

Fall 2023 Undergraduate Research Expo: *Science*

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

- If student's division is missing from the application, their divisions listed are based on institutional data.
- If a mentor's division is missing from the application, their division listed is based on their primary appointment at Purdue. Some Mentors' divisions may be missing or incorrect.
- For non-Purdue students or mentors, their primary institution/organization is listed instead.
- Spelling of names and appear as submitted in the conference application, with minor corrections for formatting or obvious errors.

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

Presentation	Students	Mentors
Poster #1005 presented 11/14 @ 9:00-10:00am	Samyukta Balaji† (Engineering) Aditya Sivathanu† (Engineering) Ava Fasano† (DSB) Cassidy Brown† (DSB)	Aaron Ault (Science) James Ogg (Science)
Poster #1410 presented 11/14 @ 12:00-1:00pm	Avi Dube† (Engineering) Isaac Fuksman† (Science, JMHC) Peter Zakariya† (Science) Sully Cisco‡ (Engineering) Rishabh Agarwal‡ (Engineering) Justin Gan‡ (Engineering) Derek Matthei‡ (Engineering) Annie Mitten‡ (Engineering) Renee Patton‡ (DSB) Dinesh Ruben‡ (Engineering)	Shreyas Sundaram (Engineering) Younggil Chang (Engineering)
Poster #1603 presented 11/14 @ 1:30-2:30pm	Andrew Behl† (DSB, JMHC) Benjamin Dravis† (Science, JMHC) Thomas Greer† (Engineering) Matthew Tolla† (Polytechnic)	Shivam Bhat (Science) Zijian He (Engineering)
Poster #1616 presented 11/14 @ 1:30-2:30pm	Quan Dinh† (Science) Pratheek Kotla* (Science, DSB, JMHC)	Hua Cai (Engineering) Zhuoli Yin (Engineering) Laura Almeida Tinjaca (Engineering)
Poster #1632 presented 11/14 @ 1:30-2:30pm	Luke Luschwitz† (Science) Abhilash Saravana† (Engineering) Chaeun Kim† (Engineering) Sam Desai† (DSB) Selina Li† (Engineering) Nikhita Madhavan‡ (Engineering)	Edward Delp (Engineering)
Research Talk #9004 presented 11/14-11/21 virtually	Samuel Forfang† (Science, DSB) Vincent Graciano‡ (Engineering) Pratheek Kotla‡ (Science, DSB, JMHC)	Mark Janis (Indiana University)
Research Talk #9010 presented 11/14-11/21 virtually	Pratheek Kotla† (Science, DSB, JMHC)	Sergiy Chernenko (DSB)
Poster #1253 presented 11/14 @ 10:30-11:30am	Bruce Ward† (Exploratory Studies)	Jeff Lucas (Science) Jonathan Jenkins (Science)
Poster #1003 presented 11/14 @ 9:00-10:00am	Aditi Anand† (Engineering) Amrutha Vaidyam† (Science) Adithya Chandrasekar‡ (Science) Christin Huene‡ (Engineering, JMHC)	Somali Chaterji (Engineering)

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Presentation	Students	Mentors
Poster #1025 presented 11/14 @ 9:00-10:00am	Sierra Hunnicutt† (Science, JMHC) Luca Iacobucci* (Agriculture) Hannah Reyes Charles* (Agriculture, JMHC) Abigail Seybert* (Agriculture, JMHC) Anthony Tan* (Science, JMHC)	Kristen Bellisario (JMHC)
Poster #1041 presented 11/14 @ 9:00-10:00am	Prudence Regacho† (Science, JMHC)	Kristine Marceau (HHS)
Poster #1042 presented 11/14 @ 9:00-10:00am	Hannah Reyes† (Agriculture, JMHC) Abigail Seybert* (Agriculture, JMHC) Anthony Tan* (Science, JMHC) Luca Iacobucci* (Agriculture, JMHC) Sierra Hunnicutt* (Science, JMHC)	Kristen Bellisario (JMHC)
Poster #1202 presented 11/14 @ 10:30-11:30am	Amelia Binau† (Science, JMHC)	Andreas Jung (Science) Hans Dembinski (Technische Universität Dortmund)
Poster #1209 presented 11/14 @ 10:30-11:30am	Eric George† (Science, JMHC)	Jeffrey Simpson (Corteva Agriscience) Suresh Annangudi (Corteva Agriscience)
Poster #1212 presented 11/14 @ 10:30-11:30am	Joshua Harp† (HHS) Jason Cachurt† (HHS) Olivia Phillips† (HHS, JMHC) Ashley Lund† (HHS) Annabelle Nelson† (HHS) Kirsten Strout‡ (HHS) Hannah Negash‡ (HHS) Kellyn Bucceri‡ (HHS) Reagan Fahey‡ (Science, JMHC) Chris Parrett‡ (HHS)	Laura Moffat (HHS) Katharine Czech (HHS) Alec Pannunzio (Engineering)
Poster #1213 presented 11/14 @ 10:30-11:30am	Daniel Hristov† (Science, JMHC)	Julia Laskin (Science) Hugo Samayoa-Oviedo (Science)
Poster #1224 presented 11/14 @ 10:30-11:30am	Dominic LaRouche† (Liberal Arts, Science, JMHC)	Elena Benedicto (Liberal Arts) Kathleen Wagner (VP Diversity and Inclusion)
Poster #1245 presented 11/14 @ 10:30-11:30am	Maia Talbert† (Science, JMHC) Ana Rojas† (HHS)	Pamela Sari (VP Diversity and Inclusion) Manabu Taketani (VP Diversity and Inclusion) Stewart Chang Alexander (HHS)
Poster #1250 presented 11/14 @ 10:30-11:30am	Katherine Veth† (Science, JMHC)	Bill Truitt (Indiana University) Andrew Burke (Indiana University)
Poster #1411 presented 11/14 @ 12:00-1:00pm	Delilah Flora† (Science, JMHC)	Harm HogenEsch (Veterinary Medicine) Ahmed Hassan (Veterinary Medicine) Raluca Ostafe (Science)
Poster #1413 presented 11/14 @ 12:00-1:00pm	Anjali Gupta† (Science, JMHC)	Bryan Duarte (Education)
Poster #1448 presented 11/14 @ 12:00-1:00pm	Sejal Rhodes† (Engineering, JMHC) Paul Ulrich* (Engineering) Sarah Pushparaj* (Science)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Poster #1455 presented 11/14 @ 12:00-1:00pm	Jackson VonBlon† (Science, JMHC)	Chris Rochet (Pharmacy) Magaly Guzman Sosa (Pharmacy)
Poster #1456 presented 11/14 @ 12:00-1:00pm	Alexander Walters† (Science, JMHC)	Michael Johnson (Liberal Arts)
Poster #1604 presented 11/14 @ 1:30-2:30pm	Sarah Bennett† (Science, JMHC)	Qixin He (Science) Pavel Klimov (Science)

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Presentation	Students	Mentors
Poster #1606 presented 11/14 @ 1:30-2:30pm	Josie Bull† (Liberal Arts) Grace Gilbert† (HHS) Lourdes Bengero* (HHS, JMHC) Samantha Katovich* (Science, JMHC) Catherine Kruger* (Science, JMHC)	Jennifer Hall (Liberal Arts)
Poster #1611 presented 11/14 @ 1:30-2:30pm	Ashish Chenna† (Science) Ayusha Patra† (Science, JMHC) Aarav Kumar† (Science)	Andreas Jung (Science) Robin Carpenter (Science)
Poster #1612 presented 11/14 @ 1:30-2:30pm	Piyush Chhallare† (Science) Angela Mao‡ (Science) Michael Wang‡ (Science, JMHC)	Andreas Jung (Science) Lingqiang He (Science)
Poster #1613 presented 11/14 @ 1:30-2:30pm	Sydney J. Clifford† (Science, JMHC) Ella Rose D. Chianis‡ (Science)	Brittany Allen-Petersen (Science) Claire Pfeffer (Science) Jennifer P. Morton (University of Glasgow) Jukka Westermarck (University of Turku, Turun yliopisto, Finland)
Poster #1615 presented 11/14 @ 1:30-2:30pm	Vamsi Deeduvanu† (Science) Joseph Carrig† (Engineering) Aryan Khanolkar† (Science, JMHC)	Ali Shakouri (Engineering) Martin Jun (Engineering) Jiho Lee (Engineering) Junyi Yuan (Engineering) Yuseop Sim (Engineering)
Poster #1629 presented 11/14 @ 1:30-2:30pm	Kenzie Lawhorn† (HHS) Samuel J Gray‡ (HHS, Liberal Arts, JMHC) Mila Opacich‡ (Science) Amos Buschkoetter‡ (Science)	Randolph Hubach (HHS) Brendan Bowns (HHS) Stewart Chang Alexander (HHS)
Poster #1639 presented 11/14 @ 1:30-2:30pm	Tess Obuchowski† (Engineering, JMHC)	Mike Eddy (Science) Disha Okhai (Science) Ryan Ickert (Science)
Poster #1645 presented 11/14 @ 1:30-2:30pm	Sarah Pushparaj† (Science) Paul Ulrich† (Engineering, JMHC) Sejal Rhodes† (Engineering, JMHC)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Poster #1648 presented 11/14 @ 1:30-2:30pm	Abby Seybert† (Agriculture, JMHC) Luca Lacobucci* (Agriculture) Anthony Tan* (Science) Sierra Hunnicutt* (Science, JMHC) Hannah Reyes Charles* (Agriculture)	Kristen Bellisario (JMHC)
Poster #1651 presented 11/14 @ 1:30-2:30pm	Anthony Tan† (Science) Luca Lacobucci* (Agriculture, JMHC) Sierra Hunnicutt* (Science, JMHC) Hannah Reyes Charles* (Agriculture, JMHC) Abigail Seybert* (Agriculture, JMHC)	Kristen Bellisario (JMHC)
Poster #1659 presented 11/14 @ 1:30-2:30pm	Phoebe Zhou† (Science) Mustafa Albahrani† (Science) Raymond Glowner† (Science, JMHC)	Danny Milisavljevic (Science) Ziwei Ding (Science)
Research Talk #7009 presented 11/15 @ 10:00am	Mahesh Gupta† (Science, JMHC)	Rob Stahelin (Pharmacy) Balindile Motsa (Pharmacy) Roopashi Saxena (Pharmacy)
Research Talk #7013 presented 11/15 @ 10:20am	Sierra Allen† (Science, JMHC)	Sang Woo (HHS)
Research Talk #7048 presented 11/15 @ 1:00pm	Maximillian Hellrung† (Science, JMHC)	Andrea Kasinski (Science) Jihye Son (Science)

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Presentation	Students	Mentors
Research Talk #7049 presented 11/15 @ 1:20pm	Luca Iacobucci† (Agriculture) Abby Seybert* (Agriculture, JMHC) Anthony Tan* (Science, JMHC) Hannah Reyes Charles* (Agriculture, JMHC) Sierra Hunnicutt* (Science, JMHC)	Kristen Bellisario (JMHC)
Research Talk #7059 presented 11/15 @ 2:40pm	Ella Rose Chianis† (Science) Sydney Clifford‡ (Science, JMHC)	Brittany Allen-Petersen (Science) Claire Pfeffer (Science) Garima Baral (Science)
Research Talk #7061 presented 11/15 @ 2:20pm	Aakanksha Shripal† (Engineering) Aadya Pawar† (Science) Jonah Nichols† (Engineering) Jasper Koliba‡ (Engineering) Aarohe Panzade‡ (Science, JMHC) Aarini Panzade‡ (Science, JMHC) Daniel Zheng‡ (Engineering) Anish Bhowmik‡ (Science) Reagan Becker‡ (Science) Son Ha‡ (Science)	David Purpura (Education) Avery Closser (Education)
Research Talk #7069 presented 11/15 @ 3:00pm	Santiago Lopez† (Science, JMHC) Jonathan Andrade Plascencia* (Cornell University)	Alex Ruichao Ma (Science) Gabriel Perdue (Fermi National Accelerator Laboratory) Botao Du (Science)
Research Talk #7073 presented 11/15 @ 3:20pm	Sam King† (Pharmacy, JMHC) Gabby Conjelko‡ (Science)	Emily Dykhuizen (Pharmacy) Sijie Wang (Stanford University) Sandra Ordonez (Pharmacy)
Research Talk #7082 presented 11/15 @ 4:20pm	Sara Cuevas-Quñones† (Science, JMHC)	Ali Bramson (Science) Lior Rubanenko (Technion Institute of Technology, Israel)
Poster #1052 presented 11/14 @ 9:00-10:00am	Dhanush Tipparaju† (Engineering) Alex Nishio† (Science) Alex Lai‡ (Engineering) Miles Flippin‡ (Engineering) Zihan Lin‡ (Polytechnic) Jayson Stansbury* (Engineering) Ruoyi Li* (Engineering)	Abolfazl Hashemi (Engineering) Zijian He (Engineering) Shivam Bhat (Science)
Poster #1232 presented 11/14 @ 10:30-11:30am	Brian Ng† (Engineering) Haichang Li† (Polytechnic) Samantha Sudhoff† (Science) Tim Nadolsky* (Science) Joshua Kamphuis* (Engineering)	Kristen Yeon-Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering)
Poster #1243 presented 11/14 @ 10:30-11:30am	Jack Snelling† (Engineering) Paraj Goyal† (Science)	Tho Le (Polytechnic)
Poster #1407 presented 11/14 @ 12:00-1:00pm	Arunima Chowdhury† (Science) Esharaqa Jahid† (Engineering) Sami Zagha† (Engineering) Mert Ryan Kiroglu† (Science)	Renee Murray (Liberal Arts) Frederick Berry (Polytechnic)
Poster #1414 presented 11/14 @ 12:00-1:00pm	Denison Guvenoz† (Polytechnic) Avery Kruppe† (Polytechnic)	Sooyeon Jeong (Science) Dong Won Lee (Massachusetts Institute of Technology)
Poster #1434 presented 11/14 @ 12:00-1:00pm	Sydney Ludwig† (Science, JMHC) Sophia Vargas* (HHS, JMHC) Jackson Murray* (Polytechnic)	Nathan Cheek (HHS)
Poster #1623 presented 11/14 @ 1:30-2:30pm	Xinyi Guan† (Science) Jon Kouki Saathoff† (Polytechnic)	Jan Allebach (Engineering) Xiaoyu Ji (Engineering)

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

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Presentation	Students	Mentors
Research Talk #9016 presented 11/14-11/21 virtually	Yuechan Li [†] (Polytechnic)	Abolfazl Hashemi (Engineering) Shivam Bhat (Science) Zijian He (Engineering)
Poster #1002 presented 11/14 @ 9:00-10:00am	Sarah Alvarez [†] (Agriculture, Science) Sajal Salim [‡] (HHS)	Mike Reppert (Science) Jacob Hnatusko Wat (Science)
Poster #1007 presented 11/14 @ 9:00-10:00am	Emma Benefiel [†] (Science)	Reuben Dass (Science)
Poster #1009 presented 11/14 @ 9:00-10:00am	Jaden Brooks [†] (Science)	Sydney Trask (HHS) Kimberly Kinzig (HHS) Brent Bachman (HHS) Erisa Met Hoxha (HHS)
Poster #1014 presented 11/14 @ 9:00-10:00am	Ronald Cutler [†] (Science)	Julia Laskin (Science) Hugo Samayoa-Oviedo (Science)
Poster #1015 presented 11/14 @ 9:00-10:00am	Sophia Dietz [†] (Science)	Fai Leung (Science) Beichen Wang (Science)
Poster #1017 presented 11/14 @ 9:00-10:00am	Vincent Feliciano [†] (Engineering)	Linda Wang (Engineering) Clayton Gentilcore (Engineering) Cagri Un (Engineering) Daniel Hristov (Science)
Poster #1019 presented 11/14 @ 9:00-10:00am	Braden Garretson [†] (Science)	Danny Milisavljevic (Science)
Poster #1020 presented 11/14 @ 9:00-10:00am	Rygel Ginete [†] (Science)	Michelle Garrison (HHS) Abrianna Anderson (HHS) Garrett Price (HHS)
Poster #1021 presented 11/14 @ 9:00-10:00am	Maren Gingrich [†] (Science)	Gudrun Schmidt (Science)
Poster #1022 presented 11/14 @ 9:00-10:00am	Nina Gruteser [†] (Science)	Michael Johnson (Liberal Arts)
Poster #1023 presented 11/14 @ 9:00-10:00am	Rohin Gupta [†] (Science)	Michael Johnson (Liberal Arts)
Poster #1026 presented 11/14 @ 9:00-10:00am	Keila Jellings [†] (Agriculture, Science)	Leonor Chagas Boavida (Agriculture)
Poster #1031 presented 11/14 @ 9:00-10:00am	Kathryn Lund [†] (Science)	Yang Yang (Pharmacy) Brody Deming (Pharmacy) Jingliang Zhang (Pharmacy)
Poster #1032 presented 11/14 @ 9:00-10:00am	Anne Malott [†] (Science) Kritika Kumar [†] (Science) Logan Kitts [‡] (Science)	Gudrun Schmidt (Science)
Poster #1036 presented 11/14 @ 9:00-10:00am	Nathaniel Mathew [†] (Science)	Michael Johnson (Liberal Arts)
Poster #1037 presented 11/14 @ 9:00-10:00am	Kathryn McCauley [†] (Science)	John Tesmer (Science) Priyanka Naik (Science)
Poster #1038 presented 11/14 @ 9:00-10:00am	Mikey Paulson [†] (Science)	Michael Johnson (Liberal Arts)
Poster #1043 presented 11/14 @ 9:00-10:00am	Kenneth Rodriguez-Lopez [†] (Science)	Shalini Low-Nam (Science) Kevin Scruders (Science) Suriya Selvarajan (Science)
Poster #1045 presented 11/14 @ 9:00-10:00am	Diya Singh [†] (Science)	Wenzhuo Wu (Engineering) Pedro Henrique de Souza Barbosa (Engineering)
Poster #1046 presented 11/14 @ 9:00-10:00am	Sydney Sneed [†] (Science)	Scott Pluta (Science) Hayagreev Keri (Engineering)
Poster #1048 presented 11/14 @ 9:00-10:00am	Anika Sood [†] (Science)	Daniel Szymanski (Agriculture)

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

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Presentation	Students	Mentors
Poster #1050 presented 11/14 @ 9:00-10:00am	Daanish Suhail† (Science) Benjamin Hodonicky† (Engineering) Phone Paing† (Engineering) Kshitij Shah† (Engineering) Zafeer Reza† (Engineering) Shao-Yuan Chang† (Engineering)	Chih-Chun Wang (Engineering) David Love (Engineering) James Krogmeier (Engineering)
Poster #1053 presented 11/14 @ 9:00-10:00am	Aditya Tiwari† (Science) Jason Becker† (Science) Rezha Hadian† (Science) Gino Daniel† (Science)	Andreas Jung (Science) Lingqiang He (Science)
Poster #1055 presented 11/14 @ 9:00-10:00am	Ariadin Vest† (Science) Thomas Slamecka† (Science) Cade Rigg† (Science) Parvesh Venugopallavanya† (Science) Braden Garretson‡ (Science)	Danny Milisavljevic (Science) Braden Garretson (Science)
Poster #1057 presented 11/14 @ 9:00-10:00am	Christian (Casey) Ward† (Science) James Strayhorn† (Science) Liam Gallagher† (Science) Richie Tan† (Science)	Husheng Guan (Science)
Poster #1206 presented 11/14 @ 10:30-11:30am	Aya Elsaywy† (Science)	Ignacio Camarillo (Science)
Poster #1210 presented 11/14 @ 10:30-11:30am	Evelyn Girardi† (Science)	Robin Tanamachi (Science)
Poster #1216 presented 11/14 @ 10:30-11:30am	Future Jani† (Science) Emma Jeffries‡ (Science)	Gudrun Schmidt (Science)
Poster #1217 presented 11/14 @ 10:30-11:30am	Temirlan Karataev† (Engineering) Tim Nadolsky‡ (Science) Shrish Senthilkumar‡ (Engineering) Caasi Boakye* (Science) Tanin Padungkirtsakul* (Engineering) Guanxi Zhou* (Engineering)	Yung-Hsiang Lu (Engineering) Kristen Yeon-Ji Yun (Liberal Arts)
Poster #1219 presented 11/14 @ 10:30-11:30am	Junhyeok Kil† (Science)	Eduardo Barocio (Engineering)
Poster #1231 presented 11/14 @ 10:30-11:30am	Cole Murphy† (Science) Sean Wall† (Science) Bornik Nag† (Science) Fabiana Correa† (Science)	Robin Carpenter (Science)
Poster #1233 presented 11/14 @ 10:30-11:30am	Haley Oliver† (Science)	Chris Rochet (Pharmacy) Bryce Colon (Pharmacy) Aswathy Chandran (Pharmacy)
Poster #1234 presented 11/14 @ 10:30-11:30am	Aditya Pillai† (Science)	Sidney Ducleroir (Liberal Arts)
Poster #1236 presented 11/14 @ 10:30-11:30am	Adithi Praveenkumar† (Engineering) Ishaan Bajpai† (Engineering) Julia Dolpiest† (Unknown) Brian Qi† (Science)	Santiago Arias (Engineering)
Poster #1237 presented 11/14 @ 10:30-11:30am	Santosh Ramesh† (Science)	Wenzhuo Wu (Engineering) Robert Ccorahua (Engineering)
Poster #1239 presented 11/14 @ 10:30-11:30am	Rahul Saproo† (Agriculture) Rohan Aryan† (Science)	Seema Mattoo (Science) Sherlene Brown (Agriculture)
Poster #1242 presented 11/14 @ 10:30-11:30am	Prisha Singhal† (Engineering) Mahad Faruqi† (Science) Nathon Tubbs* (Engineering)	Ali Shakouri (Engineering) Jabir Jahangir (Engineering)

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Presentation	Students	Mentors
Poster #1244 presented 11/14 @ 10:30-11:30am	Jacob Strietelmeier† (Science) Alex Carroll† (Engineering) Akshith Karri† (Science)	Andreas Jung (Science)
Poster #1248 presented 11/14 @ 10:30-11:30am	Caelan Tucker-Camou† (Science) Tayden White† (Science) Anirudh Emani† (Science) Aryan Juman† (Science)	Andreas Jung (Science) Robin Carpenter (Science)
Poster #1251 presented 11/14 @ 10:30-11:30am	Vincent Wang† (Science) Jacob Valdez‡ (Engineering) Gabriel Oliviera‡ (Engineering) Josh Mansky‡ (Engineering) Max Lantz‡ (Engineering) Katie Kneeland‡ (Engineering)	Alina Alexeenko (Engineering) Tony Cofer (Engineering) Steven Pugia (Engineering) Jesus Meza-Galvan (Engineering)
Poster #1254 presented 11/14 @ 10:30-11:30am	Tayden White† (Science)	Michael Johnson (Liberal Arts)
Poster #1256 presented 11/14 @ 10:30-11:30am	Daniel Zou† (Science)	Severin Schneebeli (Pharmacy) Anthony Mena (Science)
Poster #1400 presented 11/14 @ 12:00-1:00pm	Mukul Agarwal† (Science) Mayank Hothurt† (Engineering) Kodiak Ortiz† (Engineering) Isaac Meit† (Engineering) Branden Cho† (Engineering) William White† (Engineering) Daniel Yang† (Engineering) Sanya Dod‡ (Engineering) Joshua Kamphuis‡ (Engineering)	Yung-Hsiang Lu (Engineering) Kristen Yeon-Ji Yun (Liberal Arts)
Poster #1402 presented 11/14 @ 12:00-1:00pm	Nathan Arnold† (Engineering) Jatin Soni† (Engineering) Alexander Eiguren† (Engineering) Alan Chao† (Engineering) Grant Sims† (Engineering) Om Muthyala† (Science)	James Goppert (Engineering) Nicole Adams (HHS) Kong (Engineering)
Poster #1412 presented 11/14 @ 12:00-1:00pm	Alaina Gartner† (Agriculture, Engineering) Keila Jellings‡ (Agriculture, Science)	Leonor Chagas Boavida (Agriculture)
Poster #1418 presented 11/14 @ 12:00-1:00pm	Allison Herr† (HHS) Duc Le† (HHS) Vicky Zheng† (HHS) Ethan Lin† (HHS) Devin Reynolds† (HHS) Yen-Hsi Lai† (HHS) Sienna Moon* (HHS) Linda Zou* (Science) Kayla Gaerte* (HHS)	Laura Moffat (HHS) Katharine Czech (HHS) Alec Pannunzio (Engineering)
Poster #1420 presented 11/14 @ 12:00-1:00pm	Kyochul Jang† (Science) Jacob Carroll† (Engineering) Ilhoon Lee† (Science) David Cho† (Science) David Lender† (Engineering)	Matthew Swabey (Engineering)
Poster #1423 presented 11/14 @ 12:00-1:00pm	Megan Johnson† (Science) Rafaela Besse† (Science)	Andrew DeWoody (Agriculture) Natalie Allen (Agriculture)
Poster #1426 presented 11/14 @ 12:00-1:00pm	Anna Klupshas† (Science) Emanuel Borrort† (Engineering) Timur Uxukbayev† (Engineering) Quinten Sanders† (Engineering)	Andreas Jung (Science) Lingqiang He (Science) Amelia Binau (Science)

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Presentation	Students	Mentors
Poster #1428 presented 11/14 @ 12:00-1:00pm	Parth Kulkarni† (Science)	Sidney Ducleroir (Liberal Arts)
Poster #1431 presented 11/14 @ 12:00-1:00pm	Felix Li† (Science)	Michael Johnson (Liberal Arts)
Poster #1444 presented 11/14 @ 12:00-1:00pm	Rohini Pillai† (Science)	Michael Johnson (Liberal Arts)
Poster #1452 presented 11/14 @ 12:00-1:00pm	Amogha Tejas Sunkara† (Science)	Michael Johnson (Liberal Arts)
Poster #1453 presented 11/14 @ 12:00-1:00pm	Ethan Szajko† (Science) Maria Camila Escobar Herrera† (Agriculture)	Daniel Szymanski (Agriculture) Alexander Howell (Agriculture)
Poster #1458 presented 11/14 @ 12:00-1:00pm	Francesca Werner† (Science)	Michael Johnson (Liberal Arts)
Poster #1460 presented 11/14 @ 1:30-2:30pm	Brooklynn Fugate† (Engineering) Erin Kramert† (Science) Arpita Rattan† (Engineering)	Amy Reibman (Engineering) Haoyu Chen (Engineering)
Poster #1600 presented 11/14 @ 1:30-2:30pm	Mohammad Alfai† (Engineering)	Zijian He (Engineering) Shivam Bhat (Science)
Poster #1610 presented 11/14 @ 1:30-2:30pm	Annabella Chen† (Science)	Henry Chang (Science)
Poster #1617 presented 11/14 @ 1:30-2:30pm	Indiraa Doraivel† (Science)	Brittany Allen-Petersen (Science) Garima Baral (Science) Claire Pfeffer (Science)
Poster #1618 presented 11/14 @ 1:30-2:30pm	Hanna Ertel† (Engineering) Jaehyuk Lee† (Science) Sejal Kumar† (Engineering) Paolo Gumasing† (Engineering)	James Ogg (Science) Aaron Ault (Engineering)
Poster #1620 presented 11/14 @ 1:30-2:30pm	Roy Galazka† (Science) Logan Carleton‡ (Science) Aniruddh Srivastava‡ (Science) DhiresH Himthani‡ (Engineering)	Sayan Ghosh (Science) Husheng Guan (Science)
Poster #1625 presented 11/14 @ 1:30-2:30pm	Katherine Hutzelt† (HHS, Liberal Arts)	Daniel Suter (Science) Paola Rodriguez (Science)
Poster #1627 presented 11/14 @ 1:30-2:30pm	Jordan Larson† (Science)	Alexander Wagner (North Dakota State University)
Poster #1630 presented 11/14 @ 1:30-2:30pm	Aditi Lohar† (Science)	Betsy Parkinson (Science) Amir Alwali (Science) Carson Roberts (Science)
Poster #1633 presented 11/14 @ 1:30-2:30pm	Anika Mathur† (Science) Matthew Roxas† (Engineering) Chingwo Cheung† (Engineering) Arin Asawa† (Science) Lourdes Ignacio† (Science)	Edward Delp (Engineering) Carla Zoltowski (Engineering)
Poster #1634 presented 11/14 @ 1:30-2:30pm	Mia May† (Science) Sho Amagai† (Science)	Severin Schneebeli (Science) Kyle Faivre (Science)
Poster #1638 presented 11/14 @ 1:30-2:30pm	Jack Morehouse† (Science)	Jason Hoverman (Agriculture) Devin Jones (Agriculture)
Poster #1647 presented 11/14 @ 1:30-2:30pm	Felipe Sandoval† (Engineering) Georgia Griffint† (Engineering) Ben Eng† (Science) Victoria Chen† (Science) Nicholas Helushka† (Engineering) Naren Rachapalli† (Science)	Thomas Roth (Engineering) Samuel Elkin (Engineering) Soomin Moon (Engineering)
Poster #1649 presented 11/14 @ 1:30-2:30pm	Melody Shimba† (Science)	Danny Milisavljevic (Science) Daniel Bardayan (University of Notre Dame)

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

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Presentation	Students	Mentors
Poster #1652 presented 11/14 @ 1:30-2:30pm	Amy Tong [†] (Engineering) Tejasvi Nallagundla [†] (Science) Siddhant Tandon [†] (Engineering) Josh Chang [†] (Engineering)	Dave Barbarash (Agriculture)
Poster #1656 presented 11/14 @ 1:30-2:30pm	Vlada Volyanskaya [†] (Science) Kabir Batra [†] (Engineering) Shubham Shrivastava* (Science)	Di Qi (Science) Wen-wen Tung (Science) Rishabh Gupta (Science)
Poster #1657 presented 11/14 @ 1:30-2:30pm	Gwyneth Wong [†] (Science) Allison Peterson [†] (Science) Emelia Koester [†] (Liberal Arts, Pharmacy) Anna Leah* (Pharmacy)	Stephanie Gardner (Education) Jill Cornell (Science)
Research Talk #7012 presented 11/15 @ 10:00am	Leland Huey [†] (HHS, Science)	Jerod White (HHS) Tara Behrend (Michigan State University)
Research Talk #7019 presented 11/15 @ 11:00am	William Stevens [†] (Science) Mykhailo Tsysin [†] (Engineering) Vishal Urs [†] (Engineering) Karthik Selvaraj [†] (Engineering) Gabriel Torres [†] (Engineering)	Edward Delp (Engineering) Carla Zoltowski (Engineering)
Research Talk #7031 presented 11/15 @ 12:00pm	Kennedy Outlaw [†] (Science)	Angeline Lyon (Science) Isaac Fisher (Science)
Research Talk #7037 presented 11/15 @ 12:00pm	Andrew Nilsson [†] (Science)	Michael Johnson (Liberal Arts)
Research Talk #7043 presented 11/15 @ 1:20pm	Byung Wook Kim [†] (Engineering) Hyunjun Park [†] (Engineering) Spencer Gries [†] (Engineering) Kisal Wijesooriya [†] (Science)	Sivaranjani Seetharaman (Engineering)
Research Talk #7045 presented 11/15 @ 1:00pm	Shailee Patel [†] (HHS)	Gaurav Chopra (Science)
Research Talk #7080 presented 11/15 @ 4:40pm	Fah Yen [†] (Engineering) Max Chang [‡] (Science) Samay Nandwana [‡] (Science)	James Davis (Engineering)
Research Talk #9006 presented 11/14-11/21 virtually	Emma Jeffries [†] (Science) Future Jani [‡] (Science)	Gudrun Schmidt (Science)
Research Talk #9009 presented 11/14-11/21 virtually	Kyung Min Ko [†] (Engineering) Gunvanth Reddy Kandula [†] (Science) Yash Rajendra Ashhtekar [‡] (Engineering) Kanav Atre [‡] (Engineering)	Edward Delp (Engineering)
Research Talk #9022 presented 11/14-11/21 virtually	Jeremy Lu [†] (Science)	Michael Johnson (Liberal Arts)
Research Talk #9023 presented 11/14-11/21 virtually	Jingxi Ma [†] (Science)	Michael Johnson (Liberal Arts)
Research Talk #9024 presented 11/14-11/21 virtually	John Mburu [†] (Science) Joseph Lopez* (Engineering)	Pramey Upadhyaya (Engineering) Abhishek Solanki (Engineering)
Research Talk #9025 presented 11/14-11/21 virtually	Noah Merz [†] (Science)	Sidney Ducleroir (Liberal Arts)
Research Talk #9026 presented 11/14-11/21 virtually	Asmi Mukherjee [†] (Science)	Douglas Brubaker (Case Western Reserve University)
Research Talk #9027 presented 11/14-11/21 virtually	Saibya Padha [†] (Science)	Michael Johnson (Liberal Arts)
Research Talk #9034 presented 11/14-11/21 virtually	Ayush Singhal [†] (Science)	Michael Johnson (Liberal Arts)

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Presentation	Students	Mentors
Research Talk #9036 presented 11/14-11/21 virtually	Sreevickrant Sreekanth† (Engineering) Cy Logan‡ (Science) Vanamali Vemparala‡ (Science) Pratham Agrawal‡ (Science)	James Davis (Engineering)
Research Talk #9040 presented 11/14-11/21 virtually	Boheng Zhao† (Engineering, Science)	Conor Green (Engineering) Mark Johnson (Engineering)
Poster #1058 presented 11/14 @ 9:00-10:00am	Katherine Yi† (Science)	Leanne Nieforth (Veterinary Medicine)
Poster #1223 presented 11/14 @ 10:30-11:30am	Andree Kolliedbo† (Science)	Nadia Lanman (Veterinary Medicine)