

Summer 2026 Undergraduate Research Symposium: 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:

- 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.
- Name spellings appear as submitted in OURConnect. Names may be edited (for future reporting) via "my profile" in OURConnect.

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

Presentation	Students	Mentors and Other Acknowledgments
Poster #1047 presented 7/30 @ 10:30-11:30am	Maria Catalina Aceros†	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†	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†	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† Adam James Sullivan‡	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†	Kyle Henry Jung (Engineering) Marisol Koslowski (Engineering) Joshua Mark Block (Engineering) Nuela Enebechi (Engineering)
Poster #1054 presented 7/30 @ 10:30-11:30am	Logan Ray Thomas Carleton†	Laura J Pyrak-Nolte (Science) Kyungsoo Han (Science)
Poster #1055 presented 7/30 @ 10:30-11:30am	Avery Chan†	Arezoo Ardekani (Engineering) David Perez Herrera (Science)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1056 presented 7/30 @ 10:30-11:30am	Daniel Chi Hsien Chen Sandi†	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†	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†	Luis Gerardo Romaguera-Rios (Engineering) Thomas H Siegmund (Engineering) Daniel B Szymanski (Agriculture) Tanner James Ballance (Agriculture) Eileen L Mallery (Agriculture) David Matthew Czerwonky (Engineering)
Poster #1059 presented 7/30 @ 10:30-11:30am	Kelcie Edrea T Estrera† Yizheng Jiang‡	Denny Yu (Engineering) Varun Aggarwal (Engineering) Jingkun Wang (Engineering) Peiran Liu (Engineering)
Poster #1060 presented 7/30 @ 10:30-11:30am	Hongsen Fang† Rohan Kelkar*	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†	Agnes Doszpoly (Engineering) Tamara L Kinzer-Ursem (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1062 presented 7/30 @ 10:30-11:30am	Gabriela Gomez Langebeck†	Lori Hoagland (Agriculture) Cristian Andres Salinas Castillo (Agriculture) Mine Rouxna van der Berg (Agriculture)
Poster #1063 presented 7/30 @ 10:30-11:30am	Nicolas Gomez Velasquez† Cole J Burnett‡	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†	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† Ayush Ashok Khondge‡ Nolan H Nguyen‡ Qingyang Sun‡ Elizabeth Renee Murotani‡ Bosco Lee‡ Aaron W Berntsen‡ Lucas Bin Fan Wu‡	Qiuyang Xiao (Engineering) Li Zhan (Engineering) Emily R Jakob (Engineering)
Poster #1066 presented 7/30 @ 10:30-11:30am	Jamie Chanadol Henson† Kai X Keller†	Yooseung Choi (Engineering) Emily R Jakob (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1067 presented 7/30 @ 10:30-11:30am	Kira Howe†	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†	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†	Anish Yadav (Science) Christina W Li (Science) Jorge Enrique Neira Garcia (Engineering)
Poster #1070 presented 7/30 @ 10:30-11:30am	Yizheng Jiang† Kelcie Edrea T Estrera‡	Denny Yu (Engineering) Jingkun Wang (Engineering) Lipi Roy (Engineering)
Poster #1071 presented 7/30 @ 10:30-11:30am	Brayden Kauffmann† Aditya H Joshi‡	Tiancong Zhu (Science) Daniel Johannes Jung (Science) David Matthew Czerwonky (Engineering)
Poster #1072 presented 7/30 @ 10:30-11:30am	Nathan Maharaj Kharwanlang†	Chenfei Zhu (Engineering) Emily R Jakob (Engineering)
Poster #1073 presented 7/30 @ 10:30-11:30am	Kyungmin Kim†	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† Megan Webb‡	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1076 presented 7/30 @ 10:30-11:30am	Akhil Kota†	Shraman Pal (Engineering) Can Li (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1077 presented 7/30 @ 10:30-11:30am	Emily Danielle Kushnert† Helen Sophia Brzozowski*	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† Akshith Garapati‡	David Iseri Inouye (Engineering) Easton Luke-Earl Currie (Engineering) Mingyu Kim (Engineering) Varun Aggarwal (Engineering)
Poster #1079 presented 7/30 @ 10:30-11:30am	Sooji Lee† Samin Sanjana‡	Greg M Michalski (Science)
Poster #1080 presented 7/30 @ 10:30-11:30am	Woojun Lee†	euiwon Bae (Engineering)
Poster #1081 presented 7/30 @ 10:30-11:30am	Zonghan Lei†	Linda Nie (HHS) Nuela Enebechi (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1082 presented 7/30 @ 10:30-11:30am	Ana Sofia Leiva Aldana†	D. Marshall Porterfield (Agriculture Engineering) Richard John Barker (Agriculture Engineering) Varun Aggarwal (Engineering)
Poster #1083 presented 7/30 @ 10:30-11:30am	Zhixin Li†	Lei Wang (Science) Monish Mahesh Lokhande (Engineering)
Poster #1084 presented 7/30 @ 10:30-11:30am	Somi Lim†	Caitlin Rose Proctor (Engineering)
Poster #1085 presented 7/30 @ 10:30-11:30am	Bingyi Liu†	Chenfei Zhu (Engineering)
Poster #1086 presented 7/30 @ 10:30-11:30am	Sophia D Madrazo†	Anna Elizabeth Davis (Science) Gabriel Jordan Lovinger (Science) Maison Claire Hardin (Science) Kelton James Radefeld (Science) David Matthew Czerwonky (Engineering)
Poster #1087 presented 7/30 @ 10:30-11:30am	Aidan Josef Monark†	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†	Mahmudul Hoq (Engineering) Hosop Shin (PWL) Andres Catalino Castillo Jimenez (Engineering)
Poster #1089 presented 7/30 @ 10:30-11:30am	Keira Alexandra Murphy†	Paula Belmont Coelho (Engineering) Andrew Whelton (Engineering) Varun Aggarwal (Engineering)
Poster #1090 presented 7/30 @ 10:30-11:30am	Srinath Eswaran Neelamagam†	Shrikrishna Bhagirath Rajule (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1091 presented 7/30 @ 10:30-11:30am	Natalia Nino Cocoma†	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 Owen†	Shalini Iyer (Science) Chittaranjan Das (Science) Nuela Enebechi (Engineering) Dhanapala Mudiyanse Jayamini C Gunaratne (Science) Laura Mae Sanford (Pharmacy)
Poster #1093 presented 7/30 @ 10:30-11:30am	Minho Park†	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† Hayden Schneider* Steven Quocviet Phan*	Joydeep Rakshit (Science) Saloni Darji (Science) David Matthew Czerwonky (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1095 presented 7/30 @ 10:30-11:30am	Zachary Ryan Roeder†	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† Rebecca Rose Phelan*	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Leopold Noel Green (Engineering) David Matthew Czerwonky (Engineering)
Poster #1097 presented 7/30 @ 10:30-11:30am	Rohan Ashish Shrowty†	David Warsinger (Engineering) Mateo Roldan Carvajal (Engineering) Emily R Jakob (Engineering)
Poster #1098 presented 7/30 @ 10:30-11:30am	Udaiveer Singh†	Rajiv Ranjan (Agriculture Engineering) Dharmendra Saraswat (Agriculture Engineering) Varun Aggarwal (Engineering)
Poster #1099 presented 7/30 @ 10:30-11:30am	Paul Shannon Slack†	Md Rakibul Islam Prince (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1100 presented 7/30 @ 10:30-11:30am	Daniela Solarte Rodriguez†	Lena Azimi (Engineering) Guinan Guo (Engineering) Melba M Crawford (Agriculture Engineering) Pramod Sunil Parande (Engineering) Jorge Enrique Neira Garcia (Engineering)
Poster #1101 presented 7/30 @ 10:30-11:30am	Robert Scott Sorensen†	Bruno Tesini Roseguini (HHS)
Poster #1102 presented 7/30 @ 10:30-11:30am	Nicholas Audrie Steeves†	Nickolas Richard Brauer (Science) Jean A Chmielewski (Science) David Matthew Czerwonky (Engineering)
Poster #1103 presented 7/30 @ 10:30-11:30am	Abhaya Sundar†	Ritwik Bhattacharya (Engineering) Abhinanda Sengupta (Engineering) Partha P Mukherjee (Engineering) David Matthew Czerwonky (Engineering)
Poster #1104 presented 7/30 @ 10:30-11:30am	Likhita Tinga†	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† Joao Vitor Carvalho Almeida†	Jenna L Wise DiVincenzo (Engineering) Matthew Christian Ruiz (Engineering)
Poster #1106 presented 7/30 @ 10:30-11:30am	Emerson Waltz†	Reagan Cole Huckabee (Engineering) Rajamani P Gounder (Engineering) Waire Olawolu (Engineering)
Poster #1107 presented 7/30 @ 10:30-11:30am	Minghan Wang†	Yifan Wang (Engineering) Jia Lin Cheoh (Engineering)
Poster #1108 presented 7/30 @ 10:30-11:30am	Ryan James Williams†	Rusi P Taleyarkhan (Engineering) Stepan Ozerov (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1109 presented 7/30 @ 10:30-11:30am	Ryan Wu†	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 #1110 presented 7/30 @ 10:30-11:30am	Ruoqin Rachel Yang† Olivia Nicole Safranek‡	Nicholas Noinaj (Science) Laszlo Csonka (Science)
Poster #1111 presented 7/30 @ 10:30-11:30am	Feng Ye† Nguyen Chan Nhu Pham‡ Antara Durbha‡	Qiuyue Xue (Science) Lipi Roy (Engineering)
Poster #1112 presented 7/30 @ 10:30-11:30am	Kai-Xing Yue†	David Warsinger (Engineering) Mateo Roldan Carvajal (Engineering) David Matthew Czerwonky (Engineering)
Poster #1113 presented 7/30 @ 10:30-11:30am	Lucia X Zhang†	chongli Yuan (Engineering) Han Zhao (Engineering) Emily R Jakob (Engineering)
Poster #1225 presented 7/30 @ 12:00-1:00pm	Md Sadat Aarik† Ishan Gopu Nair‡ Mudit Pandey‡	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† Aryan Rauniyar‡	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†	Linlin Li (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1228 presented 7/30 @ 12:00-1:00pm	Aritra Barman†	Saghnik Saha (Science) Ming Yu Ngai (Science) Nuela Enebechi (Engineering)
Poster #1229 presented 7/30 @ 12:00-1:00pm	Olivia Bell† Alekh Pratish Shah‡ Xavier Thomas Cedric Tribout‡	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 Bhav† Hiya Samanta‡	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† Nicolas Gomez Velasquez‡	Jan-Anders E Mansson (Engineering) Adeline Nora Ripberger (Engineering) David Matthew Czerwonky (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1232 presented 7/30 @ 12:00-1:00pm	Emma Caron†	Riley Bradley Barta (Engineering) Ganesh Brammanayagam venkatesan (Engineering) David Matthew Czerwonky (Engineering)
Poster #1233 presented 7/30 @ 12:00-1:00pm	Anirud Chakkarapani† Mirza Orunav Shahper*	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†	Junyuan Lu (Engineering) Jingang Li (Engineering)
Poster #1235 presented 7/30 @ 12:00-1:00pm	Martinos Christodoulides†	Nathaniel Liam Lazorchak (Engineering) Ken Yoshida (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1236 presented 7/30 @ 12:00-1:00pm	Allison Clark†	Sergio Munoz-Gomez (Science) Varun Aggarwal (Engineering)
Poster #1237 presented 7/30 @ 12:00-1:00pm	William Thomas Covington†	Laura Elaine Murray-Kolb (HHS) Emily Rebekah Seiger (HHS)
Poster #1238 presented 7/30 @ 12:00-1:00pm	Sylvia Isabella Diaz† Sarah E Mollan‡	Sarah Gustafson Wagers (Engineering) Rajamani P Gounder (Engineering) Bereket Tassew Bekele (Engineering)
Poster #1239 presented 7/30 @ 12:00-1:00pm	Abhigyan Doshi†	Pranshu Maan (Engineering) Alexander V Kildishev (Engineering)
Poster #1240 presented 7/30 @ 12:00-1:00pm	Pavle Duric† Spencer Michael Beane* Keri Lyn Christman*	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†	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†	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†	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†	Dylan Kenji Wainwright (Agriculture Science) Matthew Kaboolian (Engineering) Hana Noell Larkins (Science) Kendra A Erk (Engineering) Jorge Enrique Neira Garcia (Engineering)
Poster #1245 presented 7/30 @ 12:00-1:00pm	Medhansh Garg†	Danny Milisavljevic (Science) Danielle Dickinson (Science) Varun Aggarwal (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1246 presented 7/30 @ 12:00-1:00pm	Elijah Goodman†	Dan Jiao (Engineering) Hongyang Liu (Engineering) David Matthew Czerwonky (Engineering)
Poster #1247 presented 7/30 @ 12:00-1:00pm	Arsh Gupta† Connor Siurek†	Daniel G Aliaga (Science) Eric Samperton (Science) Varun Aggarwal (Engineering)
Poster #1248 presented 7/30 @ 12:00-1:00pm	Caleb Carr Hamilton†	Yue Meng (Engineering) David Matthew Czerwonky (Engineering)
Poster #1249 presented 7/30 @ 12:00-1:00pm	Ananya Hegde†	Xiaoping Bao (Engineering) Jingqiao Shen (Engineering) Varun Aggarwal (Engineering)
Poster #1250 presented 7/30 @ 12:00-1:00pm	Valeria Raquel Hernandez Barboza†	Michael R Gribskov (Science) Jorge Enrique Neira Garcia (Engineering)
Poster #1251 presented 7/30 @ 12:00-1:00pm	Ana Maria Hernandez Conde†	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† Pia Kapur‡	Matthew Louis Scarpelli (HHS) MacKenzie Coon-Haworth (HHS) Monish Mahesh Lokhande (Engineering)
Poster #1253 presented 7/30 @ 12:00-1:00pm	Habin Jang† Maxwell J Gootee‡	Arezo Ardekani (Engineering) Elham Saberian (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1254 presented 7/30 @ 12:00-1:00pm	Mia Alexandra Jensen†	Jinyang Du (Engineering) Luis Solorio (Engineering) Lipi Roy (Engineering)
Poster #1255 presented 7/30 @ 12:00-1:00pm	Julia Kang† Julian Vuong‡ Ojas Chaturvedi‡	Shubh Parag Mehta (Engineering) Craig Goergen (Engineering) Benjamin Landis (Indiana University)
Poster #1256 presented 7/30 @ 12:00-1:00pm	Pataraphol Keeraswangporn†	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† Hongsen Fang‡	Dianyun Zhang (Engineering) Yao Sun (Engineering) Nuela Enebechi (Engineering)
Poster #1258 presented 7/30 @ 12:00-1:00pm	Kai X Keller† Jamie Chanadol Henson† Nhuan Boi Duong‡ Haoyu Zhang‡	Yooseung Choi (Engineering) Ran Dai (Engineering)
Poster #1259 presented 7/30 @ 12:00-1:00pm	Emma M Kindwall†	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†	Alex Santiago-Vargas (Engineering) Dimitrios Peroulis (PWL) Jia Lin Cheoh (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1261 presented 7/30 @ 12:00-1:00pm	Caleb Eunho Lee†	Hector Gomez Diaz (Engineering) Mahmoud Golestanian (Engineering) Jing Gao (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1262 presented 7/30 @ 12:00-1:00pm	Yoon gi Lee†	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† Connor Siurek*	Laura J Pyrak-Nolte (Science) Alexandra Blair Clark (Science) David Matthew Czerwonky (Engineering)
Poster #1264 presented 7/30 @ 12:00-1:00pm	Guanting Li†	Leyu Liu (Science) Zhenhua Zeng (Science) Monish Mahesh Lokhande (Engineering)
Poster #1265 presented 7/30 @ 12:00-1:00pm	Ailuen Liu†	Mina Carpenter (Science) Christopher H Uyeda (Science) David Matthew Czerwonky (Engineering)
Poster #1266 presented 7/30 @ 12:00-1:00pm	Katherine Mader†	Amina Asghar (Science) Christina W Li (Science) Mah Gull (Science)
Poster #1267 presented 7/30 @ 12:00-1:00pm	Ryan Y Manley†	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† Ana Clara de Medeiros Morais‡	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†	Kosuke Ando (Engineering) Satyaroop Patnaik (Engineering) Nikhilesh Chawla (Engineering) Lipi Roy (Engineering)
Poster #1270 presented 7/30 @ 12:00-1:00pm	Nathan Nguyen†	Arezoo Ardekani (Engineering) Prasheel Shivanand Nakate (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1271 presented 7/30 @ 12:00-1:00pm	Rebecca Rose Phelan† Nasser H Sanwari*	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Monish Mahesh Lokhande (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1272 presented 7/30 @ 12:00-1:00pm	Caleb Jonathan Radtke† Alex Perry†	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†	Zheyuan Zhang (Engineering) Muhammad ibtsaam Qadir (Engineering) Fiona Kolbinger (Engineering)
Poster #1274 presented 7/30 @ 12:00-1:00pm	Amrita Rani Raparti†	Deva Chan (Engineering) Ryan Michael Meister (Engineering) Varun Aggarwal (Engineering)
Poster #1275 presented 7/30 @ 12:00-1:00pm	Andrea Rocha Barajas†	Dhiya eddine Belkadi (Engineering) Muhammad Mustafa Hussain (Engineering) Min Sung Kim (Engineering) Yusuf Kolawole Adebakin (Engineering) Jorge Enrique Neira Garcia (Engineering)
Poster #1276 presented 7/30 @ 12:00-1:00pm	Shreeya Roy†	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† Anushka Bhavetz	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†	Ali Mashhadian (Engineering) Arezo Ardekani (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1279 presented 7/30 @ 12:00-1:00pm	Connor Siurek† Arsh Gupta†	Daniel G Aliaga (Science) Eric Samperton (Science) Varun Aggarwal (Engineering)
Poster #1280 presented 7/30 @ 12:00-1:00pm	Yuwen Song†	Christina W Li (Science) Mah Gull (Science)
Poster #1281 presented 7/30 @ 12:00-1:00pm	Colleen Ryan Squier† Stephanie Tirado Rojas*	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 Stavigt†	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†	Alexey Shashurin (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1284 presented 7/30 @ 12:00-1:00pm	Raveena Venkateshwaran† Owen Joseph Jungblut‡ Sriyesh Senthil‡	Daniel Suter (Science) Jorge Emanuel Hernandez Dominguez (Science) Emily R Jakob (Engineering)
Poster #1285 presented 7/30 @ 12:00-1:00pm	Henan Wang†	Zeshu Wang (Engineering) Haitong Li (Engineering) David Matthew Czerwonky (Engineering)
Poster #1286 presented 7/30 @ 12:00-1:00pm	Alissa Weigand†	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†	Jinho Jang (Pharmacy) Danzhou Yang (Pharmacy) Jia Lin Cheoh (Engineering)
Poster #1289 presented 7/30 @ 12:00-1:00pm	Zihan O Zeng†	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†	Nicole Elizabeth Mertens (Engineering) Tuba Marjan (Engineering) Taimoor Hasan Qazi (Engineering)
Poster #1405 presented 7/30 @ 1:30-2:30pm	Paridhi Agarwal† Akshith Garapati*	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†	Guang Lin (Engineering Science) Jia Lin Cheoh (Engineering) Junyi Wu (Science)
Poster #1407 presented 7/30 @ 1:30-2:30pm	Ruhaan Batta†	Junyuan Lu (Engineering) Jingang Li (Engineering) Nuela Enebechi (Engineering)
Poster #1408 presented 7/30 @ 1:30-2:30pm	Helen Sophia Brzozowski† Emily Danielle Kushner*	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†	Li Qiao (Engineering) Samarpan Farmer (Engineering) Jia Lin Cheoh (Engineering)
Poster #1410 presented 7/30 @ 1:30-2:30pm	Eeshwar Ram Chalasani†	Linlin Li (Engineering) David M Umulis (Engineering) Andres Catalino Castillo Jimenez (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1411 presented 7/30 @ 1:30-2:30pm	Anna S Chambers†	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† Aarav Jain‡ Addison Francis Zucek‡ Manmeet Singh Dang‡	Aniket Bera (Science) Monish Mahesh Lokhande (Engineering)
Poster #1413 presented 7/30 @ 1:30-2:30pm	Andrew Thomas Choung† Jacob Lee Prior*	Amy R Reibman (Engineering) Jia Lin Cheoh (Engineering)
Poster #1414 presented 7/30 @ 1:30-2:30pm	John G Christian†	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†	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†	Grigorii Aleksandrovich Rudakov (Engineering) Tamara L Kinzer-Ursem (Engineering) Lipi Roy (Engineering)
Poster #1417 presented 7/30 @ 1:30-2:30pm	Renee Duan†	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†	Sandro Matosevic (Pharmacy) Tyler Parker Fritsch (Pharmacy) Zachary Ashton Chu Leung (Pharmacy) Soumyajit Das (Pharmacy) Monish Mahesh Lokhande (Engineering)
Poster #1419 presented 7/30 @ 1:30-2:30pm	Ava Fuchs† Isabelle Anne Hunt‡ Jennifer Marie Bowles‡ Sachenka Katrina Angel Aranguena‡	Joseph Wallace (Engineering) Olivia Nicole White (Engineering) Dyann Marie Segvich (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1420 presented 7/30 @ 1:30-2:30pm	Parthav Garg†	Lei Wang (Science)
Poster #1421 presented 7/30 @ 1:30-2:30pm	Diego Alejandro Hernandez Acosta†	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†	Ben K D Pearce (Science) Ishaan Madan (Science) Monish Mahesh Lokhande (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1423 presented 7/30 @ 1:30-2:30pm	Juyeon Im† Yunsuk Lee‡ Tara Ruslen Blanc‡	Losha Dasol Jung (Science) David Matthew Czerwonky (Engineering) Neel Tushar Parekh (Science) Nithin Raj Senthil Raj (Science)
Poster #1424 presented 7/30 @ 1:30-2:30pm	Leonardo Isaac de Medeiros†	Luis Sanjuan (Engineering) Luis Solorio (Engineering) Lipi Roy (Engineering)
Poster #1425 presented 7/30 @ 1:30-2:30pm	Delfina B Jackson†	Arezoo 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†	Waqas Alam (Engineering) David Warsinger (Engineering) David Matthew Czerwonky (Engineering)
Poster #1427 presented 7/30 @ 1:30-2:30pm	Pradyunn Vikram Kale†	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†	Aaron B Morris (Engineering) Timmy Ngo (Engineering) Carl R Wassgren (Engineering) David Matthew Czerwonky (Engineering)
Poster #1429 presented 7/30 @ 1:30-2:30pm	Adam Lewis Kipp†	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†	Jane Ann Mondul (HHS) Nuela Enebechi (Engineering)
Poster #1431 presented 7/30 @ 1:30-2:30pm	Yuet Ching Jolie Lai† Gilbert Chang‡ Zihan Lin‡ Andrew Li Niu‡	Zachary Kalen Kingston (Science) Nuela Enebechi (Engineering)
Poster #1432 presented 7/30 @ 1:30-2:30pm	Hao-Chen Li†	Haitham Kanakri (Engineering) Maher E Rizkalla (PWL) Andres Catalino Castillo Jimenez (Engineering)
Poster #1433 presented 7/30 @ 1:30-2:30pm	Leland Li†	Can Li (Engineering) PIYUSH SHARMA (Engineering) Quinn Huckaba (Engineering) Waire Olawolu (Engineering)
Poster #1434 presented 7/30 @ 1:30-2:30pm	Khanh Mai†	Ahreum Lee (Science) Divyansh Rathore (Science) Monish Mahesh Lokhande (Engineering)
Poster #1435 presented 7/30 @ 1:30-2:30pm	Sri Krishna Teja Mannava†	Andres Eduardo Llacsahuanga Allcca (Science) Leonid P Rokhinson (Science)
Poster #1436 presented 7/30 @ 1:30-2:30pm	Vedha Masuraha†	Babak Anasori (Engineering) Muhammad Sharif Uddin (Engineering) Krutarth Kiran Kamath (Engineering) Varun Aggarwal (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1437 presented 7/30 @ 1:30-2:30pm	Caden S McCollum† Zhixin Li* Zhaoyu Liu*	Lei Wang (Science)
Poster #1438 presented 7/30 @ 1:30-2:30pm	Sahda Mohammadu Haroon† Isaac Parks* Tejas Pandit* Princess Gloria Onyinyechi Okoli*	Xavier I Morgan-Lange (Engineering) David Warsinger (Engineering) David Matthew Czerwonky (Engineering)
Poster #1439 presented 7/30 @ 1:30-2:30pm	Lucas Munoz†	Walter Daniel Leon-Salas (Polytechnic) Emily R Jakob (Engineering)
Poster #1440 presented 7/30 @ 1:30-2:30pm	Saran S Nagubandi† Aiden Moy†	Jason Wu (Science) Nuela Enebechi (Engineering)
Poster #1441 presented 7/30 @ 1:30-2:30pm	Ishan Gopu Nair† Mudit Pandey* Harishramani Venkatasubramanian* Md Sadat Aarik* Govind Sriram Lanka* Ron Cheng Xuan Chay*	Md Ashiqur Rahman (Engineering) David Warsinger (Engineering) David Matthew Czerwonky (Engineering)
Poster #1442 presented 7/30 @ 1:30-2:30pm	Malavika Nair†	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 #1444 presented 7/30 @ 1:30-2:30pm	Jannah M Noshi†	Xiaoling Chen (Pharmacy)
Poster #1445 presented 7/30 @ 1:30-2:30pm	Zoe Noznesky†	Brandon Delos Parker (Science) Michael Earl Reppert (Science) Lipi Roy (Engineering)
Poster #1446 presented 7/30 @ 1:30-2:30pm	Evelynn Marie Papez†	Elizabeth Tarami Su (Engineering) Kevin John Otto (Engineering) Emily R Jakob (Engineering)
Poster #1447 presented 7/30 @ 1:30-2:30pm	Isaac Parks† Sahda Mohammadu Haroon* Princess Gloria Onyinyechi Okoli* Tejas Pandit*	Xavier I Morgan-Lange (Engineering) David Warsinger (Engineering) Clark Lay (Engineering)
Poster #1448 presented 7/30 @ 1:30-2:30pm	Kavyaa Parmar† Atiksh Bhattacharya†	Shilo Xia (Science)
Poster #1449 presented 7/30 @ 1:30-2:30pm	Truman Carl Parrish† Ananya Molugu†	Andy Jung (Science) Ace Rounds (Science) Jia Lin Cheoh (Engineering)
Poster #1450 presented 7/30 @ 1:30-2:30pm	Daniel J V Pike† Sai Kasturi Kamila*	Zherui Martinez-Guo (Engineering) Adithya Kolisetty (Engineering) Varun Aggarwal (Engineering)
Poster #1451 presented 7/30 @ 1:30-2:30pm	Jacob Lee Prior† Andrew Thomas Choung*	Amy R Reibman (Engineering) Lipi Roy (Engineering) Haochuan Hu (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1452 presented 7/30 @ 1:30-2:30pm	Reyam Roumeih†	Reem Khir (Engineering) Denver John Lobo (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1453 presented 7/30 @ 1:30-2:30pm	William James Rowe†	Yuto Tanaka (Engineering) Nuela Enebechi (Engineering)
Poster #1454 presented 7/30 @ 1:30-2:30pm	Chris Schoenherr†	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†	Matthew Thomas Tegtmeyer (Science) Lipi Roy (Engineering)
Poster #1456 presented 7/30 @ 1:30-2:30pm	Ziqi Shen†	Anubhav Dey (Engineering) Ilias Bilionis (Engineering) Monish Mahesh Lokhande (Engineering)
Poster #1457 presented 7/30 @ 1:30-2:30pm	Leonor Antunes Sinogast†	Shulan Xiao (Engineering) Linlin Li (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Poster #1458 presented 7/30 @ 1:30-2:30pm	Peter Robertson Skrdla† Joseph Timothy Kritenbrink*	Alex Santiago-Vargas (Engineering) Dimitrios Peroulis (PWL) Jia Lin Cheoh (Engineering)
Poster #1459 presented 7/30 @ 1:30-2:30pm	Aditya Srinivasan†	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†	Sarah Gustafson Wagers (Engineering) Rajamani P Gounder (Engineering) Waire Olawolu (Engineering)
Poster #1461 presented 7/30 @ 1:30-2:30pm	Gabriel Torres†	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†	Niranjan 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†	Qixin He (Science) Bianca Shaunessy Broyles (PWL) Nuela Enebechi (Engineering)
Poster #1464 presented 7/30 @ 1:30-2:30pm	Serena Yuanyuan Wei†	Jaewon Park (Engineering) Justin Weibel (Engineering) Jia Lin Cheoh (Engineering)
Poster #1465 presented 7/30 @ 1:30-2:30pm	Sophie J Wilcox†	Christina Marie Boody (Science) Andres Catalino Castillo Jimenez (Engineering)
Poster #1466 presented 7/30 @ 1:30-2:30pm	Ty Richard Yaguchi†	Hosop Shin (PWL) Mahmudul Hoq (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Poster #1467 presented 7/30 @ 1:30-2:30pm	Eric Y Yang† Bingrui Luke Wang*	chongli Yuan (Engineering) Xihui Zhao (Engineering) Junkai Xie (Engineering) David Matthew Czerwonky (Engineering)
Poster #1468 presented 7/30 @ 1:30-2:30pm	Eloise Zambrano†	Elizabeth I Parkinson (Pharmacy Science) Carson Bailey Roberts (Science) Varun Aggarwal (Engineering)
Poster #1469 presented 7/30 @ 1:30-2:30pm	Caleb Enos Zhang† Sarthak Tandon‡	Alexander V Kildishev (Engineering) Pranshu Maan (Engineering)
Talk #7000 presented 7/30 @ 10:00am	Johanna Walther†	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†	Amogh Natu (Engineering) Daniel Robert Guildenbecher (Engineering) Nuela Enebechi (Engineering)
Talk #7002 presented 7/30 @ 10:40am	Boyang Zhang† Pranav Tallapaka‡	Jan-Anders E Mansson (Engineering) Daniel Castro Mesa (Engineering) Lipi Roy (Engineering)
Talk #7003 presented 7/30 @ 10:00am	Azeem Ehtisham†	Xinyu Zhang (Engineering) Ehijie Ebewe (Polytechnic) Jia Lin Cheoh (Engineering)
Talk #7004 presented 7/30 @ 10:20am	William Andres Bayona Vergara†	Rua Mae Williams (Polytechnic) Jorge Enrique Neira Garcia (Engineering)
Talk #7005 presented 7/30 @ 10:40am	Mihir Samanyu Talamudip†	Kris Villez (Oak Ridge National Laboratory) David Warsinger (Engineering) David Matthew Czerwonky (Engineering)
Talk #7015 presented 7/30 @ 11:00am	Samridh Tiwari†	Om Tejas Kolhe (Engineering)
Talk #7016 presented 7/30 @ 11:20am	Alex Perry† Caleb Jonathan Radtke†	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†	Mariel Schroeder (HHS) Arielle Borovsky (HHS) Nuela Enebechi (Engineering)
Talk #7018 presented 7/30 @ 11:00am	Vahin Pichairaj†	Tae Yoon Kim (Engineering) Jeffery Robert Coulter (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Talk #7019 presented 7/30 @ 11:20am	Huy Bao Huynh†	Danial Davarnia (Engineering) Emily R Jakob (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7020 presented 7/30 @ 11:40am	Rohan Patel†	Sergey Gusev (Engineering) Anja Hribljan (Engineering) David Esteban Bernal Neira (Engineering) Waire Olawolu (Engineering)
Talk #7026 presented 7/30 @ 11:40am	Shashank Varamballi†	Leonid P Rokhinson (Science) Nuela Enebechi (Engineering)
Talk #7030 presented 7/30 @ 12:00pm	Changyeol Im†	Paris Gappmayr (HHS) David Matthew Czerwonky (Engineering)
Talk #7031 presented 7/30 @ 12:20pm	Lucas K Philip† Samuel B Angus* Cory Berlin Stephenson*	Joseph F Pekny (Engineering) Parker Haven LaTour (Engineering) Varun Aggarwal (Engineering)
Talk #7032 presented 7/30 @ 12:40pm	Roy Liu†	Qi Guo (Engineering) Andres Catalino Castillo Jimenez (Engineering)
Talk #7033 presented 7/30 @ 12:00pm	Luis Mariano Avalos Campa†	Isabelle Schaeckel (Science) Jonathan J Wilker (Science) David Matthew Czerwonky (Engineering)
Talk #7034 presented 7/30 @ 12:20pm	Samuel Kinstlinger†	Shraman Pal (Engineering) Can Li (Engineering) Waire Olawolu (Engineering)
Talk #7035 presented 7/30 @ 12:40pm	Raina Wang† Halaya Vann‡	Chao-Hsiang Chang (Engineering) Michael T Harris (Engineering) Waire Olawolu (Engineering)
Talk #7040 presented 7/30 @ 12:20pm	Justin Babilino†	Amy Chang (Engineering) Daniel Robert Guildenbecher (Engineering) David Matthew Czerwonky (Engineering)
Talk #7041 presented 7/30 @ 12:40pm	Samuel Timothy Bibeau†	Yu She (Engineering) Md Rakibul Islam Prince (Engineering) Monish Mahesh Lokhande (Engineering)
Talk #7045 presented 7/30 @ 1:00pm	Drake R Augustine† Kyle Landon Friedrich‡ Megan Rose Magee‡	Jan-Anders E Mansson (Engineering) Adeline Nora Ripberger (Engineering) Nuela Enebechi (Engineering)
Talk #7046 presented 7/30 @ 1:20pm	Santiago Melo Munoz†	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 Mesent†	Juan Camilo Osorio Pinzon (Engineering) Jhonatan Steven Rincon Angarita (Engineering) Andres Arrieta Diaz (Engineering)
Talk #7049 presented 7/30 @ 1:20pm	Chenrui Yin†	Lyndsey Nicole Graham (HHS) Bridgette Kelleher (HHS) Daniel J Foti (HHS) Varun Aggarwal (Engineering)

Presentation	Students	Mentors and Other Acknowledgments
Talk #7050 presented 7/30 @ 1:40pm	Camila Uribe† Juan Pablo Monge Mesen‡	Juan Camilo Osorio Pinzon (Engineering) Jhonatan Steven Rincon Angarita (Engineering) Andres Arrieta Diaz (Engineering) Jorge Enrique Neira Garcia (Engineering)
Talk #7055 presented 7/30 @ 1:20pm	William Zheng† Benjamin Tencza‡ Nicolas Bustamante‡	Holman Lau (Engineering) Li Qiao (Engineering)
Talk #7056 presented 7/30 @ 1:40pm	Alana N White†	Rajamani P Gounder (Engineering) Sarah Gustafson Wagers (Engineering) Waire Olawolu (Engineering)
Talk #7058 presented 7/30 @ 1:20pm	Ishaan Brar†	Ujjawal Arya (Engineering) Ganesh Subbarayan (Engineering) David Matthew Czerwony (Engineering)
Talk #7060 presented 7/30 @ 2:00pm	Isabelle Anne Hunt† Ava Fuchs‡ Sachenka Katrina Angel Aranguena‡ Jennifer Marie Bowles‡	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†	Jonathan Lopez (Science) Catherine L Searle (Science) Jorge Enrique Neira Garcia (Engineering)
Talk #7062 presented 7/30 @ 2:40pm	Halaya Vann† Raina Wang‡	Chao-Hsiang Chang (Engineering) Michael T Harris (Engineering) Waire Olawolu (Engineering)
Talk #7075 presented 7/30 @ 3:00pm	Carman Stanton†	Hatim Bamoumen (Engineering) Farhan Ishraque Zahin (Engineering) Kevin J Webb (Engineering)
Talk #7076 presented 7/30 @ 3:20pm	Pranav Tallapaka† Boyang Zhang‡	Jan-Anders E Mansson (Engineering) Daniel Castro Mesa (Engineering) Lipi Roy (Engineering)
Talk #7077 presented 7/30 @ 3:40pm	Ana Clara de Medeiros Morais† Dominic Nathaniel Muniz‡	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†	Linlin Li (Engineering)
Talk #7079 presented 7/30 @ 3:20pm	Aryan Daga†	Anelya Zhussupbekova (Engineering) Alberto Castillo (Engineering) Jan Olek (Engineering) Raikhan Tokpatayeva (Engineering) Varun Aggarwal (Engineering)
Talk #7080 presented 7/30 @ 3:40pm	Rishab Sai Vempati†	Jason Wu (Science) Nuela Enebechi (Engineering)