



SPRING UNDERGRADUATE RESEARCH CONFERENCE

APRIL 9-16, 2024

PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA

SCHEDULE OF EVENTS

APRIL 9, 2024 | PMU BALLROOMS

9:00AM-10:00AM Poster Session 1

10:30AM-11:30AM Poster Session 2

12:00PM-1:00PM Poster Session 3

1:30PM-2:30PM Poster Session 4

APRIL 11, 2024 | STEW 214 & 218

9:00AM-5:00PM Research Talks

**10:00AM-4:00PM Literature, Linguistics,
Languages, & Culture
Colloquium**

APRIL 9 - 16, 2024 | ONLINE

Virtual presentations

View them at purdue.edu/undergrad-research/conferences/spring

We encourage those with a Purdue account to provide feedback to presenters.

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POSTER SYMPOSIUM

Posters are delivered in the Purdue Memorial Union North and South Ballrooms on April 9, 2024.

Posters sorted by last name of first author within each session.

FIRST POSTER SESSION | 9:00AM-10:00AM

- | | | | |
|--------|---|-------|--|
| 1000 | <i>Teagan Ames-Majeski†</i>
Mentor(s): Matthew Scarpelli; Joseph Speth; R. Timothy Bentley | 1015 | <i>Jaden Brooks†</i>
Mentor(s): Kim Kinzig; Sydney Trask; Brent Bachman; Erisa Met Hoxha |
| 1001ΩΔ | <i>Anahita Amirpour†; Grace Turner*; Amanda Veile*</i>
Mentor(s): Amanda Veile | 1016 | <i>Tori Burket†; Roma Kamat‡; Parker Davis‡</i>
Mentor(s): Julia Chester; Soyol Enkh-Amgalan |
| 1002 | <i>Nathan Arnold†; Alexander Eiguren†; Anna Radulski†; Grant Simst†; Alan Chao†</i>
Mentor(s): James Goppert; Nicole Adams; Nan Kong; Worawis Sribunma | 1017Ω | <i>Lorenzo Cacciapuot†</i>
Mentor(s): Mark Johnson; John Peterson |
| 1003 | <i>Janathan Balakrishnan†</i>
Mentor(s): James Gibert; Hongcheng Tao | 1018 | <i>Alexis Carroll†; Aidan Dibble†; Ann Marie Uhlmansiek†; Amanda Wolff†</i>
Mentor(s): Adam Quinn; Daphne Fauber; AJ Gin; Harry Ashbaugh; Kari Clase |
| 1004 | <i>Hannah Bard†; Perry Curtis*; Tamia Austin*</i>
Mentor(s): Ellen Wells | 1019 | <i>Jonah Chang†</i>
Mentor(s): Pat Kerstein; Labony Khandokar |
| 1005 | <i>Ella Barnest†; Emily Klaiber†</i>
Mentor(s): Soojung Jo; Min Sook Park; Yeseol Cho | 1020 | <i>Yuan-Jung Chen†; Andre Ponsott†; Angus Moore†</i>
Mentor(s): Kendra Erk; Ala Eddin Douba; Akul Seshadri |
| 1006 | <i>Olivia Battaglia†; Jacqueline O'Malley†</i>
Mentor(s): Arielle Borovsky; Philip Curtis | 1021 | <i>Briana Chen†; Ashley Ortiz†</i>
Mentor(s): Danny Milisavljevic |
| 1007 | <i>Kara Benbow†; Gabriela Surdyka‡</i>
Mentor(s): Joe Kokini; Harrison Helmick | 1022 | <i>Yashvi Choudhary†; Sirish Kayam‡; AnhThu Pham‡</i>
Mentor(s): Jeffrey Dick; Vanshika Gupta |
| 1008 | <i>Michael Bezick†; Vea Iyer†</i>
Mentor(s): Alexandra Boltasseva; Blake Wilson | 1023 | <i>Vladimir Condino†; Jaiveer Dutta†; Andrew Nilsson†; James Strayhorn†; Andrew Coleman†</i>
Mentor(s): Andreas Jung; Santosh Bhandari |
| 1009 | <i>Anika Bhoopalam†</i>
Mentor(s): Letian Dou; Arun Mannodi Kanakkithodi | 1024 | <i>Catherine Conway†</i>
Mentor(s): Michael Johnson |
| 1010Ω | <i>Sarah Bhuiya†</i>
Mentor(s): Melissa Franks; Alexander Francis | 1025Ω | <i>Ashton Cotton†</i>
Mentor(s): Taimoor Qazi; Scotty Secrist |
| 1011 | <i>Livia Bogdan†</i>
Mentor(s): Angeline Lyon; Kadidia Samassekou | 1026 | <i>Soumalya Das†</i>
Mentor(s): Debayan Das |
| 1012ΨΔ | <i>Lucy Bolles†; Emma Johnson†</i>
Mentor(s): Logan Strother | 1027 | <i>Vamsi Deeduvanu†; Tanvi Dhawade†; Alexander Aylward†; Nihar Atri†; Ron Natarajan†; Akshath Raghav Ravikiran†; Adrien Qi†</i>
Mentor(s): Yung-Hsiang Lu |
| 1013 | <i>Emily L Bond†</i>
Mentor(s): Yumary Ruiz; Madeline Moser | 1028Ψ | <i>Luke DeLion†; Alyson Owen†; Nicholas Zolnierczuk†; Junezuh Ghang‡</i>
Mentor(s): AJ Gin; Harry Ashbaugh; Adam Quinn; Daphne Fauber; Kari Clase |
| 1014 | <i>Lindsay Brncick†; Boxi Gong‡; Julia Flowers‡</i>
Mentor(s): Qiuhong He; MacKenzie McIntosh; Boxi Gong | | |

- 1029 *Aniket Dev Roy†*
Mentor(s): Jonathan Delph
- 1030Ω *Tanvi Dhawade†*
Mentor(s): Qingchun Li; Noori Kim; Tianle Duan
- 1031Ω *Brian Dodd†; Fraser Dougall†*
Mentor(s): Peter Bermel; Stylianos Chatzidakis; Allen Garner
- 1032 *Sohil Doshi†*
Mentor(s): Deepak Suthar
- 1033 *Nikita Dubrovsky†; Abhishek Kini*; Aayush Iyengar**
Mentor(s): Ran Dai
- 1034 *Gavin Duffy†; Ruth Wei†*
Mentor(s): Caitlin Proctor; Aliya Ehde
- 1035 *Molly Dye†; Nicole Nagel†*
Mentor(s): Bradley Duerstock; Thomas Everett; Mitchell Sanchez
- 1036 *Mary Earp†*
Mentor(s): Shubhra Bansal; Haohan Guo
- 1037Ω *Youssef Errihani†*
Mentor(s): Steve Lindemann; Miguel Gonzales
- 1038 *Elizabeth Christine Farrell†*
Mentor(s): Qing Deng; Tyler Pikes; Scotty Secrist
- 1039Ω *Abigail Foley†*
Mentor(s): Melissa Franks; Alexander Francis
- 1040 *John Frandina†; Gabrielle Pedigo†*
Mentor(s): Aaron Specht; Chandler Burgos
- 1041 *Roy Galazka†; Raymond Glowner†; Devyani Tyagi†; Tiancheng Zhang†*
Mentor(s): Danny Milisavljevic; Ziwei Ding
- 1042 *Rohan Gangaraju†; Pranav Srisankar†; Sean Greenley†*
Mentor(s): Mark Johnson; Cole Nelson
- 1043 *Brianna Gast†; Lauren Jones†; Addison Hill†; Michayla Dinn†; Ellie Ketcham†*
Mentor(s): Theresa Casey; Linda Beckett
- 1044 *Madelyn Gearld†; Julia Flowers†*
Mentor(s): Kathryn LaRoche
- 1045 *Brandon Goepner†*
Mentor(s): Shreya Ghosh
- 1046Ω *Samuel Gomez†*
Mentor(s): Sudip Vhaduri
- 1047Ω *Son Ha†; Jonah Nichol†; Vinay Gupta†; Aaditya Doiphode†*
Mentor(s): David Purpura; Avery Closser
- 1048 *Jaya Hari†; Alice Dragnea†; Dheepa Hari†; Yash Ashtekar†; Aryan Srivastava†; Nikhil Saxena†; Shuangding He†; Nikitha Suraj†; Geervan Bhattacharjee†*
Mentor(s): Yung-Hsiang Lu; Kylie Sommer-Kohrt
- 1049 *Ashley Hartman†; Madeline Douglas†*
Mentor(s): Laura Claxton; Paige Thompson
- 1050 *Kyle Harvey†; Nicholas Bogan†*
Mentor(s): Gustavo Rodriguez-Rivera
- 1051 *Khaleel Ibrahim Hassan†*
Mentor(s): Muhammad Hussain; Andres Castillo
- 1052 *Amirah Haweitt†; Isabela Ramirez Ortiz**
Mentor(s): Amanda Deering; Hansel Mina; Adriana Vanegas Torres
- 1053 *Zachery Heppner†; Drake Strait†; Hudson Schneider†; Michael Perrin†; Derek Temple†; Katherine DeMarco†*
Mentor(s): Adam Quinn; Harry Ashbaugh; AJ Gin; Daphne Fauber; Kari Clase
- 1054Ω *Brogan Holt†; Daniel Wu*; Tristan Darby*; Dylan Hall*; Zach Tan*; Carl Chandra*; Ayan Hossain*; Apoorva Bahl*; Kexin Han*; Grant Goldsmith**
Mentor(s): John Sheffield
- 1055 *Jon Hurley†*
Mentor(s): Soojung Jo; Tatiana Ringenberg
- 1056 *Luca Iacobucci†; Sierra Hunnicutt†; Hannah Reyes Charles†; Katie Hong†; Zhixin Cai†; Ryan Feller†; Anthony Tan†*
Mentor(s): Kristen Bellisario
- 1057 *Lourdes Ignacio†; Selina Lin†; Shreeya Ettireddy†*
Mentor(s): Brett Meyers; Pavlos Vlachos
- 1058 *Rachel Isaac†; Maria Armenta†*
Mentor(s): Bridgette Kelleher; Wei Siong Neo
- 1059 *Clayton Jarosinski†; Claire Middendorf†*
Mentor(s): Marika Santagata; Luis-Enrique Garzon-Sabogal
- 1060 *Lauren Jones†; Addison Hill†; Brianna Gast†; Ellie Ketcham†*
Mentor(s): Theresa Casey; Linda Beckett
- 1061 *Christina Joslin†*
Mentor(s): Nadia Gkritza; Bruno Cesar Krause
- 1062 *Elisabeth Justice†*
Mentor(s): Aaron Thompson; Yiwei Huang; Erin Percevault

- 1063 *Connie Kang†; Rongbo Hu†; Nicholas Martel†; Qinjia Xu‡; Jessica Lyng‡; Jiaming Fang‡*
Mentor(s): Abolfazl Hashemi; Shivam Bhat; Zijian He
- 1064Ω *Temirlan Karataev†; Tim Nadolsky†; Calvin Tseng†; Caasi Boakye†; Shrish Senthilkumar†; Ping-Hung Ko†; Rixin Chen†; Minsoo Oh†*
Mentor(s): Yung-Hsiang Lu; Kristen Yeon-Ji Yun
- 1065Ω *Ishita Kataki†*
Mentor(s): Lara Balian; Jacqueline Linnes; Natalia Rodriguez
- 1066 *Bethany Kettleborough†*
Mentor(s): Lisa Welp
- 1067 *Julie Kim†*
Mentor(s): Denny Yu; Guoyang Zhou
- 1068Ω *Debora Kim†; Elliott Shi†*
Mentor(s): Michelle Garrison; Garrett Price
- 1069 *Caleb Klopfensteint†*
Mentor(s): Pat Kerstein; AJ Alqahtani
- 1070 *Anna Klupshast†; Jacob Strietelmeier†*
Mentor(s): Andreas Jung; Lingqiang He
- 1071 *Rachel Kuhn†; Kayleigh Jennings‡*
Mentor(s): Kranthi Varala; Rajeev Ranjan
- 1072 *Andy Lam†; Yu-Wei Chang†; Yiyuan Zhang†*
Mentor(s): Edward Delp
- 1073 *Megan Lawson†*
Mentor(s): Cat Searle; Paradyse Blackwood
- 1074 *Sangjin Lee†; Andrew Liu‡; Benjamin Miller‡; Ansh Gangapurkar‡; Hyun (Eric) Kang‡; Rahul Menon‡*
Mentor(s): Tillmann Kubis; Logan Melican; Daniel Lemus
- 1075 *Harry Lee†*
Mentor(s): Eduardo Barocio
- 1076 *Sarah LeFever†*
Mentor(s): John Mulrow
- 1077 *Sydney Leohr†*
Mentor(s): Seema Mattoo; Ben Watson
- 1078 *Isabella Levine†*
Mentor(s): Peter Bermel; Sayan Roy; Stylianos Chatzidakis; Allen Garner
- 1079Ω *Brianna Lewis†; Alexis Hawkins†; Claire Maurer†*
Mentor(s): Pavlos Vlachos; Brett Meyers; Rozhin Derakhshandeh
- 1080Δ *Selina Lin†; Chris Farber*; Neel Sarathy**
Mentor(s): Soojung Jo; Min Sook Park
- 1081 *Erica Long†*
Mentor(s): Tim Johnson; Isabela Garcia Mendes de Araujo Santos; Madison Simonds; Ruth Centeno Martinez; Jacquelyn Boerman
- 1082 *Noah Lyon†*
Mentor(s): Cathie Aime; Samira Fatemi
- 1083Ω *Yashwanth Reddy Mahesh Kumar†*
Mentor(s): Deniz Besiktepe
- 1084 *Carson Mann†*
Mentor(s): Matthew Scarpelli; Mackenzie Coon
- 1085 *Gabe Martinez†; Abhilash Saravanat†; Christopher Lee†; Nandini Pandet†*
Mentor(s): Edward Delp
- 1086 *Annie McCarthy†*
Mentor(s): Michael Johnson
- 1087 *Aidan McDonough†*
Mentor(s): Denny Yu; Ryan Villarreal
- 1088 *Karrick McGinty†; Mason Giacchetti*; Travis Hastreiter**
Mentor(s): Andreas Jung; Andrew Wildridge; Yao Yao; Ethan Colbert
- 1089 *Stan Melkumiant†; Elizaveta Filippova†; Prakhar Saxena†; Adam Weber†; Ethan Shatz‡; Dean Stornello‡*
Mentor(s): Adam Quinn; Daphne Fauber; Harry Ashbaugh; AJ Gin; Kari Clase
- 1090 *Breeann Mild†*
Mentor(s): Jennifer Freeman
- 1091 *Mickayla Miller†*
Mentor(s): Ximena Bernal; Katherine González
- 1092 *Giovanni Minghetti†; Seth Jimenez†; Adelaide Bullard†; Lillian Woolley†*
Mentor(s): AJ Gin; Harry Ashbaugh; Daphne Fauber; Adam Quinn; Kari Clase
- 1093 *Hannah Murawski†*
Mentor(s): Kristine Marceau; Li Yu
- 1094 *Kathryn Myerst†*
Mentor(s): Ximena Bernal; Katherine González
- 1095Ω *Andrew Nelson†; Noor Owayni†*
Mentor(s): Betsy Parkinson; Noah Moriarty
- 1096Ω *Aarohi Panzade†; Akhil Kasturi†; Rahul Ghosh†*
Mentor(s): David Purpura; Avery Closser
- 1097 *Karina Paone†*
Mentor(s): Chad Carroll; Eric Gutierrez
- 1098Ω *Mitul Patel†*
Mentor(s): Riya Shi; Martina Dalolio

- 1099Ω *Vidhi Patel†*
Mentor(s): Lisa Bosman
- 1100 *Stanislav Pelipad†*
Mentor(s): Lucas Cohen
- 1101Ω *Emileo Peralta†*
Mentor(s): Cat Searle; Kurt Lutz; Mark Williams
- 1102 *Megan Perr†*
Mentor(s): Michael Johnson
- 1103 *Giulio Pettenati†*
Mentor(s): Zhi Zhou; Ejike Ken-Oporum
- 1104 *Vinh Pham Ngoc Thanh†*
Mentor(s): Smriti Bhatt
- 1105 *Enos Pray†; Armand Destin†; Adalene Stangeland†; Amy Murdock†; Anagha Gaitonde†; Megan Painter†*
Mentor(s): AJ Gin; Adam Quinn; Harry Ashbaugh; Daphne Fauber; Kari Clase
- 1106 *Owen Rahman†*
Mentor(s): Robin Tanamachi
- 1107Ω *Zachary Ramirez†*
Mentor(s): Tho Le
- 1108 Withdrawn.
- 1109 *Harini Ravichandran†*
Mentor(s): Lynn Parrish; Alfred Lopez
- 1110 *Bronwyn Rigsby†*
Mentor(s): Jill Newton; Doris Fulwider; Bima Sapkota
- 1111 *Ben Roberts†*
Mentor(s): Sidney Ducleroir
- 1112 *Jeremy Roost†*
Mentor(s): Tong Ren; Leobardo Rodriguez Segura
- 1113 *Jonathan Ryan†*
Mentor(s): Justin Weibel; Boyu Duan; Liang Pan
- 1114Ω *Joao Paulo Schott Ymayo†; Mateo Llerna*; Corey Auerbach**
Mentor(s): Shreyas Sundaram; Charles D'Onofrio
- 1115 *Chris Selig†*
Mentor(s): Breanya Hogue
- 1116Ω *Shatakshi Shelar†; Yu Lu†*
Mentor(s): Nasreen Lalani; Bhagyashree Katare
- 1117 *William Shumway†; Zachary Ryan**
Mentor(s): Erik Otarola-Castillo
- 1118Ω *Richard Silvester†; Aadi Jangid†; Alejandra De la Torre Garcia†; Aarohi Panzade†; Philip Liu†; Pavan Sathenger†; Katelin Mcalli Rainey†; Ji Yeon Lee†*
Mentor(s): Wenzhuo Wu; Robert Ccorahua-Santo; Jing Jiang; Katelin Mcalli Rainey; Ji Yeon Lee
- 1119 *Chiho Song†; Vir Toshniwal†; Ruby Woudneht†; Kareena Patel†; Haichang Lu†; Tim Nadolsky†*
Mentor(s): Kristen Yeon-Ji Yun; Yung-Hsiang Lu
- 1120 *Aavya Srivastava†*
Mentor(s): Deva Chan; Cameron Villarreal
- 1121Ω *Sophie Stahl†*
Mentor(s): Leanne Nieforth; Sara Kaufman
- 1122 *Emma Summers†*
Mentor(s): J. Peter Moore
- 1123 *Eva Taylor†; Ashlita Lodha†; Mark Naguib†; Isabella Wilson†*
Mentor(s): Alvin Kao; Salim Onbasi
- 1124 *Krish Thakkar†; Taylor Vicente†*
Mentor(s): Xiaoyu Liu
- 1125 *Ameera Trady†*
Mentor(s): Michael Johnson
- 1126 *Calla Tucker†*
Mentor(s): You-Yeon Won; Seyoung Kim
- 1127 *Sophia Ung†*
Mentor(s): Cary Troy; Hazem Abdelhady
- 1128 *Nathaniel Veach†*
Mentor(s): Sidney Ducleroir
- 1129Ω *Andrew Walker†; Emmaleigh Shinno†*
Mentor(s): Shalini Low-Nam; Kevin Scrudgers; Vinay Menon; Jean Chmielewski; Thomas Dietsche
- 1130 *Ellen Wei†*
Mentor(s): John Tesmer; Mackenzie Imhoff
- 1131 *Jasmine White†*
Mentor(s): Doug Samuel
- 1132 *Gwyneth Wong†*
Mentor(s): Leifu Chang; Indranil Mukherjee
- 1133 *George Yousseff†*
Mentor(s): Denny Yu; Pramiti Sarker; Jingkun Wang
- 1134 *Zirui Zhang†; Priyam Gupta†; Shannon Cheng†; Lauren Britten†; Sean Ruda†; Kevin Xiao†*
Mentor(s): Mahdi Hosseini
- 1135 *Anel Zhussupbekova†*
Mentor(s): Jan Olek; Alberto Castillo

SECOND POSTER SESSION | 10:30AM-11:30AM

- 1200 *Shams Adigozalzade†*
Mentor(s): Betty Feng
- 1201 *Divij Agarwal†; Vasileios Kalaitzidis†; Liam Gallagher†*
Mentor(s): Andreas Jung; Husheng Guan
- 1202 *Maggie Anderson†*
Mentor(s): Tesfaye Mengiste; Madylin Schaidler; Chao-Jan Liao
- 1203 *Lillian Andist†*
Mentor(s): Alex Pasternak; Alyssa Smith
- 1204 *Megan Ashby†*
Mentor(s): Alex Pasternak
- 1205 *Kyala Augustin†*
Mentor(s): Michael Johnson
- 1206 *Tamia Austin†*
Mentor(s): Ellen Wells
- 1207 *Aaron Banks†*
Mentor(s): Jan-Anders Mansson; Patrick Cavanaugh; Teal Dowd
- 1208 *Shawn Belongia†*
Mentor(s): Vilas Pol; Annie Sun
- 1209 *Saraf Bhuiya†*
Mentor(s): Jennifer Freeman
- 1210 *Rachit Bisht†; Aiyan Alam†*
Mentor(s): Marco Hadisurya
- 1211 *Alexandra Britto†; Kayla Osen‡*
Mentor(s): Keith Cherkauer; Zhi Zhou
- 1212 *Meghan Brown†*
Mentor(s): Lisa Welp; Alexandra Meyer
- 1213 *Sydney Brown†*
Mentor(s): Alexandria Johnson; Gouri Prabhakar
- 1214 *Alexa Burke†*
Mentor(s): Daniel Suter; Laura Pulido Cifuentes
- 1215 *Joseph Carrig†; Jingyu Xiao†; Massimo Lapina†*
Mentor(s): James Garrison; Archana Choudhari
- 1216 *Jacob Carroll†; David Lender†; William Jiang†; Dogyu Ryu†; Mihika Sharma†; Anthony Petrescu†*
Mentor(s): Matthew Swabey
- 1217 *Kaubfar Changkanjana†*
Mentor(s): Matthew Scarpelli; Philip Durham; Mackenzie Coon
- 1218Ω *Leo Chen†; Adarsh Veerapaneni*; Amy Tong*; Saandiya KPS Mohan*; Jadden Picardal*; Zilu (Johnny) Jin*; Ata Ulas Guler*; Alicia Zhou*; Jin Hyun Kim**
Mentor(s): Dave Barbarash
- 1219 *Jingyu Chen†*
Mentor(s): Garam Kim; Waterloo Tsutsui
- 1220 *Veronica Cheng†*
Mentor(s): Shubhra Bansal; Faharia Hasan Bhuiyan
- 1221 *Ella Rose Chianis†*
Mentor(s): Brittany Allen-Petersen; Samantha Tinsley
- 1222 *Yu Chung†; Sophie Mbongo‡*
Mentor(s): Amanda Veile
- 1223 *Meredith Clark†; Benjamin Krugman†*
Mentor(s): Xiaoyu Liu
- 1224 *Quinn Clemenz†; Lauren Voss*; Olivia Richter*; Samantha Maari**
Mentor(s): Elliot Friedman
- 1225 *Alexander Collins†; Adrian Romo-Loomis*; Doren Cohen*; Jackson Thompson*; Prahlad Shelvapille**
Mentor(s): Shreya Ghosh
- 1226 *Gabby Conjelko†; Sam King‡*
Mentor(s): Emily Dykhuizen
- 1227 *Aaron Coppeta†*
Mentor(s): Deva Chan; Alex Nguyen
- 1228 *Matthew Corson†; Sofia Schumann‡*
Mentor(s): Jason Cannon; Fatema Currim; Josephine Brown-Leung; Reeya Tanwar
- 1229 *Wyatt Crain†*
Mentor(s): Adam Wasserman; Yuming Shi; Alvin Uppgård
- 1230 *Lauryn Crumbley†; Ryan Mason*; Kinaya Hines**
Mentor(s): Michael Johnson
- 1231 *Perry Curtist†; Hannah Bard*; Tamia Austin**
Mentor(s): Ellen Wells; Edem Sededji
- 1232Ψ *Arianna Dejoie†*
Mentor(s): Yvonne Pitts; Scotty Secrist
- 1233 *Aryaman Dewan†*
Mentor(s): Raluca Ostafe
- 1234Ψ *Sophia DeWitt†*
Mentor(s): Michele Buzon; Sarah A Schrader

- 1235 *Fraser Dougall†; Brian Dodd‡*
Mentor(s): Peter Bermel; Stylianos Chatzidakis;
Allen Garner
- 1236Ω *Avi Dube†; Peter Zakariya†; Sully Cisco*; Justin Gan*; Sahithi Gokavarapu*; Josh Krohn*; Derek Matthei*; Anne Mitten*; Pranati Patchigolla**
Mentor(s): Shreyas Sundaram; Younggil Chang
- 1237 *Elena Eberwine†*
Mentor(s): Dan Foti; Kimberly Galvez-Ortega;
Kaylin Hill
- 1238 *Jiaming Fang†; Qinjia Xu‡; Zay Linn Htet*; Drew Philhower*; Rongbo Hu**
Mentor(s): Abolfazl Hashemi; Zijian He
- 1239Δ *Chris Farber†; Neel Sarathy‡; Selina Lin‡*
Mentor(s): Soojung Jo; Min Sook Park
- 1240 *Maximillian Farrell†; Jack Scarfo†; Anish Asthi†; Minh Vu†; Vinh Tran†; Mateo Hackett†; Michael Pipert†; Anthony Wachowski†; Avinash Ignaczak†*
Mentor(s): Matthew Swabey; Jaeeun Kim
- 1241 *Mia Fleisher-de Kozan†*
Mentor(s): Aaron Bowman; Anke Tukker;
Jennifer Schmitz
- 1242 *Mason Fleming†*
Mentor(s): Peter Bermel; Hannah Pike
- 1243 *Madison Flowers†*
Mentor(s): Mark Lipton; Kaif Rashid Khan
- 1244 *Madyson Foster†*
Mentor(s): Wayne Campbell
- 1245 *Ethan Fox†*
Mentor(s): Daniel Raudabaugh; Cathie Aime
- 1246 *David Fries†*
Mentor(s): Hana Hall; Kendall Cottingham
- 1247 *Anaëlle Gackiere†*
Mentor(s): Shelley MacDermid Wadsworth
- 1248 *Darshak Gadagkar†*
Mentor(s): Riley Barta
- 1249 *Kylee Gall†*
Mentor(s): Lisa Hilliard
- 1250 *Mridulla Ganesh†*
Mentor(s): Lisa Bosman
- 1251 *Ansh Gangapurkar†; Sangjin Lee*; Andrew Liu*; Rahul Menon*; Hyun (Eric) Kang**
Mentor(s): Tillmann Kubis; Logan Melican
- 1252 *Andrew Gangstad†; Shaiv Mehra†; Tommy Mullin†; Joshua Sexton†*
Mentor(s): Sherry Harbin; Stacey Halum;
Theodore Puls
- 1253 *Junezuh Ghang†*
Mentor(s): Teresa Carvajal
- 1254 *Grace Gilbert†; Trina Tagamolila‡; Sarah Ramsey‡*
Mentor(s): Sarah Karalunas; Sarah Pieper
- 1255 *Jennifer Gillette†; Jaron Hunt†; Danny Thornewell†*
Mentor(s): Shreya Ghosh; Samuel Labi
- 1256 *Emma Gordon†*
Mentor(s): Kathryn LaRoche
- 1257 *Paige Greenfield†*
Mentor(s): Tillmann Kubis; William LeFever
- 1258 *Kayla Grennest†*
Mentor(s): Ying Li; Ryan Patrick
- 1259 *Vinay Gupta†; Shrienidhi Gopalakrishnan‡*
Mentor(s): Alejandro Strachan; Brian Lee
- 1260 *Riddhi Gupta†*
Mentor(s): Lisa Bosman
- 1261 *Jarren Haggard†; Katie Peterson**
Mentor(s): Sarah Renkert
- 1262 *Anna Hardy†*
Mentor(s): Brandon Kistler
- 1263 *Audrey Harrison†*
Mentor(s): Edward Bartlett; Meredith Ziliak
- 1264 *Abigail Heppelmann†*
Mentor(s): Steve Steinhubl
- 1265 *Marco Herbsommer†*
Mentor(s): Vikas Tomar; Sushrut Karmarkar;
Meghana Sudarshan; Mahavir Singh
- 1266 *Addison Hill†; Lauren Jones‡; Brianna Gast‡; Ellie Ketcham‡*
Mentor(s): Theresa Casey; Linda Beckett
- 1267 *Seoyeon Hong†*
Mentor(s): Maria Olivero-Acosta
- 1268 *Hoang Hua†; Areli Viveros-Hernandez†*
Mentor(s): Tho Le
- 1269 *Sierra Hunnicutt†; Zhixin Cai‡; Ryan Feller‡; Katie Hong‡; Luca Iacobucci‡; Hannah Reyes Charles‡; Anthony Tan‡*
Mentor(s): Kristen Bellisario

- 1270 *Dabin Jung†*
Mentor(s): Chitta Das; Rishi Patel; Zach Budimir;
Yu Nishio; Betsy Parkinson
- 1271 *Alex Karns†*
Mentor(s): Steven Son; James Cooper; Tim
Manship
- 1272 *Mingyu Kim†; Heesoo Kim†*
Mentor(s): James Davis; Wenxin Jiang
- 1273 *Andree Kolliegbo†*
Mentor(s): Nadia Lanman
- 1274 *Molly Kosiba†*
Mentor(s): Sharon Kessler; Sienna Ogawa
- 1275 *Ashlyn Kwan†*
Mentor(s): Matthew Scarpelli; Scotty Secrist
- 1276 *Briana Lavine†*
Mentor(s): Kerrie Douglas; Melissa Dyehouse
- 1277 *Seungho Lee†*
Mentor(s): John Mulrow; Kendrick Hardaway
- 1278 *Lisa Li†*
Mentor(s): Tyler Tallman
- 1279 *Nathaniel Lindsay†; Bonnie Cimack*; Katie
Tooley*; Catherine Bell**
Mentor(s): Jeff Lucas; Rebecca Trapp
- 1280 *Joseph Lopez†; Caleb Suhy**
Mentor(s): Pramey Upadhyaya; Abhishek
Solanki
- 1281 *Samantha Maari†; Lauren Voss*; Quinn
Clemenz*; Olivia Richter**
Mentor(s): Elliot Friedman
- 1282 *Rohan Malavathu†*
Mentor(s): Alexandra Boltasseva; Blake Wilson
- 1283 *Lillian Maldia†*
Mentor(s): Caitlin Proctor
- 1284 *Mia Martinez†; Paige Davis‡*
Mentor(s): Gaurav Chopra; Guang Yang; Pooja
Saklani; Harshit Arora; Caitlin Randolph
- 1285 *Michael Maslowski†*
Mentor(s): Nandhini Giri
- 1286Δ *Kathryn McGregory†; Ellen Densmore*; Madison
Miller*; Katelyn Decker**
Mentor(s): Amanda Yuile; Arielle Borovsky
- 1287 *Vihaan Mercchant†*
Mentor(s): Michael Johnson
- 1288 *Valentina Micolisint†; Emily Bell‡; Andy Navarro‡*
Mentor(s): Edward Bartlett; Meredith Ziliak
- 1289 *Audrey Middaugh†*
Mentor(s): Annabelle Atkin; Nathan Lieng; Rich
Lee; Amelia Blankenau
- 1290 *Joanna Miller†*
Mentor(s): Christopher Oakley; Samuel Mantel
- 1291 *Lillian Millsbaugh†*
Mentor(s): Sarah Karalunas; Madelyn Blake
Heise
- 1292Ψ *Nicholas Mitchell†*
Mentor(s): Ellen Wells
- 1293 *Alexander Nishio†; Dhanush Tipparaju†; Jayson
Stansbury**
Mentor(s): Abolfazl Hashemi; Zijian He; Shivam
Bhat
- 1294 *Darbin Oh†; Benjamin Tofil‡; Gangsan Lee*;
Cheong Eun Kim*; Lyu Jia Sue*;
Rakhmatillokhon Abdubaev*; Jozue Kim**
Mentor(s): Zhihong Chen; Joerg Appenzeller
- 1295 *Kennedy Outlaw†*
Mentor(s): Angeline Lyon; Isaac Fisher
- 1296 *Raahil Pattan†*
Mentor(s): Akanshu Sharma; Gaurav Chobe
- 1297 *Adam Piaseczny†*
Mentor(s): Christopher Brinton; Eric
Ruzomberka; Rohit Parasnis
- 1298 *Holly Pickett†*
Mentor(s): Lisa Hilliard
- 1299 *Hurshal Pol†*
Mentor(s): Jason Cannon; Josephine Brown-
Leung; Fatema Currim
- 1300 *Alejandra Porras Hernandez†*
Mentor(s): Yumary Ruiz; Alexia Carrizales; Zoe
Taylor
- 1301 *Zachary Purcell†; Rauf Erkiletlioglu*; Minh
Nguyen**
Mentor(s): Junfei Li
- 1302 *Rineet Ranga†; Akila Abeyaratna†*
Mentor(s): Yang Yang; Brody Deming
- 1303 *Jaixai Reineke†; Misri Shah†*
Mentor(s): Molly Scudder
- 1304 *Emily Rent†*
Mentor(s): Laura Murray-Kolb; Elina Dawoodani
- 1305 *Oliwia Rentley†*
Mentor(s): Anne Sereno; Daniel Larranaga
- 1306 *Olivia Richter†; Lauren Voss*; Quinn Clemenz*;
Samantha Maari**
Mentor(s): Elliot Friedman

- 1307 *Mia Rodriguez†*
Mentor(s): Youli Mantzicopoulos; Xiang Zhou;
Brenda Shein
- 1308 *Avigdor Roytman†; Ashwin Sreedhar†; Abhiram Nambiar†; Chris Sigmund†; Kris Gurung†*
Mentor(s): Edward Delp; Carla Zoltowski
- 1309 *Gustavo Saez Cruz†*
Mentor(s): Arnab Banerjee
- 1310 *Ryan San Juan†*
Mentor(s): David Warsinger; Jinwoo Oh; Junyan Ren; Makena Thompson
- 1311 *Kali Sayovitz†*
Mentor(s): Patricia Wolf; Apekshya Chhetri;
Jellie Snyder; Mirandia Szramowski
- 1312 *Vinayak Shankar†*
Mentor(s): Yang Yang
- 1313 *Anshi Shastry†*
Mentor(s): Toni Rogat; Hyeree Cho
- 1314 *Jonathan Shimizu†*
Mentor(s): Mike Saunders
- 1315 *Yashashwini Singh†; Leo Malachowski†; Tushar Singh†; Alex Tauriainen†; Michael Lee†; Arjun Sideryst†; Duc Pham†; Eduard Tanaset†; Khanh Nguyen†; Justin Sanchez†; Venya Bhardwaj‡; Geetika Chitturi‡*
Mentor(s): Mark Johnson; Jude Pinto; Cole Nelson
- 1316 *Lyndsey Sipe†*
Mentor(s): Michael Johnson
- 1317 *Shelby Sliger†*
Mentor(s): Joe Ogas; Jiaxin Long
- 1318 *Katherine Stockhausen†*
Mentor(s): A.J. Schwichtenberg; Carolyn McCormick; Claire Rosenberger; Mehreen Hassan
- 1319 *Kirsten Strout†; Jason Cachur*; Joshua Harp*; Chris Parrett*; Reagan Fahey*; Olivia Phillips*; Ashley Lund*; Kellyn Bucceri*; Hannah Negash*; Anabelle Nelson**
Mentor(s): Laura Moffat
- 1320 *Dayoon Suht†*
Mentor(s): Byung-Cheol Min; Go-Eum Cha
- 1321 *Christopher Tan†*
Mentor(s): Somali Chaterji; Saurabh Bagchi; Yin Li; Pengcheng Wang; Fangzhou Mu
- 1322 *Lauren Thompson†; Bradley Shannon†; Ryan Houser†; Priyanshu Datta Roy†*
Mentor(s): Harry Ashbaugh; Kari Clase; AJ Gin; Daphne Fauber; Adam Quinn
- 1323 *Austin Throckmorton†*
Mentor(s): Justin Weibel; Alexander Ceperley
- 1324 *Enzo Tiptur†; Elliot Wong*; Christian Davus*; Jack Slater*; Nicholas Gano*; Andrew Song**
Mentor(s): James Goppert; Worawis Sribunma
- 1325 *Adeline Waltz†; Xinmeng Zhou†*
Mentor(s): Youli Mantzicopoulos
- 1326 *Bruce Ward†*
Mentor(s): Jeff Lucas; Jonathan Jenkins
- 1327 *Ryan Weiss†*
Mentor(s): Sidney Ducleroir
- 1328 *Carter Wilson†*
Mentor(s): Michael Johnson
- 1329 *Claire Wolfer-Jenkins†*
Mentor(s): Jimmy Dooley
- 1330 *Madeleine Yee†*
Mentor(s): Samuel Nielson
- 1331 *Benjamin Zirkle†*
Mentor(s): Yang Yang; Maria Olivero-Acosta; Kyle Wettschurack
- 1332 *David Zist†; Anna McCoy†*
Mentor(s): Lauren Stoczynski; Stephanie Gardner
- 1333 *Caroline Zu†*
Mentor(s): Betsy Parkinson; Haylie Hennigan; Lauren Wilbanks
- 1334 *Aarav Zutshi†*
Mentor(s): Kaitlyn Hood

THIRD POSTER SESSION | 12:00PM-1:00PM

- 1400 *Saleh Alaayed†*
Mentor(s): Junfei Li
- 1401 *Natalie Anderson†*
Mentor(s): Sidney Ducleroir
- 1402 *Kihunn Anderson†*
Mentor(s): Vetrica Byrd
- 1403 *Kay Annunziata†*
Mentor(s): Daniel Raudabaugh; Cathie Aime

- 1404 *Abigail Antonishekt†; Emma Jeffriest†; Madeline Stevenson†; Molly Sheant†; Faith Wagnert†; Emma Kessingert†*
Mentor(s): Adam Quinn; Harry Ashbaugh; AJ Gin; Daphne Fauber; Kari Clase
- 1405 *Ari Arzumanian†*
Mentor(s): Jo Davisson; Vallabh Suresh
- 1406Ω *Ishaan Bajpai†; Adithi Praveenkumart†; Parth Doshi†; Jonathan Oppenheimert†; Julia Dolpies†; Ivan Ni*; Vaibhav Turaga**
Mentor(s): Santiago Torres-Arias
- 1407 *Nikolai Baranov†*
Mentor(s): Li Qiao; Holman Lau
- 1408 *Emily Bell†; Andy Navarro‡*
Mentor(s): Edward Bartlett; Meredith Ziliak
- 1409 *Isabella Belperio†; Irina Zhilinskaya†; Laney Shafert†; Alexander Higgins†*
Mentor(s): Adam Quinn; Daphne Fauber; AJ Gin; Harry Ashbaugh; Kari Clase
- 1410 *Arjun Bhadoria†*
Mentor(s): Raj Gounder; Enrique Iglesia
- 1411 *Aanant Bhagat†*
Mentor(s): Bryan Duarte
- 1412 *Praneel Bhandari†; Akhilesh Prasad†*
Mentor(s): Mark Johnson; Jude Pinto
- 1413 *Adi Bhatnagar†*
Mentor(s): Lucas Cohen
- 1414 *Taylor Buchowski†; Sarah Choi†; Anabela Djurovic-Topalovic†; Aishwarya Menont†; Amalia Rosenthal†; Amelia Winkelman†*
Mentor(s): Adam Quinn; Harry Ashbaugh; AJ Gin; Daphne Fauber; Kari Clase
- 1415Ω *Zhixin Cai†; Saloni Parkar*; Isabella Duzman**
Mentor(s): Kristen Bellisario; Christine Elliott
- 1416 *Siddarth Calidas†; Jerry Chen†; Yilin Xu†*
Mentor(s): Mark Johnson; Jude Pinto
- 1417 *Daniel Ceglie†; Catie Fleming‡*
Mentor(s): Caitlin Proctor
- 1418 *Evan Chen†; Andrew Huang†; Aditya Mittal†*
Mentor(s): Shreya Ghosh
- 1419 *Camryn Clappert†; Valeria Rodríguez‡*
Mentor(s): Matthew Scarpelli; Jessica Veenstra
- 1420Ω *Braiden Doane†; Rachel Durham†*
Mentor(s): Inna Abramova
- 1421 *Abhigyan Doshi†*
Mentor(s): Steve Wereley; Pranshul Sardana; Varun Aggarwal
- 1422 *Aaron Du†*
Mentor(s): Tiwei Wei; Keyu Wang
- 1423 *Alexandra Earle†*
Mentor(s): Brian Tackett; Hwiyeon Noh
- 1424 *Mallory Ellert†*
Mentor(s): Laura Moffat
- 1425 *Jacob Eyster†*
Mentor(s): Jonathan Shannahan; Arjun Pitchai; Li Xia; Bruce Cooper; Amber Jannasch
- 1426 *Elizaveta Filippova†; Seth Grabert†; Isabelle Baggio‡; Christopher Miotto‡; Brandon Mar†*
Mentor(s): Aaron Lottes; Andrew Sivaprakasam
- 1427 *Claire Fisher†; Sophia Horn‡; Hallie Jackson‡; Emma Engel*; Olivia Zaragoza**
Mentor(s): Maria Sepúlveda; Tyler Hoskins; Nathan Mak
- 1428 *Delilah Flora†; Gangmin Kim‡*
Mentor(s): Harm HogenEsch; Ahmed AbdelKhalek; Raluca Ostafe
- 1429 *Matthew Fortino†*
Mentor(s): Chad Carroll
- 1430 *Augustine Gallespent†; Autumn Reynolds†*
Mentor(s): Michelle Garrison; Sumin Im
- 1431 *Yunfei Gao†; Carson Denoot†; Chuan-Chen Kot†*
Mentor(s): Boyuan Chen; Sergey Zakharov
- 1432 *Lauren Gartenhaus†*
Mentor(s): Jason Hanna; Annaleigh Powell-Benton
- 1433 *Alexandra Gillmant†; Lucy Ehmann†; Carolina Kim†; Natalie Haynest†; Henrietta Ndubuokwu†; Danae Youngstedt†*
Mentor(s): Harry Ashbaugh; Daphne Fauber; Adam Quinn; AJ Gin; Kari Clase
- 1434 *Kush Gogia†; Yash Mehta†*
Mentor(s): James Davis
- 1435 *Claire Gourlay†*
Mentor(s): Brandon Kistler
- 1436 *Anna Grobengiesert†*
Mentor(s): Jimmy Dooley; Alexandros Nanos
- 1437 *Nolan Gronowski†*
Mentor(s): Amy Marconnet; Ritwik Kulkarni; Pranay Nagrani
- 1438 *Keira Hagent†*
Mentor(s): Sidney Ducleroir
- 1439 *Francesca Hamachert†*
Mentor(s): Jacqueline Linnes; Sayeh Dowlatshahi

- 1440 *Alexander Harman†; Roma Kamat*; Maria Armenta**
Mentor(s): Sebastien Helie; Alyssa Randez
- 1441 *Jacob Henley†; Xinmeng Zhou†; Madhura Kwart†*
Mentor(s): Anne Sereno; Daniel Larranaga; Aditya Shanghavi
- 1442 *Carl Henry†; Katie Smith†; Conwy Zheng†; Alex Martin†; Salem Hallab†; Thanh Nguyen†*
Mentor(s): AJ Gin; Daphne Fauber; Harry Ashbaugh; Adam Quinn; Kari Clase
- 1443 *Mia Herzog†*
Mentor(s): Matt Murawski
- 1444 *Katie Hong†; Sierra Hunnicutt‡; Hannah Reyes Charles‡; Zhixin Cai‡; Ryan Feller‡; Luca Iacobucci‡; Anthony Tan‡*
Mentor(s): Kristen Bellisario
- 1445 *Oliver Hu†; Liying Che**
Mentor(s): Amr Elkabbany; Jo Davisson
- 1446Ω *Josh Hyatt†; Atharv Bhatt†; Aditya Chandra†; Ethan Farkas†; Evan Cahoon†; Joseph Redle†; Kabir Malik†; Makeda Duey†; Niall Moloney†; Yashwanth Muppidi†*
Mentor(s): Charles D'Onofrio; Curtis Marshall
- 1447 *Vinay Jagan†; Colby Acton†; Gaetano Iannotta‡; YiRuei Weng‡; Shreyas Khot‡; Aditi Anand‡; Nathan Huang‡; Annapoorna Prabhu‡; Ruth Sugiarto‡; Vihaan Chinthakindi‡; Rahul Siddharth‡; Wei-Cheng Lee‡; Yuren Chen‡; Saisravani Kuchibhotla‡; Pranav Konda‡; Jiefu Zhang‡; Michael Suo‡*
Mentor(s): Qiang Qiu; Wei Zakharov; Zichen Miao
- 1448 *Aakar Jain†*
Mentor(s): Xiulin Ruan; Daniel Carne
- 1449 *Mahee Jain†*
Mentor(s): Yumary Ruiz; Madeline Moser; Carlyn Kimiecik
- 1450 *Lillian Ji†*
Mentor(s): Kejie Zhao; Nikhil Sharma
- 1451 *Ali Kalmagambetov†*
Mentor(s): Maria Miria Velay-Lizancos; Alberto Castillo; Jan Olek
- 1452 *Gunvanth Reddy Kandula†; Ilan Benschikovskii†; Kyung Min Ko†; Ishaan Rath†; Kanav Atre†; Udayan Pandey†*
Mentor(s): Edward Delp; Carla Zoltowski
- 1453 *Akshith Karri†; Phoebe Zhou‡; Cade Rigg‡*
Mentor(s): Danny Milisavljevic; Braden Garretson
- 1454 *Jillian Kelley†*
Mentor(s): Natalia Rodriguez; Rebecca Ziolkowski
- 1455 *Dhruv Khatri†; Ann Zi Lau†*
Mentor(s): Mark Johnson; Cole Nelson; Ryan Montsma
- 1456 *Seeun Kim†*
Mentor(s): John Peterson; Dali Lai
- 1457 *Seongyun Kim†; Harry Lee‡*
Mentor(s): Garam Kim; Eduardo Barocio
- 1458 *Abhishek Kini†; Ethan Walkert†; Nikita Dubrovskiy†; Craig Cheung†; Megan Collinst†; Aayush Iyengar†; Yooseung Choi‡; Clifford Gamble‡*
Mentor(s): Ran Dai
- 1459 *Arnav Kumar†*
Mentor(s): Yang Yang; Manasi Halurkar
- 1460 *Sejal Kumar†; Paolo Gumasing†; Jaehyuk Lee†; Jiaqing Li†; Leyton Bostre†; Rohan Nachnani†; Toby Onyekwere†; Rebecca Rupp‡; Aditya Sivathanu‡*
Mentor(s): Jim Ogg; Aaron Ault
- 1461 *Dhriti Laddha†*
Mentor(s): Matthew Scarpelli
- 1462 *Sarah Larsen†*
Mentor(s): Sujith Puthiyaveetil; Steven McKenzie
- 1463 *Elizabeth Lawson†*
Mentor(s): Jennifer Brown; Stephen Beegle; Luis Gomez
- 1464 *Chloe Lin†; Samitha Ranasinghe†; Rajit Khatri†; Vignesh Charapalli†*
Mentor(s): Aravind Machiry; Ritvik Stanksal
- 1465 *Jerry Liu†*
Mentor(s): Aparajita Jaiswal; Prateek Jaiswal
- 1466 *Mauro Lopez-Carrillo†; Shlok Kulkarni‡*
Mentor(s): Arezoo Ardekani; Harsa Mitra
- 1467 *Jonah Lovitz†; Alex Kmetko†; Joseph Forster†; Anshuman Samanta†; Aron Dutia†; Alexander Ciccarella†; Akash Kumar†; Pranav Krishnamoorthy†; Matthew Genatempo†; Chase Hamdan†*
Mentor(s): James Goppert

- 1468 *Kathryn Lund†*
Mentor(s): Yang Yang; Jingliang Zhang; Brody Deming
- 1469 *Kailin Ma‡; Anh Duong‡*
Mentor(s): Brandon Keehn; Yesol Kim
- 1470 *Brandon Mart‡; Morgan Gyger‡*
Mentor(s): Kari Clase
- 1471 *Nicholas Martel‡; Tom O'Donnell‡; Thomas Greer‡; Yash Mehta‡*
Mentor(s): Carla Zoltowski; Zijian He; Shivam Bhat
- 1472 *Malcolm McClymont‡; Burkay Sahin‡; Devin Singh‡*
Mentor(s): Mark Johnson; Cole Nelson
- 1473 *Kiera Meyer‡; Faith McPhee*; Autumn Bretwisch*; Grace Pearson*; Zoe Wilks*; Katelin Schwab**
Mentor(s): William Graziano; Regina Henares
- 1474 *Claire Middendorf‡*
Mentor(s): Marika Santagata; Luis-Enrique Garzon-Sabogal
- 1475 *Stephen Mills‡*
Mentor(s): Christopher Oakley
- 1476 *Areej Mirani‡; Shubham Saluja Kumar Agarwal‡; Dennis Dai‡; Leo Chen‡; Zihao Yet‡; Vidisha Singhal‡; Sejal Kumart‡; Aishwarya Anand‡*
Mentor(s): Yung-Hsiang Lu
- 1477 *Katlynn Mistina‡*
Mentor(s): Pat Kerstein
- 1478 *Karina Morar‡*
Mentor(s): Terry Meyer; Matthew Hoeper
- 1479 *Mark Naguib‡*
Mentor(s): Alvin Kao; Nicholas Baumgartner
- 1480 *Khanh Ha Nguyen‡*
Mentor(s): Riya Shi; Casey Adam
- 1481 *Emma Niecikowski‡*
Mentor(s): Claney Outzen; Michelle Erskine; Arielle Borovsky
- 1482 *David OBrien‡*
Mentor(s): Michael Johnson
- 1483 *Chaewon Oh‡; Samskrithi Sivakumart‡; Ridhi Tamirasa Kandala‡; Thomas Huss‡*
Mentor(s): Deborah Spoerner; Khue Tran
- 1484 *Rio Ohtake‡*
Mentor(s): Danzhou Yang; Yichen Han
- 1485 *Abigail Origer‡*
Mentor(s): Wenzhuo Wu; Robert Ccorahua-Santo
- 1486 *Gladys Osakwet‡*
Mentor(s): Aaron Specht; Thomas Grier
- 1487Ω *Amanda Pawlecki‡; Aryaman Dewan**
Mentor(s): Marxa Figueiredo; Raluca Ostafe; Ying Cheng Chen; Omnia Ibrahim
- 1488 *Rachel Pfeifer‡*
Mentor(s): Sudip Vhaduri
- 1489 *Alexander Piet‡*
Mentor(s): Gaurav Chobe
- 1490 *Ethan Pinarski‡*
Mentor(s): Kyoung-Soo Lee; Vandana Ramakrishnan; Nicole Firestone
- 1491 *Reeya Ramasamy‡*
Mentor(s): Kathryn Seigfried-Spellar; Tatiana Ringenberg
- 1492 *Hannah Reyes Charles‡; Sierra Hunnicutt‡; Katie Hong‡; Zhixin Cai‡; Ryan Feller‡; Luca Iacobucci‡; Anthony Tan‡*
Mentor(s): Kristen Bellisario
- 1493 *Shyeonna Robinson‡*
Mentor(s): Logan Strother
- 1494 *Kenneth Rodriguez-Lopez‡*
Mentor(s): Shalini Low-Nam; Kevin Scrudgers; Suriya Selvarajan
- 1495 *Ana Rojas‡*
Mentor(s): Pam Sari; Stewart Chang-Alexander
- 1496 *Ryan Rushing‡; Eleazar Gonzalez‡*
Mentor(s): Ken Ritchie
- 1497 *Felipe Sandoval‡; Naren Rachapalli‡; Ben Eng‡; Nicholas Helushka‡; Gokulkrishnan Harikrishnan‡; Truman Mohr‡; Nicholas Detwiler‡; Warat Vijitbenjaronk‡; Ron Bejerano‡*
Mentor(s): Thomas Roth; Samuel Elkin; Soomin Moon
- 1498ΨΔ *Neel Sarathy‡; Selina Lin*; Chris Farber**
Mentor(s): Soojung Jo
- 1499 *Sofia Schumann‡; Dia Jhaveri‡; Matthew Corson‡*
Mentor(s): Jason Cannon; Reeya Tanwar; Fatema Currim; Josephine Brown-Leung
- 1500 *Tanishaa Shah‡; Cheng-Hao (Ryan) Chen*; Samantha Sudhoff*; Cole Scheidler*; Yu-Hsu (Josh) Chang*; Sai Meda**
Mentor(s): Yung-Hsiang Lu; Kristen Yeon-Ji Yun

- 1501 *Neha Sharma†; Mir Yim†; Rohit Lala†; Andrew Lykkent†*
Mentor(s): Ryan Montsma; Cole Nelson; Mark Johnson
- 1502Ω *Kennedy Sheppard†; Noa Shoval†*
Mentor(s): Michelle Garrison; Saira Shah
- 1503 *Chi Hun Shint†*
Mentor(s): Keith Cherkauer; Dongseok Yang
- 1504 *Anushka Shome†*
Mentor(s): Edward Bartlett
- 1505 *Serena Shughoury†*
Mentor(s): Aaron Bowman; Anke Tukker
- 1506 *Shiv Shukla†*
Mentor(s): Lia Stanciu; Teresa Carvajal; Abbey Koneru; Karen Gutierrez Parra; Amit Barui
- 1507 *Erik Sillaste†*
Mentor(s): Shihuan Kuang; Jingjuan Chen
- 1508 *Vidisha Singhal†*
Mentor(s): Mark Johnson; Cole Nelson; Ananya Srivastava
- 1509 *Harrison Smith†*
Mentor(s): Junfei Li
- 1510 *Parker Smith†*
Mentor(s): Venkat Athmanathan; Terry Meyer; Chintan Rank
- 1511 *Colby Smock†; Gabriela Nivar‡; Rachael Herring‡*
Mentor(s): Aaron Thompson
- 1512 *William Stevens†; Vishal Urst†; Karthik Selvaraj†; Gabriel Torres†; Gaurish Lakhanpal†*
Mentor(s): Edward Delp; Carla Zoltowski
- 1513 *Madeline Stevenson†; Faith Chapman†; Krttika Goel†*
Mentor(s): Arezoo Ardekani; Harsa Mitra
- 1514Ω *Gianna Stinsa†; Kate Stanton†; Joyce Yut†; Alyssa Hudgins†; Jingyi Ji†; Morgan Laskowski†*
Mentor(s): Harry Ashbaugh; Kari Clase; Daphne Fauber; Adam Quinn; AJ Gin
- 1515Ω *Drake Strait†*
Mentor(s): Teresa Carvajal; Karen Gutierrez Parra
- 1516 *Erik Sveent†*
Mentor(s): Julia Laskin; Miranda Weigand
- 1517 *Anthony Tan†; Sierra Hunnicutt‡; Hannah Reyes Charles‡; Katie Hong‡; Zhixin Cai‡; Ryan Feller‡; Luca Iacobucci‡*
Mentor(s): Kristen Bellisario
- 1518 *Emma Teng†; Rongbo Hu†; Nicholas Martel†; Connie Kang†; Mary Earp‡; Kalea Gin‡*
Mentor(s): Abolfazl Hashemi; Shivam Bhat
- 1519 *Arav Tewari†*
Mentor(s): James Davis
- 1520 *Andy Trinh†*
Mentor(s): Sidney Ducleroir
- 1521 *Steven Turnbull†; Lisa Li†; Cheyenne Huang†; Ananya Prasad†; Tatiana Varela†; Pranav Singh†*
Mentor(s): Tyler Tallman; Saranya Ravva; Estheru Talasila; Kelsey De La Trinidad; Andrew Nguyen
- 1522 *Vanessa Grace Uyt†; Sharma Kashish**
Mentor(s): Akanshu Sharma; Dheeraj Waghmare
- 1523Ω *Daniela Valencia†*
Mentor(s): Yumary Ruiz; Xue Jiang; Zoe Taylor
- 1524 *Emory Walker†; Mara Welty†; Emma Creviston†*
Mentor(s): Jacob Adler
- 1525Δ *Julia Weeden†; Priyadevi McNamara†*
Mentor(s): Eric Waltenburg
- 1526 *Tristen West†; Zion Hackett*; Lucas Urquiaga*; Umberto Creighton Caseres*; Dane Phillips*; Ryan Lee**
Mentor(s): Harry Ashbaugh; Daphne Fauber; AJ Gin; Adam Quinn; Kari Clase
- 1527 *Mark Wise†; Akshay Padmanabhuni‡; Lance Berendes‡*
Mentor(s): Jason Ostanek; Bill Hutzel
- 1528 *Cayden Woolery†*
Mentor(s): Marissa Tremblay; Nick Meszaros
- 1529Δ *Madeleine Yang†; Enice Zhu†; Maggie Collins†*
Mentor(s): Swati Srivastava; Alexander Wilhelm
- 1530 *Fa Yan†; Arjun Gupte†; Bryan Lee†*
Mentor(s): James Davis
- 1531 *Kevin Yu†*
Mentor(s): Peter Bermel; Jie Zhu; Ruihan Chen
- 1532 *Irina Zhilinskaya†; Evan Hanson‡*
Mentor(s): Herman Sintim; Chris Vennard

FOURTH POSTER SESSION | 1:30PM-2:30PM

- 1600 *Akila Abeyaratna†; Rineet Ranga‡*
Mentor(s): Yang Yang; Brody Deming
- 1601 *Cornelius Adeola†*
Mentor(s): Michael Johnson
- 1602 *Teja Akella†; Divya Manvikar‡; Laasya Thiagarajan†; Ishank Shekhar†*
Mentor(s): Carla Zoltowski; Edward Delp
- 1603Ω *Morgan Albertson†*
Mentor(s): Uma Aryal
- 1604 *Aditya Arjun Anibhat†*
Mentor(s): Ken Oguri
- 1605 *Rebeca Appelmann†*
Mentor(s): Rebecca Appelmann
- 1606Δ *Gurtej Bagga†; Shrinand Perumal†; Anthony Wang†; Brian Qi†; Josh Kamphuis**
Mentor(s): Kristen Yeon-Ji Yun; Yung-Hsiang Lu; Benjamin Shiue-Hal Chou
- 1607 *Samyukta Balaji†; Ava Fasanot†; Aditya Sivathanu‡*
Mentor(s): Jim Ogg; Aaron Ault
- 1608 *Joe Basti†; Mario Arenast†; Grant Cappst†; Max Kerkhove†; Rushil Khandelwal†; Eric Wang**
Mentor(s): Shreya Ghosh
- 1609 *Emma Benefiel†; Jeanelle Castro†*
Mentor(s): Philip Low; Reuben Dass
- 1610 *Daniel Berggren†*
Mentor(s): Terry Meyer; Robert (Bebe) Wang
- 1611 *Spencer Bowles†; Vidisha Singhal†*
Mentor(s): Peter Bermel; Jie Zhu
- 1612 Withdrawn.
- 1613 *Adrian Calderon†*
Mentor(s): Gaurav Nanda
- 1614 *Samantha Campbell†*
Mentor(s): Jacqueline Linnes; Emilee Madsen
- 1615 *Carmela Campbell†*
Mentor(s): Yumary Ruiz; Madeline Moser
- 1616Ψ *Dylan Caudill†; Thomas Slamecka‡*
Mentor(s): Jeffrey Gerber
- 1617 *Jacob Chappell†; Harnoor Cheema†*
Mentor(s): Mark Johnson
- 1618 *Coco Chen†; Rae Fu†; Jackson Novak†*
Mentor(s): Petronio Bendito
- 1619 *Sooraj Chetput†; Johnathan Hong†; Alex Chitsazzadeh†; FangLing (Victor) Zhang†; Khoi Pham†; Zengxiang (Tim) Han†; Justin Cambridge†; Htet Yan†; Spencer Bowles‡*
Mentor(s): Tim Rogers; Mark Johnson; Gagan Gundala; Anusuya Nallathambi
- 1620 *Ethan Chiao†; Luke Zhang†*
Mentor(s): Lucas Cohen
- 1621 *Geetika Chitturi†; Trang Do†*
Mentor(s): Alexandra Boltasseva; Vladimir Shalae; Yuheng Chen; Blake Wilson; Alexander Senichev
- 1622 *Indrayudh Chowdhury†*
Mentor(s): Mark Johnson; Jude Pinto
- 1623 *Min Yong Chun†*
Mentor(s): Garam Kim; Sung Jun Choi
- 1624 *Sydney Clifford†*
Mentor(s): Brittany Allen-Petersen; Claire Pfeffer; Jukka Westermarck; Jennifer Morton
- 1625 *Kendall Conaway†*
Mentor(s): Susan South; Samantha Dashineau
- 1626 *Ronald Cutler†*
Mentor(s): Julia Laskin; Hugo Samayoa-Oviedo
- 1627 *Gino Daniels†; Sean Wall†; Cole Murphy†; Ishan Goel†; Bornik Nag†; Ayusha Patra†; Fabiana Correa†*
Mentor(s): Andreas Jung; Robin Carpenter
- 1628 *Noelle Dennist†*
Mentor(s): Aaron Thompson; Deb Arseneau
- 1629 *Atin Dewan†*
Mentor(s): Aparajita Jaiswal; Sakhi Aggrawal
- 1630 *Nancy Dooley†; Grace Vavrat†; Quinn Loughran†; Abigail Finney*; Noelia Alvarez*; Maggie Collins**
Mentor(s): Clarence Maybee; Rachel Fundator; Secret Permenter
- 1631 *Avik Dutta†*
Mentor(s): Nikhilesh Chawla; Eshan Ganju
- 1632 *Ayden Fahey†*
Mentor(s): Michael Johnson
- 1633Ω *Kiki Finlayson†; Emma Gordon‡; Alana Powell‡*
Mentor(s): Kathryn LaRoche; Scotty Secrist

- 1634 *Athanasios Flessas†; Carson Rockwell†; Bailey Williams†; Hayley Wong-Liong†*
Mentor(s): Bruce Applegate; Kal Holder; Keyshla Narváez-Dávila; Trevor Lim
- 1635 *Viviana Galindo†*
Mentor(s): Marxa Figueiredo; Grace Mulia
- 1636 *Alaina Gartner†; Keila Jellings‡*
Mentor(s): Leonor Boavida
- 1637 *Antonio Gil†*
Mentor(s): Sidney Ducleroir
- 1638 *Evelyn Girardi†*
Mentor(s): Robin Tanamachi
- 1639 *Greenley Goedde†*
Mentor(s): Pete Pascuzzi; Jason B. Reed
- 1640Ω *Ata Ulas Guler†; Alicia Zhou†; Zilu (Johnny) Jin†; Jadden Picardal*; Saandiya KPS Mohan*; Leo Chen*; Adarsh Veerapaneni*; Amy Tong*; Jin Hyun Kim**
Mentor(s): Dave Barbarash
- 1641 *Arjun Gupte†*
Mentor(s): Byung-Cheol Min; Ruiqi Wang; Vishnunandan Venkatesh
- 1642 *Carlos Guzman Garcia†*
Mentor(s): A.J. Schwichtenberg; Amy Janis
- 1643 *Emerson Hainest†; Evy Tobolski‡*
Mentor(s): Theresa Casey; Linda Beckett; Wonders Ogundare; Aridany Suarez-Trujillo
- 1644 *Timothy Heint†*
Mentor(s): Mark Johnson; Conor Green; Swapnil Bansal
- 1645 *Opal Heltzel†*
Mentor(s): Rakesh Agrawal; Shubhanshu Agarwal; Kiruba Catherine Vincent
- 1646 *Rachael Herring†*
Mentor(s): Aaron Thompson; Patrick Lydon
- 1647 *Jasper Hochbaum†; John Min†; Ella Goodrich†; Alex Hartman†; Mohammed Khan†; Grace Gellatly†*
Mentor(s): Shreya Ghosh
- 1648 *Daniel Hristov†*
Mentor(s): Julia Laskin; Hugo Samayoa-Oviedo
- 1649 *Elaine Huang†*
Mentor(s): Youli Mantzicopoulos
- 1650 *Vivian Hurn†*
Mentor(s): Wei Zheng
- 1651 *Paige Ittig†*
Mentor(s): Yumary Ruiz; Madeline Moser
- 1652 *Jaylen Jackson†*
Mentor(s): Aaron Thompson
- 1653 *Jacob Jenkins†; Emma Jones‡*
Mentor(s): Jasmine Begeske; Jennifer Smith
- 1654 *Joshua Kaluff†*
Mentor(s): Joe Ogas; Jiaxin Long
- 1655 *Chaeun Kim†; Nikhita Anantha Madhavan†; Joseph Huang†; Shivam Rastogi†; Emily Loisset†*
Mentor(s): Edward Delp; Carla Zoltowski
- 1656 *Sam King†; Gabby Conjelko‡*
Mentor(s): Emily Dykhuizen; Sandra Ordonez; Sijie Wang
- 1657 *Katie-Jane Klembarsky†*
Mentor(s): Mo Rastgaar; Gabriel Andres Torres Rivera; Ahmed Soliman
- 1658 *Haleigh Kolosso†*
Mentor(s): Michael Johnson
- 1659 *Hayden Krisko†*
Mentor(s): Alex Chortos
- 1660 *Shlok Kulkarni†; Gabi Layman‡; Elsa Davis*; Hala Haddad*; Braden Stock*; Amanda Martin*; Mithran Periassamy**
Mentor(s): Jeffrey Haddad
- 1661 *Yahor Lechanka†; Matt Wheelert†; Mason Whittington†; Rohan Iyer†; Angus Wait†; Aubrey Gatewood†*
Mentor(s): Jesus Meza; Steven Pugia; Anthony Cofer; Alina Alexeenko
- 1662Ω *Elena Lehnert†; Julie Kim†; Dalton Aaker‡; Twinkal Barai‡; Khushi Choksi‡; Shreya Krishnan‡; Simran Nadig‡; Akarsh Ojha‡; Abigail Origer‡; Jean Paul Pertuit‡; Sage Turner‡; Ethan Weiss‡; Sugru Yahaya‡*
Mentor(s): Aaron Lottes; Neal Patel
- 1663Ω *Rebecca Lewis†*
Mentor(s): Chad Carroll; Harrison Cottingham; Camila Reyes; Nathan Campbell
- 1664 *Van Tha Bik Lian†*
Mentor(s): Akanshu Sharma; Deepak Suthar
- 1665 *Manasvi Lingampally†; Ashley Cumbee†; Grace Troyer†; Kayla Grennes‡; Amanda Pawlecki‡; Faith Chapman‡*
Mentor(s): AJ Gin; Harry Ashbaugh; Daphne Fauber; Adam Quinn
- 1666 *Andrew Liu†; Ansh Gangapurkar*; Ben Miller*; Eric Kang*; Rahul Menon*; Sangjin Lee**
Mentor(s): Tillmann Kubis; Logan Melican; Daniel Lemus

- 1667 *Jingqing Liu†*
Mentor(s): Antonio Bobet; Juan Jimenez
- 1668 *Hecun Liu†*
Mentor(s): Thomas Redick; Robert Proctor
- 1669 *Lionel Loo†*
Mentor(s): Linlin Li
- 1670 *Riley Mann†*
Mentor(s): Dongming Gan; Muhammad Hammad Alvi
- 1671 *Gianna Martire†; Kris Sass†*
Mentor(s): Laura Elenbaas; Megan Norris; Jane Singman
- 1672 *Luke Matheny†*
Mentor(s): Tianyi Li
- 1673 *Allison Matovic†; Sanjana Muniraj**
Mentor(s): Deva Chan; Mikayla Roach; Shrea Roy; Clarisse Zigan
- 1674 *Liam McCormack†; Eveyln McCarthy†*
Mentor(s): Brittany Newell; David Moreno; Diana Narvaez
- 1675 *Shaiv Mehra†; Tyler Merrill†*
Mentor(s): Bradley Duerstock; Mitchell Sanchez
- 1676 *Ronit Mehta†*
Mentor(s): Mahesh Sunkula
- 1677 *Maxwell Michalec†; Fahad Aloufi†; Om Gupta†*
Mentor(s): Mark Johnson; Cole Nelson
- 1678Ω *Chawin Mingsuwant†*
Mentor(s): Adrian Tepole
- 1679 *Uday Mittal†; Juliana Asencion†; Luke Johnson†; Matthew Schaller†*
Mentor(s): Aaron Lottes; Neal Patel
- 1680 *Wyatt Montgomery†*
Mentor(s): Andreas Jung; Yao Yao; Ethan Colbert
- 1681 *Kamanda Mosongo†*
Mentor(s): Chien-Tsung Lu; Haoruo Fu
- 1682Ω *Asmi Mukherjee†*
Mentor(s): Douglas Brubaker
- 1683Ω *Keisuke Nakamura†*
Mentor(s): Noori Kim
- 1684 *Andy Navarro†; Emily Bell†*
Mentor(s): Edward Bartlett; Meredith Ziliak
- 1685 *Henrietta Ndubuokwu†*
Mentor(s): Qing Deng; Chang Ding; Scotty Secrist
- 1686 *Long Nguyen†*
Mentor(s): Sutton Hathorn
- 1687 *Alec Pannunzio†*
Mentor(s): Samuel Labi; Shreyas Sundaram
- 1688 *Elainna Papandrea†; Subbi Sathya†; Ethan Lin†; Elena Warble†; Duc Le†; Devin Reynolds†; Vicky Zheng†; Linda Zou†; Aneesh Poddutur†; Yen Lai**
Mentor(s): Laura Moffat
- 1689Ω *Stefano Parducci†*
Mentor(s): Aaron Specht; Kolawole Adesina
- 1690 *Saloni Parkar†; Isabella Duzman*; Zhixin Cai**
Mentor(s): Christine Elliott; Kristen Bellisario
- 1691 *Marcos Daniel Pastrana†*
Mentor(s): Hinayah Rojas de Oliveira; Henrique Mulim
- 1692 *Rohan Patel†; Cara Suht†; Xiaoyu Liu†; Yicheng Wu†; Amelia Binau**
Mentor(s): Andreas Jung
- 1693 *Nicholas Pecoraro†; Shane Limas†*
Mentor(s): Jae Hong Park; Chang Geun Lee
- 1694 *Ashley Phoenix†; Austin Lu**
Mentor(s): Nicholas Noinaj
- 1695 *Michael Pipert†*
Mentor(s): Mark Johnson
- 1696Ω *Tyler Ramsey†*
Mentor(s): Justin Hess; Andrew Brightman; Nicholas Fila; Alison Kerr
- 1697 *Sarah Ramsey†*
Mentor(s): Annabelle Atkin
- 1698 *Jordan Reynolds†*
Mentor(s): Esteban Fernandez-Juricic; Carlay Latour Teed
- 1699Ω *Paula Rivera Carrasquillo†; Audrey Harrison*; Emily Bell*; Andy Navarro*; Morgan DesEnfants*; Sahil Desai*; Anushka Shome*; Valentina Micolisin**
Mentor(s): Edward Bartlett; Meredith Ziliak
- 1700Ω *Alexia Rodriguez†; Joseph Cromp†; Thanmaya Pattanashetty†*
Mentor(s): Alexandria Volkening
- 1701 *Valeria Rodríguez†; Camryn Clapper**
Mentor(s): Matthew Scarpelli; Jessica Veenstra
- 1702Δ *Zachary Ryan†; William Shumway**
Mentor(s): Erik Otarola-Castillo
- 1703 *Aishani Sakalabhaktula†*
Mentor(s): Lisa Bosman

1704	<i>Rahul Saproot†; Rohan Aryant</i> Mentor(s): Seema Mattoo	1719	<i>Lauren Urban†</i> Mentor(s): Anita Panjwani; Bridgette Kelleher; Regan Bailey; Steve Lindemann
1705	<i>Nandhitaa Satya†; Perion Sharp†</i> Mentor(s): Stephanie Gardner; Anupriya Karippadath	1720	<i>Alex Valdest†</i> Mentor(s): Brittany Newell
1706	<i>Jenna Schoonmaker†</i> Mentor(s): Maria Sepúlveda; Priyanka Baloni; Tyler Hoskins; Nathan Mak	1721	<i>Theoni Vlachost†; Sophia Vlachost†</i> Mentor(s): Peristera Paschou; Apostolia Topaloudi
1707	<i>Faith Scott†</i> Mentor(s): Uma Aryal; Rodrigo Mohallem; Allison Schaser	1722	<i>Lauren Voss†; Quinn Clemenz*; Olivia Richter*; Samantha Maari*</i> Mentor(s): Elliot Friedman
1708	<i>Sharma Kashish†; Vanessa Grace Uy*</i> Mentor(s): Akanshu Sharma; Dheeraj Waghmare	1723	<i>Samantha Wadas†; Caden Cowlest†; Sinhong Park†</i> Mentor(s): Garam Kim; Jacob Montrose; Noori Kim
1709	<i>Anvit Sinha†; Shruti Goyal†; Zachary Will Sy†</i> Mentor(s): Andres Bejarano; Ethan Dickey	1724	<i>Nicole Wang†; Asav Gandhi†; Stephen Fetterman†</i> Mentor(s): Mark Johnson; Sutton Hathorn
1710ΨΩ	<i>Hyerin Sohn†</i> Mentor(s): Michael Johnson	1725	<i>Dulani Wijayarathne†; Siddharth Prabakar*; Shah Mahir*</i> Mentor(s): James Davis
1711	<i>Braeden Strahm†</i> Mentor(s): Tatiana Ringenberg	1726Ψ	<i>Nah'Shon Williamst†</i> Mentor(s): Ashima Krishna
1712	<i>Daanish Suhail†; Kshitij Shah†; Jack Willard†; Troy Madden†; Pryce Tharpe†</i> Mentor(s): Chih-Chun Wang; David Love; James Krogmeier; Manish Kumar Krishne Gowda	1727	<i>Austin Willis†</i> Mentor(s): Gouri Prabhakar
1713	<i>Trisha Suresh†; Paul Michael Vasquez*; Joshua Fan*</i> Mentor(s): Greg Michalski	1728	<i>Clayton Wimmersberger†</i> Mentor(s): Michael Johnson
1714	<i>Maheen Syed†</i> Mentor(s): Denny Yu; Marian Obuseh	1729	<i>Sucheol Woot†; Min Yong Chun‡; Seongyun Kim‡</i> Mentor(s): Garam Kim; Ronald Sterkenburg; Yuwei He; Kangseok Lee
1715	<i>Ethan Szajko†</i> Mentor(s): Daniel Szymanski	1730	<i>Lexing Xu†; Anish Tilak‡; Alexandre Chevalier*; Nicholas Erikson*</i> Mentor(s): Andreas Jung; Sushrut Karmarkar
1716	<i>Pranav Tallapaka†</i> Mentor(s): Shauna Adams	1731Ω	<i>Yahan You†</i> Mentor(s): Erin Percevault; Yiwei Huang; Aaron Thompson
1717	<i>Sarthak Tandon†; Advay Welling†</i> Mentor(s): Blake Wilson; Vahagn Mkhitarian		
1718	<i>Shou-Fu Tseng†; Brandon Farbert†</i> Mentor(s): Tho Le		

OURConnect

PURDUE'S UNDERGRADUATE RESEARCH PORTAL

RECRUIT/APPLY › REPORT › MANAGE CONFERENCES

RESEARCH TALKS

Research talk presentations are delivered in Stewart Center, Room 214 on April 11, 2024.

RESEARCH TALK SESSION 1 | 9:00-10:00

ROOM: STEW 214A

- 9:20 Impact of Structured Revision Intervention During the Peer Review Process on Scientific Writing
7000 Self-Efficacy in Undergraduate Biology Students
Allison Peterson†; Gwyneth Wong; Emelia Koester**
Mentor(s): Stephanie Gardner; Jill Cornell
- 9:40 Teaching Applied Ethics in the context of Artificial Intelligence to Facilitate Peer Discourse
7001 *Parth Joshi†*
Mentor(s): Alejandra Magana; Lucas Wiese

ROOM: STEW 214B

- 9:00 Various Repetitive Behavior Types Lead to Changes in Facial Affect
7002 *Riley Rozniarek†; Anna Hodge*; Mallory Schrof**
Mentor(s): Brandon Keehn
- 9:20 Evaluating the Perception of Vocal Fry
7003 *Emily Clark†*
Mentor(s): Alexander Francis
- 9:40 Navigating Health Information: Factors Influencing Decision Making in Emerging Adults
7004 *Nicole Stepp†; Samantha Ky†; Evan Coblenz*; Caroline Packee**
Mentor(s): Monica Kasting; Andrea DeMaria; Trexie Rudd

ROOM: STEW 214C

- 9:00 Livestock Predation Patterns by Lions, Leopards, and Spotted Hyenas in the Ngorongoro
7005 Conservation Area, Tanzania
 Ω *Shayden Jones†; Max Zeltsar†*
Mentor(s): Ingela Jansson; Bernard Kissui; Emmanuel Charles
- 9:20 Orange Corn-based diet improves total antioxidant capacity in layer pullets compared to traditional
7006 yellow corn diets.
 Ω *Serena Wesley†*
Mentor(s): Greg Fraley; Sara Cloft; Darrin Karcher; Torbert Rocheford; Evan Rocheford
- 9:40 Exploring Black Heritage in Greater Lafayette through Cultural Places, Spaces, and Landscapes
7007 *Johnny Dong†*
 $\Psi\Omega$ Mentor(s): Ashima Krishna

RESEARCH TALK SESSION 2 | 10:00-11:00

ROOM: STEW 214A

- 10:00 Exploring Gut Microbiome Interventions in Age-Related Osteoarthritis Progression: Insights from
7008 Mouse Model Studies
Noah Jasinkiewicz†; Sarah Staller‡
Mentor(s): Deva Chan; Cameron Villarreal; Zachary Davis
- 10:20 Factors Affecting the Microbiome of Hydroponics Systems
7009 *Aanya Doshi†*
Mentor(s): Caitlin Proctor; Emily Spicuzza
- 10:40 Real-Time Volatile Chemical Screening of Environmental Media to Support Disaster Response
7010 *Grayson Wittbrodt†*
Mentor(s): Brandon Boor; Nusrat Jung; Jianglin Jiang; Xiaosu Ding

ROOM: STEW 214B

- 10:00 Dosimetry Testing for a New In-Vivo X-Ray Fluorescence Measurement System
7011 *Daniel Read†*
Mentor(s): Aaron Specht; Chandler Burgos
- 10:20 Spatial Modifications In Pulmonary Lipids Following Nanoparticle Exposure
7012 *Nicolas Medel†*
Mentor(s): Jonathan Shannahan; Christina Ferreira
- 10:40 Role Differentiated Bimanual Manipulation in Home Environment For Infants Two Years Old and
7013 Younger
Stephanie Koopman†; Riya Karpe†
Mentor(s): Laura Claxton; Paige Thompson

ROOM: STEW 214C

- 10:00 Intersectional Inequalities in Hiring: The Effects of Gender and a Criminal Record
7014 *John Targett†*
Mentor(s): Trent Mize
- 10:20 Racial inequality on Mturk: Racial Differences in Gig Worker's Satisfaction with Schedules
7015 *Julieta Aguilar†*
Mentor(s): Jeremy Reynolds; Reilly Kincaid
- 10:40 Artificial Infrastructures: Framing Young Professional Experience
7016 *Teah Good†; Jefferey Chen†; Ean Hunt†; Eva Voelkert†; Carissa Bauerband†*
Mentor(s): Michael Salvo

ROOM: STEW 214D

- 10:00 The Role of Conductive Cooling and Moringa oleifera Supplementation of Heat Stressed Sows on
7017 the Cheek Lipidome of Neonatal Piglets
Evy Tobolski†
Mentor(s): Theresa Casey; Leriana Garcia Reis; Linda Beckett; Allan Schinckel; Christina Ferreira
- 10:20 Rapid Inference and Theoretically Driven Forecasting of Supernovae using Amortized Posterior
7018 Inference
Braden Garretson†
Mentor(s): Danny Milisavljevic
- 10:40 Tool for Runtime Analysis and Complexity Evaluator (TRACE)
7019 *Shubhaang Agarwal†; Benson Tsai*; Tzung-Ying Hsieh*; Aanya Jha*; Jiarui Xie*; Nilisha Bhandari**
Mentor(s): Andres Bejarano

RESEARCH TALK SESSION 3 | 11:00-12:00

ROOM: STEW 214A

11:00 Investigating the Implication of Delta-Like 1 Intracellular Domain Over-expression on Muscle Stem
7020 Cell Differentiation

Kashyap Akkinapally†

Mentor(s): Shihuan Kuang; Sara Scinto

11:20 Withdrawn

7021

11:40 Differences in Gut Microbial Patterns between Individuals with Angelman Syndrome and their First-
7022 Degree Relatives.

Carina Crisan†

Mentor(s): Steve Lindemann; Anita Panjwani; Bridgette Kelleher; Regan Bailey

ROOM: STEW 214B

11:00 Racial and Ethnic Disparities in Service Referral and Use Among High-Risk Children Diagnosed
7023 with Autism Spectrum Disorder

Aaliyah Saunders†; Sarah Langdon‡

Mentor(s): Brandon Keehn; Rebecca McNally Keehn; Angela Paxton

11:20 Evaluation of the Collection Efficiency of the Size-Selective Inlet Used for the Lab-Made Bioaerosol
7024 Sampler

Anthony Bovenschen†

Mentor(s): Jae Hong Park; Subin Han

11:40 School Environmental Factors and Substance Use Disparities in Indiana Adolescent

7025 *Tanya Pinthapataya†*

Mentor(s): Shandey Malcolm; Rita Chukwu

ROOM: STEW 214C

11:00 The Well-being of Habitat for Humanity's Partner Families

7026 *Casey Kaufman†*

Mentor(s): Jason Ware

11:20 Engineering Faculty Perceptions of Participating in a SoTL Professional Development Intervention

7027 *Rhea Dutta†*

Mentor(s): Lisa Bosman

11:40 Exploring Innovative Methods for Teaching Semiconductors to young children

7028 *Salam Zaid Alkilani†; Sebastian Arthur‡*

Mentor(s): Rosa Diaz

RESEARCH TALK SESSION 4 | 12:00-1:00

ROOM: STEW 214A

12:00 Autonomous in-air charging for UAVs

7029 *Craig Cheung†; Abhishek Kini†; Aayush Iyengar†; Nikita Dubrovskyi†*

Mentor(s): Ran Dai; Yooseung Choi

12:20 In-air Charging of Unmanned Aerial Vehicles

7030 *Aayush Iyengar†; Craig Cheung†; Yooseung Choi†; Abhishek Kini†; Nikita Dubrovskyi†; Megan Collins†; Ethan Walker†; Clifford Gamble†*

Mentor(s): Ran Dai

12:40 Convolutional Neural Networks for Enhanced Subvisible Particle Analysis

7031 *Anika Mathur†; Sohum Thadani†*

Mentor(s): Brett Meyers; Pavlos Vlachos

ROOM: STEW 214B

12:00 Overview of the Child Automated Speech to Text (CAST) Project

7032 *Akshitha Kartigeyan†; Aadya Pawar†; Bruna Jasinowodolinski†*

Ω Mentor(s): David Purpura; Avery Closser

12:20 Implementing Campus-Wide Vaccine Clinics Through Interdisciplinary and Community Partnerships

7033 *Samantha Ky†; Nicole Stepp†; Evan Coblentz†; Sathveka Sembian†; Caroline Packee**

Ω Mentor(s): Monica Kasting; Andrea DeMaria; Trexie Rudd; Kaitlyn Koch

12:40 Upcycling Biomass to Sustainable Aviation Fuel via Far-Equilibrium Electrification

7034 *Simone Moulton†*

Ω Mentor(s): Tony Dong; Tian Li; Abhirup Sen

ROOM: STEW 214C

12:00 Digitalized Manufacturing of Fiber-reinforced Composite Patching for Steel Bridge Girder Repair

7035 *Clayton Cobb†; Jeremy Rashkin†; Chloe Graham†*

Mentor(s): Garam Kim; Sung Jun Choi; Timothy Ropp; Kyubyeung Kang

12:20 Investigation on the Impact of Target Surfaces in Relation to Rotorcraft Fuel Tank Drop Test Certification Processes.

7036 *Matthew Elliott†; Ryan Seller†; Simon Lin†*

Mentor(s): Garam Kim; Jacob Montrose; Waterloo Tsutsui

12:40 Acoustic-based sensing for detection of potato tuber

7037 *Stephane Duval†; Parikshit Sah†*

Mentor(s): Suranjan Panigrahi

ROOM: STEW 214D

12:00 The Making of the BGA: Black Games Archive

7038 *Joanna Senff†*

Δ Mentor(s): Samantha Blackmon

12:20 The Effectiveness of Protest Strategies: An ACT UP Analysis

7039 *Kris Sass†*

Ψ Mentor(s): Kathryn Brownell

12:40 Accurate Iron Quantification in Cells

7040 *Sidney Schwartz†*

Mentor(s): Matthew Scarpelli

RESEARCH TALK SESSION 5 | 1:00-2:00

ROOM: STEW 214A

- 1:00 Placing Electric Vehicle Charging Stations: An Optimization Problem and Unsupervised Machine Learning Solution
7041 *Bharath Anand†*
Mentor(s): Ananth Grama
- 1:20 Spatial and Temporal Diffusion of Secondary Injury Markers following Localized Brain Injury In Vitro
7042 *David Kim‡*
Mentor(s): Riya Shi; Timothy Beauclair
- 1:40 Material Stiffness Sensing using DEAs
7043 *Pranav Parig†*
Mentor(s): Alex Chortos

ROOM: STEW 214B

- 1:00 Disrupting the Binary in Laboratory Paradigms: Validation of a New Measure of Emotional Variation in Cognitive Control
7044 *Mads Owen†*
Mentor(s): Sarah Karalunas; McKenzie Figuracion
- 1:20 The effects of COVID-19 vaccine on hormone levels in adolescence and disparity between sexes
7045 *Prudence Regacho†*
Mentor(s): Kristine Marceau
- 1:40 Latent Learning Trends Using AI and VR
7046 *Leland Huey†*
Δ Mentor(s): Jerod White; Tara Behrend

ROOM: STEW 214C

- 1:00 Noncanonical regulation of genes by KMT5C-H4K20me3 in EGFR inhibitor resistance in non-small cell lung cancer
7047 *Alexandra Glaws†*
Mentor(s): Andrea Kasinski; Jihye Son
- 1:20 Diagnostic gas-phase ion-molecule reactions for the identification of hydroxy-substituted N-nitrosamines in tandem mass spectrometry
7048 *Daria Tsoneva†*
Mentor(s): Hilikka Kenttamaa; Annika Little
- 1:40 Withdrawn
7049

ROOM: STEW 214D

- 1:00 Exploring the Quantitative Impact Medical Marijuana Dispensaries Have on Residential Sale Prices in Oklahoma
7050 *Joshua Clark†*
Mentor(s): Michael Delgado
- 1:20 What factors influence the willingness to pay and consumption frequency of different meats in Chinese consumers?
7051 *Jemima Baributsa†*
Mentor(s): Holly Wang; Yizhou Hua
- 1:40 Estimation of Genetic Parameters for Twinning Rate in Holstein Cattle
7052 *Hsin-Yu (Sinyu) Hou†*
Mentor(s): Hinayah Rojas de Oliveira; Henrique Mulim; Jacquelyn Boerman; Luiz Brito

RESEARCH TALK SESSION 6 | 2:00-3:00

ROOM: STEW 214A

2:00 Mechanosynthesis of Urea-Gypsum Cocrystals

7053 *Tovia Owens†*

Ω Mentor(s): Kingsly Ambrose; Vidya Nagaraju

2:20 Decoding fNIRS Neural Responses: A Machine Learning Approach

7054 *Dalton Aaker†*

Ω Mentor(s): Maureen Shader

2:40 Predicting EV Charging Station Demand: A Novel Approach Utilizing Traffic Flows

7055 *Hsin-Wei (Ryan) Hsieh†; Hyunsang (Ethan) Cho†; Jaewon Cho†; Zachary Witeck†; Byung Wook Kim†; Hyunjun Park†; Spencer Gries†; Kosal Wijesooriya†; Thilak Babu**

Mentor(s): Sivaranjani Seetharaman

ROOM: STEW 214B

2:00 Development and evaluation of a ferritin-Izumo1 protein vaccine for immunocontraception of wildlife.

7056 *Gangmin Kim†; Delilah Flora†*

Mentor(s): Harm HogenEsch; Ahmed AbdelKhalek; Raluca Ostafe

2:20 Examining Neuron Density in human-derived Cortical Organoids Carrying Epilepsy-Related SCN2A

7057 *Mutation L1342P*

Hope Harlow†

Mentor(s): Yang Yang; Maria Olivero-Acosta

ROOM: STEW 214C

2:00 Benchmarking Quantum Error Correction Codes Against Realistic Error Models for Superconducting

7058 *Qubits*

*Santiago Lopez†; Jonathan Andrade Plascencia**

Mentor(s): Alex Ruichao Ma; Gabriel Perdue

2:20 Cold Spot Crater Characterization on the Moon Using an Unsupervised Neural Network

7059 *Sara Cuevas-Quiñones†*

Mentor(s): Ali Bramson; Lior Rubanenko

2:40 How skin color modulates behavioral fever in Northern leopard frogs

7060 *Ethan Guardado†*

Mentor(s): Cat Searle; Jonathan Lopez

ROOM: STEW 214D

2:00 Impact of Freedom School At Purdue For Students K-5

7061 *Teagan Drumm†; Lauren Spedale**

Mentor(s): Breanya Hogue; Youli Mantzicopoulos

2:20 A Metanalysis over Autism Spectrum Disorder and Math Word Problem Intervention

7062 *Nicholas Cline†*

Mentor(s): Yan Ping Xin

RESEARCH TALK SESSION 7 | 3:00-4:00

ROOM: STEW 214A

3:00 High-throughput platform for macromolecular transport screening

7063 *Crystal Jiang*†

Mentor(s): Julie Liu; Paulina Babiak

3:20 An in vivo assessment of cardiac remodeling during chronic hypertension in pregnancy

7064 *Sarah Grev*†

Mentor(s): Craig Goergen; Elnaz Ghajar-Rahimi; Adalyn Meeks; Kyoko Yoshida; Molly Kaissar

3:40 Enhancing Solid Propellant Burning Rate Predictions through Machine Learning Modeling

7065 *Camille Jorenby*†

Mentor(s): Steven Son; Shane Oatman

ROOM: STEW 214B

3:00 The International Congress of Women and Transnational Advocacy Networks

7066 *Annelise May*†

Ψ Mentor(s): Melissa Will

3:20 Constructing Carol: Racial Science, Eugenics, Biological Essentialism, and Carcerality

7067 *August Trepanier*†

Ψ Mentor(s): Yvonne Pitts

3:40 Examining how Mitochondrial Content Differences in Twin Plant Sperm Cells Impact Double Fertilization

7068 *Keila Jellings*†

Mentor(s): Leonor C. Boavida

ROOM: STEW 214C

3:00 Scaling limit of asymptotically-free self-interacting random walks to Brownian Motion perturbed at Extrema

7069 *Xiaoyu Liu*†

Mentor(s): Jonathon Peterson; Thomas Mountford

3:20 A Genomic Analysis of the Global House Dust Mite Allergen Diversity

7070 *Sarah Bennett*†

Mentor(s): Qixin He; Pavel Klimov

3:40 Quantifying the impact of cone opponency on predictions of color discrimination.

7071 *Lilianne Brush*†

Mentor(s): Esteban Fernandez-Juricic; Carlay Latour Teed

ROOM: STEW 214D

3:00 Does Consuming Mushrooms with a Healthy Mediterranean-style Dietary Pattern Affect Indexes of Brain Health in Adults?

7072 *Nok In Chan*†

Ω Mentor(s): Wayne Campbell; Dan Foti

3:20 Developmental Exposure of Human Induced Pluripotent Stem Cell-derived Cortical Cultures to Methylmercury Induces Persistent Functional Effects

7073 *Madeleine Strom*†

Ω Mentor(s): Aaron Bowman; Anke Tukker

3:40 Designing, Implementing, and Evaluating a Sex Trafficking & Domestic Violence Training Program for Licensed Salon Professionals in Indiana

7074 *Juliana St. Denis*†; *Abhinaya Nagalla*†; *Ashton Allen*†; *Jordan Cooley*†; *Alexandria Bedard*†; *Sophie Shank*†; *Evan Coblentz*†

Mentor(s): Kathryn Seigfried-Spellar; Andrea DeMaria; Alexandra Hughes-Wegner

RESEARCH TALK SESSION 8 | 4:00-5:00

ROOM: STEW 214A

- 4:00 Water Quality Assessment of Air Conditioning Condensate for Onsite Use
7075 *Jackie De Leon†*
Mentor(s): David Warsinger; Andrew Fix; Andrew Freeman
- 4:20 Demonstrating Space Planning Possibilities using Trend and Outlier Analysis of International Space Station Data
7076 *Davi Carvalho†; Chirag Pimpale†*
Mentor(s): Xiaoyu Liu
- 4:40 Engineered Collagen Polymeric Materials Maintain Tissue Volume and Support Regenerative Remodeling after Volumetric Muscle Loss
7077 *Joshua Sexton†*
Mentor(s): Sherry Harbin; Stacey Halum; Lujuan Zhang; Rachel Morrison

ROOM: STEW 214B

- 4:00 Nitrous Oxide and its Agents of Influence
7078 *Lila McMahon†*
Mentor(s): Rich Grant
- 4:20 Systematic Development and Optimization of Helix Stabilized Stapled Peptides for Inhibitory Use Against the Viral Oncoprotein, HPV-E6
7079 *Elizabeth Andersen†; Karthik Arcot‡; Sophie Zhou‡*
Mentor(s): Jo Davisson; Vallabh Suresh; Dino Petrov

ROOM: STEW 214C

- 4:00 ARTEMIS: AI-driven Robotic Triage Labeling and Emergency Medical Information System
7080 *Revanth Krishna Senthilkumaran†; Mridu Prashanth†*
Ω Mentor(s): Aniket Bera; Kshitij Tiwari; Hrishikesh Viswanath
- 4:20 Exploring Protein-bound Chlorophyll a's Vibrational Spectrum at Room Temperature Through Microsampling and Isotope Substitution
7081 *Sarah Alvarez†; Sajal Salim**
Ω Mentor(s): Mike Reppert; Jacob Wat
- 4:40 Cellular Activation is Sensitive to Abundance and Distribution of Rare Lipids
7082 *Alex Alonzo†*
Ω Mentor(s): Shalini Low-Nam; Joy Wu; Vinay Menon



THE LLC COLLOQUIUM

THE LITERATURE, LINGUISTICS, LANGUAGES, & CULTURE COLLOQUIUM

LLC Colloquium presentations are delivered in Stewart Center, Room 218 on April 11, 2024.

- 10:00 LOL or MDR: The Importance of Slang When Teaching a Second Language
8000 *Emma Niecikowski†*
 Mentor(s): Jessica Sturm
- 10:20 "Short" Verb Movement in Gan Hakka
8001 *Yongjia Deng†*
 Mentor(s): Elena Benedicto
- 10:40 Healing Words: A Comparative Exploration of Physician Writers Across Cultures and Centuries
8002 *George Francis†*
 Mentor(s): Olga Lyanda-Geller
- 11:00 Metamorphoses I.294: Context and Implications in Roman Literature
8003 *Sophia Cross†*
 Mentor(s): Marianne Blickenstaff
- 11:20 Expanding Russian Vocabulary through Acquisition of Rocket Propulsion Technology Terminology
8004 *Pavit Hooda†*
 Mentor(s): Olga Lyanda-Geller
- 11:40 Italian Neorealism Influence in Mexican Cinema
8005 *Nicandro Diaz Butron†*
 Mentor(s): Elena Coda
- 12:00 Preserving Your Language: Native Speakers in Another Linguistic Environment
8006 *Elina Gorenstein†*
 Mentor(s): Olga Lyanda-Geller
- 12:20 Anton Chekov's Observation of Suffering on the Island of Sakhalin
8007 *Emily Gervais†*
 Mentor(s): Olga Lyanda-Geller
- 12:40 Understanding Factors Contributing to the Housing Shortage at Purdue University
8008 *Aaron Gonzalez†*
 Mentor(s): Michael Johnson
- 1:00 Choice of Classifier Handshape in Motion Predicates in ASL
8009 *Daniella Simon†; Isabella Davis†*
 Mentor(s): Elena Benedicto; Kathleen Wagner
- 1:20 Eugenics and Transhumanism in 20th and 21st Century Literature
8010 *Emmy Gottsman†*
 Mentor(s): Maren Linett
- 1:40 Systemic Racism in the Education of Latinos
8011 *Marilu Perez Castro†*
 Mentor(s): Cara Kinnally
- 2:00 Analyzing Social and Cultural Determinants of Cancer Outcomes in Latinx Communities
8012 *David Arteaga†*
 Mentor(s): Cara Kinnally
- 2:20 Analysis of Trends and Contents of Russian and Ukrainian Economic Vocabularies of 1990s - 2010s
8013 *Davyd Revenko†*
 Mentor(s): Olga Lyanda-Geller

- 2:40 Migration Patterns in Renaissance Venice
8014 *Alexandra Neikirk†*
Mentor(s): Elena Coda
- 3:00 Purdue Empowers Stress Management Among Students
8015 *Marie-Alexan Gnagne†*
Mentor(s): Michael Johnson
- 3:20 The Language of Thought: How Language Affects Thought in Dystopian Literature
8016 *Tessa Stahly†*
Mentor(s): Elena Coda
- 3:40 Expressions of "fire" in English, Russian, and Spanish
8017 *Rowan Thornton†*
Mentor(s): Amina Gabrielov

VIRTUAL PRESENTATIONS

Presentations available on Spring Conference website April 9-16, 2024.

Posters sorted by last name of first author within each session.

- | | | | |
|------|---|------|--|
| 9000 | <i>Hassan Alalawi†; Varun Vaidyanathan†; Yue Yin†; Derek Chit</i>
Mentor(s): Mark Johnson; Ryan Montsma; Cole Nelson | 9009 | <i>Huimin Gai†; Qiaoqiao Wang†</i>
Mentor(s): Yu-Chin Chiu |
| 9001 | <i>Sydney Bansback†</i>
Mentor(s): Kim Kinzig; Brent Bachman | 9010 | <i>Shrienidhi Gopalakrishnan†; Vinay Gupta†</i>
Mentor(s): Brian Lee |
| 9002 | <i>Ishaan Bhatt†; Rithvik Raja‡; Aryan Kadakia‡; Raam Dora‡</i>
Mentor(s): Mark Johnson | 9011 | <i>Renee Hallsteint</i>
Mentor(s): Lynda Peter; Youn Choi |
| 9003 | <i>Macy Bluchert</i>
Mentor(s): Michael Johnson | 9012 | <i>Hyun (Eric) Kang†</i>
Mentor(s): Tillmann Kubis; Logan Melican |
| 9004 | <i>Eric Butz†</i>
Mentor(s): Sidney Ducleroir | 9013 | <i>Claire Kim†; William Kwont</i>
Mentor(s): Mark Johnson; Matthew Swabey; Cole Nelson |
| 9005 | <i>Ziwen Cai†</i>
Mentor(s): Smriti Bhatt | 9014 | <i>Woosik Kim†; Guo Yu†; Mengting Xu†</i>
Mentor(s): Qi Guo |
| 9006 | <i>Jaehong Choi†; Rohan Joshi†; Wen-Bo Hung†; Yunlin Zhang†</i>
Mentor(s): Mark Johnson; Ryan Montsma; Jude Pinto; Maxwell Michalec | 9015 | <i>Garrett Lail†; Jonathan Huang*; Sudhanva Donakonda*</i>
Mentor(s): Cole Nelson |
| 9007 | <i>Ava Flynn†; Moeyad Omert†; Zion Hackett†; Grant Congdon†; Mia Wilhite†; Divya Manvikar†; Myra Khare†</i>
Mentor(s): Aaron Lottes; Andrew Sivaprakasam | 9016 | <i>Yuechan Li†</i>
Mentor(s): Abolfazl Hashemi; Shivam Bhat; Zijian He |
| 9008 | <i>Maelyn Fulton†</i>
Mentor(s): A.J. Schwichtenberg; Amy Janis; Moon West | 9017 | <i>Jessica Lyng†; Rongbo Hu†; Sophie Duan*; Qinjia Xu*; Rika Chang*</i>
Mentor(s): Abolfazl Hashemi; Zijian He |
| | | 9018 | <i>Rahul Menon†; Benjamin Miller†; Andrew Liu†; Sangjin Lee†; Ansh Gangapurkar†; Hyun (Eric) Kang†</i>
Mentor(s): Tillmann Kubis; Logan Melican |

9019	<i>Seungkeun Oh†; Yen-Jung Chen*</i> Mentor(s): Shreya Ghosh	9027	<i>Devin Singh†</i> Mentor(s): Jenna DiVincenzo
9020	<i>Sammie Okodaso†; Olusegun Ogunwemimo†</i> Mentor(s): Mark Johnson; Jude Pinto; Maxwell Michalec	9028Ω	<i>Nicole Stepp†</i> Mentor(s): Andrea DeMaria
9021	<i>Ben Owen†; Yunhao Lan†</i> Mentor(s): Ryan Montsma	9029	<i>Riley Tague†; Elaine Huang‡</i> Mentor(s): Jennifer Smith; David Ray Miranda; Jasmine Begeske
9022	<i>Jadden Picard†; Jin Hyun Kim†; Saandiya KPS Mohan‡; Leo Chen‡; Adarsh Veerapaneni‡; Zilu (Johnny) Jin‡; Ata Ulas Guler‡; Alicia Zhou‡; Amy Tong‡</i> Mentor(s): Dave Barbarash	9030	<i>Tri Than†</i> Mentor(s): Abolfazl Hashemi; Sravani Ramishetty
9023	<i>Alana Powell†</i> Mentor(s): Kathryn LaRoche	9031	<i>Paul Michael Vasquez†; Trisha Suresh†; Joshua Fan‡</i> Mentor(s): Greg Michalski
9024	<i>Sohan Pramanik†</i> Mentor(s): David Warsinger; Sudharshan Anandan	9032	<i>Enze Wang†</i> Mentor(s): Chunyi Peng; Shaan Shekhar
9025	<i>MD Sadman Rafi†; Milen Mundackal Manoj†</i> Mentor(s): Mark Johnson; Jude Pinto	9033	<i>Advay Welling†; Sarthak Tandon*</i> Mentor(s): Blake Wilson; Vahagn Mkhitaryan
9026	<i>Luca Simon†; Hunter Mccollough†; Pranay Jaggi†</i> Mentor(s): Mark Johnson; Abinands Ramshanker; Ann Zi Lau; Fan Jing Hoon	9034	<i>Epiphany White†</i> Mentor(s): Thomas Beechem; Fernando Vega
			<i>Lilian Zhao†</i> 9035 Mentor(s): David Whittinghill



CELEBRATE PURDUE'S THINKERS, CREATORS, & EXPERIMENTERS

April 18, 2024 from 11:00 a.m. – 1:00 p.m. in the Purdue Memorial Union South Ballroom

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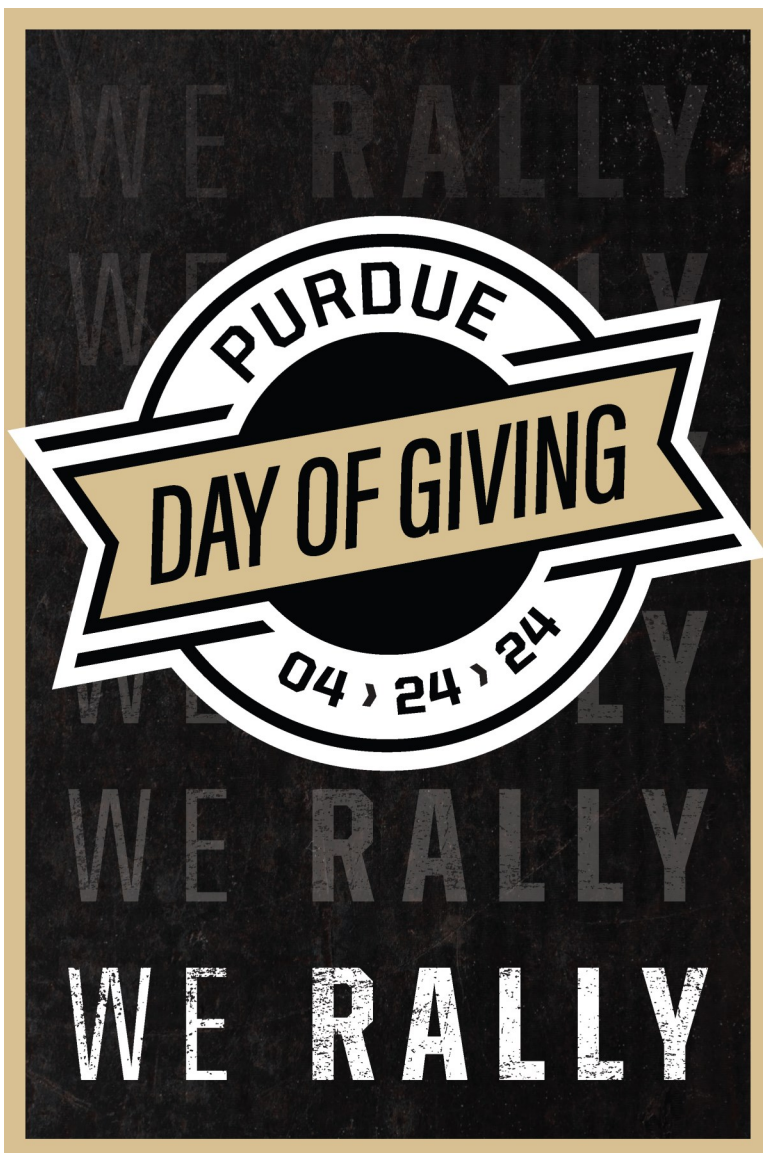
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