

GRADUATE RESEARCH & CREATIVE WORKS SHOWCASE

Presented by the
Division of Graduate Studies



designed to provide a visually pleasing solution to the problem of home composting. It reduces odors, minimizes fruit flies, and eliminates the need for worrying about composting and once it is in a mandatory composting. The research helped eliminate several of the headaches of the composting process by making indoor composting a pleasant process all around.

Concept by Barkha Sisodia, MA Industrial Arts



SAN FRANCISCO
STATE UNIVERSITY

APRIL 20, 2017

Cover Image: Design research by
2016 CSU Research Winner,
Barkha Sisodia (MA Industrial Arts)

31st Annual California State University Research Competition

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2017 Graduate Research and Creative Works Showcase

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Special Thanks

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31st Annual California State University Research Competition

Campuswide Winners of the CSU Student Research Competition

Analisa Brown

Biology

Investigating the Experiences of Black Students Studying Biology at SFSU

Faculty Mentor: Kimberly Tanner

Graduate Student

Alexandra Conrad

Classics

Three-Headed Hound of the Moon: A Comparative Look at the Roles of Hecate in the Ancient and Modern Worlds

Faculty Mentor: Alexandra Pappas

Undergraduate Student

Emily Farris

English

*"This we prescribe though no physician:"
Embodying History in Shakespeare's Second Tetralogy*

Faculty Mentor: Gitanjali Shahani

Graduate Student

Kelly Hood

Kinesiology

Validity and Reliability of Body Composition Techniques in Healthy Adults

Faculty Mentors: Marialice Kern, Matt Lee, and James Bagley

Graduate Student

Lan Ma

Earth and Climate Sciences

Shed Light on Tree-Ring Reconstructed Temperatures: Influence of Competition on Growth in a High-Sierra Treeline Environment

Faculty Mentor: Alexander Stine

Graduate Student

Alec Maxwell

Engineering

Innovative Mobile Remote Shake Table Laboratory

Faculty Mentor: Zhaoshuo JIang

Undergraduate Student

Daniel Pearlstone

Communicative Disorders

The Effect of Extracurricular Activities on Social Participation of Children on the Autism Spectrum

Faculty Mentor: Betty Yu

Graduate Student

Lamar Pi

Industrial Arts

MODU, Design for All

Faculty Mentor: Ricardo Gomes

Undergraduate Student

Jackson Reeder

Earth and Climate Sciences

Kyanite-Bearing Migmatites

Faculty Mentor: Mary Leech

Graduate Student

Visakha Som

Public Administration

Can Meals on Wheels improve health outcomes and reduce hospitalizations in older adults?

Faculty Mentor: Jennifer Shea

Graduate Student

College of Business

Economics

Julisa Franco	<i>Effect of Airbnb Host Race on Listing Prices</i>	Faculty Mentor: Venoo Kakar
Estevan Lopez	<i>The Effectiveness of Media Promotion for Problem Gambling in the Chinese Community</i>	Faculty Mentor: Venoo Kakar

Graduate College of Education

Communicative Disorders

Susanna Ketron	<i>Preparation and Confidence of Speech-Language Pathologists in the Specialty Area of Voice: A Survey Study</i>	Faculty Mentor: Teresa Gray
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Early Childhood Education

Kaile Thomas	<i>Building Strengths in Young Children through a Resiliency Framework of Everyday Actions</i>	Faculty Mentor: Mina Kim
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Equity, Leadership Studies, and Instructional Technologies

Peter Wright	<i>Technology-Enhanced Wilderness First Aid Instruction</i>	Faculty Mentor: Patricia Donohue
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College of Ethnic Studies

Ethnic Studies

Jose Lumbreras	<i>Indigenous Land Dispossession and Urban Development in South Los Angeles</i>	Faculty Mentor: Amy Sueyoshi
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College of Health & Social Sciences

Consumer and Family Studies/Dietetics

Tiffany Epperson	<i>The Effects of the Gluten Free Fad Diet on American Adults with Biopsy-Confirmed Celiac Disease</i>	Faculty Mentor: Gretchen George
Adi Fish	<i>The Association between Added Sugar Consumption and Major Depression in Adult Women</i>	Faculty Mentor: Gretchen George

Consumer and Family Studies/Dietetics (continued)

Carines Nevalga	<i>The Effectiveness of a Smartphone Application-Based Wellness Program among Participants with Pre-Hypertension or Hypertension</i>	Faculty Mentor: Gretchen George
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Counseling

Jennifer Debevec	<i>I Love Your Expertise: The Emerging Field of Improv Therapy in Individual and Group Counseling Settings</i>	Faculty Mentor: Patricia Van Velsor
Revae Hitt Other Presenters: Cynthia Yee and Helen Crawford	<i>Clients and Community as Leaders and Experts: An Appreciative Inquiry Lens</i>	Faculty Mentor: Rebecca Toporek
Shola Shodiya-Zeumault Other Presenters: Carla Martinez Lindsey Walker	<i>Narratives of Resistance: Using Narrative-Based Group Therapy to Deconstruct Gendered Racial Microaggressions</i>	Faculty Mentor: Tiffany O'Shaughnessy
Cynthia Yee	<i>Creating a Lens for Healing Combining Feminist Therapy and Critical Race Theory</i>	Faculty Mentor: Karl Kwan
Chelsey Williams	<i>Sharing is Caring? The Decision to Disclose and Withhold Invisible Minority Identities</i>	Faculty Mentor: Alison Cerezo

Gerontology

Lindsay Anglade	<i>Senior Men Off The Streets (SMOTS)</i>	Faculty Mentor: Darlene Yee-Melichar
Yahaira Aviles	<i>Adopt a Senior</i>	Faculty Mentor: Darlene Yee-Melichar
Martin Blanco	<i>Elderly Health Disparities: Translating Research Into Practice</i>	Faculty Mentor: Darlene Yee-Melichar
Natasha Carmona	<i>Elders, Impression Management, and Quality of Life</i>	Faculty Mentor: Darlene Yee-Melichar
Luciana Curtis	<i>Recreation Therapy Opportunities Available to Older Adults in Skilled Nursing Facilities (SNF)</i>	Faculty Mentor: Darlene Yee-Melichar
Tonjalyn Ford	<i>Nonpharmacological Interventions for Behavioral and Psychological Symptoms of Dementia</i>	Faculty Mentor: Darlene Yee-Melichar
Laura Gibson	<i>Life Enrichment Programs in Residential Care Facilities for the Elderly</i>	Faculty Mentor: Darlene Yee-Melichar
Jin Young Lee	<i>Understanding Asian American Adult Children as Caregivers for their Aging Parents</i>	Faculty Mentor: Darlene Yee-Melichar
Kristy Lui	<i>End-of-Life Care: Need for Quality Communication and Person-Centered Planning</i>	Faculty Mentor: Darlene Yee-Melichar
Patricia Mahoney	<i>The Art of Listening-Life Review with Older Adults</i>	Faculty Mentor: Darlene Yee-Melichar
David O'Sullivan	<i>Good Old Fashioned Medicine: Getting Doctors to See Patients in the Home</i>	Faculty Mentor: Darlene Yee-Melichar

Gerontology (continued)

Silvia Sobral	<i>Implementing Age-Friendly City Initiative in Santa Clara County, California Technical Assistance Learnings by the Center for Age-Friendly Excellence</i>	Faculty Mentor: Darlene Yee-Melichar
Eunice Shin	<i>The Effect of Acculturation on Quality of Life in Asian Elderly Immigrants</i>	Faculty Mentor: Darlene Yee-Melichar
Marquita Ridgle	<i>Late Onset Diagnosis of Alzheimer's & the Effect this has on the African American Community</i>	Faculty Mentor: Darlene Yee-Melichar

Health Education

Yamelith Aguilar	<i>Walkability In Latinx Communities: A Latina/o Critical Race Theory Analysis of a Hegemonic Society</i>	Faculty Mentor: Emma Sanchez-Vaznaugh
Akosua Annor-Darkwah	<i>Role of parents in sex education in light of sexualized media content</i>	Faculty Mentor: Richard Harvey
Setie Asfaha	<i>Ensuring an Equitable Learning Environment for our Students of Color through Trauma Informed Universities</i>	Faculty Mentor: Kathleen Mortier
Hannah Pearl Berchenko	<i>Comprehensive Sexual Health Education in California</i>	Faculty Mentor: Mickey Eliason
Nessia Berner		Faculty Mentor: Jessica Tokanaga
Julia Custodio	<i>Empowerment Strategies to Combat Race and Racial Disparities in Higher Education</i>	Faculty Mentor: Vincent Lam
Lana Davila	<i>Reframing Childbirth Practice in the US</i>	Faculty Mentor: Juliana Van Olphen
Claire De Leon	<i>Controlling Bodies: A Political Economy of Reproductive Justice as Examined through Zika</i>	Faculty Mentor: Marty Martinson
Kate Ferguson	<i>The Importance of Dialogue in School-Based Restorative Justice Programs</i>	Faculty Mentor: Laura Mamo
Carla Garcia	<i>Current Immigration Rhetoric and Policy and its Impact on Latino Immigrant Health</i>	Faculty Mentor: Lara Cushing
Julie Gardner	<i>Virginity is Harmful to Health: Addressing Sexual Decision Making in Sexuality Education</i>	Faculty Mentor: Sally Geisse
Cindy Hong	<i>Motherhood in the Times of Neoliberalism</i>	Faculty Mentor: Lara Cushing
Joshua Landicho	<i>The Politics of Renaming: Gentrification is the New Colonialism in the Modern Era</i>	Faculty Mentor: Ruby Turalba
Mariah Ligeralde-Santiago	<i>Addressing Harms of Heteronormative Practices at San Francisco State University</i>	Faculty Mentor: Laura Mamo
Kathy Nguyen	<i>The Challenges College Students with Psychiatric Disability Experience during their Lifetime in Higher Education</i>	Faculty Mentor: Jose Ramon Fernandez Pena

Health Education (continued)

Melissa Peters	<i>Curbing the Rise of Big Marijuana: The Political Economy of Marijuana Legalization</i>	Faculty Mentor: Mickey Eliason
Melinda Prieto	<i>Examining the Rise of Maternal Mortal Rates in the United States</i>	Faculty Mentor: Kendra Klein
Andrew Rodriguez	<i>Shut Up And Listen: Hip Hop Voice as a Source of Knowledge in Cbpr</i>	Faculty Mentor: Jose Ramon Fernandez Pena
Atziri Rodriguez	<i>The Violation of Health and Human Rights: A Critical Examination of the Health Impacts Caused by U.S Immigration Policies in Immigrant Communities</i>	Faculty Mentor: Vivian Chavez
Elizabeth Schoyer	<i>Challenging Addiction Responses and the Political Forces that Hinder Recovery</i>	Faculty Mentor: Lisa Moore
Oluwakemi Shamonda	<i>The New Gentrification and Transformation of Urban Space in The Fillmore</i>	Faculty Mentor: Marty Martinson
Hana Shirriel	<i>The Effect of Microaggressions on the Mental Health of Black Women</i>	Faculty Mentor: Mary Beth Love
Clea Vannet	<i>Bringing Death to Life in Public Health Discourse: A Political Economy Examination of End of Life Care Models</i>	Faculty Mentor: Juliana van Olphen
Justin Wellins	<i>Invisible Population: Food Insecurity in Higher Education</i>	Faculty Mentor: R. David Rebanal

Kinesiology

Dulce Gomez	<i>Active Virtual Reality Games: Are They Really Active? A Study of Metabolic Cost</i>	Faculty Mentor: James Bagley
Alissa Huerta Other Presenters: R. Cruz, A. Huerta, C. Gordon-Murer, D. Gregg, C. Martinez, J. Gonzalez Mejia, S. Machek, A. Marick, M, Patricio, T. Raymundo, J. Steele, and A. Wong	<i>The Effects of Ankle Tape on Vertical Jump Height</i>	Faculty Mentor: Nicole Bolter
Steven Machek Other Presenters: R. Cruz, A. Huerta, C. Gordon-Murer, D. Gregg, C. Martinez, J. Gonzalez Mejia, S. Machek, A. Marick, M, Patricio, T. Raymundo, J. Steele, and A. Wong	<i>The Effects of Ankle Tape on Vertical Jump Height</i>	Faculty Mentor: Nicole Bolter
Kaylie Marsh	<i>Effects of Concurrent Exercise During Simulated Microgravity on Soleus Muscle Fiber Myonuclear Content</i>	Faculty Mentor: James Bagley

Kinesiology (continued)

Alessandra Marick Other Presenters: R. Cruz, A. Huerta, C. Gordon-Murer, D. Gregg, C. Martinez, J. Gonzalez Mejia, S. Machek, A. Marick, M, Patricio, T. Raymundo, J. Steele, and A. Wong	<i>The Effects of Ankle Tape on Vertical Jump Height</i>	Faculty Mentor: Nicole Bolter
Tatiana Mariscal	<i>Mild Traumatic Brain Injury and Intimate Partner Violence in the United States, 1992-2012</i>	Faculty Mentor: Charmaine Mary Lee Hughes
Tatiana Mariscal Other Presenters: R. Cruz, A. Huerta, C. Gordon-Murer, D. Gregg, C. Martinez, J. Gonzalez Mejia, S. Machek, A. Marick, M, Patricio, T. Raymundo, J. Steele, and A. Wong	<i>The Effects of Ankle Tape on Vertical Jump Height</i>	Faculty Mentor: Nicole Bolter
Jose Gonzalez Mejia Other Presenters: R. Cruz, A. Huerta, C. Gordon-Murer, D. Gregg, C. Martinez, J. Gonzalez Mejia, S. Machek, A. Marick, M, Patricio, T. Raymundo, J. Steele, and A. Wong	<i>The Effects of Ankle Tape on Vertical Jump Height</i>	Faculty Mentor: Nicole Bolter
Jordan Overshoun-Hall	<i>Exercise Vs. Consistent Sleep-Wake Schedule: A Sleep Hygiene Feasibility Study</i>	Faculty Mentor: James Bagley and Susan Zieff
Jared Steele Other Presenters: R. Cruz, A. Huerta, C. Gordon-Murer, D. Gregg, C. Martinez, J. Gonzalez Mejia, S. Machek, A. Marick, M, Patricio, T. Raymundo, J. Steele, and A. Wong	<i>The Effects of Ankle Tape on Vertical Jump Height</i>	Faculty Mentor: Nicole Bolter
Brittany Steers	<i>Effects of Compression Socks on Muscle Recovery in Masters Runners</i>	Faculty Mentor: James Bagley
Angelina Wong Other Presenters: R. Cruz, A. Huerta, C. Gordon-Murer, D. Gregg, C. Martinez, J. Gonzalez Mejia, S. Machek, A. Marick, M, Patricio, T. Raymundo, J. Steele, and A. Wong	<i>The Effects of Ankle Tape on Vertical Jump Height</i>	Faculty Mentor: Nicole Bolter

Nursing

Reyzel Altre	<i>Enhancing Quality of Life of Cancer Survivors: Survivorship Care Plan and Education</i>	Faculty Mentor: Wen Wen Li
Caralisa Lacson	<i>Proposed Dental Caries Protocol for Pediatric Primary Care Providers</i>	Faculty Mentor: Mary-Ann van Dam
Caralisa Lacson	<i>Autism in Pediatric Primary Care: Screening Implementation Using the M-CHAT-R/F.</i>	Faculty Mentor: Mary-Ann van Dam

Social Work

Yoly Magallanes Other Presenter: Celina Rivas	<i>Welfare Workers' Readiness to Support Foster Youth in Developing Healthy Intimate Relationships</i>	Faculty Mentor: Sonja Lenz-Rashid
Celina Rivas Other Presenter: Yoly Magallanes	<i>Welfare Workers' Readiness to Support Foster Youth in Developing Healthy Intimate Relationships</i>	Faculty Mentor: Jocelyn Hermoso
Sharon Santos	<i>Developing Trauma-Specific Social Work for Commercially Sexually Exploited Children: A Model of Practice</i>	Faculty Mentor: Jocelyn Hermoso
Lucia Vieira	<i>Advocating for Immigration Reform: Fearful Present, Unknown Future for Mixed-Legal Status Families</i>	Faculty Mentor: Jocelyn Hermoso
Simon Warner	<i>Young Black Men Who Have Sex with Men (aged 13-24) HIV Disparity and Barriers to Accessing Anti-Retroviral Therapy Treatment & PrEP</i>	Faculty Mentor: Jocelyn Hermoso

College of Liberal & Creative Arts

Anthropology

Shane Davis	<i>Prehistoric Ideologies: The Role of Human Representation at the Bronze Age City of Harappa</i>	Faculty Mentor: Douglass Bailey
Stella Dugall	<i>Natural Resistance: Healing and Cultural Consciousness</i>	Faculty Mentor: Peter Biella
Ellie Lobovits	<i>Birth on the Border</i>	Faculty Mentor: Peter Biella
Laura Maldonado	<i>The Archaeology of Obesity: Discourse Analysis and Implications for North American Obesity Research</i>	Faculty Mentor: Douglass Bailey
Paula Ochoa	<i>De Tierra a Tierra: A Biographical Film on My Father's Journey Across the Red Earth</i>	Faculty Mentor: Peter Biella
Dhoryan Rizo	<i>Space, Place and affect in the Latino Ethnoburb of Eastern Contra Costa County</i>	Faculty Mentor: James Quesada
Robin Rome	<i>Master Artist/Master Teacher, South Africa</i>	Faculty Mentor: Peter Biella
Candice Ward	<i>Dress at the Presidio During Spanish Colonial Occupation, 1776-1821</i>	Faculty Mentor: Douglass Bailey

Anthropology (continued)

Saliem Shehadeh	<i>The General Union of Palestine Students at SFSU: Contemporary Experiences of Palestinian and Palestinian-American Youth</i>	Faculty Mentor: James Quesada
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Cinema

Daniel Chein	<i>Basha Man</i>	Faculty Mentor: Johnny Symons
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Creative Writing

Lenore Weiss	<i>The Golem</i>	Faculty Mentor: Chanan Tigay
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English Language and Literature

Sara Felder	<i>Finding the Truth in a Post-Truth World: How and Why to Teach Critical Thinking in First Year Composition</i>	Faculty Mentor: Jennifer Trainor
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Sara Felder	<i>Was Nathan Wise? How a German Play Brought Theatre to Jews During the Holocaust</i>	Faculty Mentor: Joel Schechter
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Ayaka Ihara	<i>Critical Awareness of Voice in Academic Writing: Universality and Multiplicity</i>	Faculty Mentor: Robert Kohls
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Lina Jurkunas	<i>Frozen by Words: Strategies to Cope with L2 Writing</i>	Faculty Mentor: Robert Kohls
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Helena Laranetto	<i>Ideology through sentiment analysis: A changing perspective on Russia and Islam in the New York Times</i>	Faculty Mentor: Anastasia Smirnova
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Michael Parra	<i>Aesthetics & Politics: Let's make it Political!</i>	Faculty Mentor: Wai-Leung Kwok
Sudarshan Ramani	<i>The Representation of Information in the 18th Century</i>	Faculty Mentor: Lynn Wardley

Industrial Arts

Norah Eldredge	<i>Ameaê "Adaptable Tray for Everyday Walker Use"</i>	Faculty Mentor: Hsiao-Yun Chu
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Museum Studies

Anthony Wilson	<i>How Maritime Museums Stay Afloat: Collections Care of Objects for Public Learning</i>	Faculty Mentor: Edward Luby
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Music

Irving Santana Other Presenter: Mikhail Leonitke	<i>Chamber Music</i>	Faculty Mentor: Cyrus Ginwala
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Philosophy

Miranda Tiray	<i>The Undermining of Non-White and Third-World Populations in the Ethics of Immigration</i>	Faculty Mentor: Shelley Wilcox
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Theatre and Dance

Soren Carey	<i>Set Design for the School of Theatre and Dance's Production of "A Midsummer Night's Dream"</i>	Faculty Mentor: John Wilson
Heather Kenyon	<i>Set Design for School of Theatre and Dance's Production of "Chicago"</i>	Faculty Mentor: John Wilson

College of Science & Engineering

Biology

Metadel Abegaz	<i>The impacts of density and competition on the reproductive fitness of intertidal porcelain crab species</i>	Faculty Mentor: Jonathon Stillman
Sam Ayyagari	<i>Assessing Genetic Diversity in Irrawaddy Dolphins (<i>Orcaella brevirostris</i>)</i>	Faculty Mentor: C. Sarah Cohen
Shams Janna Bashar	<i>Characterizing Developmental Delay Caused by Damage to Tissue Progenitor Imaginal Discs in the <i>Manduca sexta</i></i>	Faculty Mentor: Megumi Fuse
Christopher Black	<i>Sex-specific kinetochore features in sperm meiosis</i>	Faculty Mentor: Diana Chu
Amanda Carbajal	<i>Behavior based Neuroactive Drug Discovery</i>	Faculty Mentor: Christopher Moffatt
William Chadwick	<i>Investigating the mechanism of yeast vacuole size regulation and localization in various stress environments</i>	Faculty Mentor: Mark Chan
Fernando Curiel	<i>Endogenous Nitric oxide decreases sensitivity in the nervous system of <i>Manduca sexta</i></i>	Faculty Mentor: Megumi Fuse
Dwayne Evans	<i>Tracking the Evolution of HIV-1 in Participants after Discontinuing PrEP Treatment</i>	Faculty Mentor: Pleuni Pennings
Alison Fisher	<i>Effects of climate change on the relationship between the sea anemone <i>Anthopleura xanthogrammica</i> and its two photosynthetic symbionts</i>	Faculty Mentor: Ed Carpenter
Jason Garcia	<i>Determining Target Genes Regulated by microRNA-206 During Early Skeletal Muscle Development</i>	Faculty Mentor: Carmen Domingo
James Gerh	<i>C. elegans GSP-3/4 Phosphatases Play Essential Regulatory Roles in the Journey from Spermatogenesis to Fertilization</i>	Faculty Mentor: Diana Chu

Biology (continued)

Eric Johnson	<i>Promoting Activity and Stress Reduction in the Outdoors</i>	Faculty Mentor: Leticia Magan-Marquez
Eric Johnson	<i>Evaluation of a Healthy Parks Healthy People Program on Stress in Ethnic Minorities</i>	Faculty Mentor: Leticia Magan-Marquez
Ryan Kyger	<i>Does ER Stress Delay ER Inheritance and the Cell Cycle in Drosophila?</i>	Faculty Mentor: Blake Riggs
Stephanie Owens	<i>Investigating the impacts of agricultural flow pulses on a calanoid copepod in the upper San Francisco Estuary</i>	Faculty Mentor: Wim Kimmerer
Jeyna Perez	<i>Comparative phylogeography of a brooding sea star species complex in the U.S. Pacific Northwest</i>	Faculty Mentor: Sarah Cohen
Olivia Pham	<i>Understanding the Evolution of Aminoglycoside acetyltransferases (AACs), an Antibiotic-Modifying Enzyme, in the role of Antibiotic Resistance</i>	Faculty Mentor: Pleuni Pennings
Jasmine Sims	<i>The Effects of Cell Cycle Progression on Vacuole Size</i>	Faculty Mentor: Mark Chan
Saba Sohail	<i>Do perceived racism and discrimination affect telomere length in African American women in the Bay Area?</i>	Faculty Mentor: Leticia Magan-Marquez
Hillary Strutherd	<i>Kaposi sarcoma-associated herpesvirus interactions with host chromatin during latency and reactivation</i>	Faculty Mentor: JJ Miranda
Kenisha Williams Puckett	<i>The Impact of Flame Retardant Exposure on Human Pregnancy</i>	Faculty Mentor: Carmen Domingo

Chemistry and Biochemistry

Jackson Baumgartner	<i>Examining the effects of mobile loops on chimeric Gcn5-related N-acetyltransferase (GNAT) substrate specificity</i>	Faculty Mentor: Misty Juhn
Heather-Rose Lacy	<i>Titanium Metal Nanowires via Electrospun Polymer Nanocomposite</i>	Faculty Mentor: Andrew S. Ichimura

Computer Science

Chanin Pithyaachariyakul	<i>Automated Question Answering System</i>	Faculty Mentor: Anagha Kulkarni
Brook Thomas	<i>GeneDive: Gene-Gene Relationship Search and Discovery</i>	Faculty Mentor: Anagha Kulkarni
Other Presenter: Paul Previde		

Earth and Climate Sciences

Rui Liu	<i>Regional Tectonic Evolution of the Pioneer Core Complex, South-Central Idaho</i>	Faculty Mentor: Mary Leech
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Engineering

Faizan Ahmad	<i>Google Docs as a Tool for Collaborative Writing in the Middle School Classroom</i>	Faculty Mentor: Jenna Wong
Ali Attaran	<i>Developing Personal Portfolios for Young Adults with Moderate to Severe Disabilities</i>	Faculty Mentor: Hamid Mahmoodi
Solmaz Hashemzadeh	<i>Reliable Design of Spin Transfer Torque Latch</i>	Faculty Mentor: Hamid Mahmoodi
Maryam Khan	<i>Stability Evaluation of Structural Property-Dependent Integration Algorithms for Real Time Hybrid Simulation</i>	Faculty Mentor: Cheng Chen
Jun JianLiang	<i>Uncertainty Quantification for a Large-Scale Magneto-Rheological Damper for Seismic Hazard Mitigation</i>	Faculty Mentor: Cheng Chen
Jackie Lok	<i>Using Smart Wearable devices for Earthquake Engineering</i>	Faculty Mentor: Zhaoshuo Jiang
Wen Li Tang	<i>Predicting trends in structural optimization</i>	Faculty Mentor: Zhaoshuo Jiang

Geography and Environment

Heather Co	<i>The Impact of Waste Management Policy on Marine Debris: A Case Study in San Mateo County</i>	Faculty Mentor: Tendai Chitewere
Max Czapskiy	<i>Explaining Marine Bird Spatial Distributions in Dynamic Windscares</i>	Faculty Mentor: Ellen Hines
Austen Lorenz	<i>Classifying Meadow Hydrogeomorphic Types with LiDAR and Multispectral Imagery using OBIA</i>	Faculty Mentor: Leo Blesius
Misty Mckinney	<i>Impacts of Illegal Dumping in East Palo Alto: An Environmental Justice Analysis</i>	Faculty Mentor: Tendai Chitewere
Erika Poveda	<i>The "Greening" of Gentrification: A Case Study of the East Bay Greenway</i>	Faculty Mentor: Tendai Chitewere

Marine Science

Metadel Abegaz	<i>The impacts of density and competition on the reproductive fitness of intertidal porcelain crab species</i>	Faculty Mentor: Jonathon Stillman
Karen Backe	<i>Effects of sea level rise and storm surge on Pacific harbor seal habitat: A comparison of haul-out changes at the Russian and Eel River Estuaries</i>	Faculty Mentor: Ellen Hines
Jillian Burns	<i>Investigating the Diets of Longfin Smelt Larvae in Shoal and Tidal Marsh Habitats</i>	Faculty Mentor: Wim Kimmerer
Alma Ceja	<i>Counting Crabs: Modeling the distribution of an intertidal zone invertebrate</i>	Faculty Mentor: Jonathon Stillman
Kaytlin Ingman	<i>Long term trends in baleen whale observations near the Farallon Islands, CA</i>	Faculty Mentor: Ellen Hines

Marine Science (continued)

Emily Lam	<i>Linking thermosensory physiology and thermoregulatory behavior in maternal porcelain crabs</i>	Faculty Mentor: Jonathon Stillman
Jane Rudebusch	<i>A risk assessment analysis of San Francisco Bay for southern sea otters (<i>Enhydra lutris nereis</i>)</i>	Faculty Mentor: Ellen Hines

Physics and Astronomy

Lisa Kotowski	<i>Measuring infant body composition using an RF resonant cavity perturbation technique</i>	Faculty Mentor: Barbara Neuhauser
Shervin Sahba	<i>Designer Photonics! Waveguides and Filters using Hyperuniform Disordered Media</i>	Faculty Mentor: Weining Man

Psychology

Sarah Almeida	<i>Exploring adolescent transgender identity development: Creating positive environments for gender non-conforming students</i>	Faculty Mentor: Diane Harris
Marina Antonio	<i>Aggression and Teen Dating Violence in Early Adolescence</i>	Faculty Mentor: Diane Harris
Gretchen Cox-Andazola	<i>Exploring the Gender-Specific Aspect of Fathering: How Parents Socially Construct Fathering</i>	Faculty Mentor: Jeffery Cookston
Kenn Dela Cruz	<i>Empathy in Chinese Children: Cognitive Skills Predicting Affective and Cognitive Empathy</i>	Faculty Mentor: Jae Paik
Wei Dou	<i>External Control of the Stream of Consciousness: An EEG Study</i>	Faculty Mentor: Ezequiel Morsella and Mark Geisler
Rebecca Foster	<i>Major Depressive Disorder: Impact of Poor Adolescent Identity Development</i>	Faculty Mentor: Diane Harris
Joan Kasun	<i>The Relationship Between Fear of Loss and Relational Aggression in Adolescent Females</i>	Faculty Mentor: Diane Harris
Anneccy Majoros	<i>Can you tell I'm disgusted? Look at the way I talk: Functions of disgust in speech</i>	Faculty Mentor: David Matsumoto
Jesus Martinez	<i>Teacher Burnout: Through an Existential Self-Determination Theoretical Lens</i>	Faculty Mentor: Diane Harris
Ashish Mehta	<i>Emotion Regulation Choice: Differences in U.S. and Indian Populations</i>	Faculty Mentor: Gaurav Suri
Jacquelyn Nelson	<i>A Cross-Cultural Study of Parental Socialization of Theory of Mind</i>	Faculty Mentor: Jae Paik
Hydie Pavick	<i>SFSU Core Values Assessment</i>	Faculty Mentor: Kevin Eschleman
Other Presenters: H. Wear, J. Herring, J. Lenta, Q. Coppler, L. Lynn Yen, S. Upadhyay, B. Huntley, E. Fethe, R. Cockerill, and L. Yang		
Kristina Pfeifer	<i>Smaller N400 Amplitudes are Reflected in Creative Individuals</i>	Faculty Mentor: Mark Geisler
Other Presenter: Alejandro Heredia		

Psychology (continued)

Alexandra Sherman	<i>Emotion Dysregulation Predicts Depression, Anxiety, and Stress in Chinese Adolescents: Mindfulness Moderates</i>	Faculty Mentor: Diane Harris
Emily Weir	<i>Resistance to Consultation: Impact of Anxiety and an Environment of Care</i>	Faculty Mentor: Rita Rodriguez
Xiaoye Xu	<i>Relationship Between Parental and Young Adult Emotion Regulation: The Mediating Role of Parental Emotion Socialization</i>	Faculty Mentor: David Matsumoto
Gerald Young	<i>Depressive rumination involves different thinking styles among East Asians and European Americans</i>	Faculty Mentor: David Matsumoto

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