

### Spring 2023 Undergraduate Research Conference: *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 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.
- Spelling of names and appear as submitted in the conference application, with minor corrections for formatting or obvious errors.

Student Role Notation: †Presenting Author, ‡Collaborating Author, \*Acknowledgement

Presentation	Students	Mentors
Poster #115 presented 4/11 @ 9-10:30am	Pou Hei Chan† (Engineering) Wei Teng Sin‡ (Science) Chon Weng Lei‡ (Engineering)	Byung-Cheol Min (Polytechnic Institute) Pou Ut Chan (Macao Polytechnic University)
Poster #116 presented 4/11 @ 9-10:30am	Shaan Chanchani† (Engineering) Sohum Thadani† (Science) Brooklynn Fugate† (Engineering) Krishna Bendishankara† (Engineering) Junze Li† (Engineering) Zilu (Johnny) Jin† (Science)	Amy Reibman (Engineering) Haoyu Chen (Engineering)
Poster #123 presented 4/11 @ 9-10:30am	Eanna Nicole DeGuzman† (Honors)	Stephanie Gardner (Science) Soumi Mukherjee (Science)
Poster #126 presented 4/11 @ 9-10:30am	Audrey Durham† (Science) Imani Lawrence‡ (Science)	Mike Sori (Science)
Poster #127 presented 4/11 @ 9-10:30am	Calista Easterling† (Science)	Qian Wang (Liberal Arts)
Poster #130 presented 4/11 @ 9-10:30am	Mahad Faruqi† (Science) Piper Hale† (Engineering) Xander Shillings† (Engineering)	Jim Ogg (Science) Aaron Ault (Engineering)
Poster #131 presented 4/11 @ 9-10:30am	James Fazioli† (Science, Honors)	Alex Pasternak (Agriculture) Maggie Mulligan (Veterinary Medicine) Kaylyn Rudy (Agriculture)
Poster #134 presented 4/11 @ 9-10:30am	Mia Fleisher-de Kozan† (Science)	Aaron Bowman (HHS) Anke Tukker (HHS) Xueqi Tang (HHS) Jennifer Schmitz (HHS)
Poster #138 presented 4/11 @ 9-10:30am	Braden Garretson† (Science)	Danny Milisavljevic (Science)
Poster #141 presented 4/11 @ 9-10:30am	Jaya Hari† (Engineering, Honors) Akash Kumar† (Engineering) Sejal Kumar† (Engineering) Vidisha Singhal† (Engineering) Vishal Muthuraja† (Engineering) Tim Chou† (Engineering) Ritvik Gupta† (Science)	Yung-Hsiang Lu (Engineering)
Poster #142 presented 4/11 @ 9-10:30am	Danielle Harr† (Science)	Robin Tanamachi (Science)
Poster #143 presented 4/11 @ 9-10:30am	Audrey Harrison† (Honors)	Edward Bartlett (Engineering) Meredith Ziliak (Science)
Poster #145 presented 4/11 @ 9-10:30am	Samuel Hartzler† (Science)	Jason Hanna (Science) Anthony Murphy (Science)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #146 presented 4/11 @ 9-10:30am	Travis Hastreiter† (Engineering) Eleazar Gonzalez† (Science) Zack Balbo† (Science) Connor Barnsley† (Science)	Rafael Lang (Science) Riya Singh (Science)
Poster #148 presented 4/11 @ 9-10:30am	Sabrina Hinojosa† (Science, Honors)	Zahra Tehrani (Honors)
Poster #151 presented 4/11 @ 9-10:30am	William Humble† (Engineering, Honors) Rachael Paston - Amos† (Engineering) Joel Kuriakose† (Engineering, Honors) Avery Willson† (Science) Chandni Garg† (Science) Lekha Durait† (Engineering, Honors) Sophia Remmey† (Agriculture) Lukas Sizemore† (Agriculture) Alekhya Ankaraju† (Agriculture) Youssef Morad† (Pharmacy)	Kari Clase (Agriculture) Adam Quinn (Agriculture) Anjana Narayanan (HHS) Arya Shembekar (Science) Daphne Fauber (Engineering)
Poster #156 presented 4/11 @ 9-10:30am	Bethany Kettleborough† (Science) Yulei Yang‡ (Science, Honors)	Dr. Lisa Welp (Science)
Poster #158 presented 4/11 @ 9-10:30am	Connor Klaassent† (Science, Honors)	Mohit Verma (Agriculture)
Poster #161 presented 4/11 @ 9-10:30am	Hannyi Lee† (Engineering)	Ben Denos (Engineering) Sushrut Karmarkar (Engineering) Andreas Jung (Science)
Poster #165 presented 4/11 @ 9-10:30am	Santiago Lopez† (Science, Honors)	Alex Ruichao Ma (Science) Botao Du (Science)
Poster #166 presented 4/11 @ 9-10:30am	Ethan Lu† (Engineering) Jinen Setpal† (Science) Colby Acton† (Engineering) Enze Jiang† (Engineering) Vinay Jagan† (Engineering) Riya Varshney† (Engineering) Troy Madden‡ (Engineering) Yunhao Lan‡ (Engineering) Harsh Ajwani‡ (Engineering) Aaron Fritz‡ (Engineering)	Wei Zakharov (Libraries) Qiang Qiu (Engineering) Zichen Miao (Engineering)
Poster #167 presented 4/11 @ 9-10:30am	Luke Luschwitz† (Science)	Matthew Swabey (Engineering)
Poster #168 presented 4/11 @ 9-10:30am	Arth Maindarkart† (Liberal Arts, Science, Honors)	Yang Yang (Pharmacy)
Poster #170 presented 4/11 @ 9-10:30am	Gabriel Mason† (Liberal Arts, Science, Honors)	Zahra Tehrani (Honors)
Poster #175 presented 4/11 @ 9-10:30am	Suyash Mishra† (Engineering) Anshul Kulkarni† (Engineering) Aayush Patel† (Engineering) Philip James† (Science)	Shreya Ghosh (Engineering)
Poster #176 presented 4/11 @ 9-10:30am	Emily Morales Liddiard† (Science, Honors)	Ignacio Camarillo (Science)
Poster #177 presented 4/11 @ 9-10:30am	Emily Morales Liddiard† (Science)	Zahra Tehrani (Honors)
Poster #184 presented 4/11 @ 9-10:30am	Kennedy Outlaw† (Science)	Angeline Lyon (Science) Isaac Fisher (Science)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #185 presented 4/11 @ 9-10:30am	Manas Paranjape† (Science, Honors) Robert Gentle† (Engineering) Siwen Hu† (Science) Robert Rozhanskyy† (Engineering)	Dave Barbarash (Agriculture)
Poster #188 presented 4/11 @ 9-10:30am	Sanika Pelnekar† (Science, Honors)	Angeline Lyon (Science) Kadidia Samassekou (Science) Elisabeth Garland (Science)
Poster #194 presented 4/11 @ 9-10:30am	Brooke Price† (Liberal Arts) Madeleine Yang† (Science)	Swati Srivastava (Liberal Arts)
Poster #200 presented 4/11 @ 9-10:30am	Alexia Rodrigues† (Science) Alex Liu† (Science)	Pengyi Shi (Management)
Poster #202 presented 4/11 @ 9-10:30am	Tushar Sardesai† (HHS, Pharmacy, Honors)	Philip Low (Pharmacy) Bo Huang (Science)
Poster #203 presented 4/11 @ 9-10:30am	Anusha Sarraf† (Science)	Gaurav Nanda (Polytechnic Institute) Romila Pradhan (Polytechnic Institute)
Poster #206 presented 4/11 @ 9-10:30am	Nadia Seye† (Science)	Jiyeon Lee (HHS) Joshua Weirick (HHS) Willem van Boxtel (HHS)
Poster #213 presented 4/11 @ 9-10:30am	Daanish Suhail† (Science) Aaryan Srivastava† (Science) Daniel Chen† (Engineering) Seeun Kim† (Engineering)	Chih-Chun Wang (Engineering) David Love (Engineering) James Krogmeier (Engineering)
Poster #214 presented 4/11 @ 9-10:30am	Kaitlyn Sycko† (Science, Honors)	Michelle Thompson (Science) Alexander Kling (Science)
Poster #221 presented 4/11 @ 9-10:30am	Riya Varshney† (Engineering) Hasan Sultan† (Engineering) Shriya Gupta† (Engineering) Charlie Tamer† (Engineering) Varun Vaidyanathan† (Engineering) Digvijay Pawar† (Science) Minrui Lu† (Science) Dhruv Shah† (Engineering) Dheeraj Namargomala† (Science) Vanamali Vemparala† (Science)	Charles D'Onofrio (Engineering) Yu-Chieh Chiao (Engineering) Charles D'Onofrio (Engineering)
Poster #224 presented 4/11 @ 9-10:30am	Grace Vukovich† (HHS) Skylar Day† (HHS) Kaylie Katsiris* (Science)	Andrea DeMaria (HHS) Chandler Dykstra (Marian University)
Poster #226 presented 4/11 @ 9-10:30am	Ellen Weit† (Science) Natalie Galvan* (HHS)	John Tesmer (Science) Yueyi Chen (Pharmacy)
Poster #227 presented 4/11 @ 9-10:30am	Serena Wesley† (Agriculture, Honors) Collette Plue† (Agriculture) Isabella Taylor† (Agriculture)	Greg Fraley (Agriculture) Jeff Lucas (Science) Jenna Schober (Agriculture) Melanie Bergman (Agriculture)
Poster #228 presented 4/11 @ 9-10:30am	Aubrey Williamst† (Science)	Krystal Hans (Agriculture)
Poster #232 presented 4/11 @ 9-10:30am	Xinyi Zhou† (Agriculture, Science)	Jingjing Liang (Agriculture)
Poster #233 presented 4/11 @ 9-10:30am	Caroline Zu† (Science)	Elizabeth Parkinson (Science) Lauren Wilbanks (Science)
Poster #303 presented 4/11 @ 11:30-1:00pm	David Arteaga† (Science)	Andrea Kasinski (Science) Zulaida Soto-Vargas (Science) Humna Hasan (Science) Ikjot Sohal (Science)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #305 presented 4/11 @ 11:30-1:00pm	Victoria Berch† (Science) Lynn Willems* (Science)	Laurent Couetil (Veterinary Medicine) Katy Ivester (Veterinary Medicine) Laura Murray (Veterinary Medicine)
Poster #313 presented 4/11 @ 11:30-1:00pm	Kashif Chowdhury† (Science)	Raluca Ostafe (Purdue University)
Poster #315 presented 4/11 @ 11:30-1:00pm	Quinn Clemenz† (Science)	Elliot Friedman (HHS)
Poster #318 presented 4/11 @ 11:30-1:00pm	Erin Creager† (Science)	Yang Yang (Pharmacy) Xiaoling Chen (Pharmacy) Jingliang Zhang (Pharmacy)
Poster #319 presented 4/11 @ 11:30-1:00pm	Ronald Cutler† (Science)	Julia Laskin (Science) Hugo Samayoa-Oviedo (Science)
Poster #321 presented 4/11 @ 11:30-1:00pm	Lauren Davern† (Agriculture, Engineering) Annika Patel† (Engineering) Reagan Long† (Engineering, Science) Carissa Chane† (Education, Science) Christiana Whittey† (Science) Brooke Yorio† (Engineering, Honors) Natasha Macarchuk† (Engineering) Maya Driscoll† (Engineering) Sarina Lee† (Engineering) Ben Goncher† (Engineering)	Kari Clase (Agriculture) Harry Ashbaugh (Engineering) Amanda Blankenberger (Engineering) Morgan Gyger (Engineering) Rebecca Mold (Engineering)
Poster #322 presented 4/11 @ 11:30-1:00pm	Lukas Dolidze† (Science) Kevin Ryu† (Science)	Seema Mattoo (Science)
Poster #324 presented 4/11 @ 11:30-1:00pm	Giovanna Durante† (Science, Honors)	Chao Cai (Libraries)
Poster #333 presented 4/11 @ 11:30-1:00pm	Lauren Gartenhaus† (Science, Honors) Mae Shu‡ (Science, Honors) Emma Terwilliger‡ (Science, Honors)	Jason Hanna (Science) Annaleigh Powell (Science)
Poster #339 presented 4/11 @ 11:30-1:00pm	Jerry Gu† (Science)	Guang Lin (Science)
Poster #341 presented 4/11 @ 11:30-1:00pm	Hope Harlow† (Pharmacy) Muhan Wang* (Pharmacy) Conrad Otterbacher* (Science)	Yang Yang (Pharmacy) Maria Olivero-Acosta (Pharmacy)
Poster #346 presented 4/11 @ 11:30-1:00pm	Sophia Horn† (Science)	Maria Sepulveda (Agriculture) Tyler Hoskins (Agriculture) Meredith Scherer (Agriculture)
Poster #347 presented 4/11 @ 11:30-1:00pm	Chingyan Huang† (Science)	Chao Cai (Libraries)
Poster #355 presented 4/11 @ 11:30-1:00pm	Grace Katz† (Science) Roy Galazka† (Science) Zheng Yuan Tan† (Science) Haoyu Shen† (Science) Braden Garretson‡ (Science) Ethan Pinarski‡ (Science)	Dan Milisavljevic (Science)
Poster #358 presented 4/11 @ 11:30-1:00pm	Erin Joy Kramer† (Science) Maheep Brar† (Science)	Edward Delp (Engineering)
Poster #359 presented 4/11 @ 11:30-1:00pm	Alexis Lautenschlaeger† (Science)	Elliot Friedman (HHS)
Poster #363 presented 4/11 @ 11:30-1:00pm	Xiaoyu Liu† (Science, Honors) Lei Fu† (Science)	Jon Peterson (Science) Julia Anne Garner (Science)
Poster #366 presented 4/11 @ 11:30-1:00pm	Samantha Maari† (Science)	Elliot Friedman (HHS)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #369 presented 4/11 @ 11:30-1:00pm	Maximilian Manzhosov† (Engineering) Brian Ng† (Engineering) Timothy Nadolsky† (Science) Haichang Li‡ (Science)	Yung-Hsiang Lu (Engineering) Purvish Jajal (Engineering)
Poster #371 presented 4/11 @ 11:30-1:00pm	Jackson Masten† (HHS) Faith Allen† (Science)	Anne Sereno (HHS) Daniel Larranaga (HHS)
Poster #381 presented 4/11 @ 11:30-1:00pm	Owen Odney† (Science) Shivam Raj† (Science) John Burns† (Science)	Rafael Lang (Science)
Poster #391 presented 4/11 @ 11:30-1:00pm	Diya Prasanth† (Science) Gustavo Franzener Goncalves da Silva† (Engineering)	Nan Kong (Engineering) Baijian Yang (Polytechnic Institute)
Poster #398 presented 4/11 @ 11:30-1:00pm	Astrid Rodriguez Leon† (Science)	Karen Hudson (Agriculture) Militza Carrero-Colon (Agriculture)
Poster #399 presented 4/11 @ 11:30-1:00pm	Sajal Salim† (HHS)	Mike Reppert (Science) Jacob Wat (Science)
Poster #401 presented 4/11 @ 11:30-1:00pm	Pritham Sambathur† (Science, Honors)	Bruce Applegate (Agriculture)
Poster #403 presented 4/11 @ 11:30-1:00pm	Robert Sego† (Engineering) Xilai Dai† (Engineering) Alex Weber† (Engineering) Patrick Li† (Engineering) Sun Ahn† (Science) Wenjing Chen† (Engineering)	Carla Zoltowski (Engineering) Edward Delp (Engineering)
Poster #404 presented 4/11 @ 11:30-1:00pm	Sathveka Sembiant† (Engineering) Alyssa Arreola† (Science)	Natalia Rodriguez (HHS) Lara Balian (HHS) Tiwalade Adekunle (Liberal Arts) Layla Claire (HHS)
Poster #411 presented 4/11 @ 11:30-1:00pm	Gurmehar Singh† (Science) David Bondar‡ (Science) Atharva Awasthi‡ (Science) Nathan Benton‡ (Science, Honors)	Rafael Lang (Science) Shengchao Li (Science)
Poster #414 presented 4/11 @ 11:30-1:00pm	Lauren Todd† (HHS) Emily Staub† (Science)	M. Rosie Shrout (HHS) Emily M. Buehler (Liberal Arts) Daeun Grace Lee (Liberal Arts)
Poster #421 presented 4/11 @ 11:30-1:00pm	Daniel Xie† (Science, Honors)	Hemanta Maji (Science) Jimmy Hwang (Science) Xiuyu Ye (Science)
Poster #423 presented 4/11 @ 11:30-1:00pm	Jason Zuniga† (Science)	Krishna Jayant (Engineering) Daniel Gonzales (Engineering)
Poster #504 presented 4/11 @ 2-3:30pm	Anushree Ari† (Science) Ethan Forbes* (Science) Sandra Warne* (Science) Elisabeth Kohl* (Science)	Ben Watson (Science) Seema Mattoo (Science)
Poster #508 presented 4/11 @ 2-3:30pm	Fritz Aude† (Science) Holly Ryan† (Science) Tereas Wan† (Science) Ryken Adams-Barnes† (Engineering)	Husheng Guan (Science)
Poster #510 presented 4/11 @ 2-3:30pm	Ron Bejerano† (Engineering, Science, Honors)	Gang Shao (Libraries)
Poster #512 presented 4/11 @ 2-3:30pm	Michael Bezick† (Engineering, Science)	Alexandra Boltasseva (Engineering) Blake Wilson (Engineering)
Poster #514 presented 4/11 @ 2-3:30pm	Sean Brown† (Science)	Daniel Raudabaugh (Agriculture) Samira Fatemi (Agriculture)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #515 presented 4/11 @ 2-3:30pm	Brynna Buckmaster† (Agriculture, Honors) Sean Giltmier† (Science, Honors) Aidan Hartung† (Science, Honors) Ian Heinigt† (Science, Honors) Kya Pierson† (HHS, Honors)	Kristen Bellisario (Honors)
Poster #524 presented 4/11 @ 2-3:30pm	Annabella Chen† (Science)	Henry Chang (Science)
Poster #528 presented 4/11 @ 2-3:30pm	Thomas Coleman† (Engineering) Isha Nair† (HHS, Honors) Katie Chan† (Pharmacy, Honors) Matthew Trotter† (Engineering) Karla Dominguez Omaña† (Engineering, Honors) Alana Hernandez† (Engineering) Frank LoRusso† (Engineering)	Kari Clase (Agriculture) Adam Quinn (Agriculture) Daphne Fauber (Engineering) Anjana Narayanan (HHS) Arya Shembekar (Science)
Poster #529 presented 4/11 @ 2-3:30pm	Mackenzie Crum† (Science)	Jon Rienstra-Kiracofe (Science)
Poster #532 presented 4/11 @ 2-3:30pm	Anthony DeSanto† (HHS) Melanie Clayton† (Science, Honors)	AJ Schwichtenberg (HHS) Amy Janis (HHS) Maggie O'Haire (University of Arizona)
Poster #542 presented 4/11 @ 2-3:30pm	Abby Hagan† (Science)	Qian Wang (Liberal Arts)
Poster #547 presented 4/11 @ 2-3:30pm	Kayla Huter† (HHS, Science) Anna McCoy† (Pharmacy)	Lauren Stoczynski (Science) Stephanie Gardner (Science)
Poster #550 presented 4/11 @ 2-3:30pm	Kyochul Jang† (Science)	Kyu Kang (Polytechnic Institute)
Poster #553 presented 4/11 @ 2-3:30pm	Navjot Kaur† (Science)	Matthew Olson (Science)
Poster #555 presented 4/11 @ 2-3:30pm	Gaeun Kim† (Engineering) Tongwei Zhang‡ (Science)	Denny Yu (Engineering)
Poster #557 presented 4/11 @ 2-3:30pm	Jack Kirkwood† (Science) Addy Messerly‡ (Science)	Ximena Bernal (Science) Andrew Mularo (Science)
Poster #558 presented 4/11 @ 2-3:30pm	Erik Kocinare† (Engineering) Alexiy Buynitsky‡ (Science)	James Davis (Engineering)
Poster #561 presented 4/11 @ 2-3:30pm	Andy Le† (Science) Will Oberly† (Engineering) Elliot Wong† (Engineering) Katie Kneeland† (Engineering) Andrew Modin† (Engineering) Becca Reinecke* (Engineering)	Tony Cofer (Engineering) Alina Alexeenko (Engineering) Andrew Binder (Engineering)
Poster #563 presented 4/11 @ 2-3:30pm	Chi-Wei Lien† (Science) Natsu Yamamoto† (Polytechnic Institute)	Sudip Vhaduri (Polytechnic Institute)
Poster #564 presented 4/11 @ 2-3:30pm	Nathaniel Lindsay† (Science) Gaurangi Yadav* (Science) Adriana Torres* (Science)	Jeffrey Lucas (Science) Rebecca Trapp (Science)
Poster #567 presented 4/11 @ 2-3:30pm	Kendall Massey† (Engineering) Race Medema† (Engineering) Bailey Williams† (Agriculture) William Petrusson† (Agriculture) Violeta Saldarriaga† (Science, Honors) Patricia Casaca† (Science)	Kari Clase (Agriculture) Aaron Quinn (Agriculture) Daphne Fauber (Engineering) Anjana Narayanan (HHS) Arya Shembekar (Science)
Poster #569 presented 4/11 @ 2-3:30pm	Kate McNulty† (Science)	Tzu-Wen Cross (HHS) Abigayle Simpson (Agriculture) Anna Clapp Organski (HHS)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #570 presented 4/11 @ 2-3:30pm	Emma Miller† (Science) Matthew Graber‡ (Science)	Robin Tanamachi (Science)
Poster #571 presented 4/11 @ 2-3:30pm	Valerie Minnick† (Science) Ted Tobias* (Science)	Jon Rienstra-Kiracofe (Science)
Poster #572 presented 4/11 @ 2-3:30pm	Marco A. Monrouzeau† (Science, Honors)	Robin Tanamachi (Science)
Poster #573 presented 4/11 @ 2-3:30pm	Kyle Morint† (Science)	Mike Sori (Science)
Poster #574 presented 4/11 @ 2-3:30pm	Jackson Moss† (Science, Honors)	Zahra Tehrani (Honors)
Poster #577 presented 4/11 @ 2-3:30pm	Chinelo Nnatubeugo† (HHS, Honors) Claire Kinder* (Science) Lily Snyder* (HHS) Faith McPhee* (Science)	William Graziano (HHS) Regina Henares (HHS)
Poster #581 presented 4/11 @ 2-3:30pm	Emily Otten† (Science)	Andrea DeMaria (HHS) Rebecca Martinez (Liberal Arts) Natalia Rodriguez (HHS) Risa Cromer (Liberal Arts) Yumary Ruiz (HHS)
Poster #587 presented 4/11 @ 2-3:30pm	Viet Khoi Pham Khac† (Engineering)	Andrew Wildridge (Science) Andreas Jung (Science)
Poster #588 presented 4/11 @ 2-3:30pm	Ashley Phoenix† (Science, Honors) Austin Lu* (Science)	Nicholas Noinaj (Science)
Poster #589 presented 4/11 @ 2-3:30pm	Kotekar Annapoorna Prabhu† (Engineering) Caroline Henson* (Engineering, Honors)	Alexandria Volkening (Science)
Poster #590 presented 4/11 @ 2-3:30pm	Amit Rohan Rajapurohita† (Science)	Arnab Banerjee (Science)
Poster #591 presented 4/11 @ 2-3:30pm	Prudence Regacho† (Science, Honors)	Kristine Marceau (HHS)
Poster #594 presented 4/11 @ 2-3:30pm	Kenneth Rodriguez-Lopez† (Science) Tanvi Breinig* (Science, Honors)	Shalini Low-Nam (Science) Kevin Scrudgers (Science)
Poster #599 presented 4/11 @ 2-3:30pm	Nandhitaa Satyanarayanan† (Science, Honors)	Stephanie Gardner (Science) Anupriya Karippadath (Science)
Poster #603 presented 4/11 @ 2-3:30pm	Anurag Shah† (Liberal Arts, Science, Honors) Ziyang Huang* (Science) Tzu-wen Hsu* (Science) Alex Liu* (Science) Bai Li* (Science) Yohan Berg* (Science) Eli Coltin* (Science, Management)	Gustavo Rodriguez-Rivera (Science)
Poster #605 presented 4/11 @ 2-3:30pm	Siddhi Shetty† (Science)	Angeline Lyon (Science) Ketaki Mahurkar (Science)
Poster #606 presented 4/11 @ 2-3:30pm	Mae Shu† (Science) Emma Terwilliger* (Science) Lauren Gartenhaus* (Science)	Jason Hanna (Science) Annaleigh Powell (Science)
Poster #610 presented 4/11 @ 2-3:30pm	Pedro Daniel Soto Rodriguez† (Engineering, Honors) Cameron Hartsfield† (Engineering)	Eduardo Barocio (Purdue University) Andreas Jung (Science)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Poster #613 presented 4/11 @ 2-3:30pm	Alexis Starkey† (Agriculture, Honors) Ben Hausch† (Honors) Tejas Patel† (Engineering, Honors) Audrey Quinn‡ (HHS, Honors) Keely Dehn‡ (Science, Honors) Keaton Schroder‡ (Management, Honors) Josh Renzi‡ (HHS, Honors) Charles Degnan‡ (Engineering, Honors)	Kristen Bellisario (Honors)
Poster #615 presented 4/11 @ 2-3:30pm	William Stevens† (Science) Xingyan (Ian) Li† (Science) Mykhailo (Misha) Tsyint† (Engineering)	Edward Delp (Engineering) Carla Zoltowski (Engineering)
Poster #623 presented 4/11 @ 2-3:30pm	Anthony Tan† (Science)	Kristen Bellisario (Honors)
Poster #625 presented 4/11 @ 2-3:30pm	Mackenzie Ulrey† (Science) Anne Taylor‡ (Agriculture)	Greg Fraley (Agriculture) Jeff Lucas (Science) Jenna Schober (Agriculture) Melanie Bergman (Agriculture)
Poster #627 presented 4/11 @ 2-3:30pm	Andrew Walke† (Science)	Shalini Low-Nam (Science) Jean Chmielewski (Science) Kevin Scrudders (Science) Vinny Menon (Science) Thomas Dietsche (Science)
Poster #630 presented 4/11 @ 2-3:30pm	Ruth Wei† (Science) Gavin Duffy* (Agriculture, Engineering)	Caitlin Proctor (Engineering) Aliya Ehde (Engineering)
Poster #631 presented 4/11 @ 2-3:30pm	Xander Weintraut† (Science, Honors)	Zahra Tehrani (Honors)
Poster #633 presented 4/11 @ 2-3:30pm	Joseph Woot† (Science)	James Davis (Engineering) Purvish Jajal (Engineering)
Poster #634 presented 4/11 @ 2-3:30pm	Kayla Wroblewski† (Science, Honors)	Richard Kuhn (Science) Jacqueline Anderson (Science)
Poster #635 presented 4/11 @ 2-3:30pm	Addison Young† (Science)	Sujith Puthiyaveetil (Agriculture) Steven McKenzie (Agriculture)
Poster #636 presented 4/11 @ 2-3:30pm	Peter Zakariya† (Science) Samskrithi Sivakumar† (Science) Michael Cheng† (Science) Anika Mathur† (Science) Tanishka Kulkarni‡ (Science)	Timothy Keaton (Science)
Research Talk #707 presented 4/13 @ 9:20am	Dylan Clarke† (Science)	Wendy Beauvais (Veterinary Medicine) Eric Kontowicz (Veterinary Medicine)
Research Talk #708 presented 4/13 @ 9:40am	Sara Cuevas-Quiñones† (Science, Honors)	Ali Bramson (Science) Lior Rubanenko (Stanford University)
Research Talk #716 presented 4/13 @ 10:00am	Ryan Branstetter† (Science)	Alexandria Volkening (Science)
Research Talk #717 presented 4/13 @ 10:20am	Sydney J. Clifford† (Science, Honors)	Brittany Allen-Petersen (Science) Claire M. Pfeffer (Science) Jennifer P. Morton (University of Glasgow) Jukka Westermarck (University of Turku, Turun yliopisto, Finland)
Research Talk #718 presented 4/13 @ 10:40am	Bahaa Elshimy† (Engineering, Science, Honors)	Rafael Lang (Science) Juehang Qin (Science)
Research Talk #719 presented 4/13 @ 10:00am	Nicholas Erikson† (Science) Titus Tse† (Engineering) Aiden Cullen† (Science)	Andy Jung (Science)



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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Research Talk #720 presented 4/13 @ 10:20am	Xipeng Wang† (Science, Polytechnic Institute) Mengting Xu† (Engineering) Guo Yu† (Engineering)	Abolfazl Hashemi (Engineering) Minghao Sun (Engineering)
Research Talk #725 presented 4/13 @ 11:00am	Anish Bhowmik† (Science) Daniel Zheng† (Engineering) Aadya Pawar† (Science) Jasper Koliba‡ (Engineering) Reagan Becker‡ (Science) Aarini Panzade‡ (Science, Honors) Brian Ha‡ (Engineering) Aarohi Panzade‡ (Science, Honors) Aakanksha Shripal‡ (Engineering)	David Purpura (HHS) Avery Closser (HHS)
Research Talk #734 presented 4/13 @ 12:00pm	Jack Blair† (Engineering) Jing Gao† (Science, Honors) Kian Kishimoto† (Science)	Heidi Fahning (Honors) Mae Artang (Engineering)
Research Talk #736 presented 4/13 @ 12:40pm	Haley Zerit† (HHS, Honors) Nikhil Gloyeske† (Science, Honors) Ethan Guardado† (Liberal Arts, Science, Honors) Ian Heinig‡ (Science, Honors) Daniel Hiller‡ (Engineering, Honors) Michael Reisinger‡ (Science, Honors) Harris Collins‡ (Liberal Arts, Management, Honors)	Jason Ware (Honors)
Research Talk #739 presented 4/13 @ 12:40pm	Olivia Moreno† (Science)	Dennis Savaiano (HHS) Tzu-Wen Cross (HHS) Tracy Eaton (HHS)
Research Talk #743 presented 4/13 @ 12:00pm	Muhan Wang† (Pharmacy) Hope Harlow‡ (Pharmacy) Conrad Otterbacher‡ (Science)	Yang Yang (Pharmacy)
Research Talk #744 presented 4/13 @ 12:20pm	Danny Hristov† (Science, Honors)	Julia Laskin (Science) Hugo Samayoa-Oviedo (Science)
Research Talk #745 presented 4/13 @ 12:40pm	C. Max Otterbacher† (Science) Muhan Wang‡ (Pharmacy)	Yang Yang (Pharmacy) Maria Olivero-Acosta (Pharmacy) Zhefu Que (Pharmacy)
Research Talk #749 presented 4/13 @ 1:00pm	Aiden Goen† (Engineering) Seojeong Park† (Science) Tri Than† (Engineering) Bhavya Patel† (Engineering) Arunima Chowdhury† (Science) Herbert Alexander De Bruyn† (Engineering)	Renee Murray (Liberal Arts) Davin Huston (Polytechnic Institute)
Research Talk #751 presented 4/13 @ 1:40pm	Aakanksha Shripal† (Engineering) Aarini Panzade† (Science, Honors) Brian Ha† (Engineering)	David Purpura (HHS) Avery Closser (HHS)
Research Talk #755 presented 4/13 @ 1:00pm	Rohan Aryan† (Science) Rahul Saproot† (Agriculture)	Seema Mattoo (Science)
Research Talk #756 presented 4/13 @ 1:20pm	Sarah Bennett† (Science, Honors)	Qixin He (Science) Pavel Klimov (Science)
Research Talk #757 presented 4/13 @ 1:40pm	Tanvi Breinig† (Science, Honors) Kenneth Rodriguez-Lopez‡ (Science)	Shalini Low-Nam (Science) Kevin Scrudders (Science)
Research Talk #760 presented 4/13 @ 2:40pm	Reagan Howard† (Science)	Selcen Guzey (Education) Khanh Tran (Science)
Research Talk #761 presented 4/13 @ 2:00pm	Kathleen Cory† (Science, Honors) Vivian Lee† (HHS, Honors)	Arielle Borovsky (HHS) Claney Outzen (HHS)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Research Talk #762 presented 4/13 @ 2:20pm	Jasper Koliba† (Engineering) Reagan Becker† (Science) Aarohi Panzade† (Science, Honors)	David Purpura (HHS) Avery Closser (HHS)
Research Talk #764 presented 4/13 @ 2:00pm	Rongbo Hu† (Engineering, Liberal Arts) Yutong Zhen‡ (Science)	David Peterson (Liberal Arts)
Research Talk #767 presented 4/13 @ 2:00pm	Harmya Bhatt† (Science)	Tianyi Li (Polytechnic Institute)
Research Talk #768 presented 4/13 @ 2:20pm	Ella Rose Chianist† (Science)	Brittany Allen-Petersen (Science) Samantha Tinsley (Science) Gagan Mall (Science)
Research Talk #769 presented 4/13 @ 2:40pm	Samuel Hammonst† (Science)	Fiona Wang (Liberal Arts)
Research Talk #773 presented 4/13 @ 3:00pm	Priyanka Rangat† (Science, Honors)	Aaron Bowman (HHS) Xueqi Tang (HHS)
Research Talk #777 presented 4/13 @ 3:20pm	Anurag Shah† (Liberal Arts, Science, Honors)	Michael Smith (Liberal Arts) Jonathan Lande (Liberal Arts)
Research Talk #779 presented 4/13 @ 3:00pm	Mariana Aguilar† (Science) Valeria Garcia* (Science) Katherine Meves* (Science)	Alexandria Johnson (Science)
Research Talk #780 presented 4/13 @ 3:20pm	Dean Calhoun† (Science)	Lei Wang (Science)
Research Talk #781 presented 4/13 @ 3:40pm	Addy Messerly† (Science)	Ximena Bernal (Science) Andrew Mularo (Science) Ana Longo (University of Florida)
Research Talk #785 presented 4/13 @ 4:00pm	Pongpatapee Peerapatanapokin† (Engineering) Ibrahim Saeed† (Science) Ananya Singh† (Science)	James Davis (Engineering) Vishal Purohit (Engineering) Wenxin Jiang (Engineering)
Research Talk #787 presented 4/13 @ 4:00pm	Joshua Balan† (Science)	Greg Michalski (Science)
Research Talk #788 presented 4/13 @ 4:20pm	James Bundy† (Science, Honors)	Mike Heinz (HHS) Robyn McCain (Veterinary Medicine)
Research Talk #789 presented 4/13 @ 4:40pm	Indiraa Doraivel† (Science)	Brittany Allen-Petersen (Science) Garima Baral (Science) Claire Pfeffer (Science)
Research Talk - LLLC #802 presented 4/13 @ 9:20am	Rowan Thornton† (Liberal Arts, Science)	Amina Gabrielov (Liberal Arts)
Research Talk - LLLC #808 presented 4/13 @ 10:40am	Emma Niecikowski† (Liberal Arts, Science, Honors)	Jessica Sturm (Liberal Arts)
Poster - LLLC #810 presented 4/13 @ 11:00am	Shamiso Marondera† (Liberal Arts) Brynne Mills† (Education, Liberal Arts) Yekaterina Yegorova* (Liberal Arts, Science, Honors)	Elena Benedicto (Liberal Arts) Eunice Opoku (Liberal Arts)
Research Talk - LLLC #820 presented 4/13 @ 2:00pm	Katya Yegorova† (Liberal Arts, Science, Honors) Brynne Mills* (Education, Liberal Arts) Miso Marondera* (Liberal Arts)	Elena Benedicto (Liberal Arts) Eunice Opoku (Liberal Arts)
Research Talk - LLLC #821 presented 4/13 @ 2:20pm	William White† (Science, Honors)	Beate Allert (Liberal Arts)

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<b>Presentation</b>	<b>Students</b>	<b>Mentors</b>
Research Talk - LLLC #822 presented 4/13 @ 2:40pm	Steven Bass† (Liberal Arts, Science)	Jen William (Liberal Arts)
Research Talk #900 presented 4/10-4/14 virtually	SeArre Abebet† (Science, Honors)	Zahra Tehrani (Honors)
Research Talk #905 presented 4/10-4/14 virtually	Kyle Bautista† (Engineering) William Jiang† (Science, Honors)	Yung-Hsiang Lu (Engineering)
Research Talk #908 presented 4/10-4/14 virtually	Gina Canino Quinones† (Science)	Kristine Marceau (HHS) Amy Loviska (HHS)
Research Talk #909 presented 4/10-4/14 virtually	Aneesh Chakravarthula† (Science, Honors)	Gerhard Klimeck (Engineering)
Research Talk #921 presented 4/10-4/14 virtually	Shiqi Kuang† (Science)	Danny Milisavljevic (Science) Ziwei Ding (Science)
Research Talk #927 presented 4/10-4/14 virtually	Lesedi Manyothwane† (Science)	Qian Wang (Liberal Arts)
Research Talk #931 presented 4/10-4/14 virtually	Yuka Nakamura† (Science, Honors)	Gang Shao (Libraries)
Research Talk #932 presented 4/10-4/14 virtually	Emma Niecikowski† (Liberal Arts, Science, Honors)	Petronio Bendito (Liberal Arts)
Research Talk #937 presented 4/10-4/14 virtually	Kat Payne† (Liberal Arts)	Tracy Grimm (Libraries) Michelle Thompson (Science)
Research Talk #946 presented 4/10-4/14 virtually	Xinyu Yang† (Engineering, Science) Zhaoyu Jin† (Engineering) Steven Andreas† (Engineering)	Cole Nelson (Engineering) Mark Johnson (Engineering) Matthew Swabey (Engineering)
Research Talk #947 presented 4/10-4/14 virtually	Yulei Yang† (Science)	Lisa Welp (Science)