## *Spring 2024* Undergraduate Research Conference: *Polytechnic*

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

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

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

| Presentation | Students | Mentors |
|---|---|---|
| Poster #1030 presented 4/09 @ 9:00-10:00am | Tanvi Dhawade† (Engineering) | Qingchun Li (Polytechnic) Noori Kim (Polytechnic) Tianle Duan (Polytechnic) |
| Poster #1046 presented 4/09 @ 9:00-10:00am | Samuel Gomez† (Polytechnic) | Sudip Vhaduri (Polytechnic) |
| Poster #1054 presented 4/09 @ 9:00-10:00am | Brogan Holt† (DSB, JMHC) Daniel Wu* (DSB) Tristan Darby* (Engineering) Dylan Hall* (Engineering) Zach Tan* (Engineering) Carl Chandra* (Engineering) Ayan Hossain* (Engineering) Apoorva Bahl* (Engineering) Kexin Han* (DSB) Grant Goldsmith* (Engineering) | John Sheffield (Polytechnic) |
| Poster #1055 presented 4/09 @ 9:00-10:00am | Jon Hurley† (Science) | Soojung Jo (HHS) Tatiana Ringenberg (Polytechnic) |
| Poster #1063 presented 4/09 @ 9:00-10:00am | Connie Kang† (Engineering) Rongbo Hu† (Engineering) Nicholas Martel† (Engineering) Qinjia Xu‡ (Engineering) Jessica Lyng‡ (Engineering) Jiaming Fang‡ (Polytechnic) | Abolfazl Hashemi (Engineering) Shivam Bhat (Science) Zijian He (Engineering) |
| Poster #1083 presented 4/09 @ 9:00-10:00am | Yashwanth Reddy Mahesh Kumar† (Polytechnic) | Deniz Besiktepe (Polytechnic) |
| Poster #1089 presented 4/09 @ 9:00-10:00am | Stan Melkumian† (Polytechnic) Elizaveta Filippova† (Engineering) Prakhar Saxena† (Engineering) Adam Weber† (Agriculture, Engineering) Ethan Shatz‡ (Engineering) Dean Stornello‡ (Engineering, Science) | Adam Quinn (Agriculture) Daphne Fauber (Engineering) Harry Ashbaugh (Engineering) AJ Gin (Engineering) Kari Clase (Engineering) |
| Poster #1099 presented 4/09 @ 9:00-10:00am | Vidhi Patel† (Liberal Arts) | Lisa Bosman (Polytechnic) |
| Poster #1104 presented 4/09 @ 9:00-10:00am | Vinh Pham Ngoc Thanh† (Science, Polytechnic) | Smriti Bhatt (Polytechnic) |
| Poster #1107 presented 4/09 @ 9:00-10:00am | Zachary Ramirez† (Engineering, JMHC) | Tho Le (Polytechnic) |
| Poster #1117 presented 4/09 @ 9:00-10:00am | William Shumway† (Liberal Arts) Zachary Ryan* (Polytechnic) | Erik Otarola-Castillo (Liberal Arts) |

| Presentation | Students | Mentors |
|---|---|---|
| Poster #1119 presented 4/09 @ 9:00-10:00am | Chiho Song† (Science) Vir Toshniwal† (Engineering) Ruby Woudneh† (Engineering) Kareena Patel‡ (Liberal Arts) Haichang Lu‡ (Polytechnic) Tim Nadolsky‡ (Science) | Kristen Yeon-Ji Yun (Liberal Arts) Yung-Hsiang Lu (Engineering) |
| Poster #1219 presented 4/09 @ 10:30-11:30am | Jingyu Chen† (Polytechnic) | Garam Kim (Polytechnic) Waterloo Tsutsui (Engineering) |
| Poster #1238 presented 4/09 @ 10:30-11:30am | Jiaming Fang† (Polytechnic) Qinjia Xu‡ (Engineering) Zay Linn Htet* (Engineering, JMHC) Drew Philhower* (Engineering) Rongbo Hu* (Engineering) | Abolfazl Hashemi (Engineering) Zijian He (Engineering) |
| Poster #1250 presented 4/09 @ 10:30-11:30am | Mridulla Ganesh† (Engineering) | Lisa Bosman (Polytechnic) |
| Poster #1260 presented 4/09 @ 10:30-11:30am | Riddhi Gupta† (Science) | Lisa Bosman (Polytechnic) |
| Poster #1268 presented 4/09 @ 10:30-11:30am | Hoang Hua† (Engineering) Areli Viveros-Hernandez† (Science) | Tho Le (Polytechnic) |
| Poster #1285 presented 4/09 @ 10:30-11:30am | Michael Maslowski† (Polytechnic) | Nandhini Giri (Polytechnic) |
| Poster #1320 presented 4/09 @ 10:30-11:30am | Dayoon Suh† (Science) | Byung-Cheol Min (Polytechnic) Go-Eum Cha (Polytechnic) |
| Poster #1324 presented 4/09 @ 10:30-11:30am | Enzo Tiptur† (Polytechnic) Elliot Wong* (Engineering) Christian Davus* (Engineering) Jack Slater* (Science) Nicholas Gano* (Engineering) Andrew Song* (Engineering) | James Goppert (Engineering) Worawis Sribunma (Engineering) |
| Poster #1402 presented 4/09 @ 12:00-1:00pm | Kihunn Anderson† (Polytechnic) | Vetria Byrd (Polytechnic) |
| Poster #1457 presented 4/09 @ 12:00-1:00pm | Seongyun Kim† (Polytechnic) Harry Lee‡ (Engineering, JMHC) | Garam Kim (Polytechnic) Eduardo Barocio (Engineering) |
| Poster #1488 presented 4/09 @ 12:00-1:00pm | Rachel Pfeifer† (Science) | Sudip Vhaduri (Polytechnic) |
| Poster #1491 presented 4/09 @ 12:00-1:00pm | Reeya Ramasamy† (Polytechnic) | Kathryn Seigfried-Spellar (Polytechnic) Tatiana Ringenberg (Polytechnic) |
| Poster #1520 presented 4/09 @ 12:00-1:00pm | Andy Trinh† (Polytechnic) | Sidney Ducleroir (Liberal Arts) |
| Poster #1527 presented 4/09 @ 12:00-1:00pm | Mark Wise† (Polytechnic) Akshay Padmanabhuni‡ (Polytechnic) Lance Berendes‡ (Polytechnic) | Jason Ostanek (Polytechnic) Bill Hutzel (Polytechnic) |
| Poster #1613 presented 4/09 @ 1:30-2:30pm | Adrian Calderon† (Polytechnic) | Gaurav Nanda (Polytechnic) |
| Poster #1618 presented 4/09 @ 1:30-2:30pm | Coco Chen† (Liberal Arts) Rae Fu† (Polytechnic) Jackson Novak† (Liberal Arts) | Petronio Bendito (Liberal Arts) |
| Poster #1623 presented 4/09 @ 1:30-2:30pm | Min Yong Chun† (Polytechnic) | Garam Kim (Polytechnic) Sung Jun Choi (Polytechnic) |
| Poster #1629 presented 4/09 @ 1:30-2:30pm | Atin Dewan† (Engineering, JMHC) | Aparajita Jaiswal (Partnerships) Sakhi Aggrawal (Polytechnic) |
| Poster #1637 presented 4/09 @ 1:30-2:30pm | Antonio Gil† (Polytechnic) | Sidney Ducleroir (Liberal Arts) |

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|---|---|---|
| Poster #1641 presented 4/09 @ 1:30-2:30pm | Arjun Gupte† (Engineering) | Byung-Cheol Min (Polytechnic) Ruiqi Wang (Polytechnic) Vishnunandan Venkatesh (Polytechnic) |
| Poster #1657 presented 4/09 @ 1:30-2:30pm | Katie-Jane Klembarsky† (Engineering, JMHC) | Mo Rastgaar (Polytechnic) Gabriel Andres Torres Rivera (Engineering) Ahmed Soliman (Polytechnic) |
| Poster #1670 presented 4/09 @ 1:30-2:30pm | Riley Mann† (Engineering, JMHC) | Dongming Gan (Polytechnic) Muhammad Hammad Alvi (Polytechnic) |
| Poster #1672 presented 4/09 @ 1:30-2:30pm | Luke Matheny† (Polytechnic, JMHC) | Tianyi Li (Polytechnic) |
| Poster #1674 presented 4/09 @ 1:30-2:30pm | Liam McCormack† (Polytechnic) Eveyln McCarthy‡ (Engineering) | Brittany Newell (Polytechnic) David Moreno (Polytechnic) Diana Narvaez (Polytechnic) |
| Poster #1678 presented 4/09 @ 1:30-2:30pm | Chawin Mingsuwan† (Polytechnic) | Adrian Tepole (Engineering) |
| Poster #1681 presented 4/09 @ 1:30-2:30pm | Kamanda Mosongo† (Polytechnic, JMHC) | Chien-Tsung Lu (Polytechnic) Haoruo Fu (Polytechnic) |
| Poster #1683 presented 4/09 @ 1:30-2:30pm | Keisuke Nakamura† (Science, JMHC) | Noori Kim (Polytechnic) |
| Poster #1702 presented 4/09 @ 1:30-2:30pm | Zachary Ryan† (Polytechnic) William Shumway* (Liberal Arts) | Erik Otarola-Castillo (Liberal Arts) |
| Poster #1703 presented 4/09 @ 1:30-2:30pm | Aishani Sakalabhaktula† (Engineering) | Lisa Bosman (Polytechnic) |
| Poster #1711 presented 4/09 @ 1:30-2:30pm | Braeden Strahm† (Polytechnic, JMHC) | Tatiana Ringenberg (Polytechnic) |
| Poster #1718 presented 4/09 @ 1:30-2:30pm | Shou-Fu Tseng† (Science) Brandon Farber† (Engineering, JMHC) | Tho Le (Polytechnic) |
| Poster #1720 presented 4/09 @ 1:30-2:30pm | Alex Valdes† (Engineering) | Brittany Newell (Polytechnic) |
| Poster #1723 presented 4/09 @ 1:30-2:30pm | Samantha Wadas† (Liberal Arts, Polytechnic) Caden Cowles† (Polytechnic) Sinhong Park† (Polytechnic) | Garam Kim (Polytechnic) Jacob Montrose (Polytechnic) Noori Kim (Polytechnic) |
| Poster #1729 presented 4/09 @ 1:30-2:30pm | Sucheol Woo† (Polytechnic) Min Yong Chun‡ (Polytechnic) Seongyun Kim‡ (Polytechnic) | Garam Kim (Polytechnic) Ronald Sterkenburg (Polytechnic) Yuwei He (Polytechnic) Kangseok Lee (Engineering) |
| Talk #7001 presented 4/11 @ 9:40am | Parth Joshi† (Polytechnic) | Alejandra Magana (Polytechnic) Lucas Wiese (Polytechnic) |
| Talk #7016 presented 4/11 @ 10:40am | Teah Good† (Liberal Arts) Jefferey Chen† (Liberal Arts) Evan Hunt† (Liberal Arts) Eva Voelker† (Liberal Arts) Carissa Bauerband‡ (Polytechnic) | Michael Salvo (Liberal Arts) |
| Talk #7027 presented 4/11 @ 11:20am | Rhea Dutta† (Engineering, JMHC) | Lisa Bosman (Polytechnic) |
| Talk #7035 presented 4/11 @ 12:00pm | Clayton Cobb† (Polytechnic) Jeremy Rashkin† (Polytechnic) Chloe Graham† (Polytechnic) | Garam Kim (Polytechnic) Sung Jun Choi (Polytechnic) Timothy Ropp (Polytechnic) Kyubyung Kang (Polytechnic) |
| Talk #7036 presented 4/11 @ 12:20pm | Matthew Elliott† (Polytechnic) Ryan Seller† (Polytechnic) Simon Lin† (Polytechnic) | Garam Kim (Polytechnic) Jacob Montrose (Polytechnic) Waterloo Tsutsui (Engineering) |
| Talk #7037 presented 4/11 @ 12:40pm | Stephane Duval† (Polytechnic) Parikshit Sah† (Polytechnic) | Suranjan Panigrahi (Polytechnic) |

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|---|---|---|
| Talk #7055 presented 4/11 @ 2:40pm | Hsin-Wei (Ryan) Hsieh† (Engineering) Hyunsang (Ethan) Cho† (Engineering) Jaewon Cho† (Engineering) Zachary Witeck† (Polytechnic) Byung Wook Kim‡ (Engineering) Hyunjun Park‡ (Engineering) Spencer Gries‡ (Engineering) Kisal Wijesooriya‡ (Science) Thilak Babu* (Engineering) | Sivaranjani Seetharaman (Engineering) |
| Talk #7074 presented 4/11 @ 3:40pm | Juliana St. Denis† (Polytechnic, JMHC) Abhinaya Nagalla† (Polytechnic) Ashton Allen† (Polytechnic, JMHC) Jordan Cooley† (Polytechnic, JMHC) Alexandria Bedard† (HHS) Sophie Shank‡ (HHS, JMHC) Evan Coblentz‡ (Agriculture, JMHC) | Kathryn Seigfried-Spellar (Polytechnic) Andrea DeMaria (HHS) Alexandra Hughes-Wegner (HHS) |
| Virtual #9005 presented 4/09-4/16 virtually | Ziwen Cai† (Polytechnic) | Smriti Bhatt (Polytechnic) |
| Virtual #9016 presented 4/09-4/16 virtually | Yuechan Li† (Polytechnic) | Abolfazl Hashemi (Engineering) Shivam Bhat (Science) Zijian He (Engineering) |
| Virtual #9035 presented 4/09-4/16 virtually | Lilian Zhao† (Science) | David Whittinghill (Polytechnic) |