

Fall 2024 Undergraduate Research Symposium: Agriculture

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 are based on information submitted in conference applications, except for the following:

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

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

Presentation	Students	Mentors
Poster #1000 presented 11/19 @ 9:00-10:00am	Magdalena Irene Alvis† (Science JMHC) McLayne Houin‡ (Agriculture JMHC) Ian Alford‡ (Science)	Conrrad Makea Rupe Nicholls (Science) Jeffery J H Nielsen (Science)
Poster #1004 presented 11/19 @ 9:00-10:00am	Lillian M Andist† (Agriculture)	Jonathan Pasternak (Agriculture) Alyssa Smith (Agriculture)
Poster #1007 presented 11/19 @ 9:00-10:00am	Megan Grace Ashby† (Agriculture) Evan James Campbell* (Agriculture) Delaney Alexandra Doncer* (Agriculture)	Jonathan Pasternak (Agriculture) Sarah M Innis (Agriculture) Alyssa Smith (Agriculture) Dayeon Jeon (Agriculture)
Poster #1008 presented 11/19 @ 9:00-10:00am	Megan Grace Ashley† (Agriculture) Abigail Joy Benham† (Agriculture) Sabrina Ann Blount† (Agriculture) Ashleigh P Thompson† (Agriculture) Dane' van Ghunt† (Agriculture)	Casie S Bass (Agriculture)
Poster #1012 presented 11/19 @ 9:00-10:00am	Makaela Marie Bennett† (Agriculture) Grace Makenna Gonzalez† (Agriculture) Anthony John Gruber† (Agriculture) Mary Elizabeth Reeder† (Agriculture) Mackenzie Joy Shea† (Agriculture)	Casie S Bass (Agriculture)
Poster #1015 presented 11/19 @ 9:00-10:00am	Katelyn Emily Bottando† (Agriculture) Grace Rentfro* (HHS)	Sa Liu (HHS)
Poster #1018 presented 11/19 @ 9:00-10:00am	Dawn Elaine Burch† (Agriculture) Georgia Jones† (Agriculture) Bodhi Alan Kuiper† (Agriculture) Kylie Shea Soniak† (Agriculture)	Casie S Bass (Agriculture)
Poster #1019 presented 11/19 @ 9:00-10:00am	Madison Nicole Butz† (Agriculture) Sydnee Noelle Culp† (Agriculture) Allison Grace Schimpff† (Agriculture) Connor J Smith† (Science) Devin Brianna Thomas† (Agriculture)	Casie S Bass (Agriculture)
Poster #1021 presented 11/19 @ 9:00-10:00am	Christopher Timothy Chan† (Engineering) Justin Song† (Engineering) Niril Jestus† (Engineering) Jacob Adam Clark† (Engineering) Sabrina Louise Gray† (Engineering) Mihika Sharma† (Science)	David Michael Barbarash (Agriculture)
Poster #1034 presented 11/19 @ 9:00-10:00am	Hanna Joy Dykema† (Agriculture)	Krishna Nemali (Agriculture)
Poster #1046 presented 11/19 @ 9:00-10:00am	Audrey Jean Heckel† (Engineering JMHC)	Andrew DeWoody (Agriculture)

Presentation	Students	Mentors
Poster #1068 presented 11/19 @ 9:00-10:00am	Silvia Nathalia Martinez Calderon [†] (Universidad Nacional de Colombia)	Rui Zhu (Agriculture)
Poster #1076 presented 11/19 @ 9:00-10:00am	Sidney Nicole Panaretos [†] (Agriculture) Megan Elizabeth Hines [†] (Agriculture JMHC) Sydney D Anderson [†] (Agriculture) Haley Marie Morgant [†] (Agriculture) Alexis Ann Evans [†] (Agriculture)	Casie S Bass (Agriculture)
Poster #1086 presented 11/19 @ 9:00-10:00am	Ruby Catalina Rodriguez Diaz [†] (Universidad Nacional de Colombia)	Stephen B Goodwin (Agriculture)
Poster #1097 presented 11/19 @ 9:00-10:00am	Austin Robert Tanabe [†] (Agriculture Engineering JMHC) Daniel Russell Cline [†] (Agriculture Engineering) Collin Jayson Kao* (Agriculture Engineering)	Kari L Clase (Engineering) Aaron J Gin (Purdue University) Amanda K Limiac (Engineering)
Poster #1104 presented 11/19 @ 9:00-10:00am	Amber Voigtschild [†] (Science JMHC)	Roland Conrad Wilhelm (Agriculture)
Poster #1113 presented 11/19 @ 9:00-10:00am	Quqi Zhang [†] (Engineering)	Tanner James Ballance (Agriculture)
Poster #1203 presented 11/19 @ 10:30-11:30am	Tina Atmani [†] (Agriculture Engineering) Lana Malek [†] (Agriculture Engineering) Xiuyu Shi [†] (Agriculture Engineering)	Kari L Clase (Engineering) Ruba Ahmad Qwai Alajlouni (Agriculture) Amanda K Limiac (Engineering)
Poster #1206 presented 11/19 @ 10:30-11:30am	Alexis Lucille Ador Bernal [†] (Agriculture Engineering) Manya Devang Kadiwala [†] (Agriculture)	Kari L Clase (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)
Poster #1219 presented 11/19 @ 10:30-11:30am	Caroline Grace Chandler [†] (Agriculture JMHC) Vincent Simon Knizka [‡] (Pharmacy)	Ketaki A Mahurkar (Science) Angeline M Lyon (Science)
Poster #1229 presented 11/19 @ 10:30-11:30am	Delaney Alexandra Doncert [†] (Agriculture)	Jonathan Pasternak (Agriculture) Sarah M Innis (Agriculture) Alyssa Smith (Agriculture) Dayeon Jeon (Agriculture)
Poster #1235 presented 11/19 @ 10:30-11:30am	Ethan Burke Fox [†] (Agriculture) Alexander Stephen Haynes [‡] (Science)	Daniel B Raudabaugh (Agriculture) Mary Aime (Agriculture)
Poster #1236 presented 11/19 @ 10:30-11:30am	Alaina Rose Gartner [†] (Agriculture Engineering)	Leonor Maria de Fatima Chagas Boavida (Agriculture)
Poster #1260 presented 11/19 @ 10:30-11:30am	Kylie M Lachapelle [†] (Agriculture JMHC) Saheli Minesh Parikh [†] (Education JMHC) Aditya Ujwal [‡] (Science JMHC) Simon Paul Mitchell [‡] (Engineering JMHC) Megan E Power [‡] (DSB JMHC) Nithin Krishna Veeramasoneni [‡] (Polytechnic JMHC)	Kathryn Frances Dilworth (JMHC)
Poster #1264 presented 11/19 @ 10:30-11:30am	Elliana Rose Lemberist [†] (Agriculture Engineering) Nadia Helen Whalent [†] (Agriculture Engineering)	Somali Chaterji (Engineering)
Poster #1272 presented 11/19 @ 10:30-11:30am	Mariana Moreano Acevedo [†] (Universidad Nacional de Colombia)	Darcy E P Telenko (Agriculture)
Poster #1278 presented 11/19 @ 10:30-11:30am	Mia Cynthia Pfeiffer [†] (Agriculture Engineering JMHC) Anne Flynn Campbell [†] (Agriculture Engineering) Collin Jayson Kao [‡] (Agriculture Engineering)	Kari L Clase (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)

Presentation	Students	Mentors
Poster #1279 presented 11/19 @ 10:30-11:30am	Brooke Allison Pilkey† (Science) Shreya Joshy‡ (Science)	Rebecca Lynn Leuschen-kohl (Agriculture) Anjali Iyer-Pascuzzi (Agriculture) Stephen R Lindemann (Agriculture) Rwivoo Baruah (Agriculture)
Poster #1280 presented 11/19 @ 10:30-11:30am	Katherine Alfreda Poirier† (Agriculture Engineering JMHC) Lauren Elizabeth Bhat† (Agriculture Engineering) Lauren Marie Schinker‡ (Agriculture Engineering JMHC)	Kari L Clase (Engineering) Somali Chaterji (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)
Poster #1283 presented 11/19 @ 10:30-11:30am	Miranda Ramos Campos†	Thaisa M Cantu Jungles (Agriculture)
Poster #1284 presented 11/19 @ 10:30-11:30am	alexander Ramsey† (Science JMHC) Rachel Elizabeth Michaelis† (Science JMHC)	Karen A Hudson (Agriculture) Militza Carrero-Colon (Agriculture)
Poster #1296 presented 11/19 @ 10:30-11:30am	Sara Thomason† (Agriculture JMHC) Zhiyuan Chen† (Agriculture Engineering)	Kari L Clase (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)
Poster #1403 presented 11/19 @ 12:00-1:00pm	Kaitlyn Marie Annunziata† (Agriculture)	Daniel B Raudabaugh (Agriculture) Mary Aime (Agriculture)
Poster #1411 presented 11/19 @ 12:00-1:00pm	Zhixin Cai† (Science JMHC) Keith Meyers* (Science JMHC)	Kristen Marie Bellisario (JMHC) Christine Harrison Elliott (Agriculture)
Poster #1413 presented 11/19 @ 12:00-1:00pm	Evan James Campbell† (Agriculture) Delaney Alexandra Doncer* (Agriculture) Megan Grace Ashby* (Agriculture)	Jonathan Pasternak (Agriculture) Sarah M Innis (Agriculture) Dayeon Jeon (Agriculture) Alyssa Smith (Agriculture)
Poster #1415 presented 11/19 @ 12:00-1:00pm	Yu-Wei Cheng† (Agriculture)	Ximena Bernal (Science) Richa Singh (Science)
Poster #1443 presented 11/19 @ 12:00-1:00pm	Katie Luo Hong† (Agriculture) Sierra Hunnicutt‡ (Science JMHC) Abigail Rose Malott‡ (Agriculture JMHC) Antonia Christina Alexiou* (Science JMHC) Sabrina Michelle Hardy* (Science JMHC) Vaishnavi Purram* (Science JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1450 presented 11/19 @ 12:00-1:00pm	Jolie Grace Klimczak† (Agriculture JMHC)	Emma Maggart (Dynamic Redevelopment Solutions)
Poster #1455 presented 11/19 @ 12:00-1:00pm	Laurian Kate Lien† (Agriculture Engineering)	Kurt Ristroph (Engineering) Lucas Johnson (Agriculture)
Poster #1461 presented 11/19 @ 12:00-1:00pm	Eleanore Margaret Malinowski† (Agriculture)	Clint C S Chapple (Agriculture) Chase Taylor Hearn (Interdisciplinary & Special Programs)
Poster #1468 presented 11/19 @ 12:00-1:00pm	Iris Georgina Ocegueda Medina†	Vikki Marie Weake (Agriculture)
Poster #1469 presented 11/19 @ 12:00-1:00pm	Tovia Grace Owens† (Agriculture Engineering)	Rose Prabin Kingsly Ambrose (Engineering)
Poster #1470 presented 11/19 @ 12:00-1:00pm	Caroline Rhea Packee† (Science) Emma Swanson† (HHS) Avery Grace Brubaker† (HHS) Evan Graham Coblentz‡ (Agriculture JMHC)	Monica Kasting (HHS) Shandey Derisa Malcolm (HHS) Samantha L. Ky (HHS)
Poster #1485 presented 11/19 @ 12:00-1:00pm	Dylan Wade Seets† (Science)	Darrin M Karcher (Agriculture) Sara Elizabeth Cloft (Agriculture)
Poster #1486 presented 11/19 @ 12:00-1:00pm	Sarah Michelle Sewell† (Engineering) Leo Chen† (Engineering) Sun Hong H Park† (Polytechnic) Ata Ulas Guler† (Engineering) Rachel Wingyan Ho† (Engineering)	David Michael Barbarash (Agriculture)

Presentation	Students	Mentors
Poster #1491 presented 11/19 @ 12:00-1:00pm	Anna Marie Sorg† (Agriculture)	Alexander Baena (Agriculture) D. Marshall Porterfield (Agriculture)
Poster #1606 presented 11/19 @ 1:30-2:30pm	Ava Grace Barnest† (Agriculture)	Leonor Maria de Fatima Chagas Boavida (Agriculture)
Poster #1614 presented 11/19 @ 1:30-2:30pm	Wyatt Tristan Carter† (Agriculture)	Jean A Chmielewski (Science) Anna Pavlishchuk (Science)
Poster #1622 presented 11/19 @ 1:30-2:30pm	Maria Fernanda Delgado Taboadat† (Agriculture)	Natalia Doudareva (Science) Matthew Edward Bergman (Agriculture)
Poster #1624 presented 11/19 @ 1:30-2:30pm	Aryaman Dewan† (Science) Malyka Ram† (Agriculture Engineering) Priyanshu Datta Roy† (Agriculture Engineering JMHC) Rishabh Kottakota* (Science)	Uma K Aryal (Vet Med)
Poster #1628 presented 11/19 @ 1:30-2:30pm	Vatsal Sanjeevkumar Dudhaiya† (Engineering) Tingyu Yin† (Science)	Marco Hadisurya (Agriculture)
Poster #1631 presented 11/19 @ 1:30-2:30pm	Natalia Brynn Gaffney† (Agriculture) Leilani Grace Agngarayngay† (Agriculture Engineering) Alexis Lucille Ador Bernal‡ (Agriculture Engineering)	Kari L Clase (Engineering) Julia Ann Simler (Agriculture) Amanda K Limiac (Engineering)
Poster #1636 presented 11/19 @ 1:30-2:30pm	Laura Evelyn Harriss† (Agriculture JMHC) Ian McGill† (Science JMHC) Elizabeth Darlene Gray† (Liberal Arts JMHC)	Aparajita Jaiswal (Purdue University)
Poster #1640 presented 11/19 @ 1:30-2:30pm	Sierra Hunnicutt† (Science JMHC) Antonia Christina Alexiou† (Science JMHC) Katie Luo Hong* (Agriculture) Abigail Rose Malott* (Agriculture JMHC) Sabrina Michelle Hardy* (Science JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1650 presented 11/19 @ 1:30-2:30pm	Sreesha Vedavalli Kidambi† (Agriculture Engineering) Jamie Youngjin Cho† (Agriculture Engineering) Jason England Thiagarajan† (Agriculture Engineering)	Kari L Clase (Engineering) Ruba Ahmad Qwai Alajlouni (Agriculture)
Poster #1659 presented 11/19 @ 1:30-2:30pm	Abigail Rose Malott† (Agriculture JMHC) Katie Luo Hong* (Agriculture) Sierra Hunnicutt* (Science JMHC) Sabrina Michelle Hardy* (Science JMHC) Lukas Benjamin Kraft* (Agriculture JMHC)	Kristen Marie Bellisario (JMHC)
Poster #1663 presented 11/19 @ 1:30-2:30pm	Keith Meyers† (Science JMHC) Zhixin Cai* (Science JMHC)	Kristen Marie Bellisario (JMHC) Christine Harrison Elliott (Agriculture)
Poster #1665 presented 11/19 @ 1:30-2:30pm	Ashley Zaira Mohammed† (Agriculture JMHC)	Lavanya Reddivari (Agriculture) Heather R Milliron (Agriculture)
Poster #1669 presented 11/19 @ 1:30-2:30pm	Jack Robert Nelson† (Agriculture JMHC) Katherine Josephine Cheh† (DSB JMHC) Akshat Garg† (Polytechnic JMHC)	Aparajita Jaiswal (Purdue University)
Poster #1686 presented 11/19 @ 1:30-2:30pm	Emily Joy Reeves† (Agriculture) Ally Morgan Wigand† (Agriculture Engineering)	Aaron J Gin (Purdue University)
Poster #1689 presented 11/19 @ 1:30-2:30pm	Mateus Rocha Ripari† (Agriculture) Paula Natalia Natalia Paez Monroy† (Universidad Nacional de Colombia) Erica Kaser* (Agriculture) Keila Aika Keikilani Jellings* (Science) Elise Bennett* (Utah Valley University)	Abigail Keelin Rogers (Interdisciplinary & Special Programs)

Presentation	Students	Mentors
Poster #1702 presented 11/19 @ 1:30-2:30pm	Evans Tang [†] (Science JMHC) Olivia Anne Guptill [†] (Agriculture JMHC) Allyson Faith Miller [†] (HHS JMHC)	Aparajita Jaiswal (Purdue University) Clara Elisa Hortua alvarado (Liberal Arts)
Poster #1704 presented 11/19 @ 1:30-2:30pm	Elysia Marlana Uggen [†] (Agriculture JMHC) Joshua Paul Kaluf [‡] (Agriculture) Shelby Sliger [‡] (Agriculture JMHC)	Joseph P Ogas (Agriculture) Jacob Ryan Fawley (Agriculture) Jiaxin Long (Agriculture)
Research Talk #7028 presented 11/20 @ 11:20am	Johanna Marie Hicks [†] (Agriculture JMHC)	Lavanya Reddivari (Agriculture) Edward David Moncada (Agriculture)
Research Talk #7029 presented 11/20 @ 11:40am	Lane Bell [†] (Agriculture)	Daniel B Raudabaugh (Agriculture) Mary Aime (Agriculture)
Research Talk #7035 presented 11/20 @ 11:40am	Abigail Hyejin Lee [†] (Science JMHC) Kaaya Dharm Sharma* (Agriculture)	Yuxin Zhuang (Agriculture) Majid Kazemian (Science)
Research Talk #7040 presented 11/20 @ 12:20pm	Hayley Kristen Wong Liong [†] (Agriculture JMHC) Athanasios Gregory Flessas [†] (Agriculture JMHC)	Bruce M Applegate (Agriculture) Kal Holder (Science) Keyshla M Narvaez Davila (Agriculture)
Research Talk #7041 presented 11/20 @ 12:40pm	Nina Kay Wilson [†] (Agriculture)	Greg Fraley (Agriculture)
Research Talk #7051 presented 11/20 @ 1:00pm	Carson William Rockwell [†] (Science) Bailey Jean Williams [†] (Agriculture)	Bruce M Applegate (Agriculture) Kal Holder (Science) Keyshla M Narvaez Davila (Agriculture)
Research Talk #7052 presented 11/20 @ 1:20pm	Rineet Rangat [†] (HHS) Akila Abeyaratna [‡] (Agriculture JMHC)	Brody Alan Deming (Pharmacy)
Research Talk #7061 presented 11/20 @ 2:20pm	Christine Elizabeth Mayo [†] (Engineering) Adalene Noel Stangeland [†] (Agriculture Engineering) Meggie Faye Khantsis [†] (Agriculture JMHC) Megan Leanne Painter [‡] (Agriculture Engineering) Payton Elizabeth Gault [‡] (Agriculture)	Curtis Earl Marshall (Engineering)
Research Talk #7064 presented 11/20 @ 2:20pm	Madison Chloe Lee [†] (Agriculture Engineering)	Olga Lyanda-Geller (Liberal Arts)
Research Talk #7065 presented 11/20 @ 2:40pm	Jack Douglas Morehouse [†] (Science)	Jason T Hoverman (Agriculture)
Research Talk #7068 presented 11/20 @ 2:40pm	Ashton Zachary Allen [†] (Polytechnic JMHC) Abhinaya Nagalla [†] (Polytechnic) Jordan Elizabeth Cooley [†] (Polytechnic JMHC) Juliana Reese St Denis [†] (Polytechnic JMHC) Evan Graham Coblenz [‡] (Agriculture JMHC)	Kathryn Seigfried-Spellar (Polytechnic) Andrea DeMaria (Polytechnic)
Research Talk #7069 presented 11/20 @ 2:00pm	Rishabh Kottakota [†] (Science) Aryaman Dewan* (Science) Malyka Ram* (Agriculture Engineering) Priyanshu Datta Roy* (Agriculture Engineering JMHC)	Uma K Aryal (Vet Med)
Research Talk #7073 presented 11/20 @ 3:20pm	Shamalaa Sathiasealan [†] (Science)	Mohit Verma (Engineering) Josiah L Davidson (Agriculture)
Research Talk #7075 presented 11/20 @ 3:00pm	Natalie Christine Smith [†] (Agriculture)	Jamie Fraser (Childrens National Medical Center) Brianna Pierce (Childrens National Medical Center)
Research Talk #7081 presented 11/20 @ 3:00pm	An My Nguyen [†] (Engineering)	Majid Kazemian (Science) Yuxin Zhuang (Agriculture)
Research Talk #7086 presented 11/20 @ 4:40pm	Arman Kumar [†] (Science JMHC)	Mohit Verma (Engineering) Josiah L Davidson (Agriculture)

Presentation	Students	Mentors
Virtual #9009 presented 11/19-11/26 virtually	Joan Dominguez Lora†	Laura L Ingwell (Agriculture)