



2024 Summer Research Conference Presentation Lineup

Wednesday: Morning Session I: 9:15 – 10:15 AM				
Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
1	Metabolic Regulation and Disease	Bear Room	Daniel De Magalhaes Filho	Sharon Zhu Liana Melikian Daniel Xu Ian Gurholt
2	Chromatin Structure and Dynamics	Dance Studio	Karina Cunha e Rocha	Risa Cozza Masar Shakir Kyra Fetter Aditya Parmar
3	Health Disparities and Cultural Competence	East Ballroom	Stephanie Ramos	Angelina Huynh Irisa Jin Natasha Landini Nadia Celaya Carrillo
4	Astronomy and Astrophysics I	ERC Room	Dr. Adam Burgasser	Sara Morrissey Sophia Um Justin Mascari Ashai Moreno
5	Chemical and Nanoengineering I	Forum	Dr. Karcher Morris	Ivis Sanchez Sihyun Kim Namseo Kim
6	Computer Science and Engineering	Governance Chambers	Annabella Macaluso	Haochen Jiang Ali Alabiad Leica Shen Yann Baglin-Bunod
7	Fear, Pain, and Anxiety	Green Table Room	Barbara Calabrese	David Ngan Tara Gao Cassandra Hayashi Sarah Flores
8	Neurological Mechanisms and Interventions	Marshall Room	Lauren Valdez	Isha Dhandha Esther Na Annie Duong
9	Neuroscience and Neurobiology I	Muir Room	Assael Madrigal	Nadia Lintag Joey Barros Sophia Trujillo Jade Gardea

10	Educational Equity and Success	Red Shoe Room	Dr. Clara Meaders	Libby Kotei-Fearon Kat Lauinger Manvir Bamrah
11	Computational Genomics	Warren Room	Dr. Lindsey Burnett	Linnea Cooley Amogh Raichur Willard Ford Karen Yan
12	Endocrinology and Development	Student Services Center, Room 260	Dr. Kellie Breen Church	Shreya Dhanala Megan Stadalman Katherine Kazulina
13	Cancer and Immunotherapy	Student Services Center, Room 300	Hayley Fong	Yuntian Zhu Christopher Huerta Natalie Pok Olivia Peony
14	Biomedical Engineering	Student Services Center, Room 400	Christina Mayberry	Deeptha Bharadwaj Bardia Khosravi Zoe Marshall Evan Chan
15	Data-Driven Disease Diagnosis	Student Services Center, Room 554	Yue Yin	Pranava Gande Elizabeth Kim Eric Silberman Manu Bhat

Wednesday Morning Session II: 10:30 – 11:30 AM

Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
16	Earth Systems and Environmental Dynamics	Bear Room	Dr. Doug Bartlett	Zoe Gong Rebecca Wu Nabihah Chaudhry Riani Shah
17	Synthetic Chemistry	Dance Studio	Jonathan Galicia	Ryan Gappy Lila Rosen Jordan Brower Marissa Sheehy
18	Health, Environment, and Social Advocacy	East Ballroom	Stephanie Ramos	Xara Khan Diana Oliva Najarro Chris Zhang Emily Smith
19	Disease Mechanisms and Therapies	ERC Room	Karina Cunha e Rocha	Samvel Gaboyan Changler Huang Tiffany Pugh Camilla Hong
20	Narratives of Conflict	Forum	Berenice Jau	Hannah Ullman Torin Smith Katrina Ramirez Jin Johnson
21	Mechanical and Aerospace Engineering I	Governance Chambers	Moisés Ibarra Miranda	Parth Jha Alison Martinez Lars Osterberg Oliver Whelan
22	Autism	Green Table Room	Dr. Leslie Carver	Anet Estrada Cameron Manard Stephanie Hernandez
23	Neurobiology and Neurological Disorders	Marshall Room	Lauren Valdez	Yesenia Rivera Remy Dupart Jesiel Diaz Sahana Kashyap
24	Methodology in Neuroscience and Engineering	Muir Room	Assael Madrigal	Amanda Lin Andrea Balcan Nathan Poselenik Nikolas Cabrera
25	Education in STEM Fields I	Red Shoe Room	Rosalva Gonzalez	Anika Agarwal Kesler Anderson Jordon Warf Aaron Sun Anshul Garde

26	Immune System and Inflammation	Warren Room	Dr. Darren Casteel	Risha Sharma Daniel Gurholt Gregorio Chavez Rose Cascio
27	Reproductive Biology and Development	Student Services Center, Room 260	Dr. Kellie Breen Church	Vivian Chen Madhurima Kesaraju Autumn Jackson
28	Biotechnology and Imaging	Student Services Center, Room 300	Hayley Fong	Jinyun Lee Carlos Alberto Aguilar Jaiden Saykham Asher Khattak
29	Bioengineering and Materials Science	Student Services Center, Room 400	Christina Mayberry	Jacob Mapa Beeta Zamani Grace Lu Alondra Davila Andrade
30	Claiming a Space of One's Own	Student Services Center, Room 554	Maggie Thach Morshed	Hannah Drake Ayline Paez Masaki Mendoza Diana Solis

Wednesday Afternoon Session I: 1:00 – 2:00 PM

Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
31	Ocean and Marine Ecosystems	Bear Room	Dr. Doug Bartlett	Emma Braham Emma Thorpe Luis Salazar
32	Mental health and Interventions	Dance Studio	Berenice Jau	Jafer Vazquez Alcaraz Angel Sta Maria Levis Waiyaki Lucia Head
33	Electrical and Computer Engineering I	East Ballroom	Jason Stanley	Charlotte Dong Tay Heinonen Maiyun Zhang
34	Neuroscience and Vision	ERC Room	Dr. Cole Ferguson	Kana Dawson Andrea Ruiz D'Argence Tina Johnston Yiting Bu
35	Chemical and Nanoengineering II	Forum	Randy Dumas	Ilya Mazalov Nicole Bialick Maggie Mullooly Dylan Mirhan
36	Mechanical and Aerospace Engineering II	Governance Chambers	Moisés Ibarra Miranda	Tin Nguyen Tin Nguyen Jason Hodes Neha Jacob
37	Cancer Biology I	Green Table Room	Hayley Fong	Lilian Chong William Chan Riya Chhabra Kevin Zhang
38	Biodiversity and Ecological Responses	Marshall Room	Dr. Morgan Mouchka	Madison Kelly Megan Obrien Jonathan Valencia Oscar Moss
39	Chemistry and Nanoengineering I	Muir Room	Dr. Michael Sailor	Howard Kuo Cassidy Sullivan Mauro Gascon Shota Nozaki
40	Repression and Resistance	Red Shoe Room	Dr. Philip Roeder	Mia Elliott Aidan Yunzhen Lin-Tostado Jingyi Chen Minh Tuan Nguyen

41	Astronomy and Astrophysics II	Warren	Sean Pike	Annika Feng Dani Guerra Sánchez Marylin Loritsch Mai Nguyen
42	Inflammation and Pain	Student Services Center, Room 260	Dr. Darren Casteel	Cecilia Valladolid Ryan Phan Kyle Walter Gisel Larios
43	Cellular Transport and Signaling	Student Services Center, Room 300	Jeffrey Keller	Micaela Moreira Neil Liu Hanan Zhang Lucas Ayala Hernandez
44	Chemistry and Biochemistry	Student Services Center, Room 400	Ava Henry	Allison Garavito Siena Quinn Ellen Mathews
45	Traumatic Brain Injury, Reinforcement, and Decision-Making	Student Services Center, Room 554	Chih-An Bian	Catharine Tian Bri Newton Tristan David Isa Camacho

Wednesday Afternoon Session II: 2:15 – 3:15 PM

Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
46	Oceanography, Geoscience, and Atmospheric Science	Bear Room	Dr. Doug Bartlett	Christopher Valerio Ming Chang Atsushi Osawa Riti Paul
47	Meeting Challenges to Academic Success	Dance Studio	Dr. Rochelle Smarr	Nam Nguyen Rachel Bevis Gisselle Martin Samantha Rone
48	Electrical and Computer Engineering II	East Ballroom	Jason Stanley	Yichen Yu Luke Wittemann David Sung April Hsu
49	Neuroscience and Neurobiology II	ERC Room	Dr. Cole Ferguson	Ananya Krishnan Sophia Naumann Bianca Frias Gizem Altinok
50	Brain and Body	Forum	Rosalva Gonzalez	Shivani Kedila Stephanie Ugochukwu Manjot Kaur Saba Heydari Seradj
51	Machine Learning and Control	Governance Chambers	Annabella Macaluso	Nathan Venier Pranav Reddy Mustahsin Zarif Ludwig Von Schoenfeldt
52	Nanoparticles and Drug Delivery	Green Table Room	Hayley Fong	Fernanda Siordia Julia Geddy Isha Seth Patrick Smith
53	Plant Biology and Ecology	Marshall Room	Dr. Morgan Mouchka	Samantha Dyer Malleeka Suy Edgar Valdez Juliana Loaiza
54	Chemistry and Nanoengineering II	Muir Room	Dr. Michael Sailor	Michael Hubbard Shayan Mukherjee Chaniay O'Brien Caasi Lampkin
55	Physics and Materials Science	Red Shoe Room	Dr. Jerome Orosz	Tesa Manto Richey Li Nika Bondar Zachary Sherman

56	Chemistry: Engineered Living Materials and Sustainability	Warren Room	Ava Henry	Thomas Frisch Emily Fan Mariana Galeano Milena Zeru
57	Pregnancy and Placental Development	Student Services Center, Room 260	Dr. Darren Casteel	Sayed Sadaat Arya Tanksale Ian McNellis Jessica Ly
58	Computer Science: Biomedical Applications	Student Services Center, Room 300	Debora Villalvazo	Arnav Saxena Yijie He Terri Tai Yeng Her
59	Microbiome	Student Services Center, Room 400	Jeffrey Keller	Rishi Yalamarty Erin Jang Zainab Fatima Erica Rodas Montejo
60	Chemical Engineering and Electrochemistry	Student Services Center, Room 554	Thomas K. Brown	Christopher Potts Anthony Ta Fourth Manaanuntakul Malia Monge

Wednesday Afternoon Session III: 3:30 – 4:30 PM

Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
61	Neurodevelopmental Disorders	Bear Room	Dr. Federica Klaus	Guha Sundaram Kevin Landaverde Myrren Agabao Andrea Melendez
62	Impacts of New Ways of Seeing	Dance Studio	Annelise Sklar	Everlynn Khamjoi Sean McDowell Aaron Price Caren Aguirre
63	Electrical and Computer Engineering: Optics and Sensors	East Ballroom	Jason Stanley	Samdrea Hsu Anna Hsu Natalie Reyes Leah Milner
64	Milk and Medicine	ERC Room	Dr. Amy Non	Aditya Kollipara Varsha Beldona Erika Yu Peyton Cleaver
65	Chemical and Nanoengineering III	Forum	Dr. Karcher Morris	Gaia Quaranta Austin Tran Ryan O'Hara Selene Tang
66	Computer Science and Engineering II	Governance Chambers	Yue Yin	Aditya Krishnamoorthy Allison Hwang Chengkai Yao Roger Lin
67	Mental Health	Green Table Room	Megan Mulhinch	Ana Zamudio Fatima Campos Jenna Walsh
68	Education in STEM Fields II	Marshall Room	Morgan Mouchka	Zella Garrido Kaleigh Beachler Abigail Morrison Karen Julian
69	Chemistry and Nanoengineering III	Muir Room	Dr. Michael Sailor	Joana De La Torre Mary Grace Gorman Matthew Choi Miguel Javiel
70	Physics, Astrophysics, and Earth Science	Red Shoe Room	Dr. Jerome Orosz	Ethan Baker Ashley Thorshov Mengke Zhang Holden Bauer

71	Chemistry: Energy Storage and Electrochemistry	Warren Room	Dr. Randy Dumas	Julian Reinhart Aaron Levy Greta Feague Edrian Kabiling
72	Women's and Neonatal Health	Student Services Center, Room 260	Dr. Gail Heyman	Cadence Seymour Ella Rust Aran Zakeri
73	Social Behaviors, Empathy, and Intentions	Student Services Center, Room 300	Lilibeth Flores	Seung Yeon Cha Ruby Tseng Mikaela Kjernaas Yazmin Ortega
74	Biomaterials and Tissue Engineering	Student Services Center, Room 400	Dr. Darren Casteel	Anna Johnson Alpher Aspiras Angela Deanne Paloma Michael Julian

Thursday Morning Session I: 9:15 – 10:15 AM

Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
75	Gene Regulation and Epigenetics	Bear Room	Assael Madrigal	Karen Wang Xinyi Zhang Brandon Fuller Louie Zhao
76	Health Behaviors and Outcomes	Dance Studio	Rosa Tejada	Samantha Terauds Troy Tektonopoulos Celine Khachiki Mary Tatarian
77	Finding Community	East Ballroom	Berenice Jau	Gloria Sosa Yesika Menera Kendra Sanchez Lucia Rejzek
78	Neurocognitive and Neuropsychiatric Disorders	ERC Room	Elizabeth Vazquez	Leeann Shu Veronica Hernandez Courtney Machler
79	Photochemistry and Photoluminescence	Forum	Moisés Ibarra Miranda	Glenda Chen Almeera Siddiqui Anastasia Egoudine
80	Genetic Manipulation through CRISPR	Governance Chambers	Dr. Chengbiao Wu	Brooke Michalik Ellyse Ku Zoie Andre Simon Joseph
81	Circadian Rhythms and Metabolic Regulation	Green Table Room	Daniel De Magalhaes Filho	Arvie Cabal Harshitha Palacharla Connor Reynoso Spurrier Matthew Le
82	Astronomy and Astrophysics III	Marshall Room	Dr. Adam Burgasser	Leo Intrilligator Camila Martinez Sky Zhou Madison Fierro
83	Computer and Data Science: Deep Learning	Muir Room	Annabella Macaluso	Milan Suresh Runpeng Jian Andrew Yuan

84	Cancer Research and Disparities	Red Shoe Room	Natalie Tagge	Jacob Hizon Jenna Garcia Matthew Spencer Manal Mohamed
85	Substance Use	Warren Room	Dr. Tal Waltzer	Brianna MontesDeOca Julie Qian Giselle Calvillo Sarah Hasheem
86	Cancer Biology II	Student Services Center, Room 260	Dr. Cole Ferguson	Sophia Xie Annie Do Alanna Sun Natalie Kaplanyan
87	Developmental Psychology	Student Services Center, Room 300	Esmeralda Salas	Ray Yin Bryelle Valdivia Starla Thomas Nirali Kantawala
88	Astrocytes and Aging	Student Services Center, Room 400	Barbara Calabrese	Sherlyn Sanchez Sandoval Setareh Metanat Arturo Avalos Taylor Tran

Thursday Morning Session II: 10:30 – 11:30 AM

Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
89	Protein Interactions and Biotechnology	Bear Room	Assael Madrigal	Drake Jimenez Hosanna Menghis Julia Vazquez Bianca Lopez
90	Physical and Inorganic Chemistry	Dance Studio	Michael Sailor	Yifan He Benjamin Savala Olivia Caldwell Ofure Osunbor
91	Classrooms and Culture	East Ballroom	Rosa Tejada	Karen Hurtado-Mendez Lena Oslund Angelie Barrios De La Cruz Tyann Reneau
92	Neurobiology and Neurodegeneration	ERC Room	Adam Burgasser	Carina Rocha Bridget Wong Bryan Pencyla Elle Epstein
93	Robotics and Autonomous Vehicle Control	Forum	Dr. Karcher Morris	Van Huang Marvin Cruz Gomez Yuelei Li Carolyn Zhang
94	Alzheimer's Disease	Governance Chambers	Dr. Chengbiao Wu	Joshuah Arellano Nessa Jamalian Celeste Morales Angel E. Morales Ceballos
95	Conservation and Monitoring of Large Mammals	Green Table Room	Dr. Doug Bartlett	Gaelila McKaughan Angeles Rios Joseph Andres Carolina Loera
96	Social Interactions and Perceptions	Marshall Room	Colin Trimmer	Van Nguyen Norah Thun Kathy Lai Abby DeSpain
97	Music: Notes in Order and Free	Muir Room	Xelestial Moreno-Luz & Dr. Tom Brown	Lauren Ong Phillip Long Philip Pincencia Anniysh Sivakumar
98	Immune Response and T Cell Function	Red Shoe Room	Natalie Tagge	Kelly Wang Allison Dong Eric Ji Da Wang Benjamin Chen

99	Cellular Regulation and Signaling Pathways	Warren Room	Dr. Lindsey Burnett	Marcos Moline Janelle Duong Xiaoyi Yan Calvin Luu
100	Genetics and Genomes	Student Services Center, Room 260	Dr. Cole Ferguson	Grisha Tamazyan Jane Li Matthew Leslie Shierica Veal Veloria
101	Mathematics and Data Science	Student Services Center, Room 300	Yue Yin	Nathan Venier Marco Bazzani Paola Viviana Campos Haidee Ruvalcaba
102	Microbial Pathogenesis and Viral Biology	Student Services Center, Room 400	Barbara Calabrese	Millie You Nathan Muck Simret Gudat
103	Neurobiology, Psychology, and Cognitive Science	Student Services Center, Room 554	Dr. Sharon Nichols	Sylvia Zuniga Austin Hutton Beverly Mei Edwin Ruiz