

Summer 2026 Undergraduate Research Conference: Engineering

This list is inclusive of all presentations where at least one student or at least one mentor is linked to the specified division. Students' and Mentors' names are based on information submitted in conference applications, except for the following:

- Divisions of presenters, contributors, and acknowledgments (e.g., the students) are based on:
 - Academic program only if a Purdue student, or
 - Employment data if a visiting student 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 OURConnect. Names may be edited (for future reporting) via "my profile" in OURConnect.

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

Presentation	Students	Mentors & Other Acknowledgments
Poster #1000 presented 7/30 @ 10:30-11:30am	Ruby L Aubin† (Engineering) Chandler Justice† (Utah State University)	Brandon Chase Myke Allen (Engineering)
Poster #1001 presented 7/30 @ 10:30-11:30am	Eric Huang† (Engineering)	Vijay Gupta (Engineering) Farbod Siahkali (Engineering)
Poster #1002 presented 7/30 @ 10:30-11:30am	Adrian Rincon† (Engineering)	Vijay Gupta (Engineering)
Poster #1003 presented 7/30 @ 10:30-11:30am	Mudit Pandey† (Engineering) Ishan Gopu Nair* (Engineering) Md Sadat Aarik* (Engineering)	Md Ashiqur Rahman (Engineering) David Warsinger (Engineering)
Poster #1005 presented 7/30 @ 10:30-11:30am	Julia Gloss† (Rochester Institute of Technology)	Shanyue Guan (Polytechnic) Shufan Liu (Engineering Polytechnic)
Poster #1006 presented 7/30 @ 10:30-11:30am	DANIEL SEARS GREGORY† (Polytechnic) Hope Rockmore-Johnson† (Engineering)	Soowon Chang (Polytechnic) Deniz Besiktepe (Polytechnic) Heung Jin Oh (Polytechnic)
Poster #1009 presented 7/30 @ 10:30-11:30am	Nathan Daniel Weston† (Engineering)	sogand Hasanzadeh (Engineering)
Poster #1022 presented 7/30 @ 10:30-11:30am	Reuben Joshua De Dios† (Agriculture Engineering)	Lori Hoagland (Agriculture) Mine Rouxna van der Berg (Agriculture)
Poster #1023 presented 7/30 @ 10:30-11:30am	Andrew Lucas Freuman† (Agriculture Engineering) Bailey Elizabeth Freese‡ (Engineering Vet Med) Annalise Irene Coyne‡ (Agriculture Engineering JMHC) Jose Luis Melendez‡ (Agriculture Engineering)	Kari L Clase (Agriculture Engineering) Stephen Robert Byrn (Pharmacy) Daniel T Smith (Pharmacy)
Poster #1027 presented 7/30 @ 10:30-11:30am	Eva Corinne Morie† (Agriculture Engineering) Alexis M Howat* (Agriculture)	Jacob Daniel Hosen (Agriculture) Alexander Charles Collins (Agriculture)
Poster #1028 presented 7/30 @ 10:30-11:30am	Sophia Morris† (Agriculture JMHC)	Joseph Paul Robinson (Engineering Vet Med) Bartek Rajwa (Other) David Perez Herrera (Science) Brianna N Corman (Vet Med)
Poster #1030 presented 7/30 @ 10:30-11:30am	Nina O'Tain† (Agriculture) Sarabeth Grace Hargarten* (Agriculture) Sierra J Kingsford* (Agriculture) Grace Mae Kraemer* (Agriculture)	Tingting Ju (Agriculture) Brian T Richert (Agriculture) Rahim Rahimi (Engineering)

Presentation	Students	Mentors
Poster #1037 presented 7/30 @ 10:30-11:30am	Austin Robert Tanabe† (Agriculture Engineering JMHC)	Feng Wang (Agriculture) Su-Ling Liu (Agriculture)
Poster #1043 presented 7/30 @ 10:30-11:30am	Emma Sullinger† (PWL) Hannah Grace Forsythe‡ (Agriculture)	Linda S Lee (Agriculture Engineering) Ariana Jolie Lazo (Agriculture)
Poster #1047 presented 7/30 @ 10:30-11:30am	Maria Catalina Aceros† (Engineering)	Fernando Aguilera De Alba (HHS) Michael G Heinz (Engineering HHS) Jia Lin Cheoh (Engineering)
Poster #1048 presented 7/30 @ 10:30-11:30am	Bolortsetseg Adiya† (Science)	Alexandra Blair Clark (Science) Laura J Pyrak-Nolte (Science) Lipi Roy (Engineering)
Poster #1049 presented 7/30 @ 10:30-11:30am	Minseong An†	Martin Byung-Guk Jun (Engineering) Junmyoung Jang (Engineering) Junyoung Oh (Engineering) Yonghyun Lee (Engineering) Yuseop Sim (Engineering)
Poster #1050 presented 7/30 @ 10:30-11:30am	Rishab Anand† (Engineering)	Tae Yoon Kim (Engineering) Md Foysal Rabbi (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1051 presented 7/30 @ 10:30-11:30am	David Felipe Arguello Patino† (Engineering) Adam James Sullivan‡ (Engineering)	Megan K Van Dyke (Engineering) Yuehwern Yih (Engineering) Jorge Enrique Neira Garcia (Engineering)
Poster #1052 presented 7/30 @ 10:30-11:30am	Sidharth Bhatt†	Yaguang Zhang (Agriculture) Fabio Andres Castiblanco Rubio (Engineering) Monish Mahesh Lokhande (Engineering) Saru Bharti (Agriculture) Anugunj Naman (Engineering) Andrew Balmos (Engineering)
Poster #1053 presented 7/30 @ 10:30-11:30am	Juan I Cantarella† (Engineering)	Kyle Henry Jung (Engineering) Marisol Koslowski (Engineering) Joshua Mark Block (Engineering) Nuela Enebechi (Engineering)
Poster #1055 presented 7/30 @ 10:30-11:30am	Avery Chan† (Engineering)	Arezoo Ardekani (Engineering) David Perez Herrera (Science)
Poster #1056 presented 7/30 @ 10:30-11:30am	Daniel Chi Hsien Chen Sandi† (Engineering)	Jun Kim (Engineering) Taimoor Hasan Qazi (Engineering) Tuba Marjan (Engineering) Nicole Elizabeth Mertens (Engineering) Keira Vesey (Engineering) Dean Evan Stornello (Engineering)
Poster #1057 presented 7/30 @ 10:30-11:30am	Brendan Edward Crump† (Engineering)	Ayotunde Olaoluwa Alabi (Engineering) David Hibbitts (Engineering) Sarah Gustafson Wagers (Engineering) Waire Olawolu (Engineering)
Poster #1058 presented 7/30 @ 10:30-11:30am	Guilherme de Souza Correa† (Engineering)	Luis Gerardo Romaguera-Rios (Engineering) Thomas H Siegmund (Engineering) Daniel B Szymanski (Agriculture) Tanner James Ballance (Agriculture) Eileen L Mallery (Agriculture) David Matthew Czerwony (Engineering)
Poster #1059 presented 7/30 @ 10:30-11:30am	Kelcie Edrea T Estrera† (Science) Yizheng Jiang‡ (Engineering)	Denny Yu (Engineering) Varun Aggarwal (Engineering) Jingkun Wang (Engineering) Peiran Liu (Engineering)

Presentation	Students	Mentors
Poster #1060 presented 7/30 @ 10:30-11:30am	Hongsen Fang [†] (Engineering) Rohan Kelkar* (Engineering)	Dianyun Zhang (Engineering) Yao Sun (Engineering) Sai Krishna Meka (Engineering) Nuela Enebechi (Engineering)
Poster #1061 presented 7/30 @ 10:30-11:30am	Auriani Faviola Gomez Cintron [†] (Engineering)	Agnes Doszpoly (Engineering) Tamara L Kinzer-Ursem (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1063 presented 7/30 @ 10:30-11:30am	Nicolas Gomez Velasquez [†] (Engineering) Cole J Burnett [‡] (Engineering)	Jan-Anders E Mansson (Engineering) Adeline Nora Ripberger (Engineering) Jorge Enrique Neira Garcia (Engineering)
Poster #1064 presented 7/30 @ 10:30-11:30am	Vincent John Graciano [†] (Engineering)	Bren H Legarreta (Engineering) Diane Collard (Engineering) Steven F Son (Engineering) Emily R Jakob (Engineering)
Poster #1065 presented 7/30 @ 10:30-11:30am	Sicheng He [†] (Science) Ayush Ashok Khondge [‡] (PWL) Nolan H Nguyen [‡] Qingyang Sun [‡] (Engineering) Elizabeth Renee Murotani [‡] (Science) Bosco Lee [‡] Aaron W Berntsen [‡] (Engineering JMHC) Lucas Bin Fan Wu [‡] (Unknown)	Qiuyang Xiao (Engineering) Li Zhan (Engineering) Emily R Jakob (Engineering)
Poster #1066 presented 7/30 @ 10:30-11:30am	Jamie Chanadol Henson [†] (Engineering) Kai X Keller [†] (Engineering)	Yooseung Choi (Engineering) Emily R Jakob (Engineering)
Poster #1067 presented 7/30 @ 10:30-11:30am	Kira Howe [†] (Science)	Saloni Darji (Science) Sourish Biswas (Centers & Institutes) David Thompson (Science) David Matthew Czerwonky (Engineering)
Poster #1068 presented 7/30 @ 10:30-11:30am	Joseph Anthony Janicek [†] (Science)	Govindi Soba Rashmiraji Walimuni Dewage (Science) Xindi Tang (Science) Qiaorong Xie (Science) Julia Laskin (Science) Emily R Jakob (Engineering)
Poster #1069 presented 7/30 @ 10:30-11:30am	Daniel Esteban Jara Moreno [†] (Science)	Anish Yadav (Science) Christina W Li (Science) Jorge Enrique Neira Garcia (Engineering)
Poster #1070 presented 7/30 @ 10:30-11:30am	Yizheng Jiang [†] (Engineering) Kelcie Edrea T Estrera [‡] (Science)	Denny Yu (Engineering) Jingkun Wang (Engineering) Lipi Roy (Engineering)
Poster #1071 presented 7/30 @ 10:30-11:30am	Brayden Kauffmann [†] (Science) Aditya H Joshi [‡] (Engineering)	Tiancong Zhu (Science) Daniel Johannes Jung (Science) David Matthew Czerwonky (Engineering)
Poster #1072 presented 7/30 @ 10:30-11:30am	Nathan Maharaj Kharwanlang [†] (Engineering)	Chenfei Zhu (Engineering) Emily R Jakob (Engineering)
Poster #1073 presented 7/30 @ 10:30-11:30am	Kyungmin Kim [†] (Engineering Science)	Fabio Andres Castiblanco Rubio (Engineering)
Poster #1074 presented 7/30 @ 10:30-11:30am	Mary C Kirby [†]	Caitlin Rose Proctor (Engineering) Addrita Haque (Engineering)
Poster #1075 presented 7/30 @ 10:30-11:30am	Anna Louise Kokosa [†] (Science JMHC) Megan Webb [‡] (Agriculture)	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1076 presented 7/30 @ 10:30-11:30am	Akhil Kota [†] (Engineering)	Shraman Pal (Engineering) Can Li (Engineering) Andres Catalino Castillo Jimenez (Engineering)

Presentation	Students	Mentors
Poster #1077 presented 7/30 @ 10:30-11:30am	Emily Danielle Kushner [†] (Engineering) Helen Sophia Brzozowski* (Engineering)	Joseph Flanagan (Engineering) Jihoon Park (Engineering) Sudipta Mondal (Engineering) Kenneth H Sandhage (Engineering) Kevin P Trumble (Engineering) Varun Aggarwal (Engineering)
Poster #1078 presented 7/30 @ 10:30-11:30am	Andre Lee [†] (Engineering) Akshith Garapati [‡] (Engineering)	David Iseri Inouye (Engineering) Easton Luke-Earl Currie (Engineering) Mingyu Kim (Engineering) Varun Aggarwal (Engineering)
Poster #1080 presented 7/30 @ 10:30-11:30am	Woojun Lee [†] (Engineering)	euiwon Bae (Engineering)
Poster #1081 presented 7/30 @ 10:30-11:30am	Zonghan Lei [†] (Science JMHC)	Linda Nie (HHS) Nuela Enebechi (Engineering)
Poster #1082 presented 7/30 @ 10:30-11:30am	Ana Sofia Leiva Aldana [†] (Agriculture Engineering)	D. Marshall Porterfield (Agriculture Engineering) Richard John Barker (Agriculture Engineering) Varun Aggarwal (Engineering)
Poster #1083 presented 7/30 @ 10:30-11:30am	Zhixin Li [†] (Science)	Lei Wang (Science) Monish Mahesh Lokhande (Engineering)
Poster #1084 presented 7/30 @ 10:30-11:30am	Somi Lim [†] (Agriculture Engineering)	Caitlin Rose Proctor (Engineering)
Poster #1085 presented 7/30 @ 10:30-11:30am	Bingyi Liu [†] (Engineering Science)	Chenfei Zhu (Engineering)
Poster #1086 presented 7/30 @ 10:30-11:30am	Sophia D Madrazo [†] (Science)	Anna Elizabeth Davis (Science) Gabriel Jordan Lovinger (Science) Maison Claire Hardin (Science) Kelton James Radefeld (Science) David Matthew Czerwony (Engineering)
Poster #1087 presented 7/30 @ 10:30-11:30am	Aidan Josef Monark [†] (Engineering)	Kali Nicole Konstantinopoulos (Engineering) Trevor Jaan Shoaf (Engineering) Lipi Roy (Engineering) Elsje Pienaar (Engineering)
Poster #1088 presented 7/30 @ 10:30-11:30am	Sohyun Moon [†] (Engineering)	Mahmudul Hoq (Engineering) Hosop Shin (PWL) Andres Catalino Castillo Jimenez (Engineering)
Poster #1089 presented 7/30 @ 10:30-11:30am	Keira Alexandra Murphy [†] (Engineering)	Paula Belmont Coelho (Engineering) Andrew Whelton (Engineering) Varun Aggarwal (Engineering)
Poster #1090 presented 7/30 @ 10:30-11:30am	Srinath Eswaran Neelamagam [†] (Science)	Shrikrishna Bhagirath Rajule (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1091 presented 7/30 @ 10:30-11:30am	Natalia Nino Cocoma [†] (Vet Med)	Jhon Edison Martinez (Engineering) Riyi Shi (Vet Med) Nikita Krishnan (Engineering) Casey Erin Adam (Vet Med) Man Chen (Engineering) Jorge Enrique Neira Garcia (Engineering)
Poster #1092 presented 7/30 @ 10:30-11:30am	Isabel M Owens [†] (Science)	Shalini Iyer (Science) Chittaranjan Das (Science) Nuela Enebechi (Engineering) Dhanapala Mudiyansele Jayamini C Gunaratne (Science) Laura Mae Sanford (Pharmacy)

Presentation	Students	Mentors
Poster #1093 presented 7/30 @ 10:30-11:30am	Minho Park† (Engineering)	Martin Byung-Guk Jun (Engineering) Junmyoung Jang (Engineering) Du Ju Lee (Engineering) Jongwoo Han (PWL)
Poster #1094 presented 7/30 @ 10:30-11:30am	Yixuan Ren† (Science) Hayden Schneider* (Science JMHC) Steven Quocviet Phan* (Pharmacy)	Joydeep Rakshit (Science) Saloni Darji (Science) David Matthew Czerwony (Engineering)
Poster #1095 presented 7/30 @ 10:30-11:30am	Zachary Ryan Roeder† (Engineering)	Kendra A Erk (Engineering) Evan R Williams (Engineering) Matthew Kaboolian (Engineering) Varun Aggarwal (Engineering)
Poster #1096 presented 7/30 @ 10:30-11:30am	Nasser H Sanwari† (Engineering Science) Rebecca Rose Phelan* (Engineering)	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Leopold Noel Green (Engineering) David Matthew Czerwony (Engineering)
Poster #1097 presented 7/30 @ 10:30-11:30am	Rohan Ashish Shrowty† (Engineering)	David Warsinger (Engineering) Mateo Roldan Carvajal (Engineering) Emily R Jakob (Engineering)
Poster #1098 presented 7/30 @ 10:30-11:30am	Udaiveer Singh† (Agriculture Engineering)	Rajiv Ranjan (Agriculture Engineering) Dharmendra Saraswat (Agriculture Engineering) Varun Aggarwal (Engineering)
Poster #1099 presented 7/30 @ 10:30-11:30am	Paul Shannon Slack† (Engineering Science)	Md Rakibul Islam Prince (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1100 presented 7/30 @ 10:30-11:30am	Daniela Solarte Rodriguez† (Engineering)	Lena Azimi (Engineering) Guinan Guo (Engineering) Melba M Crawford (Agriculture Engineering) Pramod Sunil Parande (Engineering) Jorge Enrique Neira Garcia (Engineering)
Poster #1102 presented 7/30 @ 10:30-11:30am	Nicholas Audrie Steeves† (Science)	Nickolas Richard Brauer (Science) Jean A Chmielewski (Science) David Matthew Czerwony (Engineering)
Poster #1103 presented 7/30 @ 10:30-11:30am	Abhaya Sundar† (Engineering Science)	Ritwik Bhattacharya (Engineering) Abhinanda Sengupta (Engineering) Partha P Mukherjee (Engineering) David Matthew Czerwony (Engineering)
Poster #1104 presented 7/30 @ 10:30-11:30am	Likhita Tinga† (Engineering)	Aidan Damian Pantoya (Engineering) Jalen Riley Macatangay (Engineering) Jason John Wilkening (Engineering) Alejandro H Strachan (Engineering)
Poster #1105 presented 7/30 @ 10:30-11:30am	Mai Khanh Tran† (Engineering) Joao Vitor Carvalho Almeida† (Engineering)	Jenna L Wise DiVincenzo (Engineering) Matthew Christian Ruiz (Engineering)
Poster #1106 presented 7/30 @ 10:30-11:30am	Emerson Waltz† (Engineering)	Reagan Cole Huckabee (Engineering) Rajamani P Gounder (Engineering) Waire Olawolu (Engineering)
Poster #1107 presented 7/30 @ 10:30-11:30am	Minghan Wang† (Engineering)	Yifan Wang (Engineering) Jia Lin Cheoh (Engineering)
Poster #1108 presented 7/30 @ 10:30-11:30am	Ryan James Williams† (Engineering)	Rusi P Taleyarkhan (Engineering) Stepan Ozerov (Engineering)

Presentation	Students	Mentors
Poster #1109 presented 7/30 @ 10:30-11:30am	Ryan Wu [†] (Engineering)	Weihang Li (Engineering) Melba M Crawford (Agriculture Engineering) Lena Azimi (Engineering) Guinan Guo (Engineering) Pramod Sunil Parande (Engineering) Jordan Joseph Alexander (Engineering) Varun Aggarwal (Engineering)
Poster #1111 presented 7/30 @ 10:30-11:30am	Feng Ye [†] (Science) Nguyen Chan Nhu Pham [‡] (Liberal Arts) Antara Durbha [‡] (Science)	Qiuyue Xue (Science) Lipi Roy (Engineering)
Poster #1112 presented 7/30 @ 10:30-11:30am	Kai-Xing Yue [†] (Engineering)	David Warsinger (Engineering) Mateo Roldan Carvajal (Engineering) David Matthew Czerwonky (Engineering)
Poster #1113 presented 7/30 @ 10:30-11:30am	Lucia X Zhang [†] (Engineering)	chongli Yuan (Engineering) Han Zhao (Engineering) Emily R Jakob (Engineering)
Poster #1114 presented 7/30 @ 10:30-11:30am	Seth Everette Cowan [†] (Engineering)	Rusi P Taleyarkhan (Engineering) Stepan Ozerov (Engineering) CJ Holdeman (Engineering)
Poster #1121 presented 7/30 @ 10:30-11:30am	Kym-Danny Dyah Francist [†] (Engineering)	Ismar Leonel Chew (Engineering) Monique Suzanne McClain (Engineering)
Poster #1123 presented 7/30 @ 10:30-11:30am	Carlos Alexis Ortiz Gonzalez [†] (Engineering)	Kaushik Roy (Engineering) Prajna Ganapathy Malettira (Engineering)
Poster #1124 presented 7/30 @ 10:30-11:30am	Maheen Syed [†] (Engineering) John Pao Miles* (Liberal Arts)	Nikita Krishnan (Engineering) Shatha Jameel Mufti (Engineering) Riyi Shi (Vet Med) Timothy Brock Beauclair (Engineering) Jhon Edison Martinez (Engineering)
Poster #1200 presented 7/30 @ 12:00-1:00pm	Changho Lee [†] (Centers & Institutes)	Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering) Anand D Tiwari (Polytechnic)
Poster #1224 presented 7/30 @ 12:00-1:00pm	Abner Obed Ruiz Pérez [†] (PWL)	Cary D Troy (Engineering) Kendahl R Klatt (Engineering) Owen R Hodges (Engineering) Max Ahrbecker (Engineering)
Poster #1225 presented 7/30 @ 12:00-1:00pm	Md Sadat Aarik [†] (Engineering) Ishan Gopu Nair [‡] (Engineering) Mudit Pandey [‡] (Engineering)	David Warsinger (Engineering) Davide Ziviani (Engineering) Md Ashiqur Rahman (Engineering) Emily R Jakob (Engineering)
Poster #1226 presented 7/30 @ 12:00-1:00pm	Agustin Abt [†] (Engineering) Aryan Rauniyar [‡] (Engineering)	Ethan Wayne Holbrook (Engineering) Alejandro H Strachan (Engineering) Sourabh Vitthal Desai (PWL) Baptiste Tongasoa Martin (Engineering) Robert Joseph Appleton (PWL) Jia Lin Cheoh (Engineering)
Poster #1227 presented 7/30 @ 12:00-1:00pm	Garv Atri [†] (Engineering Science)	Linlin Li (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1228 presented 7/30 @ 12:00-1:00pm	Aritra Barman [†] (Science)	Saghnik Saha (Science) Ming Yu Ngai (Science) Nuela Enebechi (Engineering)

Presentation	Students	Mentors
Poster #1229 presented 7/30 @ 12:00-1:00pm	Olivia Bell† (Engineering) Alekh Pratish Shah‡ (Engineering) Xavier Thomas Cedric Tribout‡ (PWL)	Craig Goergen (Engineering) Benjamin Zeidler (Engineering) Niharika Narra (Engineering) John Patrick Salvas (Engineering) Alyssa Marine Richards (Engineering) Conner Clair Earl (Engineering) Emily R Jakob (Engineering)
Poster #1230 presented 7/30 @ 12:00-1:00pm	Anushka Bhavet† (Polytechnic) Hiya Samanta‡ (Science)	Caue Sciascia Borlina (Science) Anastasia Kouvaras Ostrowski (Polytechnic) Ali Bramson (Science) Nuela Enebechi (Engineering)
Poster #1231 presented 7/30 @ 12:00-1:00pm	Cole J Burnett† (Engineering) Nicolas Gomez Velasquez‡ (Engineering)	Jan-Anders E Mansson (Engineering) Adeline Nora Ripberger (Engineering) David Matthew Czerwonky (Engineering)
Poster #1232 presented 7/30 @ 12:00-1:00pm	Emma Caron† (Engineering JMHC)	Riley Bradley Barta (Engineering) Ganesh Brammanayagam venkatesan (Engineering) David Matthew Czerwonky (Engineering)
Poster #1233 presented 7/30 @ 12:00-1:00pm	Anirud Chakkarapani† (Engineering) Mirza Orunav Shahper* (Engineering)	Luz Sotelo (Engineering) Harshith Kumar Adepu (Engineering) Davis Roy Avera (Engineering) Lipi Roy (Engineering)
Poster #1234 presented 7/30 @ 12:00-1:00pm	Pin-Yu Chen† (Engineering Science)	Junyuan Lu (Engineering) Jingang Li (Engineering)
Poster #1235 presented 7/30 @ 12:00-1:00pm	Martinos Christodoulides† (Engineering)	Nathaniel Liam Lazorchak (Engineering) Ken Yoshida (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1236 presented 7/30 @ 12:00-1:00pm	Allison Clark† (Science)	Sergio Munoz-Gomez (Science) Varun Aggarwal (Engineering)
Poster #1238 presented 7/30 @ 12:00-1:00pm	Sylvia Isabella Diaz† (Engineering) Sarah E Mollan‡ (Engineering)	Sarah Gustafson Wagers (Engineering) Rajamani P Gounder (Engineering) Bereket Tassew Bekele (Engineering)
Poster #1239 presented 7/30 @ 12:00-1:00pm	Abhigyan Doshi† (Engineering)	Pranshu Maan (Engineering) Alexander V Kildishev (Engineering)
Poster #1240 presented 7/30 @ 12:00-1:00pm	Pavle Duric† (Engineering Polytechnic) Spencer Michael Beane* (Engineering) Keri Lyn Christman* (PWL)	Fabio Andres Castiblanco Rubio (Engineering) Yaguang Zhang (Agriculture) Andrew Balmos (Engineering) James V Krogmeier (Engineering)
Poster #1241 presented 7/30 @ 12:00-1:00pm	Emma Foster† (Engineering Science)	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Leopold Noel Green (Engineering) David Matthew Czerwonky (Engineering)
Poster #1242 presented 7/30 @ 12:00-1:00pm	Akshith Garapati† (Engineering)	Dharmendra Saraswat (Agriculture Engineering) David Iseri Inouye (Engineering) Rajiv Ranjan (Agriculture Engineering) Emily R Jakob (Engineering)
Poster #1243 presented 7/30 @ 12:00-1:00pm	Juan Garcia† (Engineering)	Hector Gomez Diaz (Engineering) Mahmoud Golestanian (Engineering) Lin Tan (Science) Jorge Enrique Neira Garcia (Engineering)
Poster #1244 presented 7/30 @ 12:00-1:00pm	Gabriela Garcia Cardenas† (Science)	Dylan Kenji Wainwright (Agriculture Science) Matthew Kaboolian (Engineering) Hana Noell Larkins (Science) Kendra A Erk (Engineering) Jorge Enrique Neira Garcia (Engineering)

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

Presentation	Students	Mentors
Poster #1245 presented 7/30 @ 12:00-1:00pm	Medhansh Garg† (Science)	Danny Milisavljevic (Science) Danielle Dickinson (Science) Varun Aggarwal (Engineering)
Poster #1246 presented 7/30 @ 12:00-1:00pm	Elijah Goodman† (Rochester Institute of Technology)	Dan Jiao (Engineering) Hongyang Liu (Engineering) David Matthew Czerwony (Engineering)
Poster #1247 presented 7/30 @ 12:00-1:00pm	Arsh Gupta† (Science) Connor Siurek† (Science)	Daniel G Aliaga (Science) Eric Samperton (Science) Varun Aggarwal (Engineering)
Poster #1248 presented 7/30 @ 12:00-1:00pm	Caleb Carr Hamilton† (Engineering)	Yue Meng (Engineering) David Matthew Czerwony (Engineering)
Poster #1249 presented 7/30 @ 12:00-1:00pm	Ananya Hegde† (Engineering)	Xiaoping Bao (Engineering) Jingqiao Shen (Engineering) Varun Aggarwal (Engineering)
Poster #1250 presented 7/30 @ 12:00-1:00pm	Valeria Raquel Hernandez Barboza† (Science)	Michael R Gribkov (Science) Jorge Enrique Neira Garcia (Engineering)
Poster #1251 presented 7/30 @ 12:00-1:00pm	Ana Maria Hernandez Conde† (Engineering)	Joaquin Goñi (Engineering) Jorge Enrique Neira Garcia (Engineering) Daniel Guerrero (Engineering) Mahdi Moghaddam (Engineering)
Poster #1252 presented 7/30 @ 12:00-1:00pm	Kenli Hetrick† (HHS) Pia Kapur‡ (Centers & Institutes)	Matthew Louis Scarpelli (HHS) MacKenzie Coon-Haworth (HHS) Monish Mahesh Lokhande (Engineering)
Poster #1253 presented 7/30 @ 12:00-1:00pm	Habin Jang† (Agriculture Engineering) Maxwell J Gootee‡ (HHS Liberal Arts JMHC)	Arezo Ardekani (Engineering) Elham Saberian (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1254 presented 7/30 @ 12:00-1:00pm	Mia Alexandra Jensen† (Engineering)	Jinyang Du (Engineering) Luis Solorio (Engineering) Lipi Roy (Engineering)
Poster #1255 presented 7/30 @ 12:00-1:00pm	Julia Kang† (Engineering Science) Julian Vuong‡ (Engineering) Ojas Chaturvedi‡ (Science JMHC)	Shubh Parag Mehta (Engineering) Craig Goergen (Engineering) Benjamin Landis (Indiana University)
Poster #1256 presented 7/30 @ 12:00-1:00pm	Pataraphol Keeraswangporn† (Engineering)	Fabio Andres Castiblanco Rubio (Engineering) Yaguang Zhang (Agriculture) James V Krogmeier (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1257 presented 7/30 @ 12:00-1:00pm	Rohan Kelkar† (Engineering) Hongsen Fang‡ (Engineering)	Dianyun Zhang (Engineering) Yao Sun (Engineering) Nuela Enebechi (Engineering)
Poster #1258 presented 7/30 @ 12:00-1:00pm	Kai X Keller† (Engineering) Jamie Chanadol Henson† (Engineering) Nhuan Boi Duong‡ Haoyu Zhang‡ (Engineering)	Yooseung Choi (Engineering) Ran Dai (Engineering)
Poster #1259 presented 7/30 @ 12:00-1:00pm	Emma M Kindwall† (Engineering)	Nissa Larson (Engineering) Linlin Li (Engineering) David M Umulis (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1260 presented 7/30 @ 12:00-1:00pm	Joseph Timothy Kritenbrink† (Engineering)	Alex Santiago-Vargas (Engineering) Dimitrios Peroulis (PWL) Jia Lin Cheoh (Engineering)
Poster #1261 presented 7/30 @ 12:00-1:00pm	Caleb Eunho Lee† (Science)	Hector Gomez Diaz (Engineering) Mahmoud Golestanian (Engineering) Jing Gao (Engineering) Monish Mahesh Lokhande (Engineering)

Presentation	Students	Mentors
Poster #1262 presented 7/30 @ 12:00-1:00pm	Yoon gi Lee† (Engineering)	Juan Carlos Verduzco Gastelum (Centers & Institutes) Alejandro H Strachan (Engineering) David Matthew Czerwonky (Engineering)
Poster #1263 presented 7/30 @ 12:00-1:00pm	Anastasia Patricia Lesniewski† (Liberal Arts Science) Connor Siurek* (Science)	Laura J Pyrak-Nolte (Science) Alexandra Blair Clark (Science) David Matthew Czerwonky (Engineering)
Poster #1264 presented 7/30 @ 12:00-1:00pm	Guanting Li† (Science)	Leyu Liu (Science) Zhenhua Zeng (Science) Monish Mahesh Lokhande (Engineering)
Poster #1265 presented 7/30 @ 12:00-1:00pm	Ailuen Liu† (Science)	Mina Carpenter (Science) Christopher H Uyeda (Science) David Matthew Czerwonky (Engineering)
Poster #1267 presented 7/30 @ 12:00-1:00pm	Ryan Y Manley† (Engineering)	Vladimir M Shalaev (Engineering) Alexandra Boltasseva (Engineering) Arnab Banerjee (Science) Abhishek Bharatbhai Solanki (Engineering) Andres Eduardo Llacsahuanga Allcca (Science) Mohan Bikram Neupane (Science) Karthik Pagadala (Engineering) Jia Lin Cheoh (Engineering)
Poster #1268 presented 7/30 @ 12:00-1:00pm	Dominic Nathaniel Muniz† (Engineering) Ana Clara de Medeiros Morais‡ (Engineering)	Laura Helen Blumenschein (Engineering) Priyanka Balkrishna Bhovad (Engineering) Ethan Michael DeVries (Engineering) Jack Rearden Ferlazzo (Engineering) Nuela Enebechi (Engineering)
Poster #1269 presented 7/30 @ 12:00-1:00pm	Abhishek Manoj Nair† (Engineering Libraries)	Kosuke Ando (Engineering) Satyaroop Patnaik (Engineering) Nikhilesh Chawla (Engineering) Lipi Roy (Engineering)
Poster #1270 presented 7/30 @ 12:00-1:00pm	Nathan Nguyen† (Engineering Science)	Arezoo Ardekani (Engineering) Prasheel Shivanand Nakate (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1271 presented 7/30 @ 12:00-1:00pm	Rebecca Rose Phelan† (Engineering) Nasser H Sanwari* (Engineering Science)	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1272 presented 7/30 @ 12:00-1:00pm	Caleb Jonathan Radtke† (Engineering) Alex Perry† (Engineering)	Matthew Leight (Engineering) Varun Aggarwal (Engineering) Adam Carson Lay (Engineering) Abigayle Elaine Moser (Engineering) Brandon C Chynoweth (Engineering) Joseph S Jewell (Engineering) Zachary Allen McDaniel (Engineering) Siddharth Bhatnagar (Engineering) Chandler J Moy (Engineering)
Poster #1273 presented 7/30 @ 12:00-1:00pm	Rushil Ramchand† (Engineering)	Zheyuan Zhang (Engineering) Muhammad ibtsaam Qadir (Engineering) Fiona Kolbinger (Engineering)
Poster #1274 presented 7/30 @ 12:00-1:00pm	Amrita Rani Raparti† (Engineering)	Deva Chan (Engineering) Ryan Michael Meister (Engineering) Varun Aggarwal (Engineering)
Poster #1275 presented 7/30 @ 12:00-1:00pm	Andrea Rocha Barajas† (Engineering)	Dhiya eddine Belkadi (Engineering) Muhammad Mustafa Hussain (Engineering) Min Sung Kim (Engineering) Yusuf Kolawole Adebakin (Engineering) Jorge Enrique Neira Garcia (Engineering)

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

Presentation	Students	Mentors
Poster #1276 presented 7/30 @ 12:00-1:00pm	Shreeya Roy† (Engineering)	Donghoon Lee (Engineering) Karin F K Ejendal (Engineering) Tamara L Kinzer-Ursem (Engineering) Nuela Enebechi (Engineering)
Poster #1277 presented 7/30 @ 12:00-1:00pm	Hiya Samanta† (Science) Anushka Bhav† (Polytechnic)	Anastasia Kouvaras Ostrowski (Polytechnic) Caue Sciascia Borlina (Science) Ali Bramson (Science) Nuela Enebechi (Engineering)
Poster #1278 presented 7/30 @ 12:00-1:00pm	Fang Rui Shen† (Science)	Ali Mashhadian (Engineering) Arezo Ardekani (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1279 presented 7/30 @ 12:00-1:00pm	Connor Siurek† (Science) Arsh Gupta† (Science)	Daniel G Aliaga (Science) Eric Samperton (Science) Varun Aggarwal (Engineering)
Poster #1280 presented 7/30 @ 12:00-1:00pm	Yuwen Song† (Engineering)	Christina W Li (Science) Mah Gull (Science)
Poster #1281 presented 7/30 @ 12:00-1:00pm	Colleen Ryan Squier† (Agriculture) Stephanie Tirado Rojas* (Agriculture)	Stephen Craig Mills (Agriculture) Christopher G Oakley (Agriculture) Nuela Enebechi (Engineering) Emily Nicole Lancaster (Agriculture) Juan Diego Rojas Gutierrez (Agriculture) Denise L Caldwell (Agriculture) Ian Rimer (Agriculture) Lucille Esther Karakas (Agriculture)
Poster #1282 presented 7/30 @ 12:00-1:00pm	Vincent Stavig† (Science)	Erica Carlson (Science) Matthew Davis Golden (Science) Po-Yu Chen (Science) Monish Mahesh Lokhande (Engineering)
Poster #1283 presented 7/30 @ 12:00-1:00pm	Christopher Robert Stemporzewski† (Engineering)	Alexey Shashurin (Engineering)
Poster #1284 presented 7/30 @ 12:00-1:00pm	Raveena Venkateshwaran† (Science) Owen Joseph Jungblut† (Engineering) Sriyesh Senthil† (Science)	Daniel Suter (Science) Jorge Emanuel Hernandez Dominguez (Science) Emily R Jakob (Engineering)
Poster #1285 presented 7/30 @ 12:00-1:00pm	Henan Wang† (Engineering)	Zeshu Wang (Engineering) Haitong Li (Engineering) David Matthew Czerwony (Engineering)
Poster #1286 presented 7/30 @ 12:00-1:00pm	Alissa Weigand† (Pharmacy)	Tonglei Li (Pharmacy) Koushiki Basu (Pharmacy) Monish Mahesh Lokhande (Engineering)
Poster #1287 presented 7/30 @ 12:00-1:00pm	Katie Wilkinson†	Colton Dean Willhardt (Engineering) Daniel Robert Guildenbecher (Engineering) Varun Aggarwal (Engineering)
Poster #1288 presented 7/30 @ 12:00-1:00pm	Lorelei B Xia† (Pharmacy)	Jinho Jang (Pharmacy) Danzhou Yang (Pharmacy) Jia Lin Cheoh (Engineering)
Poster #1289 presented 7/30 @ 12:00-1:00pm	Zihan O Zeng† (Engineering JMHC)	Yuelin Deng (Polytechnic) Upinder Kaur (Agriculture Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1290 presented 7/30 @ 12:00-1:00pm	Francine Yu He Zhang† (Engineering)	Nicole Elizabeth Mertens (Engineering) Tuba Marjan (Engineering) Taimoor Hasan Qazi (Engineering)
Poster #1291 presented 7/30 @ 12:00-1:00pm	Louis Vincent Buonaiuto† (Engineering)	Andrew Owen Fewell (Engineering) Peter Bermel (Engineering) CJ Holdeman (Engineering)

Presentation	Students	Mentors
Poster #1292 presented 7/30 @ 12:00-1:00pm	Elisa Chen† (Science JMHC) Grace Ann Kowis‡ (HHS Liberal Arts)	Linda Nie (HHS) Ellen M Wells (HHS) Carolina Gonzalez Canas (HHS) Justin Farmer (Rush University Medical Center) CJ Holdeman (Engineering)
Poster #1293 presented 7/30 @ 12:00-1:00pm	William Eunseok Jo†	Shubhra Bansal (Engineering) Haohan Guo (Engineering) CJ Holdeman (Engineering)
Poster #1294 presented 7/30 @ 12:00-1:00pm	Keegan M Kita† (Science)	Alexander Gregory Sinelli (Engineering) Allen L Garner (Engineering) CJ Holdeman (Engineering)
Poster #1295 presented 7/30 @ 12:00-1:00pm	Aryan Rauniyar† (Engineering) Agustin Abt† (Engineering)	Ethan Wayne Holbrook (Engineering) Alejandro H Strachan (Engineering) CJ Holdeman (Engineering) Rushik Desai (Engineering) Baptiste Tongasoa Martin (Engineering)
Poster #1296 presented 7/30 @ 12:00-1:00pm	Luke Alexander Trahin† (Engineering) Samuel Christian Olenick* (Engineering)	Allen L Garner (Engineering) Alexander Gregory Sinelli (Engineering) CJ Holdeman (Engineering) Brodie Ames (Engineering) Cameron James Buerke (Engineering)
Poster #1305 presented 7/30 @ 12:00-1:00pm	Basil Alojant† (Engineering)	Amanda P Siegel (Engineering) Andres Tovar (PWL) Andrew Nuetzel (Perry Township Schools)
Poster #1306 presented 7/30 @ 12:00-1:00pm	Saishri Bagde† (Engineering) Muhammad Mahdi Marzan‡ Geetika Chitturi‡ (Engineering JMHC)	Alexandra Boltasseva (Engineering) Miroslava Marinova Marinova (Engineering) Kyu Ri Choi (Engineering) Jae Ik Choi (Engineering)
Poster #1310 presented 7/30 @ 12:00-1:00pm	Ahmed Khan† (Engineering)	Hyewon Seo (Engineering) Behzad Esmaeili (Engineering)
Poster #1313 presented 7/30 @ 12:00-1:00pm	Andrew Yicheng Li† (Engineering)	Andres Tovar (PWL) Amanda P Siegel (Engineering)
Poster #1315 presented 7/30 @ 12:00-1:00pm	Milagros Melhem Bertagni† (PWL)	Andres Tovar (PWL) Amanda P Siegel (Engineering) Ken Yoshida (Engineering)
Poster #1320 presented 7/30 @ 12:00-1:00pm	Alvan Ramee† (Engineering)	Md Ashiqur Rahman (Engineering) David Warsinger (Engineering)
Poster #1325 presented 7/30 @ 12:00-1:00pm	Jacob Junjie Zhang†	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1400 presented 7/30 @ 1:30-2:30pm	Noah Daniel Brooks† (Agriculture Engineering JMHC)	Tian Li (Engineering)
Poster #1401 presented 7/30 @ 1:30-2:30pm	Kayla A Fischer† (Centers & Institutes) Eesha Khalid Faruqi† (HHS) Julian Vuong‡ (Engineering)	Meera Pancholi Doran (Engineering) Craig Goergen (Engineering) Cortland Hannah Johns (Engineering) Shubh Parag Mehta (Engineering)
Poster #1403 presented 7/30 @ 1:30-2:30pm	Prisha Marpu† (Centers & Institutes)	Nan Kong (Engineering) Yingjie Chen (Polytechnic) Haopeng Zhou (Engineering)
Poster #1404 presented 7/30 @ 1:30-2:30pm	Amanda Nesbitt† (Centers & Institutes)	chongli Yuan (Engineering) Xihui Zhao (Engineering)

Presentation	Students	Mentors
Poster #1405 presented 7/30 @ 1:30-2:30pm	Paridhi Agarwal† (Engineering) Akshith Garapati* (Engineering)	Martin R Okos (Agriculture Engineering) Dharmendra Saraswat (Agriculture Engineering) Daniel N Hauersperger (Agriculture) Emily R Jakob (Engineering)
Poster #1406 presented 7/30 @ 1:30-2:30pm	Zoe Amerman† (Engineering)	Guang Lin (Engineering Science) Jia Lin Cheoh (Engineering) Junyi Wu (Science)
Poster #1407 presented 7/30 @ 1:30-2:30pm	Ruhaan Batta† (Engineering Polytechnic)	Junyuan Lu (Engineering) Jingang Li (Engineering) Nuela Enebechi (Engineering)
Poster #1408 presented 7/30 @ 1:30-2:30pm	Helen Sophia Brzozowski† (Engineering) Emily Danielle Kushner* (Engineering)	Kenneth H Sandhage (Engineering) Joseph Flanagan (Engineering) Kevin P Trumble (Engineering) Jihoon Park (Engineering) Sudipta Mondal (Engineering) Varun Aggarwal (Engineering)
Poster #1409 presented 7/30 @ 1:30-2:30pm	Nicolas Bustamante† (Engineering)	Li Qiao (Engineering) Samarpan Farmer (Engineering) Jia Lin Cheoh (Engineering)
Poster #1410 presented 7/30 @ 1:30-2:30pm	Eeshwar Ram Chalasani† (Engineering)	Linlin Li (Engineering) David M Umulis (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1411 presented 7/30 @ 1:30-2:30pm	Anna S Chambers† (Engineering)	Sarah Gustafson Wagers (Engineering) Rajamani P Gounder (Engineering) Roger Saunders (PWL) Waire Olawolu (Engineering)
Poster #1412 presented 7/30 @ 1:30-2:30pm	Mihir S Chauhan† (Science) Aarav Jain‡ Addison Francis Zucek‡ (Science) Manmeet Singh Dang‡ (Science)	Aniket Bera (Science) Monish Mahesh Lokhande (Engineering)
Poster #1413 presented 7/30 @ 1:30-2:30pm	Andrew Thomas Choung† (Engineering) Jacob Lee Prior* (Engineering)	Amy R Reibman (Engineering) Jia Lin Cheoh (Engineering)
Poster #1414 presented 7/30 @ 1:30-2:30pm	John G Christian† (Engineering)	Ashwin Ramachandran (Engineering) Raghav Ram (Engineering) Shubhonil Sarkar (Engineering) Jia Lin Cheoh (Engineering)
Poster #1415 presented 7/30 @ 1:30-2:30pm	Wen Xun Chua† (Science)	Shaista ijaz Khan (Science) Zhenhua Zeng (Science) Yilin Lu (Science) Leyu Liu (Science) Lipi Roy (Engineering)
Poster #1416 presented 7/30 @ 1:30-2:30pm	Abigail R Deaton† (Science JMHC)	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Lipi Roy (Engineering)
Poster #1417 presented 7/30 @ 1:30-2:30pm	Renee Duan† (Engineering)	Andrew James Simonson (Engineering) Collin Michael Queen (Engineering) David Hibbitts (Engineering) Waire Olawolu (Engineering)
Poster #1418 presented 7/30 @ 1:30-2:30pm	Rohan Joseph Eapen† (Pharmacy)	Sandro Matosevic (Pharmacy) Tyler Parker Fritsch (Pharmacy) Zachary Ashton Chu Leung (Pharmacy) Soumyajit Das (Pharmacy) Monish Mahesh Lokhande (Engineering)

Presentation	Students	Mentors
Poster #1419 presented 7/30 @ 1:30-2:30pm	Ava Fuchst (Engineering) Isabelle Anne Hunt‡ (Engineering) Jennifer Marie Bowles‡ (Engineering) Sachenka Katrina Angel Aranguena‡ (Engineering)	Joseph Wallace (Engineering) Olivia Nicole White (Engineering) Dyann Marie Segvich (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1421 presented 7/30 @ 1:30-2:30pm	Diego Alejandro Hernandez Acosta† (Engineering)	Vitaliy L Rayz (Engineering) Farshid Goudarzian (Engineering) Grace Elizabeth Palahnuk (Engineering) Defne Ekici (Engineering) Kostiantyn Kondratiuk (Engineering) Emily R Jakob (Engineering)
Poster #1422 presented 7/30 @ 1:30-2:30pm	Rinat Ilyussizov† (Science)	Ben K D Pearce (Science) Ishaan Madan (Science) Monish Mahesh Lokhande (Engineering)
Poster #1423 presented 7/30 @ 1:30-2:30pm	Juyeon Im† (Science) Yunsuk Lee‡ (HHS) Tara Ruslen Blanc‡ (Science)	Losha Dasol Jung (Science) David Matthew Czerwony (Engineering) Neel Tushar Parekh (Science) Nithin Raj Senthil Raj (Science)
Poster #1424 presented 7/30 @ 1:30-2:30pm	Leonardo Isaac de Medeiros† (Engineering)	Luis Sanjuan (Engineering) Luis Solorio (Engineering) Lipi Roy (Engineering)
Poster #1425 presented 7/30 @ 1:30-2:30pm	Delfina B Jackson† (Engineering)	Arezo Ardekani (Engineering) Elham Saberian (Engineering) David Perez Herrera (Science) Rizwan Ullah (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1426 presented 7/30 @ 1:30-2:30pm	Dev Vishwash Joshi† (Engineering)	Waqas Alam (Engineering) David Warsinger (Engineering) David Matthew Czerwony (Engineering)
Poster #1427 presented 7/30 @ 1:30-2:30pm	Pradyunn Vikram Kale† (Engineering)	Micah Kurt Condie (Engineering) James Michael Goppert (Engineering) Emily R Jakob (Engineering)
Poster #1428 presented 7/30 @ 1:30-2:30pm	Abel Paul Sholey Kallely† (Engineering)	Aaron B Morris (Engineering) Timmy Ngo (Engineering) Carl R Wassgren (Engineering) David Matthew Czerwony (Engineering)
Poster #1429 presented 7/30 @ 1:30-2:30pm	Adam Lewis Kipp† (Engineering)	Kevin J Webb (Engineering) Hatim Bamoumen (Engineering) Farhan Ishraque Zahin (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1430 presented 7/30 @ 1:30-2:30pm	Hrshikesh Murli Krishna† (HHS Science)	Jane Ann Mondul (HHS) Nuela Enebechi (Engineering)
Poster #1431 presented 7/30 @ 1:30-2:30pm	Yuet Ching Jolie Lai† (Engineering Science) Gilbert Chang‡ (Engineering Science) Zihan Lin‡ (Science) Andrew Li Niu‡ (Science)	Zachary Kalen Kingston (Science) Nuela Enebechi (Engineering)
Poster #1432 presented 7/30 @ 1:30-2:30pm	Hao-Chen Li† (Engineering)	Haitham Kanakri (Engineering) Maher E Rizkalla (PWL) Andres Catalino Castillo Jimenez (Engineering)
Poster #1433 presented 7/30 @ 1:30-2:30pm	Leland Li† (Engineering)	Can Li (Engineering) PIYUSH SHARMA (Engineering) Quinn Huckaba (Engineering) Waire Olawolu (Engineering)
Poster #1434 presented 7/30 @ 1:30-2:30pm	Khanh Mai† (Science)	Ahream Lee (Science) Divyansh Rathore (Science) Monish Mahesh Lokhande (Engineering)

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

Presentation	Students	Mentors
Poster #1436 presented 7/30 @ 1:30-2:30pm	Vedha Masuraha [†] (Engineering Liberal Arts)	Babak Anasori (Engineering) Muhammad Sharif Uddin (Engineering) Krutarth Kiran Kamath (Engineering) Varun Aggarwal (Engineering)
Poster #1438 presented 7/30 @ 1:30-2:30pm	Sahda Mohammadu Haroon [†] (Engineering) Isaac Parks* (Engineering) Tejas Pandit* Princess Gloria Onyinyechi Okoli* (Engineering)	Xavier I Morgan-Lange (Engineering) David Warsinger (Engineering) David Matthew Czerwonky (Engineering)
Poster #1439 presented 7/30 @ 1:30-2:30pm	Lucas Munoz [†] (Polytechnic)	Walter Daniel Leon-Salas (Polytechnic) Emily R Jakob (Engineering)
Poster #1440 presented 7/30 @ 1:30-2:30pm	Saran S Nagubandi [†] (Science) Aiden Moy [‡] (Science)	Jason Wu (Science) Nuela Enebechi (Engineering)
Poster #1441 presented 7/30 @ 1:30-2:30pm	Ishan Gopu Nair [†] (Engineering) Mudit Pandey* (Engineering) Harishramani Venkatasubramanian* (Engineering) Md Sadat Aarik* (Engineering) Govind Sriram Lanka* (Engineering) Ron Cheng Xuan Chay* (Science)	Md Ashiqur Rahman (Engineering) David Warsinger (Engineering) David Matthew Czerwonky (Engineering)
Poster #1442 presented 7/30 @ 1:30-2:30pm	Malavika Nair [†] (Engineering)	Tejas Ravindra Kulkarni (Engineering) Sadha Sivam Murugesan (Engineering) Xiaoyue Zhang (Engineering) Ganesh Subbarayan (Engineering) Jia Lin Cheoh (Engineering)
Poster #1443 presented 7/30 @ 1:30-2:30pm	Khoa Duc Khoa Nguyen [†]	Yu She (Engineering) Zhengtong Xu (Engineering)
Poster #1445 presented 7/30 @ 1:30-2:30pm	Zoe Noznesky [†] (Science)	Brandon Delos Parker (Science) Michael Earl Reppert (Science) Lipi Roy (Engineering)
Poster #1446 presented 7/30 @ 1:30-2:30pm	Evelynn Marie Papez [†] (Engineering JMHC)	Elizabeth Tarami Su (Engineering) Kevin John Otto (Engineering) Emily R Jakob (Engineering)
Poster #1447 presented 7/30 @ 1:30-2:30pm	Isaac Parks [†] (Engineering) Sahda Mohammadu Haroon* (Engineering) Princess Gloria Onyinyechi Okoli* (Engineering) Tejas Pandit*	Xavier I Morgan-Lange (Engineering) David Warsinger (Engineering) Clark Lay (Engineering)
Poster #1448 presented 7/30 @ 1:30-2:30pm	Kavyaa Parmar [†] (Engineering Science) Atiksh Bhattacharya [†] (Science)	Shilo Xia (Science)
Poster #1449 presented 7/30 @ 1:30-2:30pm	Truman Carl Parrish [†] (Science) Ananya Molugu [†] (Science)	Andy Jung (Science) Ace Rounds (Science) Jia Lin Cheoh (Engineering)
Poster #1450 presented 7/30 @ 1:30-2:30pm	Daniel J V Pike [†] (Engineering) Sai Kasturi Kamila* (Engineering JMHC)	Zherui Martinez-Guo (Engineering) Adithya Kolisetty (Engineering) Varun Aggarwal (Engineering)
Poster #1451 presented 7/30 @ 1:30-2:30pm	Jacob Lee Prior [†] (Engineering) Andrew Thomas Choung* (Engineering)	Amy R Reibman (Engineering) Lipi Roy (Engineering) Haochuan Hu (Engineering)
Poster #1452 presented 7/30 @ 1:30-2:30pm	Reyam Roumeih [†] (Engineering)	Reem Khir (Engineering) Denver John Lobo (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1453 presented 7/30 @ 1:30-2:30pm	William James Rowe [†] (Engineering)	Yuto Tanaka (Engineering) Nuela Enebechi (Engineering)

Presentation	Students	Mentors
Poster #1454 presented 7/30 @ 1:30-2:30pm	Chris Schoenherr† (Polytechnic)	Kaitlyn Amber Kondos (Engineering) Amit Varma (Engineering) Shivam Sharma (Engineering) Emily R Jakob (Engineering)
Poster #1455 presented 7/30 @ 1:30-2:30pm	Leonel Baskin Sesuraj Baskin† (Science)	Matthew Thomas Tegtmeyer (Science) Lipi Roy (Engineering)
Poster #1456 presented 7/30 @ 1:30-2:30pm	Ziqi Shen† (Engineering)	Anubhav Dey (Engineering) Ilias Bilonis (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1457 presented 7/30 @ 1:30-2:30pm	Leonor Antunes Sinogas† (Science)	Shulan Xiao (Engineering) Linlin Li (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1458 presented 7/30 @ 1:30-2:30pm	Peter Robertson Skrdla† (Engineering) Joseph Timothy Kritenbrink* (Engineering)	Alex Santiago-Vargas (Engineering) Dimitrios Peroulis (PWL) Jia Lin Cheoh (Engineering)
Poster #1459 presented 7/30 @ 1:30-2:30pm	Aditya Srinivasan† (Science)	Shuaiqing Zhang (Science) Yihang Zeng (Science) Varun Aggarwal (Engineering) Nemanja Ninkovic (Science)
Poster #1460 presented 7/30 @ 1:30-2:30pm	Kaylani Le'mae Tomlin† (Engineering)	Sarah Gustafson Wagers (Engineering) Rajamani P Gounder (Engineering) Waire Olawolu (Engineering)
Poster #1461 presented 7/30 @ 1:30-2:30pm	Gabriel Torres† (Engineering)	Saru Bharti (Agriculture) Upinder Kaur (Agriculture Engineering) Varun Aggarwal (Engineering) Ian Noronha (Agriculture)
Poster #1462 presented 7/30 @ 1:30-2:30pm	Sreeram Vengalloor Madhavan† (Science)	Niranjana Hirisave Shivaram (Science) Russell Lee Zimmerman (Science) Shashank Kumar (Science) Md Ehsanuzzaman (Science) Lipi Roy (Engineering)
Poster #1463 presented 7/30 @ 1:30-2:30pm	Clayton Walden† (Science)	Qixin He (Science) Bianca Shaunessy Broyles (PWL) Nuela Enebechi (Engineering)
Poster #1464 presented 7/30 @ 1:30-2:30pm	Serena Yuanyuan Wei† (Engineering Science)	Jaewon Park (Engineering) Justin Weibel (Engineering) Jia Lin Cheoh (Engineering)
Poster #1465 presented 7/30 @ 1:30-2:30pm	Sophie J Wilcox† (Pharmacy)	Christina Marie Boody (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1466 presented 7/30 @ 1:30-2:30pm	Ty Richard Yaguchi† (Engineering)	Hosop Shin (PWL) Mahmudul Hoq (Engineering)
Poster #1467 presented 7/30 @ 1:30-2:30pm	Eric Y Yang† (Engineering) Bingrui Luke Wang* (Engineering)	chongli Yuan (Engineering) Xihui Zhao (Engineering) Junkai Xie (Engineering) David Matthew Czerwonky (Engineering)
Poster #1468 presented 7/30 @ 1:30-2:30pm	Eloise Zambrano† (Science)	Elizabeth I Parkinson (Pharmacy Science) Carson Bailey Roberts (Science) Varun Aggarwal (Engineering)
Poster #1469 presented 7/30 @ 1:30-2:30pm	Caleb Enos Zhang† (Engineering JMHC) Sarthak Tandon‡ (Engineering)	Alexander V Kildishev (Engineering) Pranshu Maan (Engineering)
Poster #1470 presented 7/30 @ 1:30-2:30pm	Sana Azat† (Science)	Austin Jacob Pronk (Science) Emily R Jakob (Engineering)

Presentation	Students	Mentors
Poster #1471 presented 7/30 @ 1:30-2:30pm	Owen Chen† (Engineering) James Arthur Spezzano* (Engineering) Sean Ross Klein* (Engineering Libraries) Brandon Anthony Farber* (Engineering)	Peter Bermel (Engineering)
Poster #1472 presented 7/30 @ 1:30-2:30pm	Nathan Grant Clark† (Engineering) Junyi Xiu* (Vanderbilt University) Olyver Fierro* (Engineering) Eileen Koh* (Engineering)	Shauna Nicole Adams (Engineering) Kerrie Douglas (Engineering) Jill Anne Folkerts (Engineering) CJ Holdeman (Engineering) Gabiella Coloyan Fleming (Purdue University)
Poster #1473 presented 7/30 @ 1:30-2:30pm	John W Fabian†	Majid Khorsandi (HHS) Linda Nie (HHS) CJ Holdeman (Engineering)
Poster #1474 presented 7/30 @ 1:30-2:30pm	Olyver Fierro† (Engineering) Eileen Koh‡ (Engineering) Junyi Xiu* (Vanderbilt University) Nathan Grant Clark* (Engineering)	Shauna Nicole Adams (Engineering) Kerrie Douglas (Engineering) Jill Anne Folkerts (Engineering) CJ Holdeman (Engineering) Gabiella Coloyan Fleming (Purdue University)
Poster #1475 presented 7/30 @ 1:30-2:30pm	Richard Zhixiong Li† (Engineering)	Yingru Song (Engineering) Jungmin Lee (Engineering) Amy M Marconnet (Engineering) CJ Holdeman (Engineering)
Poster #1476 presented 7/30 @ 1:30-2:30pm	Nadine Yifei Poon† (Engineering)	Matthew M Niichel (Engineering) Stylianios Chatzidakis (Engineering) Peter Bermel (Engineering)
Poster #1477 presented 7/30 @ 1:30-2:30pm	Nikhil K Ramant†	Fariha Haq (Engineering) Marisol Koslowski (Engineering) CJ Holdeman (Engineering)
Poster #1478 presented 7/30 @ 1:30-2:30pm	Junyi Xiu† (Vanderbilt University) Olyver Fierro* (Engineering) Nathan Grant Clark* (Engineering) Eileen Koh* (Engineering)	Shauna Nicole Adams (Engineering) Kerrie Douglas (Engineering) Jill Anne Folkerts (Engineering) CJ Holdeman (Engineering) Gabiella Coloyan Fleming (Purdue University)
Poster #1479 presented 7/30 @ 1:30-2:30pm	Harol Esteban Botero Soto† (Engineering)	Satish Kumar Adari (Engineering) Rodrigo Salgado (Engineering) Monica Prezzi (Engineering)
Poster #1481 presented 7/30 @ 1:30-2:30pm	Maria Alejandra Saavedra Mogotocoro† (PWL) Ian Edward Bowley‡ (Engineering)	Michael Titus (Engineering)
Poster #1482 presented 7/30 @ 1:30-2:30pm	Abigail Catherine Alexander† (Vet Med)	Marxa Figueiredo (Vet Med) Gabriel Steven Harris (Vet Med) Kurt Ristroph (Agriculture Engineering) Herman O Sintim (Science)
Poster #1483 presented 7/30 @ 1:30-2:30pm	Kaya Aypek† (Engineering) Adam Zhang‡ (Science)	Sabine Brunswicker (Polytechnic)
Poster #1484 presented 7/30 @ 1:30-2:30pm	Gabrielle Marie Barrido† (PWL)	Marxa Figueiredo (Vet Med) Gabriel Steven Harris (Vet Med) Kurt Ristroph (Agriculture Engineering)
Poster #1486 presented 7/30 @ 1:30-2:30pm	Akshita Bhavanishankar† (Engineering)	Grace Ulmer (Engineering) Marcelo Invitti (Whirlpool)
Poster #1500 presented 7/30 @ 1:30-2:30pm	Aditya H Joshi† (Engineering) Brayden Kauffmann* (Science)	Tiancong Zhu (Science) Daniel Johannes Jung (Science)
Poster #1501 presented 7/30 @ 1:30-2:30pm	Sai Kasturi Kamila† (Engineering JMHC) Melody Christine Yang† (Engineering) Daniel J V Pike* (Engineering)	Zherui Martinez-Guo (Engineering) Adithya Kolisetty (Engineering) Tyler Dillard (Engineering)
Poster #1504 presented 7/30 @ 1:30-2:30pm	Belinda Xintian Li† (University of Illinois)	Daniel S Elliott (Engineering Science) Diego Esteban Garcia (Engineering)

Presentation	Students	Mentors
Poster #1506 presented 7/30 @ 1:30-2:30pm	Aditi Magesh† (Engineering JMHC)	Laia Vancells Lopez (Engineering) Nan Kong (Engineering)
Poster #1513 presented 7/30 @ 1:30-2:30pm	Muneera Shoaib Rasheed† (Engineering) Korphiena Kimona Stephen‡ (Engineering)	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1514 presented 7/30 @ 1:30-2:30pm	Amanda Rodriguez-Gonzalez† (Engineering) Keeley Vonne Farmer* (Science) Ali Jo Crouse* (Science)	Mobina Masdari (Science) Jeffrey Edward Dick (Science) Dane Christophe Wagner (Science) Uttam Pal (Science)
Poster #1516 presented 7/30 @ 1:30-2:30pm	Muhammad F Shaaban† (Engineering)	Joseph Gerard Makin (Engineering)
Poster #1518 presented 7/30 @ 1:30-2:30pm	Maia Stef-Praunt† (Engineering)	Lia A Stanciu-Gregory (Engineering) Zhijian Wang (Engineering) Amit Kumar Barui (Engineering) Majid Kazemian (Agriculture Science) Matthew Olson (Science) Rahim Rahimi (Engineering) Devendra Nikhil Sarnaik (Engineering)
Poster #1519 presented 7/30 @ 1:30-2:30pm	Korphiena Kimona Stephen† (Engineering) Muneera Shoaib Rasheed‡ (Engineering)	Shaiv Mehra (Engineering) Bradley S Duerstock (Engineering)
Poster #1520 presented 7/30 @ 1:30-2:30pm	Devikaa Prashant Thakker† (Engineering)	Douglas R Schmitt (Science)
Poster #1522 presented 7/30 @ 1:30-2:30pm	Tomas Vargas-Bernal† (Engineering JMHC)	Pablo D Zavattieri (Engineering) Marie Kate Palau Andrade (Engineering)
Poster #1524 presented 7/30 @ 1:30-2:30pm	Jennifer Hyerin Yang† (Pharmacy)	Robyn Krystal De Dios (Science) Stephanie M Gardner (Science) Emily R Jakob (Engineering)
Poster #1525 presented 7/30 @ 1:30-2:30pm	Richard Z Zhang† (Engineering) Zonghan Lei‡ (Science JMHC)	Linda Nie (HHS)
Talk #7000 presented 7/30 @ 10:00am	Johanna Walther† (Engineering)	Ram Eknath Munde (Engineering) Raisul Islam (Engineering) Varun Aggarwal (Engineering) Krutarth Kiran Kamath (Engineering) Brian Cecil Wyatt (Engineering)
Talk #7001 presented 7/30 @ 10:20am	Levi Hammerbeck† (Engineering)	Amogh Natsu (Engineering) Daniel Robert Guildenbecher (Engineering) Nuela Enebechi (Engineering)
Talk #7002 presented 7/30 @ 10:40am	Boyang Zhang† (Engineering) Pranav Tallapaka‡ (Engineering)	Jan-Anders E Mansson (Engineering) Daniel Castro Mesa (Engineering) Lipi Roy (Engineering)
Talk #7003 presented 7/30 @ 10:00am	Azeem Ehtisham† (Polytechnic)	Xinyu Zhang (Engineering) Ehijie Ebeuwele (Polytechnic) Jia Lin Cheoh (Engineering)
Talk #7004 presented 7/30 @ 10:20am	William Andres Bayona Vergara† (Polytechnic)	Rua Mae Williams (Polytechnic) Jorge Enrique Neira Garcia (Engineering)
Talk #7005 presented 7/30 @ 10:40am	Mihir Samanyu Talamudipi† (Engineering)	Kris Villez (Oak Ridge National Laboratory) David Warsinger (Engineering) David Matthew Czerwony (Engineering)
Talk #7006 presented 7/30 @ 10:00am	Tyler Hughes† (Centers & Institutes)	Sudharshan Anandan (Engineering)
Talk #7009 presented 7/30 @ 10:00am	Kabir Jain† (Science)	Sabine Brunswicker (Polytechnic) Jayanth Shreekumar (Engineering)
Talk #7010 presented 7/30 @ 10:20am	Julian Vuong† (Engineering) Julia Kang‡ (Engineering Science)	Shubh Parag Mehta (Engineering) Craig Goergen (Engineering) Benjamin Landis (Indiana University)

Presentation	Students	Mentors
Talk #7011 presented 7/30 @ 10:40am	Taher Mustafa Mukadam† (Engineering) Mackenzie Hathaway* (Engineering JMHC)	Ali Naderi Beni (Engineering) David Warsinger (Engineering) Sandra Patricia Cordoba Renteria (Engineering)
Talk #7015 presented 7/30 @ 11:00am	Samridh Tiwari† (Engineering)	Om Tejas Kolhe (Engineering)
Talk #7016 presented 7/30 @ 11:20am	Alex Perry† (Engineering) Caleb Jonathan Radtke† (Engineering)	Matthew Leight (Engineering) Varun Aggarwal (Engineering) Adam Carson Lay (Engineering) Abigayle Elaine Moser (Engineering) Zachary Allen McDaniel (Engineering) Brandon C Chynoweth (Engineering) Joseph S Jewell (Engineering) Siddharth Bhatnagar (Engineering) Chandler J Moy (Engineering)
Talk #7017 presented 7/30 @ 11:40am	Ronald Liu Tsai† (Liberal Arts Science)	Mariel Schroeder (HHS) Arielle Borovsky (HHS) Nuela Enebechi (Engineering)
Talk #7018 presented 7/30 @ 11:00am	Vahin Pichairaj† (Engineering)	Tae Yoon Kim (Engineering) Jeffery Robert Coulter (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Talk #7019 presented 7/30 @ 11:20am	Huy Bao Huynh† (Engineering)	Danial Davarnia (Engineering) Emily R Jakob (Engineering)
Talk #7020 presented 7/30 @ 11:40am	Rohan Patel† (Engineering)	Sergey Gusev (Engineering) Anja Hribljan (Engineering) David Esteban Bernal Neira (Engineering) Waire Olawolu (Engineering)
Talk #7021 presented 7/30 @ 11:00am	Chee Ying Tay† (Engineering Science)	Pranshu Maan (Engineering)
Talk #7022 presented 7/30 @ 11:20am	Helen Yee†	Craig Goergen (Engineering) Benjamin Zeidler (Engineering) Ashlyn Marie Felton (Interdisciplinary and Special Programs)
Talk #7023 presented 7/30 @ 11:40am	Michael Oscar Greenlee† (Engineering)	Brandon C Chynoweth (Engineering)
Talk #7024 presented 7/30 @ 11:00am	Yi Yang Hsu† (Engineering)	Daniel Robert Guildenbecher (Engineering) Amy Chang (Engineering)
Talk #7025 presented 7/30 @ 11:20am	Elena Paas Ferreira† (Engineering)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Talk #7026 presented 7/30 @ 11:40am	Shashank Varamballi† (Engineering Science)	Leonid P Rokhinson (Science) Nuela Enebechi (Engineering)
Talk #7030 presented 7/30 @ 12:00pm	Changyeol Im† (Science)	Paris Gappmayr (HHS) David Matthew Czerwonky (Engineering)
Talk #7031 presented 7/30 @ 12:20pm	Lucas K Philip† (Engineering) Samuel B Angus* (Engineering) Cory Berlin Stephenson* (Engineering)	Joseph F Pekny (Engineering) Parker Haven LaTour (Engineering) Varun Aggarwal (Engineering)
Talk #7032 presented 7/30 @ 12:40pm	Roy Liu† (Engineering)	Qi Guo (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Talk #7033 presented 7/30 @ 12:00pm	Luis Mariano Avalos Campa† (Science)	Isabelle Schaeckel (Science) Jonathan J Wilker (Science) David Matthew Czerwonky (Engineering)
Talk #7034 presented 7/30 @ 12:20pm	Samuel Kinstlinger† (Engineering)	Shraman Pal (Engineering) Can Li (Engineering) Waire Olawolu (Engineering)

Presentation	Students	Mentors
Talk #7035 presented 7/30 @ 12:40pm	Raina Wang [†] (Engineering) Halaya Vann [‡] (Engineering)	Chao-Hsiang Chang (Engineering) Michael T Harris (Engineering) Waire Olawolu (Engineering)
Talk #7038 presented 7/30 @ 12:40pm	Jalynn Somerville [†] (PWL) Angel Ortiz [‡] (PWL)	Ramaswamy Subramanian (Engineering Science) Trung T. Thach (Agriculture)
Talk #7039 presented 7/30 @ 12:00pm	Kevin Santiago Pineda Rojas [†] (PWL) Aryan Dayal [‡] (Engineering) Nicholas Joseph Ostendorf [‡] (Engineering)	Carlos J Martinez (Engineering)
Talk #7040 presented 7/30 @ 12:20pm	Justin Babilino [†] (Engineering JMHC)	Amy Chang (Engineering) Daniel Robert Guildenbecher (Engineering) David Matthew Czerwonky (Engineering)
Talk #7041 presented 7/30 @ 12:40pm	Samuel Timothy Bibeau [†] (Engineering)	Yu She (Engineering) Md Rakibul Islam Prince (Engineering) Monish Mahesh Lokhande (Engineering)
Talk #7042 presented 7/30 @ 12:00pm	Aaruni Singh [†] (Engineering)	Saeed Mohammadi (Engineering) Babak Ziaie (Engineering) Archana Dharanipragada (Engineering)
Talk #7043 presented 7/30 @ 12:20pm	Ediz Guzey [†] (PWL)	Shreyas Sundaram (Engineering) Younggil Chang (Engineering)
Talk #7044 presented 7/30 @ 12:40pm	Bea Olivia Cabot [†] (HHS Science)	Shubh Parag Mehta (Engineering) Cortland Hannah Johns (Engineering) Craig Goergen (Engineering) Benjamin Landis (Indiana University)
Talk #7045 presented 7/30 @ 1:00pm	Drake R Augustine [†] (Engineering) Kyle Landon Friedrich [‡] (Engineering) Megan Rose Magee [‡] (Engineering)	Jan-Anders E Mansson (Engineering) Adeline Nora Ripberger (Engineering) Nuela Enebechi (Engineering)
Talk #7046 presented 7/30 @ 1:20pm	Santiago Melo Munoz [†] (Engineering)	Stephan Robert Biller (DSB Engineering) Steven R Dunlop (DSB) Dutt Jagdish Thakkar (DSB) Jorge Enrique Neira Garcia (Engineering)
Talk #7047 presented 7/30 @ 1:40pm	Wyatt Soberg Catz [†]	Jaewon Park (Engineering) Justin Weibel (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Talk #7048 presented 7/30 @ 1:00pm	Juan Pablo Monge Mesen [†] (Engineering)	Juan Camilo Osorio Pinzon (Engineering) Jhonatan Steven Rincon Angarita (Engineering) Andres Arrieta Diaz (Engineering)
Talk #7049 presented 7/30 @ 1:20pm	Chenrui Yin [†] (HHS Science)	Lyndsey Nicole Graham (HHS) Bridgette Kelleher (HHS) Daniel J Foti (HHS) Varun Aggarwal (Engineering)
Talk #7050 presented 7/30 @ 1:40pm	Camila Uribe [†] (Engineering) Juan Pablo Monge Mesen [‡] (Engineering)	Juan Camilo Osorio Pinzon (Engineering) Jhonatan Steven Rincon Angarita (Engineering) Andres Arrieta Diaz (Engineering) Jorge Enrique Neira Garcia (Engineering)
Talk #7054 presented 7/30 @ 1:00pm	Logan M Murray [†] (Engineering)	Leopold Noel Green (Engineering) Derrick Dankwa (Engineering) Nicholas Jakalski (Engineering)
Talk #7055 presented 7/30 @ 1:20pm	William Zheng [†] Benjamin Tencza [‡] (Engineering) Nicolas Bustamante [‡] (Engineering)	Holman Lau (Engineering) Li Qiao (Engineering)

Presentation	Students	Mentors
Talk #7056 presented 7/30 @ 1:40pm	Alana N White [†] (Engineering)	Rajamani P Gounder (Engineering) Sarah Gustafson Wagers (Engineering) Waire Olawolu (Engineering)
Talk #7058 presented 7/30 @ 1:20pm	Ishaan Brar [†] (Engineering)	Ujjawal Arya (Engineering) Ganesh Subbarayan (Engineering) David Matthew Czerwonky (Engineering)
Talk #7060 presented 7/30 @ 2:00pm	Isabelle Anne Hunt [†] (Engineering) Ava Fuchs [‡] (Engineering) Sachenka Katrina Angel Aranguena [‡] (Engineering) Jennifer Marie Bowles [‡] (Engineering)	Joseph Wallace (Engineering) Dyann Marie Segvich (Engineering) Olivia Nicole White (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Talk #7061 presented 7/30 @ 2:20pm	Ana Martinez [†] (Science)	Jonathan Lopez (Science) Catherine L Searle (Science) Jorge Enrique Neira Garcia (Engineering)
Talk #7062 presented 7/30 @ 2:40pm	Halaya Vann [†] (Engineering) Raina Wang [‡] (Engineering)	Chao-Hsiang Chang (Engineering) Michael T Harris (Engineering) Waire Olawolu (Engineering)
Talk #7063 presented 7/30 @ 2:00pm	Samiya Balu [†] (Engineering) Sahana Mukund [‡] (Science)	Aidan Damian Pantoya (Engineering) Alejandro H Strachan (Engineering) Rushik Desai (Engineering) CJ Holdeman (Engineering)
Talk #7064 presented 7/30 @ 2:20pm	Ashwin Natarajan [†]	Abu Sayed Mohammed Sayam (HHS) Aaron James Specht (HHS) CJ Holdeman (Engineering)
Talk #7065 presented 7/30 @ 2:40pm	Jack G Darby [†] (Engineering)	Rusi P Taleyarkhan (Engineering) Stepan Ozerov (Engineering) Everett John Nally (Engineering) CJ Holdeman (Engineering)
Talk #7066 presented 7/30 @ 2:00pm	Natasha Catherine Farias Cisneros [†] (PWL)	Reem Khir (Engineering) Zoila Castillo (Universidad Tecnológica de Panamá)
Talk #7068 presented 7/30 @ 2:40pm	Jeronimo Contreras Castaneda [†] (Engineering)	Ramses Martinez (Engineering)
Talk #7069 presented 7/30 @ 2:00pm	Eain Drae Oot [†] (Engineering) Denyse Isingizwe [†] (Engineering)	Timothy M Whalen (Engineering)
Talk #7070 presented 7/30 @ 2:20pm	Henry Ewald [†] (Engineering) Alvin Hu [‡] (Engineering)	D. Marshall Porterfield (Agriculture Engineering)
Talk #7075 presented 7/30 @ 3:00pm	Carman Stanton [†] (Engineering)	Hatim Bamoumen (Engineering) Farhan Ishraque Zahin (Engineering) Kevin J Webb (Engineering)
Talk #7076 presented 7/30 @ 3:20pm	Pranav Tallapaka [†] (Engineering) Boyang Zhang [‡] (Engineering)	Jan-Anders E Mansson (Engineering) Daniel Castro Mesa (Engineering) Lipi Roy (Engineering)
Talk #7077 presented 7/30 @ 3:40pm	Ana Clara de Medeiros Moraes [†] (Engineering) Dominic Nathaniel Muniz [‡] (Engineering)	Laura Helen Blumenschein (Engineering) Priyanka Balkrishna Bhovad (Engineering) Ethan Michael DeVries (Engineering) Jack Rearden Ferlazzo (Engineering) Nuela Enebechi (Engineering)
Talk #7078 presented 7/30 @ 3:00pm	Aarush Agarwal [†] (Engineering)	Linlin Li (Engineering)
Talk #7079 presented 7/30 @ 3:20pm	Aryan Daga [†] (Engineering)	Anelya Zhussupbekova (Engineering) Alberto Castillo (Engineering) Jan Olek (Engineering) Raikhan Tokpatayeva (Engineering) Varun Aggarwal (Engineering)

Presentation	Students	Mentors
Talk #7080 presented 7/30 @ 3:40pm	Rishab Sai Vempati† (Science)	Jason Wu (Science) Nuela Enebechi (Engineering)
Talk #7082 presented 7/30 @ 3:20pm	Ana Susana Deng Guan† (PWL)	Young-Jun Son (Engineering) Seung Ho Woo (Engineering) Kamelia Sepanloo (Engineering) Seonho Woo (Engineering)
Talk #7084 presented 7/30 @ 3:20pm	Brandon Anthony Farbert† (Engineering)	Andrew Owen Fewell (Engineering) Peter Bermel (Engineering) CJ Holdeman (Engineering)
Talk #7087 presented 7/30 @ 3:40pm	Yutika Vasudeo Sawant† (Science JMHC)	Arun Kumar Mannodi Kanakkithodi (Engineering) Yi Yang (Engineering) Bipasa Samanta (Engineering)
Talk #9006 presented 7/27-7/31 virtually	Eileen Koh† (Engineering) Olyver Fierro‡ (Engineering) Junyi Xiu* (Vanderbilt University) Nathan Grant Clark* (Engineering)	Shauna Nicole Adams (Engineering) Kerrie Douglas (Engineering) Jill Anne Folkerts (Engineering) CJ Holdeman (Engineering) Gabriella Coloyan Fleming (Purdue University)
Talk #9012 presented 7/27-7/31 virtually	Ikechi M Johnson† (Engineering) Lara Teresa Muniz‡ (Engineering)	Leopold Noel Green (Engineering) Luis Gabriel Montalvo Gonzalez (Science) Jeffery Godwin Chibueze Ibekwe (Engineering) Nicholas Jakalski (Engineering)
Talk #9015 presented 7/27-7/31 virtually	Maximilianne Manuel† (Engineering JMHC)	Michelle S Ulmer (Engineering)
Talk #9016 presented 7/27-7/31 virtually	Stefan Teodor Maxim† (Science) Arjun Sandeep Gupte‡ (Engineering) Ahmed Tarek Ibra Elmersawy‡ (Engineering) Andre Lee‡ (Engineering)	James C Davis (Engineering) Huiyun Peng (Engineering)
Talk #9018 presented 7/27-7/31 virtually	Ramya Prasanna† (Science JMHC)	Nan Kong (Engineering) Laia Vancells Lopez (Engineering) Shen Chang (Engineering)
Talk #9020 presented 7/27-7/31 virtually	Eric Tang† (Science)	Shen Chang (Engineering) Nan Kong (Engineering)
Talk #9023 presented 7/27-7/31 virtually	Sahil Yadav† (PWL)	Karthik Sankaranarayanan (Agriculture Engineering) Sowmya Alichy (Agriculture)