

## 2022 Student Research Symposium Award Recipients

Provost's Award: Arts and Letters Savannah Taylor College of Arts and Letters Sexual orientation and Self-rated health
Provost's Award: Arts and Letters Michael Rumfola College of Arts and Letters Mapping the Everyday Lives of the Houseless
Provost's Award: Business Vincent Tran Fowler College of Business Digital Innovation Potency in SMEs
Provost's Award: Education Carly DaCosta College of Education Optimizing derivation of decidual-type natural killer cells (dNK) from induced pluripotent stem cells (iPSC).
Provost's Award: Education Maryhanna Leraas College of Education Telepsychiatry for Children and Youth; The Challenges and Benefits
Provost's Award: Engineering Jarod Heise College of Engineering Modeling Failure of Carbon Fiber Polymer Matrix Laminate Composites with Ply Waviness Defects
Provost's Award: Engineering Yazeed Kokash College of Engineering Impact Efficacy of Polyurea Foams for Biomechanical Applications
Provost's Award: Health & Human Services Nyakoach Lam College of Health and Human Services Generational effects of stigma, trauma, and mental illness within the youth in East African Communities“
Provost's Award: Health & Human Services Makenna Sine College of Health and Human Services Configuration and Engagement During Novel Word Learning in School-Aged Children
Provost's Award: Imperial Valley Campus Erika Gutierrez SDSU Imperial Valley Using Machine Learning Models to Predict Function Values

<p>Provost's Award: Imperial Valley Campus  Mariela Ponce  SDSU Imperial Valley  Highest Rated Films Over a Thirty Year Period: A Statistical Analysis of the Significant Predictors of a Film's Rating</p>
<p>Provost's Award: Professional Studies &amp; Fine Arts  Sheridamae Gudez  College of Professional Studies and Fine Arts  Using Social Disorganization Theory to Understand Police-Community Interaction in a Multi-Ethnic City: A Quantitative Study on Police Behavior in San Diego</p>
<p>Provost's Award: Professional Studies &amp; Fine Arts  Alexandra Spencer  College of Professional Studies and Fine Arts  Examining the Emotional Labor Performed by Probation and Parole Staff</p>
<p>Provost's Award: Sciences  Cayleen Bileckyj  College of Sciences  Establishing the Role of the Conserved TN Domain in Tinman</p>
<p>Provost's Award: Sciences  Elguja Gojiashvili  College of Sciences  Bifunctional phosphines bearing oxygenated substituents, and their metal complexes for anti-Markovnikov addition of hydroxylic compounds to alkenes</p>
<p>Library Award  Emma Tsztoo  College of Sciences  Employee Experience with Digital Transformation: From Culture Readiness to Active Participation</p>
<p>Library Award  Jacqueline Erdkamp  College of Health and Human Services  Effects of Exercise Intensity on Cardiometabolic Health in Individuals with Spinal Cord Injuries (SCI): a Systematic Review</p>
<p>Library Award  Samantha Rae  College of Sciences  The Association Between Economic Stress and Episodic Memory</p>
<p>Library Award  Christine Jacobites  College of Arts and Letters  The World's First Attempt at Monotheism? A Closer Look at Akhenaten's Religious Reforms</p>
<p>Dean's Award: Arts and Letters  Denisse Vera  College of Arts and Letters  Female Genital Mutilation in Kenya in comparison to Somalia</p>

<p>Dean's Award: Arts and Letters  Catherine Drzewiecki  College of Arts and Letters  Amerasain Diplomacy (or Lack Thereof): The Cold War Relationship Between the United States and the Philippines</p>
<p>Dean's Award: Business  Julia Stasio  Fowler College of Business  Mapping the Everyday Lives of the Houseless</p>
<p>Dean's Award: Business  Timothy Seitola  Fowler College of Business  Digital Entrepreneurial Mindset</p>
<p>Dean's Award: Education  Lucyann Atkins  College of Education  "What does it mean to be a anti-racist science educator and what does it look like?": A Cross-Case Study on Teacher Candidates' Anti-Racist Science Teaching Conceptualizations</p>
<p>Dean's Award: Education  Rosa Tejada  College of Education  STEM Experiential Learning at Hispanic Serving Institutions: Latinx Servingness</p>
<p>Dean's Award: Engineering  Stephania Moreno  College of Engineering  Numerical Nonlinear Analysis of Reinforced Concrete Structures</p>
<p>Dean's Award: Engineering  Adrian Rivera  College of Engineering  Sensitivity Analysis of Geometric Imperfection Sources in Aluminum Honeycomb Cores on Compression Mechanical Behavior</p>
<p>Dean's Award: Health &amp; Human Services  Amanda Laird  College of Health and Human Services  Reliability of Speech Sound Transcriptions in Teletherapy</p>
<p>Dean's Award: Health &amp; Human Services  Brittney Seidemann  College of Health and Human Services  Aging out of dependent coverage and health insurance trends</p>
<p>Dean's Award: Imperial Valley Campus  Andrea Van Bebber  SDSU Imperial Valley  COVID-19 Vaccine Hesitancy among Mexican-Americans in the Imperial Valley</p>
<p>Dean's Award: Imperial Valley Campus  Carlos Fitch  SDSU Imperial Valley  An archival exploration of San Diego State University - Imperial Valley Growth</p>

<p>Dean's Award: Professional Studies &amp; Fine Arts  Shaylee Anderson  College of Professional Studies and Fine Arts  Chronically Online: An Analysis of Parasocial Relationships</p>
<p>Dean's Award: Professional Studies &amp; Fine Arts  Nicolas Gutierrez III  College of Professional Studies and Fine Arts  Services, Not Sweeps: Community Responses to City-Sanctioned Homeless Encampment Sweeps in Los Angeles, CA</p>
<p>Dean's Award: Sciences  Abbie Rieder  College of Sciences  Fundamentals of Vaping-Associated Pulmonary Injury Leading to Severe Respiratory Distress</p>
<p>Dean's Award: Sciences  Marissa Balagtas  College of Sciences  Analysis of the links between bound divalent cation and a 10 helix conformation in x-ray crystal structures of human and mouse isocitrate dehydrogenase I</p>
<p>Undergraduate Research Excellence Award  Samantha Tasman  College of Sciences  Investigating How Prenatal THC, Nicotine, and Combination of Both Affects Sensorimotor Maturation in Rats</p>
<p>Undergraduate Research Excellence Award  Sydney Olfus  College of Sciences  Parental Attitudes on Genetic Testing on Pediatric Cancer Patients</p>
<p>Undergraduate Research Excellence Award  Pria Bose  College of Sciences  Short-Term Exercise Blunts Vaping Induced Pulmonary Injury</p>
<p>Undergraduate Research Excellence Award  JJ Rezaei  College of Professional Studies and Fine Arts  Trans Representation in Video Games</p>
<p>Undergraduate Research Excellence Award  Shea O'Donnell  College of Sciences  Comparing Suicidality and Attachment Styles within a Sample with Adverse Childhood Experiences</p>
<p>Undergraduate Research Excellence Award  Amber Davis  College of Health and Human Services  Racial/Ethnic and Gender Differences of Cigarette Smoking Rates: California Compared to Tobacco Growing States</p>

<p>Undergraduate Research Excellence Award  Anna Kelley  College of Arts and Letters  Underappreciated Labor: College Students and the Job Search</p>
<p>Undergraduate Research Excellence Award  Julia Lyell  College of Professional Studies and Fine Arts  All Gays Go to Heaven</p>
<p>Undergraduate Research Excellence Award  Elijah Sowunmi  College of Engineering  Study of Bench Scale Anaerobic Digesters for the development of improved onsite and mobile sanitation solutions</p>
<p>Undergraduate Research Excellence Award  Claire Wu  Fowler College of Business  Cybersecurity and Risk Initiative in Big Accounting Firms: An Experimental Perspective</p>
<p>Summer Undergraduate Research Program (SURP) Award  Rebekah Alvarado  College of Arts and Letters  Systematic Review Process</p>
<p>Summer Undergraduate Research Program (SURP) Award  Lily Harrison  College of Sciences  Developmental exposures to non-nutritive sweeteners impact pancreatic development in the zebrafish, Danio rerio</p>
<p>Charles Wei-hsun Fu Foundation Philosophy Award  Mariel Valle  College of Arts and Letters  The Conundrum of Child Upbringing</p>
<p>Arts Alive Award  Dayne Sakazaki  College of Professional Studies and Fine Arts  Yoko Ono &amp; Fluxus: Blurring Boundaries, Creating Value</p>
<p>Outstanding Creative and Performing Arts Award  Nancy Bahena  College of Arts and Letters  Latinas in San Diego Informal economies during the COVID-19 pandemic</p>
<p>Research Award for Diversity, Inclusion and Social Justice  Sara Rodrigue  College of Health and Human Services  Pilot Testing a Field Assessment Tool to Assess Inequity in Public Restroom Access and Quality</p>
<p>Research Award for Diversity, Inclusion and Social Justice  Dania Abu Baker  College of Health and Human Services  Intergenerational trauma and substance use: A qualitative study exploring substance use within the East Africa community in San Diego, California</p>

<p>Research Award for Diversity, Inclusion and Social Justice  Kayla Daniels  College of Arts and Letters  Yearning to Breathe Free Air: Black Towns in the American West, 1870-1920</p>
<p>Research Award for Diversity, Inclusion and Social Justice  Catalina Torres  College of Health and Human Services  Qualitative analysis of the impact of socioeconomic factors on eating disorder risk among transgender and gender diverse young adults</p>
<p>Research Award for Diversity, Inclusion and Social Justice  Ray Cameron Vialu  College of Health and Human Services  The Role of Social Determinants of Health in Veteran Suicide: A Systematic Literature Review</p>
<p>Sustainability Award  Cassidy McCallum  College of Sciences  Anchoring Metal Halide Perovskite Nanocrystals on Single-Wall or Multi- Wall Carbon Nanotubes for CO2 Photoreduction</p>
<p>HSI/AANAPISI Award  Matyas Hanna  College of Sciences  Impact of COVID-19 pandemic restrictions on the start of treatment after cancer diagnosis for patients enrolled in IRB approved study at UC San Diego, Moores Cancer Center Biorepository</p>
<p>HSI/AANAPISI Award  Angel Chukwu  College of Health and Human Services  Do Parenting Behaviors Mediate the Relationship Between Parental Mental Health and Child Weight Status?</p>
<p>Women in Engineering Award  Aubrey Benjamin  College of Engineering  Effects of Pulsatility and Outflow Graft Diameter on Aortic Arch Flow with a LVAD</p>
<p>Women in Engineering Award  Danielle Hunt  College of Engineering  Modeling the effects of fire and vegetation management on flooding and sediment transport in an urban stream system</p>
<p>Women in Engineering Award  Kaylin Borders  College of Engineering  Fuel-Optimal Powered Descent for Human Mars Missions</p>
<p>President's Award for the Arts  Alexander Zimmerman  College of Professional Studies and Fine Arts  American Hero</p>

<p>President's Award Michelle Jeliaskov College of Arts and Letters Crime Reporting and the Formation of Place Identity in Cape Town Communities</p>
<p>President's Award Amanda Alker College of Sciences Genetic examination of a coral settlement chemical from bacteria</p>
<p>President's Award Karanjot Kaur College of Education A Mixed-Methods Examination of Colorism in the Context of Indian Children.</p>
<p>President's Award Alan Castro SDSU Imperial Valley An Imperial Valley student's testimonio: Experiences from a satellite campus</p>
<p>President's Award Pamela deVega College of Arts and Letters Spreading the Love: Comparing the 1986 Nonviolent Revolution in the Philippines to the 1989 Velvet Revolutions in Eastern Europe</p>
<p>President's Award Cynthia Solomon College of Health and Human Services A Novel Sentiment Analysis Approach for Investigating Empathic Communication in Adults with Chronic Musculoskeletal Pain in an Outpatient Physical Therapy Setting</p>
<p>President's Award Karina Pastrana College of Sciences Modeling Non-Alcoholic Fatty Liver Disease in hIPSC Derived Hepatocytes</p>
<p>President's Award Maximus Miesner College of Arts and Letters Who He Is: The Trials, Tribulations and Triumphs of David Ruffin's Post-Temptation Career</p>
<p>President's Award Karen Thomas College of Sciences Choline Supplementation Mitigates Effects of Prenatal THC Exposure on Spatial Memory in Rats</p>
<p>President's Award Melanie Nicholls College of Health and Human Services The Research to Practice Gap: Exploring the attitudes toward evidence-based practices in substance use providers</p>