



**2023 Summer Research Conference**  
**Presentation Lineup**

<b>Thursday Morning Session I: 9:15 – 10:15 AM</b>				
<b>Panel #</b>	<b>Panel Name</b>	<b>Meeting Space</b>	<b>Moderator</b>	<b>Student Presenters</b>
1	Healthcare: Birth and Children	Bear Room	Dr. Irene Su	Lucia Rejzek Peyton Cleaver Sarah Naughten Rubi Gomez
2	Your Brain on Drugs	Roosevelt College Room	Dr. Gail Heyman	Nora Alammari Manuel Vasconcelos Daisy Hu Late additions: Joel Wilkinson, Marissa Todesco
3	Physics and Chemistry	Green Table Room	Hayley Fong	Daniel Sandoval Evan Huang Mynel Gomez Alvarez Sophia Hsu
4	Nanomaterials and Nanoparticles	Marshall College Room	Dr. Anvita Komarla	Ryan Jones Daniel Ryu Lilyane Stessman Elizabeth Thompson Kenndal Williams
5	Medical Applications of Machine Learning and Data Science	Red Shoe Room	Chandramouli Rajagopalan	Leah Moylan Giselle Perez Megha Kumar Gisel Larios Saathvik Dirisala
6	Gut Disorders	Revelle College Room	Leigh-Ana Rossitto	Amber Lawrence Christopher Huerta Maddie Mitchell Mohammad Sadegi
7	Ecology and the Effects on Ocean Fauna	Muir College Room	Dr. Heather Daly	Kori Yun Saloni Dangre Anabell Espinosa Chris Zhang Cecilia Ma Li
8	Stem Cells and Regenerative Medicine	Dance Studio	Dr. Laura Newman	Ashley Sevier Gloria Udogu Sarah Chavez Clarissa Jacobo Hernandez Svetlana Kuznyetsova

9	Social Psychology: Identity and Perception	Forum	Eva Zhang	Briana Gomez Alfonso Godínez Aguilar Gabriella Salvador Jacobó Cortes Chester Olaes
10	Teaching and Learning	Governance Chambers	Prof. Adam Burgasser	Lia Sanchez Ruqshana Amiri Girma Terfa Kevin Ly & Mollie Jordan
11	Music and Theatre	Sixth College Room	Ms. Jeanne Rawdin	David Raymond Mendoza Joe'l Reyes Joshua Páez Claire McNerney
12	Computer and Data Sciences I	East Ballroom	Dr. Wei Sun	Hojin Chang Julia Epshtein Molly MacLaren
13	Medicine and Medical Applications	Student Services Center, Room 260	Tori Ribbens	Alyssa Olivares Jennifer Shin Ericsson Cao Pranati Denduluri
14	Healthcare: Cancer Inequities	Student Services Center, Room 300	Dr. Elaine Tanaka	Brenda Ochoa Alyssa Zhang Duncan Hong Irisa Jin Emily Smith

Thursday Morning Session II: 10:30 – 11:30 AM				
Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
15	Cancer	Bear Room	Dr. Irene Su	Alex Lee Matthew Uzelac Esperanza Quiñones Baltazar Anna Rapp Garrett Feng
16	Women's Health	Roosevelt College Room	Dr. Kathleen Fisch	Arya Lalezarzadeh Hector Chavez Samira Feili Marjorie Pradhan Julian Rodriguez
17	Robotics Engineering	Green Table Room	Dwait Bhatt	Jason Stanley Alex Lu Matthew Kim Kaitlyn Lavarias & Nina Sediki
18	Intersections of Bioscience and Engineering	Marshall College Room	Dr. Anvita Komarla	Kristopher Ngo Erin Shen Yair Diaz Arlan Aquino Camilla Hong
19	Mathematics, Data Science, and Machine Learning	Red Shoe Room	Chandramouli Rajagopalan	Thomas Allen Mica Li Nhat Pham Emmanuel Gutierrez Colin Tran
20	Motor Neurons and Movement	Revelle College Room	Leigh-Ana Rossitto	Aakash Bhegade Madelyn Peck Nadeen Youhanan Jared Stearns
21	Biomedical Applications of Silicon Nanoparticles	Muir College Room	Ji Ho Park	Ethan Lucsik Ahmad Turkistani Thomas Sendino & Anais Johnson
22	Electrical and Computer Engineering I	Forum	Haoxing Du	Kobe Yang Meihui Liu JD Heidenrich Sonny Cao
23	Galaxies and Stars	Governance Chambers	Prof. Adam Burgasser	Bretton Simpson Weston Chester Joman Wong Haley Steuber Camille Dunning

24	Healthcare: Literacy and Communication	Sixth College Room	Dr. Betty Ramirez	Joshua Hartman Sara Gonzalez Jenna Garcia Natasha Bisarya Bianca Chen
25	Computer and Data Sciences II	East Ballroom	Dr. Wei Sun	Ulia Zaman Latanya Khissy Beyniouah Ryan Kosta Melody Gill & Kristin Ebuengan
26	Biomedical Sciences	Student Services Center, Room 260	Tori Ribbens	Jerry Wu Adie Parinas Mya Verrett Dhruvi Desai Athena Wu
27	Racial and Ethnic Inequities	Student Services Center, Room 300	Dr. Elaine Tanaka	Fatima Maciel Anakaren Perez Alyson Otañez Alycia Raya Leslie Vallejo-Avila

Thursday Afternoon Session I: 1:00 – 2:00 PM				
Panel #	Panel Name	Meeting Space	Moderator	Student Presenters
28	Language, Communication, and Memory	Bear Room	Dr. Tal Waltzer	Jonathan Rodriguez Jose Beltran Britney Martinez Constanza Perez Romero
29	Biological Studies Involving the Microbiome	Roosevelt College Room	Dr. Omar Mesarwi	Cathy Chen Marisol Paulino Rishi Yalamarty Ella Ryan
30	Astronomy and Astrophysics	Green Table Room	Prof. Adam Burgasser	Krystyn Roldan Efrain Alvarado Gavin Zhao Sky Zhou Hunter Brooks
31	Aging in Metabolism and Mitochondria	Marshall College Room	Dr. Darren Casteel	Sirasit Prayotamornkul Joseph Romero Shaun Konganda Adrian Arciniega Katrina Jensen
32	Neurodegenerative Diseases	Red Shoe Room	Dr. Melinda Owens	Calvin Xiao Vincent Hernandez Katie Prinkey Jazlynn Meza Neha Athavale
33	Migration	Muir College Room	Dr. Heather Daly	Leticia Guzman Nadia Celaya Carrillo Akelah Reeves Josue Vega-Jungo Genesis Lopez Morales
34	Molecular Biology I	Dance Studio	Dr. Kathleen Fisch	Raghad Albawab Nam Nguyen Daniel John Yao Bi Vita Chou
35	Electrical and Computer Engineering II	Forum	Prof. Michael Coblenz	Junyi Xu YungYi Sun Sharfa Pital Sativik Singh Ariel Jeon
36	Oceanography and Geochemistry	Governance Chambers	Prof. Doug Bartlett	Noah Brown Brian Ferrante Elise Miyahara George Lee Sneha Korat

37	Neurodevelopment	Sixth College Room	Dr. Melissa Campbell	Leanna Rondon Ananya Achanta Samuel Khan Kevin Moreno
38	Computer and Data Sciences III	East Ballroom	Cyril Gorlla	Evelyn Yee Ishita Kakkar Ali Alani Samantha Prestrelski Marco Bazzani
39	Silicon Nanoparticles	Student Services Center, Room 260	Paula Kirya	Colby Rambo Seyeon Park Miranda Zhou & Julia Stoneburner
40	Organic Chemistry	Student Services Center, Room 300	Ava Henry	An Truong John Greene Jose Lucas Amber Williams Carlos Villalobos Nava

**Thursday Afternoon Session II: 2:15 – 3:15 PM**

<b>Panel #</b>	<b>Panel Name</b>	<b>Meeting Space</b>	<b>Moderator</b>	<b>Student Presenters</b>
41	Learning and Education	Bear Room	Dr. Tal Waltzer	Jessica Benson Jaylen Allison Lucy Ishkhanian & Andrew Salcedo Alvarez
42	Public Health	Roosevelt College Room	Dr. Omar Mesarwi	Zaira Leal Joseph Sadiki Coby Dodson Nicolas Morales Megan Hosfield
43	Materials Science and Engineering	Green Table Room	Bingyuan Bai	Rohan Nambimadom Alex Lopez David Sung Sascha Stevens & Matt Dulansky
44	Medicine and Viruses	Marshall College Room	Dr. Darren Casteel	Hillary Calderon Kristin Nghiem Austin Gou Meline Norquist & Kyle Thomas
45	Neuroscience and Behavior	Red Shoe Room	Dr. Melinda Owens	Brookelyn Reed Kelbi Banducci Alexandra Garcia Edwin Ruiz
46	Materials Science	Revelle College Room	Dr. Adriana Nava Vega	Joshua Evans Kayla Pham Ashley Thorshov & Holden Bauer
47	Developmental and Cell Biology	Muir College Room	Prof. Vu Nguyen	Gloria Renaudin Monsserrat Pallan Shannon Cao Shreya Chandrasekhar Esmeralda Rico
48	Molecular Biology II	Dance Studio	Nkechinyere Iroanusi	Derrick Labidou Kaitlyn Ng Elijah Khalil Rosales Farah Haleem Sanjana Korpai
49	Electrical and Computer Engineering III	Forum	Dr. Ece Bayram	Aniket Bhosale Michael Shao Runpeng Jian Merlin Zhang & Emma Zhu
50	Atmospheric Chemistry	Governance Chambers	Prof. Doug Bartlett	Jenille Cruz Steven Flemig Justin Han Madison Beltran

51	Neurobiology and Neuroscience	Sixth College Room	Dr. Melissa Campbell	Mayra Mendiola Esaul Garcia Aren Khachatryan Verina Leung
52	Mechanical and Aerospace Engineering	East Ballroom	Dr. Kai Qian	Anna Nguyen Savannah Rhoades Tin Nguyen Preston Gomersall & Devanshi Jain
53	Physical Chemistry and Nanotechnology	Student Services Center, Room 260	Paula Kirya	Angeline Kim Jacob Mapa Eduard Shkulipa Ian Jayachandran & Will Zhao
54	Neurological Studies on Alzheimer's	Student Services Center, Room 300	Dr. Christine Smith	Laura Noronha Monica Jensen Amanda Gonzalez Michelle Gomez Guadalupe Rodriguez



**Friday Morning Session I: 9:15 – 10:15 AM**

<b>Panel #</b>	<b>Panel Name</b>	<b>Meeting Space</b>	<b>Moderator</b>	<b>Student Presenters</b>
55	Mental and Physical Well-being and Healthcare	Bear Room	Oliva Mota Segura	Olivia Young Brandi Dickens Joseph Awad Nicole Bardales Seth Almaraz
56	Medical Applications of Engineering	Roosevelt College Room	Dr. Yatish Turakhia	Matisohn Huynh Grace Jin Tina Tahiraj Girish Krishnan & Carolyn Zhang
57	Fat and Metabolism in Health	Green Table Room	Dr. Oksana Polesskaya	Sunny Zhu Angela Liu Farid Akhavan Rezayat Cindy Xu Saba Heydari Seradj
58	PTSD and Fear	Marshall College Room	Dr. Jessica Bomyea	Christian Cortes Sara Northup Linisa Williams Josh Park Tanzi Terry
59	Lung Health	Red Shoe Room	Dr. Nicholas Thiault	Aatash Pestonjampasp Josue Castellanos Justin Xu Shruti Magesh
60	Work and Education	Revelle College Room	Alexis Reed	Matthew San Pedro Jesús Medina Alcantar Dannia Saldivar Chen Zhang
61	Nanoengineering and Materials Science I	Warren College Room	Dr. Joaquin Camacho	James Young Eric Oberholtz Emily Infante Thomas Young Ethan Doan
62	Neuroaging, Inflammation, and Repair	Dance Studio	Dr. Michael Rieger	Tyler Diep Colby Fagan Andrea Guerra Chong Leena Al-Jawad Kevyn Aguilar Ramirez
63	Olfaction and Social Cues	Forum	Dr. Chengbiao Wu	Pansée ElGhayati Jonathan Choy David Melendez-Perdomo John Ratliff Crystine Sobrian

64	Higher Education I	Governance Chambers	Dr. Piya Bose	Joana Fang Veronica Liu Dan Sun Simone Wright & Christa Lehr
65	Particle Physics	Sixth College Room	Dr. Randy Dumas	Micah De la Pena Tanya Dwivedi Kaitlyn White Julian Ramirez
66	Cognitive Science, Neuroscience, and Psychology	East Ballroom	Dr. Sarah Creel	Jaden Huynh Jennifer Alvarez Brenda Meza
67	Climate and Plant Studies	Student Services Center, Room 260	Taryn Broe	Tulio Magana Aaron Saavedra Samantha Dyer Joe Kesler
68	Biochemistry	Student Services Center, Room 300	Patrick Yorkgitis	Andres Vasquez Cat Avarvarei Grace Medina Perez Paris Eberwein

**Friday Morning Session II: 10:30 – 11:30 AM**

<b>Panel #</b>	<b>Panel Name</b>	<b>Meeting Space</b>	<b>Moderator</b>	<b>Student Presenters</b>
69	Autism	Bear Room	Oliva Mota Segura	Cameron Manard Stephanie Washburn Veronica Gutierrez Jerilyn Dickens
70	Computational Biology	Roosevelt College Room	Dr. Yatish Turakhia	Ellen Wrightsman Brandon Krieg Pranava Gande Kenya Espinoza
71	Genome Editing	Green Table Room	Dr. Oksana Polesskaya	Pablo Segundo Harry Li Tina Tebyanian Rosa Chavez
72	Social Interactions	Marshall College Room	Mr. Jesús Ayala-Candia	Ivan Ramirez Oscar Cerpa Avina Sarah Flores Ella Say Yao Yu
73	Immunology	Red Shoe Room	Dr. Nicole Scharping	Gabriella Ceron Allison Cafferata Megha Srivatsa Kyle Walter Samvel Gaboyan
74	Political Science	Revelle College Room	Dr. Phil Roeder	Brianna Angulo Delbert Longino Jingyi Chen Noah Balderrama
75	Nanoengineering and Materials Science II	Warren College Room	Dr. Joaquin Camacho	Yulianna Estrada Jordan Bunch Hailey Tran Deiya Paul Rohan Luthra
76	Child Development and Social Interaction	Dance Studio	Mr. Stephen Kooshian	Kevin Soto Dominic Jauregui Haynes Nico Navarro Jamie Park Carlos Aguilar
77	Neuroplasticity and Learning	Forum	Dr. Chengbiao Wu	Shayne Mayo Veronica Hernandez Nandini Seth Hannah Kim
78	Higher Education II	Governance Chambers	Dr. Claire Meaders	Cristian Fuentes Hernandez Joaquin Menas Yvania Rubio Yaya Jiang & Richa Kafle

79	Nanotechnology	Sixth College Room	Dr. Michael Sailor	Gio Sarabia Beneen Fune Rita Kret Jadon Salazar
80	Post-translational Modifications in Biology	East Ballroom	Beverly Naigles	Dina Kianiazar Daniela Alonzo Kelly Wang Taújay Davis & Anetzy Bermudez Torales
81	Behavior, Developmental and Evolutionary Biology	Student Services Center, Room 260	Taryn Broe	Mildred Meza Tessa Sterns Anthony Ayala Grant Wass
82	Inorganic Chemistry	Student Services Center, Room 300	Patrick Yorkgitis	Marina Kartono Sarah Ruth Lopez Jenny Lee & Shawn McClure