

Summer 2024 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:

- Purdue students' divisions are based on institutional academic data. (Visiting students do not have a division.)
- Purdue mentors' divisions are based on their primary appointment at Purdue.
- Name spellings appear as submitted in OURConnect. Names may be edited (for future reporting) via "my profile" in OURConnect.

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

Presentation	Students	Mentors
Poster #1006 presented 7/25 @ 9:00-10:00am	Spasko Aleksov† (Engineering) Paige Alicia Greenfield* (Engineering) Xu Lu* (Polytechnic)	Logan Jacob Melican (Engineering)
Poster #1007 presented 7/25 @ 9:00-10:00am	Rishika Bera†	Karthik Ramani (Engineering) Asim Unmesh (Engineering) Runlin Duan (Engineering) Mayank Harendra Patel (Engineering)
Poster #1008 presented 7/25 @ 9:00-10:00am	Reed G Brzezinski†	Ilya Slizovskiy (Veterinary Medicine)
Poster #1009 presented 7/25 @ 9:00-10:00am	Marie Emilie Charbonnier†	Rusi P Taleyarkhan (Engineering) Stepan Ozerov (Engineering)
Poster #1010 presented 7/25 @ 9:00-10:00am	Hannah Y Chunt† (Engineering)	David Neal Halbrooks (Purdue University)
Poster #1011 presented 7/25 @ 9:00-10:00am	Atin Dewan† (Engineering JMHC)	Fiona Kolbinger (Engineering)
Poster #1012 presented 7/25 @ 9:00-10:00am	Sofia Victoria Duran Quiroga†	Tyler Renee Pikes (Office of the Provost)
Poster #1013 presented 7/25 @ 9:00-10:00am	Marzuk Hasan†	Ethan P Wissmann (Engineering)
Poster #1014 presented 7/25 @ 9:00-10:00am	Anja Hribljan† Daniel Sich‡	Brett Savoie (Engineering) Andrew Bartlett Schofield (Engineering)
Poster #1015 presented 7/25 @ 9:00-10:00am	Joyce Hu†	Waqas Alam (Engineering) David Warsinger (Engineering)
Poster #1016 presented 7/25 @ 9:00-10:00am	Saloni Jajoot† (Science)	Fiona Kolbinger (Engineering)
Poster #1017 presented 7/25 @ 9:00-10:00am	Adib Kabir† Arun Arjunakani*	Arnab Banerjee (Science)
Poster #1018 presented 7/25 @ 9:00-10:00am	Ali Kalmagambetov† (Engineering)	Alberto Castillo (Engineering) Jan Olek (Engineering) Maria Mirian Velay Lizancos (Engineering)
Poster #1019 presented 7/25 @ 9:00-10:00am	Hanhyun Kwak† (Engineering)	Harry Kangseok Lee (Engineering) Garam Kim (Polytechnic) Eduardo Barocio Vaca (Engineering)
Poster #1020 presented 7/25 @ 9:00-10:00am	Jai Nanda Lakamsani† (Polytechnic)	Yu She (Engineering)
Poster #1021 presented 7/25 @ 9:00-10:00am	Morgan Grace Laskowski† (Science)	Angeline M Lyon (Science) Elisabeth E Garland (Science)
Poster #1022 presented 7/25 @ 9:00-10:00am	Aaryan Sachin Lath† (Engineering)	Shirley J Dyke (Engineering) Oscar Daniel Forero velez (Engineering)
Poster #1023 presented 7/25 @ 9:00-10:00am	Ian Laudo† (Engineering)	Leifur Thor Leifsson (Engineering)
Poster #1024 presented 7/25 @ 9:00-10:00am	Ilhoon Lee† (Science)	Madeleine Shuhn Tsua Yuh (Engineering) Neera Jain (Engineering)
Poster #1025 presented 7/25 @ 9:00-10:00am	Matthew S Leight† (Engineering JMHC) Eleanor Captola Hostetler‡ (Engineering)	Joseph S Jewell (Engineering) Siddharth Bhatnagar (Engineering)
Poster #1026 presented 7/25 @ 9:00-10:00am	Chenyu Li†	Jeonghui Kim (Engineering) Letian Dou (Engineering)

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Presentation	Students	Mentors
Poster #1027 presented 7/25 @ 9:00-10:00am	En-tsz Liu† (Engineering)	Mehrnoosh Afshang (Engineering) Kelly Schultz (Engineering)
Poster #1028 presented 7/25 @ 9:00-10:00am	Emma Lombardo†	Yung-Hsiang Lu (Engineering)
Poster #1029 presented 7/25 @ 9:00-10:00am	Lionel Yek-Yau Loo† (Science)	David M Umulis (Office of the Provost)
Poster #1030 presented 7/25 @ 9:00-10:00am	Uyen Linh Ly†	Isabelle Kathryn Schaekel (Science) Jonathan J Wilker (Science)
Poster #1031 presented 7/25 @ 9:00-10:00am	Matthew William Margraff (Engineering)	Evelyn Marie Nonamaker (Engineering) Luis Solorio (Engineering)
Poster #1032 presented 7/25 @ 9:00-10:00am	Jax Patrick Marrone† (Engineering) Andres Navarro‡ (Science) Sahil Vijay Desai‡ (Engineering JMHC) Emily Le Bell‡ (Science)	Edward L Bartlett (Science) Meredith Christine Ziliak (Science)
Poster #1033 presented 7/25 @ 9:00-10:00am	Joseph Mayer† (Engineering)	You-Yeon Won (Engineering) Samruddhi Moreswar Patil (Engineering) Sung-Ho Shin (Engineering)
Poster #1034 presented 7/25 @ 9:00-10:00am	Aishwarya Menon† (Engineering)	Shrivatsa Shrirang Korde (Engineering) Gintaras Reklaitis (Engineering) Zoltan Nagy (Engineering)
Poster #1035 presented 7/25 @ 9:00-10:00am	Tyler Merrill† (Engineering)	Kevin J Webb (Engineering) Abdelrahman Salem (Engineering) Paula-Marie Ivey (HHS)
Poster #1036 presented 7/25 @ 9:00-10:00am	Logan Mick† (Engineering)	Kendra A Erk (Engineering) Akul Seshadri (Engineering)
Poster #1037 presented 7/25 @ 9:00-10:00am	Tomas Montoya† (Engineering)	Shivam Sharma (Engineering)
Poster #1038 presented 7/25 @ 9:00-10:00am	Luisa Valentina Mora Perez†	Bruce M Applegate (Agriculture)
Poster #1039 presented 7/25 @ 9:00-10:00am	Andy Nguyen†	Philip Eugene Pare (Engineering)
Poster #1040 presented 7/25 @ 9:00-10:00am	Michelle Perez Aguilar†	Zahra Ghodsi (Engineering)
Poster #1041 presented 7/25 @ 9:00-10:00am	Kayla Renae Phillips† (Engineering JMHC)	Cristian Eduardo Vargas Ordonez (Engineering) Yash Ajay Garje (Engineering)
Poster #1042 presented 7/25 @ 9:00-10:00am	Ankita Prasad† (Engineering JMHC)	Saloni Darji (Science) Marissa Elaine Henager (Science) David Thompson (Science)
Poster #1043 presented 7/25 @ 9:00-10:00am	Eliana Saavedra†	Zachary Kristopher Beickman (Engineering) Julie C Liu (Engineering)
Poster #1044 presented 7/25 @ 9:00-10:00am	Luisa Sanchez†	Feng Zhu (Science)
Poster #1045 presented 7/25 @ 9:00-10:00am	Neelesh Sarathy† (Science Graduate JMHC)	Mohit Verma (Engineering) Bibek Raut (Engineering)
Poster #1046 presented 7/25 @ 9:00-10:00am	Nistha Shrestha†	Sathish Rajendran (Engineering)
Poster #1047 presented 7/25 @ 9:00-10:00am	Daniel Sich† Anja Hribljan‡	Brett Savoie (Engineering) Andrew Bartlett Schofield (Engineering)
Poster #1048 presented 7/25 @ 9:00-10:00am	Shreya Sinha† (Engineering)	Deva Chan (Engineering) Mikayla Angelique Roach (Engineering)
Poster #1049 presented 7/25 @ 9:00-10:00am	Pedro Daniel Soto Rodriguez† (Engineering JMHC) Ludvik Mathis Fjeld* (Engineering)	Eduardo Barocio Vaca (Engineering)
Poster #1050 presented 7/25 @ 9:00-10:00am	Drake William Strait† (Engineering JMHC)	Sandro Matosevic (Pharmacy) Xinyu Wu (Pharmacy) Tyler Parker Fritsch (Pharmacy) Kumar Rishabh (Pharmacy)
Poster #1051 presented 7/25 @ 9:00-10:00am	Vihaan Vajpayee† (Science) Andrew Joseph Thompson* (Science)	Enrique Daniel Saldivar Carranza (Engineering) Darcy M Bullock (Engineering)
Poster #1052 presented 7/25 @ 9:00-10:00am	Edward Vane† (Engineering)	Dheeraj Govindrao Waghmare (Engineering)

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

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Presentation	Students	Mentors
Poster #1053 presented 7/25 @ 9:00-10:00am	Nishant Vasant† Haddy Elie Alchaer‡ (Engineering)	Karthik Ramani (Engineering) Dizhi Ma (Engineering)
Poster #1054 presented 7/25 @ 9:00-10:00am	Lily Avery Waterman† (Engineering)	David Warsinger (Engineering) Md Ashiqur Rahman (Engineering)
Poster #1055 presented 7/25 @ 9:00-10:00am	Thomas B Wooldridge† (Engineering)	Li Qiao (Engineering) Holman Lau (Engineering)
Poster #1255 presented 7/25 @ 10:30-11:30am	Ozan Altuntas† (Engineering)	Laura J Pyrak-Nolte (Science) Alexandra Blair Clark (Science)
Poster #1256 presented 7/25 @ 10:30-11:30am	Ishaan Breinig† (Engineering)	Li Qiao (Engineering) Afaque Alam (Engineering)
Poster #1257 presented 7/25 @ 10:30-11:30am	Piyush Dnyaneshwar Chhallare† (Science)	Arnab Banerjee (Science) Bishnu Prasad Belbase (Science)
Poster #1258 presented 7/25 @ 10:30-11:30am	Jacob Daniel† (Engineering JMHC)	Gaurav Somnath Chobe (Engineering)
Poster #1259 presented 7/25 @ 10:30-11:30am	Rishipreet Singh Dhiri† (Engineering)	Sean Yenyu Lai (Engineering) David Neal Halbrooks (Purdue University)
Poster #1260 presented 7/25 @ 10:30-11:30am	Jack Rearden Ferlazzo† (Engineering JMHC)	Anwarul Islam Akash (Engineering) Xianfan Xu (Engineering) Jason Johnson (Engineering) Ishat Raihan Jamil (Engineering)
Poster #1261 presented 7/25 @ 10:30-11:30am	Nicolas Giesemann† (Engineering)	Andrea Vacca (Engineering) Timir Rajendra Patel (Engineering)
Poster #1262 presented 7/25 @ 10:30-11:30am	Kyle Jeffery Heaton† (Engineering JMHC)	Taimoor Hasan Qazi (Engineering)
Poster #1263 presented 7/25 @ 10:30-11:30am	Liam Q Johnson† (Engineering) Lokesh Sriram* (Engineering) Benjamin Garrett Drillings* Levi Darian Reyes Premer* (Graduate)	Elias Nikolaos Pergantis (Engineering) Kevin James Kircher (Engineering)
Poster #1264 presented 7/25 @ 10:30-11:30am	Xu Lu† (Polytechnic) Spasko Aleksov* (Engineering) Benjamin Charles Miller* (Engineering)	Logan Jacob Melican (Engineering)
Poster #1265 presented 7/25 @ 10:30-11:30am	Jiawen Lyu† (Science)	Amy R Reibman (Engineering) Manu Ramesh (Engineering)
Poster #1266 presented 7/25 @ 10:30-11:30am	Karla Erendira Obermeier Velazquez†	Santiago Torres Arias (Engineering)
Poster #1267 presented 7/25 @ 10:30-11:30am	Vidit Hemal Patel† (Science JMHC)	Martin Byung-Guk Jun (Engineering)
Poster #1268 presented 7/25 @ 10:30-11:30am	Carolyn Sun†	Kevin J Webb (Engineering) Adam Winston Behnke (Engineering) Thomas J Pollei (Engineering)
Poster #1269 presented 7/25 @ 10:30-11:30am	Andrew Joseph Thompson† (Science) Vihaan Vajpayee* (Science)	Enrique Daniel Saldivar Carranza (Engineering) Darcy M Bullock (Engineering)
Poster #1270 presented 7/25 @ 10:30-11:30am	Evan R Williams† (Engineering)	Matthew Kaboolian (Engineering) Kendra A Erk (Engineering)
Poster #1426 presented 7/25 @ 12:00-1:00pm	Gianna Marie Arnone† (Engineering) Matthew William Vaughn* (Graduate)	Diane Collard (Engineering)
Poster #1427 presented 7/25 @ 12:00-1:00pm	Apoorva Bahl† (Engineering) Stella Mae Betts‡ (Engineering)	Hitesh Bindra (Engineering) Broderick Michael Sieh (Engineering)
Poster #1428 presented 7/25 @ 12:00-1:00pm	Stella Mae Betts† (Engineering) Apoorva Bahl‡ (Engineering)	Hitesh Bindra (Engineering) Broderick Michael Sieh (Engineering)
Poster #1429 presented 7/25 @ 12:00-1:00pm	Trisha Boodhoo† (Engineering)	Bairav Sabarish Vishnugopi (Engineering) Partha P Mukherjee (Engineering) Arpan Kumar Sharma (Engineering)
Poster #1430 presented 7/25 @ 12:00-1:00pm	Ryan L Bottini† (Engineering)	Cagri Un (Engineering)
Poster #1431 presented 7/25 @ 12:00-1:00pm	Zarif Cabrera†	Philip Eugene Pare (Engineering)
Poster #1432 presented 7/25 @ 12:00-1:00pm	Pablo Cambra Valcarcel†	Davide Ziviani (Engineering) Feng Wu (Engineering) Panagiota Karava (Engineering)

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Presentation	Students	Mentors
Poster #1433 presented 7/25 @ 12:00-1:00pm	Rafael Casas Lozano†	Xingshan Cui (Science)
Poster #1434 presented 7/25 @ 12:00-1:00pm	Zhiyuan Chen† (Engineering)	Taimoor Hasan Qazi (Engineering)
Poster #1435 presented 7/25 @ 12:00-1:00pm	Rem Quintin Villanueva David†	Christopher J Staiger (Agriculture) Weiwei Zhang (Agriculture)
Poster #1436 presented 7/25 @ 12:00-1:00pm	Luke DeLion† (Engineering)	Sophia R Dasaro (Engineering) Kurt Ristroph (Engineering)
Poster #1437 presented 7/25 @ 12:00-1:00pm	Martin Detloff†	James C Davis (Engineering)
Poster #1438 presented 7/25 @ 12:00-1:00pm	Victor Alexander Dossin† (Engineering)	Seyedmehdi Sharifian (Engineering) Nien-hwa L Wang (Engineering)
Poster #1439 presented 7/25 @ 12:00-1:00pm	David S Estrella† (Engineering)	R Edwin Garcia (Engineering) Haiyan Wang (Engineering)
Poster #1440 presented 7/25 @ 12:00-1:00pm	Bryan Gong†	Monique Suzanne McClain (Engineering) Andrew Stephen Bok (Engineering)
Poster #1441 presented 7/25 @ 12:00-1:00pm	Solomon J Houchen†	Daniel Quinn (Agriculture)
Poster #1442 presented 7/25 @ 12:00-1:00pm	Chi-En Huang† (Engineering)	Isaac Stonewall Wheeler (Engineering) Vivek Narsimhan (Engineering) Alina Alexeenko (Engineering)
Poster #1443 presented 7/25 @ 12:00-1:00pm	Nathan Joseph† (Engineering) Edward Vane† (Engineering)	Margaritis Tonidis (Engineering)
Poster #1444 presented 7/25 @ 12:00-1:00pm	Shreya Joshy† (Science) Brooke Allison Pilkey‡ (Science) Silas Henry Buchanan‡ (Agriculture)	Rebecca Lynn Leuschen-kohl (Agriculture) Stephen R Lindemann (Agriculture) Rwivoo Baruah (Agriculture) Anjali Iyer-Pascuzzi (Agriculture)
Poster #1445 presented 7/25 @ 12:00-1:00pm	Basil Khwaja† (Engineering)	Yuan-Yao Lou (Engineering) Kwang Taik Kim (Engineering)
Poster #1446 presented 7/25 @ 12:00-1:00pm	Nils Kiefert†	Nina Mahmoudian (Engineering)
Poster #1447 presented 7/25 @ 12:00-1:00pm	Manila Kunwar† (Engineering) Ruey-Bin Tsai‡ Junyeong Ahn‡ (Engineering)	Jeffrey P Youngblood (Engineering) Michael Titus (Engineering) Ching-Chien Chen (Engineering) David R Johnson (Engineering)
Poster #1448 presented 7/25 @ 12:00-1:00pm	Qi Heng Law† (Engineering)	Rusi P Taleyarkhan (Engineering) Stepan Ozerov (Engineering)
Poster #1449 presented 7/25 @ 12:00-1:00pm	Craig Liu† (Science)	Jenna L Wise DiVincenzo (Engineering)
Poster #1450 presented 7/25 @ 12:00-1:00pm	Ismael A Luna†	David J Cappelleri (Vice President Research) Ki Tae Kim (Engineering) Aarya Deb (Engineering)
Poster #1451 presented 7/25 @ 12:00-1:00pm	Minh An Nguyen Luu†	Brandon Boor (Engineering) Satya Sundar Patra (Engineering) Nusrat Jung (Engineering)
Poster #1452 presented 7/25 @ 12:00-1:00pm	Ellen Ma†	Ismar Leonel Chew (Engineering) Monique Suzanne McClain (Engineering)
Poster #1453 presented 7/25 @ 12:00-1:00pm	Louden James Maciag† (Science JMHC)	David Thompson (Science) Marissa Elaine Henager (Science)
Poster #1454 presented 7/25 @ 12:00-1:00pm	Nicole Marie Maneatis† (Engineering)	Zherui Martinez-Guo (Engineering) Cody Dean Kirk (Engineering)
Poster #1455 presented 7/25 @ 12:00-1:00pm	Rafael Monteiro Martins Pinheiro† (Science)	Ivan C Christov (Engineering)
Poster #1456 presented 7/25 @ 12:00-1:00pm	Nicolas Miguel Murillo Cristancho† Nicolas Rendon Arias‡ Sehyeon Lim‡	Walter Daniel Leon-Salas (Polytechnic)
Poster #1457 presented 7/25 @ 12:00-1:00pm	Angie Catalina Parra Ovelencio† Pedro Daniel Soto Rodriguez‡ (Engineering JMHC)	Andreas Jung (Science) Sushrut Karmarkar (Science)
Poster #1458 presented 7/25 @ 12:00-1:00pm	Hemisha Shardul Patel† (Science)	Yash Ajay Garje (Engineering) Cristian Eduardo Vargas Ordonez (Engineering)

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

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Presentation	Students	Mentors
Poster #1459 presented 7/25 @ 12:00-1:00pm	Milan Edward Rahmani† (Engineering) Sota Yanagisawa‡ (Engineering)	Abhijnan Dikshit (Engineering) Pavankumar Channabasa Koratikere (Engineering) Leifur Thor Leifsson (Engineering)
Poster #1460 presented 7/25 @ 12:00-1:00pm	Paula Sanchez Ulloa†	Xiwei Shan (Engineering) Tian Li (Engineering)
Poster #1461 presented 7/25 @ 12:00-1:00pm	Paul William Swift† (Engineering JMHC)	Bruno Tesini Roseguini (HHS) Bohyun Ro (HHS) Luke Schepers (Engineering) Craig Goergen (Engineering) Qifan Song (Science)
Poster #1462 presented 7/25 @ 12:00-1:00pm	Julia Janina Szela† (Engineering)	Barrett Freeland Davis (Engineering) Tamara L Kinzer-Ursem (Engineering)
Poster #1463 presented 7/25 @ 12:00-1:00pm	Andres Uzcategui† (Engineering)	Krishna Jayant (Engineering)
Poster #1464 presented 7/25 @ 12:00-1:00pm	Kartavya Vashishtha† (Science JMHC)	Anmol Sahoo (Science) Suresh Jagannathan (Science)
Poster #1465 presented 7/25 @ 12:00-1:00pm	Gaurav Vermani† (Engineering)	Aravind Machiry (Engineering) Shashank Sharma (Engineering) Ayushi Sharma (Engineering)
Poster #1466 presented 7/25 @ 12:00-1:00pm	William Yau† Weijian Zhang‡ (Graduate)	Stanley H Chan (Science)
Poster #1467 presented 7/25 @ 12:00-1:00pm	Matthew T Zegarski† (Engineering)	Barrett Freeland Davis (Engineering) Tamara L Kinzer-Ursem (Engineering)
Poster #1468 presented 7/25 @ 12:00-1:00pm	Bryan Zhang†	James C Davis (Engineering)
Poster #1469 presented 7/25 @ 12:00-1:00pm	Mohammed Abdul Gani Zilani†	Mohseu Rashid Subah (Engineering) Rachel Kathleen Surowiec (Engineering)
Poster #1470 presented 7/25 @ 12:00-1:00pm	Jiyong Zou†	Carlos J Martinez (Engineering) Nicole Lin Franklin (Engineering)
Poster #1610 presented 7/25 @ 1:30-2:30pm	Junyeong Ahn† (Engineering) Manila Kunwar‡ (Engineering) Ruey-Bin Tsai‡	Jeffrey P Youngblood (Engineering) Michael Titus (Engineering) David R Johnson (Engineering)
Poster #1611 presented 7/25 @ 1:30-2:30pm	Alex James Alonzo† (Science JMHC) Jennifer Caraballo‡	Shalini T Low-Nam (Science) Joy Wu (Science) Vinay K Menon (Science)
Poster #1612 presented 7/25 @ 1:30-2:30pm	Sho Amagai† (Science) Levi M Johnson† (Science)	Severin Thomas Schneebeili (Science) Kyle Timothy Faivre (Science)
Poster #1613 presented 7/25 @ 1:30-2:30pm	Arjun Singh Bhadoria† (Engineering JMHC)	Rajamani P Gounder (Engineering) Enrique Iglesia (Engineering) Ryoh-suke Sekiya (Engineering)
Poster #1614 presented 7/25 @ 1:30-2:30pm	Jose Abraham Bolanos Vargast† (Engineering)	Dimitrios Peroulis (Purdue University) Alex David Santiago Vargas (Engineering)
Poster #1615 presented 7/25 @ 1:30-2:30pm	Riley N Brown† (Science)	Abram J Axelrod (Pharmacy)
Poster #1616 presented 7/25 @ 1:30-2:30pm	Nicholas Herschel Burris† (Engineering)	Awadh Mubarak M Al Hawwash (Engineering) Ken Yoshida (Engineering)
Poster #1617 presented 7/25 @ 1:30-2:30pm	Yuyuan Cao†	Denny Yu (Engineering) Jingkun Wang (Engineering)
Poster #1618 presented 7/25 @ 1:30-2:30pm	Belen Noemi Carrasco Grandes†	Manni Zhang (Engineering) Ana Estrada Gomez (Engineering)
Poster #1619 presented 7/25 @ 1:30-2:30pm	Daniel Matthew Chambers† (Science)	Chang Ding (Science)
Poster #1620 presented 7/25 @ 1:30-2:30pm	Ethan Chieng Chiao† (Engineering)	Jason Dwight McKinney (Engineering) Lucas Michael Cohen (Engineering)
Poster #1621 presented 7/25 @ 1:30-2:30pm	Hyunsang Cho† (Engineering) Christopher Li Gou‡ (Science) Aditya S Hebbani‡ (Engineering)	Richard M Voyles (Polytechnic)
Poster #1622 presented 7/25 @ 1:30-2:30pm	Owen J Cochell†	Paschal Chukwuebuk Amusuo (Engineering)

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Presentation	Students	Mentors
Poster #1623 presented 7/25 @ 1:30-2:30pm	Wyatt Paul Crain† (Science)	Julia Laskin (Science) Xilai Li (Science)
Poster #1624 presented 7/25 @ 1:30-2:30pm	Miles T Davis†	Morgan Renee Broberg (Purdue University) Sean Dankoski (Engineering) Kaitlyn Amber Kondos (Engineering)
Poster #1625 presented 7/25 @ 1:30-2:30pm	Haozhen Dong†	HUIYANG LI (Engineering)
Poster #1626 presented 7/25 @ 1:30-2:30pm	Abigail J Dressman† (Engineering)	Sunghee Park (Engineering)
Poster #1627 presented 7/25 @ 1:30-2:30pm	Samuel Duprey† (Science)	Yi Wu (Science) Lin Tan (Science)
Poster #1628 presented 7/25 @ 1:30-2:30pm	Defne Ekici† (Engineering)	Deva Chan (Engineering) Janice Perry Evans (Science)
Poster #1629 presented 7/25 @ 1:30-2:30pm	Alan Fu† (Engineering)	Junjie Luo (Engineering) Qi Guo (Engineering)
Poster #1630 presented 7/25 @ 1:30-2:30pm	Zhichen Guant	Mateo Roldan Carvajal (Engineering) David Warsinger (Engineering) Davide Ziviani (Engineering)
Poster #1631 presented 7/25 @ 1:30-2:30pm	Priyam Gupta† (Science JMHC)	Jenna L Wise DiVincenzo (Engineering)
Poster #1632 presented 7/25 @ 1:30-2:30pm	Ana S Hernandez† (Engineering) Stephanie Maureen Poore† (Engineering)	Luis Solorio (Engineering)
Poster #1633 presented 7/25 @ 1:30-2:30pm	Hsin-Wei Hsieh† (Engineering)	Sivaranjani Seetharaman (Engineering)
Poster #1634 presented 7/25 @ 1:30-2:30pm	Ricardo Andrews Huertast	Xiulin Ruan (Engineering) Andrea Lorena Felicelli (Engineering) Ioanna Katsamba (Engineering)
Poster #1635 presented 7/25 @ 1:30-2:30pm	Junwoo Jang† (Engineering)	Neil Ghosh (Engineering) Xianfan Xu (Engineering)
Poster #1636 presented 7/25 @ 1:30-2:30pm	William P Jiang† (Science JMHC) Shrinand Perumal* (Science) Shivam Hemal Trivedi*	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering) Purvish Jatin Jajal (Engineering)
Poster #1637 presented 7/25 @ 1:30-2:30pm	Hina Leilani Kadono† (Science JMHC)	Yang Yang (Pharmacy) Manasi Suchit Halurkar (Pharmacy)
Poster #1638 presented 7/25 @ 1:30-2:30pm	Jake Kim† (Engineering)	Dina Wael Samir Khattab (Engineering) Xiaoling Shen (Engineering)
Poster #1639 presented 7/25 @ 1:30-2:30pm	Mason J Kramer† (Engineering JMHC)	Demetrius Gulewicz (Engineering) Neera Jain (Engineering)
Poster #1640 presented 7/25 @ 1:30-2:30pm	Shreya Krishnan† (Engineering)	Jianing Li (Pharmacy) Talon Hicks (Office of the Provost)
Poster #1641 presented 7/25 @ 1:30-2:30pm	Elan Landaut	Yung-Hsiang Lu (Engineering)
Poster #1642 presented 7/25 @ 1:30-2:30pm	Ahhyun Leet	Craig Goergen (Engineering) Elnaz Ghajar-Rahimi (Engineering) Felix Dinklage (Engineering)
Poster #1643 presented 7/25 @ 1:30-2:30pm	Richard Li† (Science JMHC)	Hojun Lee (Engineering)
Poster #1644 presented 7/25 @ 1:30-2:30pm	Madison Sarah Loisselle† (Engineering)	Fiona Kolbinger (Engineering)
Poster #1645 presented 7/25 @ 1:30-2:30pm	Mallory A Luse† (Agriculture)	Jeffrey P Youngblood (Engineering) Roland Conrad Wilhelm (Agriculture) Caitlin Rose Proctor (Engineering) Xilong Wang (Science) Arval Viji Elango (Agriculture)
Poster #1646 presented 7/25 @ 1:30-2:30pm	Maria Macias† (Engineering) Angelica Sofia Gonzalez-Ng* (Engineering)	Madison Mckensi Howard (Engineering) Luis Solorio (Engineering)
Poster #1647 presented 7/25 @ 1:30-2:30pm	Lillian Grace Maldia† (Engineering)	Caitlin Rose Proctor (Engineering)
Poster #1648 presented 7/25 @ 1:30-2:30pm	Nashe Bumi Mucharambeyi† (Engineering)	Jay Gore (Engineering) Dileepan Velu (Engineering)

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Presentation	Students	Mentors
Poster #1649 presented 7/25 @ 1:30-2:30pm	Siddharth Murali†	Stanley Yung-Ping Chien (Purdue University)
Poster #1650 presented 7/25 @ 1:30-2:30pm	Jihyo Park† (Engineering)	Upinder Kaur (Engineering)
Poster #1651 presented 7/25 @ 1:30-2:30pm	Brooke Allison Pilkey† (Science) Shreya Joshy‡ (Science) Silas Henry Buchanan‡ (Agriculture)	Rebecca Lynn Leuschen-kohl (Agriculture) Anjali Iyer-Pascuzzi (Agriculture) Stephen R Lindemann (Agriculture) Rwivoo Baruah (Agriculture)
Poster #1652 presented 7/25 @ 1:30-2:30pm	Gayatri Pradeep†	Rachel Kathleen Surowiec (Engineering)
Poster #1653 presented 7/25 @ 1:30-2:30pm	Abhishek Raj†	Rusi P Taleyarkhan (Engineering) Bailey Alexander Christensen (Engineering) Stepan Ozerov (Engineering)
Poster #1654 presented 7/25 @ 1:30-2:30pm	Sidney Evan Ryan† (Engineering) En-Hua Chang‡ (Engineering)	Amy M Marconnet (Engineering) Piyush Mani Tripathi (Engineering)
Poster #1655 presented 7/25 @ 1:30-2:30pm	Thomas Edgardo Schmitz† (Engineering JMHC) Armando David Galicia Huerta‡	Eduardo Barocio Vaca (Engineering) Harry Kangseok Lee (Engineering)
Poster #1656 presented 7/25 @ 1:30-2:30pm	Audrey Ye-Ning Schuster† (Engineering JMHC)	Rebecca Ciez (Engineering)
Poster #1657 presented 7/25 @ 1:30-2:30pm	Alexander Joseph Spilotro† (Engineering)	Riley Bradley Barta (Engineering) Joshua Michael Cox (Engineering)
Poster #1658 presented 7/25 @ 1:30-2:30pm	Madeline Jane Stevenson† (Engineering) Luhao Xu* (Engineering) Shlok Rajesh Kulkarni* (Engineering JMHC)	Arezoo Ardekani (Engineering) Harsa Mitra (Engineering)
Poster #1659 presented 7/25 @ 1:30-2:30pm	Maitreyee Panini Telang† (Science)	GuangJun Zhang (Veterinary Medicine) Ziyu Dong (Science)
Poster #1660 presented 7/25 @ 1:30-2:30pm	Ilene Trach† (Engineering) Case T Vandeveld† (Engineering)	Yu Wang (Engineering)
Poster #1661 presented 7/25 @ 1:30-2:30pm	Case T Vandeveld† (Engineering) Ilene Trach† (Engineering)	Yu Wang (Engineering)
Talk #7000 presented 7/25 @ 9:00am	Ryan Thomas Jordan† (Engineering JMHC) Tim Nadolsky* (Science) Edward Falcon Navarro* (Science JMHC) Ping-Hung Nick Ko* (Engineering) Caasi Nketiah Boakye* (Science) Minsoo Oh* (Science) Brian Mingyang Qi* (Science) Anthony Wang* (Science) Connor	Yeon Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering) Purvish Jatin Jajal (Engineering)
Talk #7001 presented 7/25 @ 9:20am	Santiago Reinoso Castillo†	Christopher G Oakley (Agriculture) Juan Diego Rojas Gutierrez (Agriculture)
Talk #7002 presented 7/25 @ 9:40am	Michael Cheng† (Science)	Lin Tan (Science) Jiang (Science)
Talk #7003 presented 7/25 @ 9:00am	Andrew Lewis Hadikusumo† (Engineering)	Shijun Zhou (Engineering) Nak-seung Patrick Hyun (Engineering)
Talk #7004 presented 7/25 @ 9:20am	Amber K Wang† (Science)	Lynn Elizabeth Krushinski (Science) Jeffrey Edward Dick (Science)
Talk #7005 presented 7/25 @ 9:40am	Hurshal Pol† (HHS JMHC)	Jason R Cannon (Office of the Provost) Christina R Ferreira (Centers & Institutes) Josephine Maria Brown (HHS)
Talk #7008 presented 7/25 @ 9:20am	Fredrick G Mungai†	Justin Weibel (Engineering) Debraliz Isaac-Aragones (Engineering) David Warsinger (Engineering)
Talk #7009 presented 7/25 @ 9:40am	Aakarsh Misra†	Brett Savoie (Engineering) Sai Mahit Vaddadi (Engineering)
Talk #7010 presented 7/25 @ 9:00am	Marilyn Rego† (Science)	Jenna L Wise DiVincenzo (Engineering)
Talk #7011 presented 7/25 @ 9:20am	Sota Yanagisawa† (Engineering) Milan Edward Rahmani‡ (Engineering)	Abhijnan Dikshit (Engineering) Pavankumar Channabasa Koratikere (Engineering) Leifur Thor Leifsson (Engineering)

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Presentation	Students	Mentors
Talk #7012 presented 7/25 @ 9:40am	Thanmaya Pattanashetty† (Science) Joseph Michael Crompt† (Science)	Alexandria Volkening (Science)
Talk #7013 presented 7/25 @ 10:00am	Yijie Zhang† (Engineering) Shaocheng Wu‡ (Engineering)	Junfei Li (Engineering)
Talk #7014 presented 7/25 @ 10:20am	Chunge Li† (Engineering)	Brian Michael Tackett (Engineering) Joseph Nathanael Heil (Engineering)
Talk #7015 presented 7/25 @ 10:40am	Anel Zhussupbekova† (Engineering) Raikhan Tokpatayeva*	Jan Olek (Engineering)
Talk #7016 presented 7/25 @ 10:00am	Akansa Chauhan† (Engineering JMHC)	Jacqueline Linnes (Engineering) Lucy Teberh Teclé (Office of the Provost)
Talk #7017 presented 7/25 @ 10:20am	Tristen M West† (Science)	Michael Earl Reppert (Science) Jacob Hnatusko Wat (Science)
Talk #7018 presented 7/25 @ 10:40am	Nikki Lynn Zavodny† (Engineering)	Paula Danielly B Coelho (Engineering)
Talk #7024 presented 7/25 @ 10:00am	Everett Mason†	Eunseob Kim (Engineering) Ali Shakouri (Engineering)
Talk #7025 presented 7/25 @ 10:20am	Bethany Rita Kettleborough† (Science) Valentina Saenz* (Engineering)	Lisa Welp (Science)
Talk #7026 presented 7/25 @ 10:40am	Kamran Hajibayli† (Engineering)	Rakesh Agrawal (Engineering) Daniel Christian Hayes (Engineering)
Talk #7027 presented 7/25 @ 11:00am	Elliot Nick Brajkovich† (Science JMHC)	Elizabeth I Parkinson (Science) Samantha Nelson (Purdue University)
Talk #7028 presented 7/25 @ 11:20am	Brian G Mmari†	Upinder Kaur (Engineering) Jiajun An (Engineering)
Talk #7029 presented 7/25 @ 11:40am	Joseph Michael McAlear† (Engineering)	Logan Dihel (Engineering) Nak-seung Patrick Hyun (Engineering)
Talk #7030 presented 7/25 @ 11:00am	Makayla Nicole Phillips† (Engineering JMHC)	Joshua Sexton (Engineering)
Talk #7031 presented 7/25 @ 11:20am	Brenden Michael Bush† (Engineering)	Benjamin Kyle Murdock (Engineering) Robert P Lucht (Engineering)
Talk #7032 presented 7/25 @ 11:40am	En-Hua Chang† (Engineering) Sidney Evan Ryan‡ (Engineering)	Amy M Marconnet (Engineering) Piyush Mani Tripathi (Engineering)
Talk #7039 presented 7/25 @ 11:00am	Sarah Jimenez Rojas†	Richard J Kuhn (Science) Ryan George Peters (Science)
Talk #7040 presented 7/25 @ 11:20am	Niharika Narra† (Engineering JMHC)	Craig Goergen (Engineering) Cortland Hannah Johns (Engineering)
Talk #7041 presented 7/25 @ 11:40am	William Henry Stevens† (Science) Anh Nhu‡	Lei Wang (Science)
Talk #7042 presented 7/25 @ 12:00pm	Sarah Marie Staller† (Engineering JMHC)	Deva Chan (Engineering) Cameron Xavier Villarreal (Office of the Provost)
Talk #7043 presented 7/25 @ 12:20pm	Mathis Malaussen† (Engineering)	Alexey Shashurin (Purdue University) Lee E Organski (Engineering)
Talk #7044 presented 7/25 @ 12:40pm	Nikolai Baranov† (Engineering)	Parikesit Pandu Dewanatha (Engineering) Neera Jain (Engineering)
Talk #7045 presented 7/25 @ 12:00pm	Dan Ha Le†	Denny Yu (Engineering)
Talk #7046 presented 7/25 @ 12:20pm	Salomon Caro Castillo†	Caitlin Rose Proctor (Engineering)
Talk #7047 presented 7/25 @ 12:40pm	Namju Kim†	Jeanna Marie Blake (Veterinary Medicine) Madeline Christina Coffey (Office of the Provost) Kari J Ekenstedt (Veterinary Medicine)
Talk #7053 presented 7/25 @ 12:00pm	Shaocheng Wu† (Engineering) Yijie Zhang‡ (Engineering)	Junfei Li (Engineering)
Talk #7054 presented 7/25 @ 12:20pm	Sahil Vijay Desai† (Engineering JMHC) Jax Patrick Marrone‡ (Engineering) Andres Navarro‡ (Science) Emily Le Bell‡ (Science)	Edward L Bartlett (Science) Meredith Christine Ziliak (Science)
Talk #7055 presented 7/25 @ 12:40pm	Sevinch Pasilova†	Andres Tovar (Purdue University)

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Presentation	Students	Mentors
Talk #7056 presented 7/25 @ 1:20pm	Katy Brauer† (Engineering)	Kurt Ristroph (Engineering)
Talk #7057 presented 7/25 @ 1:40pm	Ishaan Kartik Singh† (Science JMHC)	Jing Liu (Science)
Talk #7058 presented 7/25 @ 1:00pm	Maria Munoz Perez†	Wen Jiang (Science) Daoyi Li (Science)
Talk #7059 presented 7/25 @ 1:20pm	Kristina Nicole Lodenquai† (Science)	Janice Perry Evans (Science) Allison Kay McCarthy (Science)
Talk #7060 presented 7/25 @ 1:40pm	Sungyu Choi† (Engineering)	Vallabh Suresh (Pharmacy)
Talk #7066 presented 7/25 @ 1:00pm	Gabriel Brandt de Toledo† (Engineering)	Ryan B Wagner (Engineering) Akshay Deolia (Engineering)
Talk #7067 presented 7/25 @ 1:20pm	Ruey-Bin Tsai† Junyeong Ahn‡ (Engineering) Manila Kunwar‡ (Engineering)	Jeffrey P Youngblood (Engineering) Michael Titus (Engineering) Ching-Chien Chen (Engineering)
Talk #7068 presented 7/25 @ 1:40pm	Conwy Zheng† (Engineering)	Daniel Kim (Science)
Talk #7069 presented 7/25 @ 2:00pm	Sai Shashank Mukkera† (Science)	Gaia Cervini (Engineering) Ricardo Chahine (Engineering) Nadia Gkritza (Engineering)
Talk #7070 presented 7/25 @ 2:20pm	Kyenret Yakubu Ayuba† (Engineering JMHC)	Tonglei Li (Pharmacy) Doraiswami Ramkrishna (Engineering)
Talk #7071 presented 7/25 @ 2:40pm	Caroline Powell† (Science)	Michael Paul Zimmerman (Engineering)
Talk #7072 presented 7/25 @ 2:00pm	Kara Rochelle McCrindle† (Engineering)	Hyeondong Yang (Engineering) Rudra Sethu Viji (Engineering) Brett A Meyers (Centers & Institutes) Pavlos Vlachos (Centers & Institutes)
Talk #7073 presented 7/25 @ 2:20pm	Tyler Harrison Hsieh† (Engineering JMHC)	Sibibalan Jeevanandam (Engineering) Neera Jain (Engineering)
Talk #7074 presented 7/25 @ 2:40pm	Joseph Michael Crompt† (Science) Thanmaya Pattanashetty‡ (Science)	Alexandria Volkening (Science)
Talk #7081 presented 7/25 @ 2:00pm	Farren M Martinus† (Engineering)	Fiona Kolbinger (Engineering)
Talk #7082 presented 7/25 @ 2:20pm	Paul A Loughlin† (Engineering)	Juan Camilo Osorio Pinzon (Engineering)
Talk #7083 presented 7/25 @ 2:40pm	Urvi Mathur† (Engineering)	Zoltan Nagy (Engineering)
Talk #7084 presented 7/25 @ 3:00pm	Abigail Hyejin Lee† (Science JMHC)	Yuxin Zhuang (Agriculture) Majid Kazemian (Science)
Talk #7085 presented 7/25 @ 3:20pm	Yiyin Tao† (Science)	Christina W Li (Science)
Talk #7086 presented 7/25 @ 3:40pm	Jabez Soongeui Shint† (Science) Adriana Bustos Torres‡ (Science)	Ana Maria Ospina Larrea (Science) Ximena Bernal (Science)
Talk #7087 presented 7/25 @ 3:00pm	Simone Xin Moulton† (Engineering JMHC) Adriana K Sanchez* (Polytechnic)	Alexander Baena (Engineering) D. Marshall Porterfield (Agriculture)
Talk #7088 presented 7/25 @ 3:20pm	Anika Bhoopalam† (Engineering JMHC)	S S M Tareq Hossain (Engineering) Letian Dou (Engineering) Arun Kumar Mannodi Kanakkithodi (Engineering)
Talk #7089 presented 7/25 @ 3:40pm	Albert Li†	Neera Jain (Engineering) Jacob Grant Hunter (Engineering)
Talk #7096 presented 7/25 @ 3:00pm	Kazim Hussain Jafri† (Engineering)	David Warsinger (Engineering)
Talk #7097 presented 7/25 @ 3:20pm	Tyler S Dierckman† (Engineering JMHC)	Elsje Pienaar (Engineering) Trevor Jaan Shoaf (Engineering)
Talk #7098 presented 7/25 @ 3:40pm	Taeha Jeong†	Dengfeng Sun (Engineering) Xiaolin Xu (Engineering)
Talk #7099 presented 7/25 @ 4:00pm	Owen T Odney† (Science) William Andrew Messman* (Science JMHC)	Lei Wang (Science) Ka ying Ho (Science)

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Presentation	Students	Mentors
Talk #7100 presented 7/25 @ 4:20pm	Valentina Saenz† (Engineering) Bethany Rita Kettleborough* (Science)	Lisa Welp (Science)
Talk #7101 presented 7/25 @ 4:40pm	Maya Araujo† (Engineering JMHC)	Zherui Martinez-Guo (Engineering)
Talk #7102 presented 7/25 @ 4:00pm	Mathias Erik Bock Agerman†	Christopher G. Brinton (Engineering) JONGGWANG KIM (Engineering) Shreyas Sundaram (Engineering)
Talk #7103 presented 7/25 @ 4:20pm	Adam G Weber† (Engineering)	Karthik Sankaranarayanan (Engineering) Olga Costa Alves Souza (Office of the Provost)
Talk #7104 presented 7/25 @ 4:40pm	Junyoung Kim† (Engineering)	Ahmed Hussain Qureshi (Science) Hanwen Ren (Science)
Talk #7109 presented 7/25 @ 4:00pm	Ethan Michael DeVries† (Engineering) Mustafa Ugur* (Graduate)	Laura Helen Blumenschein (Engineering)
Talk #7110 presented 7/25 @ 4:20pm	Abigail Martin† (Science JMHC)	GuangJun Zhang (Veterinary Medicine) Ziyu Dong (Science)