) Varun Aggarwal (Engineering)
Poster #1270 presented 7/30 @ 12:00-1:00pm	Elliott Shi† (Science)	Brett A Meyers (Centers & Institutes) Emily R Jakob (HHS)
Poster #1271 presented 7/30 @ 12:00-1:00pm	Kenneth David Siefken† (Engineering)	FNU Nilay Kumar (Engineering) Elsje Pienaar (Engineering) Emily R Jakob (HHS)
Poster #1272 presented 7/30 @ 12:00-1:00pm	Wrigley Alan Starkweather† (Engineering)	Dimitrios Peroulis (Purdue University) Alex David Santiago Vargas (Engineering)
Poster #1273 presented 7/30 @ 12:00-1:00pm	Aaron Su† (Engineering) Kaitlyn Elizabeth Bird‡ (Engineering)	Joseph S Jewell (Engineering) Parth Uday Kelkar (Engineering) Abigayle Elaine Moser (Engineering)
Poster #1274 presented 7/30 @ 12:00-1:00pm	Sarthak Tandon† (Engineering)	Jingbo Wang (Engineering) Ioanna Katsamba (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1275 presented 7/30 @ 12:00-1:00pm	Peyton E Tanoury† (HHS)	Marissa Elaine Henager (Science) David Thompson (Science)
Poster #1276 presented 7/30 @ 12:00-1:00pm	Madeline G Taylor† (Science)	Danny Milisavljevic (Science) Danielle Dickinson (Science) Noah William Zimmer (Science)
Poster #1277 presented 7/30 @ 12:00-1:00pm	Olivia B Williams† (Science)	Bryon Shane Drown (Science) Teagan Louise Campbell (Science) Radhika Arvind Bhopatkar (Engineering)
Poster #1278 presented 7/30 @ 12:00-1:00pm	Sota Yanagisawa† (Engineering|DSB) Abdullah Mouaffaq S Albaghdadi‡ (Engineering)	Abhijnan Dikshit (Engineering) Pavankumar Channabasa Koratikere (Engineering) Spencer Dean Jones (Engineering) Leifur Thor Leifsson (Engineering) Varun Aggarwal (Engineering) Thomas Robert Bietsch (Engineering)
Poster #1279 presented 7/30 @ 12:00-1:00pm	Keith S Yung† (Engineering)	Grigorii Aleksandrovich Rudakov (Engineering) Emily R Jakob (HHS)
Poster #1280 presented 7/30 @ 12:00-1:00pm	Kaden Bowers† Michael K Lau† (Engineering)	Thomas Ray Grier (HHS) Aaron James Specht (HHS) Radhika Arvind Bhopatkar (Engineering) David Matthew Czerwonky (Engineering)
Poster #1281 presented 7/30 @ 12:00-1:00pm	Ziara Cato†	Cameron James Buerke (Engineering) Allison M Komrska (Engineering) Lorin Irene Breen (HHS) Allen L Garner (Engineering) David Matthew Czerwonky (Engineering)
Poster #1282 presented 7/30 @ 12:00-1:00pm	Evelyn Colon†	Haitong Li (Engineering) Luqi Zheng (Engineering) Shuting Du (Engineering) David Matthew Czerwonky (Engineering)
Poster #1283 presented 7/30 @ 12:00-1:00pm	Ritveek Govardhanam†	Jonah Li Xuan Lau (Engineering) David Matthew Czerwonky (Engineering)
Poster #1284 presented 7/30 @ 12:00-1:00pm	Michael K Lau† (Engineering) Kaden Bowers†	Thomas Ray Grier (HHS) Aaron James Specht (HHS) Radhika Arvind Bhopatkar (Engineering) David Matthew Czerwonky (Engineering)
Poster #1285 presented 7/30 @ 12:00-1:00pm	Rachel Christine Quisil Ordiales† (Engineering) Diego Jimenez Rivera† Ian Strachan† (Engineering)	Michael Titus (Engineering) Ching-Chien Chen (Engineering) Lijia Xie (Engineering) John E Blendell (Engineering) David Bahr (Engineering) Ganesh Subbarayan (Engineering) Carol A Handwerker (Engineering) David Matthew Czerwonky (Engineering)
Poster #1286 presented 7/30 @ 12:00-1:00pm	Evan E Tuckley†	Jinwoo Kim (Engineering) Venkata Kalyan Vadlamudi (Engineering) David Matthew Czerwonky (Engineering)
Poster #1287 presented 7/30 @ 12:00-1:00pm	Jianing Xue†	Allison Nobuko Scher (Engineering) Claire Amelia Mihalko (Engineering) Haiyan Wang (Engineering) Jialong Huang (Engineering) David Matthew Czerwonky (Engineering)
Poster #1411 presented 7/30 @ 1:30-2:30pm	Anna Ospina Bedoya†	Gang Shao (Libraries) Baijian Yang (Polytechnic)
Poster #1416 presented 7/30 @ 1:30-2:30pm	Ben N Aaron† Mike Xiao‡ (Engineering)	Ivan C Christov (Engineering) Ziyu Wang (Engineering) Ioanna Katsamba (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1417 presented 7/30 @ 1:30-2:30pm	Abdullah Mouaffaq S Albaghdadi† (Engineering) Sota Yanagisawa‡ (Engineering|DSB)	Abhijnan Dikshit (Engineering) Pavankumar Channabasa Koratikere (Engineering) Spencer Dean Jones (Engineering) Leifur Thor Leifsson (Engineering) Radhika Arvind Bhopatkar (Engineering) Thomas Robert Bietsch (Engineering)
Poster #1418 presented 7/30 @ 1:30-2:30pm	Isabel Sofia Bejarano Molina†	Alexandria Volkening (Science) Nour Khoudari (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1419 presented 7/30 @ 1:30-2:30pm	Katy Brauer† (Agriculture|Engineering)	Kurt Ristroph (Engineering)
Poster #1420 presented 7/30 @ 1:30-2:30pm	William Christophe Bultman† (Science) Aditya Srinivasan* (Science) Vincent Cody Stavig* (Science)	Yihang Zeng (Science) Euihyun Jo (Science) Shuaiqing Zhang (Engineering) Nemanja Ninkovic (Science)
Poster #1421 presented 7/30 @ 1:30-2:30pm	Amelia G Campbell† (HHS|JMHC)	Alicia Nicole Scott (Pharmacy) Jean-christophe Rochet (Pharmacy) Emily R Jakob (HHS)
Poster #1422 presented 7/30 @ 1:30-2:30pm	Zhiyuan Chen† (Agriculture|Engineering)	Matthew Thomas Tegtmeyer (Science) Autumn Liberty Bandy (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1423 presented 7/30 @ 1:30-2:30pm	Wanming Dai† (Engineering) Kiersten Mackenzie Penquite* (Engineering|JMHC)	Junkai Xie (Engineering)
Poster #1424 presented 7/30 @ 1:30-2:30pm	Amelia G Eicher-Miller† (Engineering)	Ashwin Ramachandran (Engineering) David Matthew Czerwonky (Engineering)
Poster #1425 presented 7/30 @ 1:30-2:30pm	Deniz Eksioglu† (Engineering|JMHC)	Saeed Boroomand (Engineering) Kevin John Otto (Engineering) Parth Uday Kelkar (Engineering)
Poster #1426 presented 7/30 @ 1:30-2:30pm	Emilio Yair Fonseca Puebla† (Engineering)	Aaron B Morris (Engineering)
Poster #1427 presented 7/30 @ 1:30-2:30pm	Hermes Heng-yu Fu† (Science|Graduate)	Denny Yu (Engineering) Jingkun Wang (Engineering) Nicholas Eric Anton (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1428 presented 7/30 @ 1:30-2:30pm	Austin H Gibson†	Eunseob Kim (Engineering) Parth Uday Kelkar (Engineering)
Poster #1429 presented 7/30 @ 1:30-2:30pm	Bryn R Goldstein† Mahira Mim*	Akshat Verma (Engineering) David Matthew Czerwonky (Engineering)
Poster #1430 presented 7/30 @ 1:30-2:30pm	Yichen Hu† (Science)	Karthik Ramani (Engineering) Yuzhao Chen (Engineering) Runlin Duan (Engineering) Mayank Harendra Patel (Engineering) Ioanna Katsamba (Engineering)
Poster #1431 presented 7/30 @ 1:30-2:30pm	Qingyi Hu†	Junkai Xie (Engineering) Ioanna Katsamba (Engineering)
Poster #1432 presented 7/30 @ 1:30-2:30pm	Sijie Huang†	Yu She (Engineering) Sheeraz Athar (Engineering) Varun Aggarwal (Engineering)
Poster #1433 presented 7/30 @ 1:30-2:30pm	Xavier L Ish† (Engineering)	Amy M Marconnet (Engineering) Ritwik Vijaykumar Kulkarni (Engineering) Pranshul Sardana (Engineering)
Poster #1434 presented 7/30 @ 1:30-2:30pm	Sidh Jain† (Engineering)	Rachel Kathleen Surowiec (Engineering) Wikum Roshan Ban Ranasinghe Mudiyanselage (Engineering) Christopher L Newman (Engineering) Noah A Jasinkiewicz (Vet Med)
Poster #1435 presented 7/30 @ 1:30-2:30pm	Haoyu Ji† (Science)	Karthik Ramani (Engineering) Ziyi Liu (Engineering) Yuzhao Chen (Engineering) Runlin Duan (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1436 presented 7/30 @ 1:30-2:30pm	Lucas O Johnson† (Science|JMHC)	Paisley Lilliana Jeannette (Science) Elizabeth I Parkinson (Science) Ioanna Katsamba (Engineering)
Poster #1437 presented 7/30 @ 1:30-2:30pm	Sreesha Vedavalli Kidambi† (Agriculture|Engineering)	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Emily R Jakob (HHS)
Poster #1438 presented 7/30 @ 1:30-2:30pm	Sein Kim† (Science)	Sanghamitra Nareddula (Science) Lipi Roy (Engineering) Violeta Saldarriaga Ramirez (Science)
Poster #1439 presented 7/30 @ 1:30-2:30pm	Ian Kwan Yin Lam† (Science) Rachel M Rivera‡	Linlin Li (Engineering) Nissa Jo Larson (Engineering) Emily R Jakob (HHS)
Poster #1440 presented 7/30 @ 1:30-2:30pm	yahor lechanka† (Engineering)	James Michael Goppert (Engineering) Parth Uday Kelkar (Engineering)
Poster #1441 presented 7/30 @ 1:30-2:30pm	Kristine Yoonseo Lee† (Engineering)	Hojun Lee (Engineering) Parth Uday Kelkar (Engineering)
Poster #1442 presented 7/30 @ 1:30-2:30pm	Han Li† (Science)	Amy R Reibman (Engineering) Isabela Garcia Mendes de Araujo Santos (Agriculture) Ioanna Katsamba (Engineering)
Poster #1443 presented 7/30 @ 1:30-2:30pm	Lana Malek† (Agriculture|Engineering)	Kurt Ristroph (Engineering) Caleb Frederick Fretz (Agriculture) Radhika Arvind Bhopatkar (Engineering)
Poster #1444 presented 7/30 @ 1:30-2:30pm	Hannah Jordan Margulis† (Engineering|JMHC)	Megan Hope Lipton (Science) Maria Cristina Makin (Engineering) Lucy Anne Jurow (Engineering) Varun Aggarwal (Engineering)
Poster #1445 presented 7/30 @ 1:30-2:30pm	Doruk Alp Mutlu†	Jenna L Wise DiVincenzo (Engineering) Pranshul Sardana (Engineering)
Poster #1446 presented 7/30 @ 1:30-2:30pm	Laksh Nagpal† (Engineering)	euiwon Bae (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1447 presented 7/30 @ 1:30-2:30pm	Ishan Gopu Nair† (Engineering) Lily Avery Waterman‡ (Engineering) Isaac Parks‡ (Engineering)	Md Ashiqur Rahman (Engineering) David Warsinger (Engineering) Lipi Roy (Engineering)
Poster #1448 presented 7/30 @ 1:30-2:30pm	Khanh Nam Nguyen† (Engineering)	Shreyas Sen (Engineering) Lingke Ding (Engineering) Zhengbin Chen (Engineering) Ioanna Katsamba (Engineering)
Poster #1449 presented 7/30 @ 1:30-2:30pm	Cillian Norton† (Engineering)	Jingqiao Shen (Engineering) Xiaoping Bao (Engineering) Radhika Arvind Bhopatkar (Engineering)
Poster #1450 presented 7/30 @ 1:30-2:30pm	Aarav Pasad† (Engineering)	Joseph V Sinfield (Engineering) Jenna Nicole Palka (Engineering) Varun Aggarwal (Engineering)
Poster #1451 presented 7/30 @ 1:30-2:30pm	Tru Phong Pham† (Engineering)	Lipi Roy (Engineering) Shivam Sharma (Engineering) Amit Varma (Engineering)
Poster #1452 presented 7/30 @ 1:30-2:30pm	Son Quoc Son Phan† (Engineering) Timothy P Malloy‡ (Engineering|JMHC)	Sean Yenyu Lai (Engineering) Ganesh Subbarayan (Engineering) Parth Uday Kelkar (Engineering)
Poster #1453 presented 7/30 @ 1:30-2:30pm	Juan Andres Puyo Montealegre†	Shreyas Sundaram (Engineering) Philip Eugene Pare (Engineering) Justin Linus Ren (Engineering) Varun Aggarwal (Engineering)
Poster #1454 presented 7/30 @ 1:30-2:30pm	Zheng Qing† (Engineering)	Xuanying Lai (Science) Christopher Hou Li (Science) Adi Bhatnagar (Engineering) David Matthew Czerwonky (Engineering)
Poster #1455 presented 7/30 @ 1:30-2:30pm	Chengxun Ren†	Lei Wang (Science) Parth Uday Kelkar (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1456 presented 7/30 @ 1:30-2:30pm	Rachel M Rivera† Ian Kwan Yin Lam‡ (Science)	Nissa Jo Larson (Engineering) Linlin Li (Engineering) Emily R Jakob (HHS)
Poster #1457 presented 7/30 @ 1:30-2:30pm	Alexander Rizk† (Engineering)	Matthew William Vaughn (Engineering) Robert Edwin Ferguson (Engineering) Steven F Son (Engineering) Pranshul Sardana (Engineering)
Poster #1458 presented 7/30 @ 1:30-2:30pm	Javier S Robinson†	Kathleen Howell (Engineering) Dale Andrew Pri Williams (Engineering) Jay Singh (Engineering) Pranshul Sardana (Engineering)
Poster #1459 presented 7/30 @ 1:30-2:30pm	Francisco Sebastiano† (Engineering) Nicodemus M O'Brian‡ (Engineering)	Cameron James Buerke (Engineering) Andrew Joseph Romes (Engineering) Allen L Garner (Engineering) Ignacio G Camarillo (Science) Parth Uday Kelkar (Engineering)
Poster #1460 presented 7/30 @ 1:30-2:30pm	Yilin Shao† (Engineering)	Madeleine Shuhn Tsua Yuh (Engineering) Neera Jain (Engineering) David Matthew Czerwonky (Engineering)
Poster #1461 presented 7/30 @ 1:30-2:30pm	Wilhelm S Smith† Anna Julie Astrid Webb‡ (Science) Aasish Chowdary Karuturi‡ (Science|JMHC) Bea Olivia Cabot‡ (Science)	Benjamin Zeidler (Engineering) Cortland Hannah Johns (Engineering) Craig Goergen (Engineering) Emily R Jakob (HHS)
Poster #1462 presented 7/30 @ 1:30-2:30pm	Paul Spitz† (Engineering)	Jhoan Andres Ruiz Velasquez (Engineering) Lipi Roy (Engineering) Shubhanshu Agarwal (Engineering)
Poster #1463 presented 7/30 @ 1:30-2:30pm	Morgan Stephens† (Science|JMHC)	Chang Ding (Science) Emily R Jakob (HHS)
Poster #1464 presented 7/30 @ 1:30-2:30pm	Ethan Scott Streckfuss† (Agriculture|Engineering|JMHC)	Kendahl R Hejl (Engineering) Cary D Troy (Engineering) David Matthew Czerwonky (Engineering)
Poster #1465 presented 7/30 @ 1:30-2:30pm	Eliza Louise Thurs† (Engineering) Angelica Sofia Gonzalez-Ng‡ (Engineering) Maria Macias‡ (Engineering)	Madison Mckensi Howard (Engineering) Luis Solorio (Engineering) Juan Camilo Mesa Agudelo (Engineering) Parth Uday Kelkar (Engineering)
Poster #1466 presented 7/30 @ 1:30-2:30pm	Reece Avery Tippery† (Engineering)	Matthew Kaboolian (Engineering) Kendra A Erk (Engineering) Emily R Jakob (HHS)
Poster #1467 presented 7/30 @ 1:30-2:30pm	Susana Torres Gnecco†	Ana Maria Ospina Larrea (Science) Ximena Bernal (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1468 presented 7/30 @ 1:30-2:30pm	Allen Joseph Vidallon† (Engineering)	Demetrius Gulewicz (Engineering) Neera Jain (Engineering) David Matthew Czerwonky (Engineering)
Poster #1469 presented 7/30 @ 1:30-2:30pm	Ziang Wang† (Science) Shrinand Perumal‡ (Science) Luke Jaehyeon Choi‡ (Science|JMHC) Michael X Zhang‡ (Engineering) Benjamin Joseph Taylor* (Engineering|JMHC) Jackson Patrick Shields* (Science) Ekaterina Tszyao* (Science) Atharv Kharbanda* (Science) Bisti Sunil Potdar* (Science) Sivamurugan Velmurugan* (Engineering|Science) Michael Alexander Ikriannikov* (Science) Joseph Issac Getachew* (Science) Mukund Sanjay Rao*	Yung-Hsiang Lu (Engineering) Yeon Ji Yun (Liberal Arts) Zihao Ye (Engineering) Varun Aggarwal (Engineering)
Poster #1470 presented 7/30 @ 1:30-2:30pm	Nathan Daniel Weston† (Engineering)	Woei-chyi Chang (Engineering) sogand Hasanzadeh (Engineering) Radhika Arvind Bhopatkar (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1471 presented 7/30 @ 1:30-2:30pm	Lucille Mattingly Whyman† (Science)	Ayomide Olohigbe Unuigbokhai (Science) Matthew Thomas Tegtmeyer (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1472 presented 7/30 @ 1:30-2:30pm	Reed M Woolard† (Science)	Uttam Pal (Science) Jianguo Mei (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1473 presented 7/30 @ 1:30-2:30pm	Alan S Yi† (Science) Daniel Anoruo†	Yirang Park (Engineering) David Esteban Bernal Neira (Engineering) Parth Uday Kelkar (Engineering)
Poster #1474 presented 7/30 @ 1:30-2:30pm	Peter Zakariya† (Science)	David Iseri Inouye (Engineering) Mai Elkady (Science)
Talk #7000 presented 7/30 @ 9:00am	Aritro Chatterjee† (Science)	Bishnu Prasad Belbase (Science) Arnab Banerjee (Science) Ioanna Katsamba (Engineering)
Talk #7001 presented 7/30 @ 9:20am	Jocelyn Yang† (Science)	Lei Wang (Pharmacy) Casey J Krusemark (Pharmacy)
Talk #7002 presented 7/30 @ 9:40am	Emanuele Bossi†	Neera Jain (Engineering) Sibibalan Jeevanandam (Engineering) Parth Uday Kelkar (Engineering)
Talk #7003 presented 7/30 @ 9:00am	Aidan Hirsch† (Engineering)	Qiwei Dong (Engineering) Kevin John Otto (Engineering) Pranshul Sardana (Engineering)
Talk #7004 presented 7/30 @ 9:20am	Phoebe G Smock† (Agriculture|Engineering)	John Tesmer (Science) Sandali Lakmini Piladuwa Gamage (Science) Ioanna Katsamba (Engineering)
Talk #7005 presented 7/30 @ 9:40am	Mo Chen† (Engineering|DSB)	Afaque Alam (Engineering) Li Qiao (Engineering) Parth Uday Kelkar (Engineering)
Talk #7006 presented 7/30 @ 9:00am	Pratyush Chettri† (Engineering|Science|JMHC) Aditi Akella* (Engineering)	Krutarth Kiran Kamath (Engineering) Brian Cecil Wyatt (Engineering) Anupma Thakur (Engineering) Nithin Chandran Balachandran Sajitha (Engineering) Babak Anasori (Engineering)
Talk #7007 presented 7/30 @ 9:20am	Twisha Tirumani Shivashankar†	Taimoor Hasan Qazi (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Talk #7008 presented 7/30 @ 9:40am	Maksymilian Mroczkowski†	Fiona Kolbinger (Engineering) Muhammad ibtsaam Qadir (Engineering)
Talk #7012 presented 7/30 @ 10:00am	Damian Munoz† William David Boulton‡ (Science)	Santiago Torres Arias (Engineering) Eman Abdul-Muhd Abu Ishgair (Engineering) Abhishek Reddypalle (Engineering) Pranshul Sardana (Engineering)
Talk #7013 presented 7/30 @ 10:20am	Kovid Tandon† (Science)	Aniket Pundlik Kate (Science) Satvinder Singh (Science) Andres Catalino Castillo Jimenez (Engineering)
Talk #7014 presented 7/30 @ 10:40am	Noah Strawhacker† (Engineering|JMHC)	Kali Nicole Konstantinopoulos (Engineering) Trevor Jaan Shoaf (Engineering) Elsje Pienaar (Engineering)
Talk #7015 presented 7/30 @ 10:00am	Brianna Petruccelli† (Science|JMHC)	Caue Sciascia Borlina (Science) Ioanna Katsamba (Engineering)
Talk #7016 presented 7/30 @ 10:20am	Lorenzo Demaria†	Li-Fan Wu (Engineering) Nina Mahmoudian (Engineering) Varun Aggarwal (Engineering)
Talk #7017 presented 7/30 @ 10:40am	Neha Saleha† (Engineering|Liberal Arts)	Dhiya eddine Belkadi (Engineering) Muhammad Mustafa Hussain (Engineering)
Talk #7018 presented 7/30 @ 10:00am	Priyanka Ghadiyaram†	Dheeraj Govindrao Waghmare (Engineering) Akanshu Sharma (Engineering) Radhika Arvind Bhopatkar (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7019 presented 7/30 @ 10:20am	Ana Maria De La Torre Sanchez†	Patrick A Zollner (Agriculture) Parth Uday Kelkar (Engineering) Griffin Broviak (Agriculture) Jared Franklin Trask (Agriculture) Mate Farkas (Agriculture)
Talk #7020 presented 7/30 @ 10:40am	Maggie McLeod† (Engineering|JMHC)	Kendahl R Hejl (Engineering) Cary D Troy (Engineering) Emily R Jakob (HHS)
Talk #7027 presented 7/30 @ 11:00am	Anna M Kiley†	Deva Chan (Engineering) Cameron Xavier Villarreal (Engineering) Pranshul Sardana (Engineering)
Talk #7028 presented 7/30 @ 11:20am	Sarah Elizabeth Grev† (Engineering)	Elnaz Ghajar-Rahimi (Engineering) Craig Goergen (Engineering) Varun Aggarwal (Engineering)
Talk #7029 presented 7/30 @ 11:40am	Mansi Abhijit Dhamne†	Matthew Peter Ward (Engineering) Emily R Jakob (HHS)
Talk #7030 presented 7/30 @ 11:00am	Mihika Desai† (Engineering)	Taimoor Hasan Qazi (Engineering) Emily R Jakob (HHS)
Talk #7031 presented 7/30 @ 11:20am	Aarya Gajendra Sontakke† (Science)	Mohseu Rashid Subah (Engineering) Pranshul Sardana (Engineering) Rachel Kathleen Surowiec (Engineering)
Talk #7032 presented 7/30 @ 11:40am	Matthew S Leight† (Engineering|JMHC) Soham Pawaskar‡ (Engineering|Liberal Arts) Eleanor Captola Hostetler* (Engineering)	Joseph S Jewell (Engineering) Siddharth Bhatnagar (Engineering) Radhika Arvind Bhopatkar (Engineering)
Talk #7033 presented 7/30 @ 11:00am	Myron Milad Tadros† (Engineering) Mason Patrick Julius Levere† (Science) Siddhant Jain† James Thomas Pittard* (Science) Sydney Metz* (Science|JMHC)	Andreas Jung (Science) Mark Ward (Science) Ace Rounds (Science)
Talk #7034 presented 7/30 @ 11:20am	Purav Matlia† (Science)	Guang Lin (Science) Christian Bolivar Moya Calderon (Science) Andres Catalino Castillo Jimenez (Engineering)
Talk #7035 presented 7/30 @ 11:40am	Maxwell K Bartlett† David W Ball*	Angel Noel Santiago Colon (Engineering) Rajamani P Gounder (Engineering) Jorge Enrique Neira Garcia (Polytechnic)
Talk #7042 presented 7/30 @ 12:00pm	Pranav Mahesh Kuruba† (Science) Everett John Nally* (Engineering)	Rusi P Taleyarkhan (Engineering) Stepan Ozerov (Engineering) Jonathan Paul Koziarz (Engineering) Parth Uday Kelkar (Engineering)
Talk #7043 presented 7/30 @ 12:20pm	Aahan Bajpai† (Science)	robbee Wedow (Liberal Arts) Katherine Nina Thompson (Liberal Arts) Lipi Roy (Engineering)
Talk #7044 presented 7/30 @ 12:40pm	Mukul Agarwal† (Science)	Hemanta K Maji (Science) Ioanna Katsamba (Engineering)
Talk #7045 presented 7/30 @ 12:00pm	Stanley Tzarkwai So† (Engineering)	Seyedehmarzieh Rouhani (Engineering) Mark Johnson (Engineering) David Matthew Czerwonky (Engineering)
Talk #7046 presented 7/30 @ 12:20pm	Ruben Canora Alvarez† (Engineering) Atish Bhungalia*	Shengwang Du (Engineering) Hadiseh Alaeian (Engineering) Ziqi Niu (Engineering) Xinzhe Xu (Engineering) Radhika Arvind Bhopatkar (Engineering)
Talk #7047 presented 7/30 @ 12:40pm	Laura Sofia Perez†	Ali Bramson (Science) Kris Laferriere (Science) Pranshul Sardana (Engineering)
Talk #7048 presented 7/30 @ 12:00pm	David W Ball† Aakash Sanjay* (Engineering)	Bereket Tassew Bekele (Engineering) Rajamani P Gounder (Engineering) Sarah Margaret Gustafson (Engineering) Jorge Enrique Neira Garcia (Polytechnic)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7049 presented 7/30 @ 12:20pm	Ally Guo† Charity E Smith‡	Brian Michael Tackett (Engineering) Po-Chun Huang (Engineering) Jorge Enrique Neira Garcia (Polytechnic)
Talk #7057 presented 7/30 @ 1:00pm	Luke DeLion† (Agriculture|Engineering)	Mojhdeh Baghbanbashi (Engineering) Sophia R Dasaro (Agriculture) Kurt Ristroph (Engineering)
Talk #7058 presented 7/30 @ 1:20pm	Hamdan Ashfaq†	Nikhilesh Chawla (Engineering) John Aaron Wu (Engineering) Pranshul Sardana (Engineering)
Talk #7059 presented 7/30 @ 1:40pm	Mike Xiao† (Engineering) Ben N Aaron‡	Ivan C Christov (Engineering) Ziyu Wang (Engineering) Ioanna Katsamba (Engineering)
Talk #7060 presented 7/30 @ 1:00pm	Andrew M Strawhacker† (Engineering|JMHC)	Andrew D Mesecar (Centers & Institutes) Bridget Louise Kaiser (Agriculture)
Talk #7061 presented 7/30 @ 1:20pm	Emiko A Sano† Grace Guan Man Meyer* (Hillsdale College)	Melba M Crawford (Engineering) Weihang Li (Engineering) Fatemeh Azimi (Engineering) Varun Aggarwal (Engineering)
Talk #7062 presented 7/30 @ 1:40pm	Grace O Jos†	Taehong Kim (Engineering)
Talk #7063 presented 7/30 @ 1:00pm	Kevin Yu† (Engineering) Wei Lun Chang† (Engineering) Sean Ross Klein† (Engineering) Justin E Bullock†	Sheng-wen Huang (Engineering) Peter Bermel (Engineering)
Talk #7064 presented 7/30 @ 1:20pm	Grace Ann Kowis† (HHS)	Linda Nie (HHS) Majid Khorsandi (HHS) David Matthew Czerwonky (Engineering)
Talk #7065 presented 7/30 @ 1:40pm	Diego Jimenez Rivera†	Lijia Xie (Engineering) Carol A Handwerker (Engineering) John E Blendell (Engineering) David Matthew Czerwonky (Engineering)
Talk #7072 presented 7/30 @ 2:00pm	Serena Yu† (HHS)	chongli Yuan (Engineering) Shichen Wu (Engineering) Parth Uday Kelkar (Engineering)
Talk #7073 presented 7/30 @ 2:20pm	Allison C Renshaw†	Michael D Sangid (Engineering) Lucas Darby Robinson (Engineering) Parth Uday Kelkar (Engineering)
Talk #7074 presented 7/30 @ 2:40pm	Zihan O Zeng† (Engineering)	Upinder Kaur (Engineering)
Talk #7075 presented 7/30 @ 2:00pm	Chantelle April Miller† (Engineering|JMHC)	Isabelle Kathryn Schaekel (Science) Jonathan J Wilker (Science) Ioanna Katsamba (Engineering)
Talk #7076 presented 7/30 @ 2:20pm	Pham Thanh Ngan Dinh†	Carlos J Martinez (Engineering) Nicole Lin Franklin (Engineering) Elizabeth Cecilia Malek (Engineering) Ioanna Katsamba (Engineering)
Talk #7077 presented 7/30 @ 2:40pm	Ha Nguyen† Shreyans Jain‡ Ekagrah Kumar‡ (Agriculture|Engineering) Nihar Dharmesh Shah*	Dharmendra Saraswat (Engineering) Martin R Okos (Engineering) Varun Aggarwal (Engineering) Daniel N Hauersperger (Agriculture) Adeayo Daniel Adewumi (Agriculture) David Matthew Czerwonky (Engineering)
Talk #7078 presented 7/30 @ 2:00pm	Ian Strachan† (Engineering)	Jia-Huei Tien (Engineering) David Bahr (Engineering) David Matthew Czerwonky (Engineering)
Talk #7079 presented 7/30 @ 2:20pm	Ayah Rahman†	Matthew M Niichel (Engineering) Peter Bermel (Engineering) Stylianos Chatzidakis (Engineering) David Matthew Czerwonky (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7080 presented 7/30 @ 2:40pm	Dylan Swanson†	Seyedehmarzieh Rouhani (Engineering) Mark Johnson (Engineering) David Matthew Czerwonky (Engineering)
Talk #7086 presented 7/30 @ 3:00pm	Adriana Maria Velasquez Medina†	Mohan Bikram Neupane (Science) Arnab Banerjee (Science) Luis Henrique Vilela Leao (Science) Arjun Unnikrishnan (Science) Bishnu Prasad Belbase (Science) Jhinkyu Choi (Science)
Talk #7087 presented 7/30 @ 3:20pm	Sakesh Andhavarapu† (Science|JMHC)	Ilya Slizovskiy (Vet Med) Alejandro Dale Kimball (Centers & Institutes)
Talk #7088 presented 7/30 @ 3:40pm	Shaocheng Wu† (Engineering)	Yijie Zhang (Engineering)
Talk #7089 presented 7/30 @ 3:00pm	Timothy P Malloy† (Engineering|JMHC) Son Quoc Son Phan‡ (Engineering)	Sean Yenyu Lai (Engineering) Ganesh Subbarayan (Engineering) Parth Uday Kelkar (Engineering)
Talk #7090 presented 7/30 @ 3:20pm	Chen Han Chan† (Engineering)	Junfei Li (Engineering)
Virtual #9023 presented 7/28-8/01 virtually	Laine Chapman† (Engineering)	Evelyn Marie Nonamaker (Engineering) Luis Solorio (Engineering) Emily R Jakob (HHS)