

**In-Person Conference Sessions, Saturday, May 5, 2023, 1<sup>st</sup> Floor Bizzini****Senior Research Presentations: 9:00 am-2:30 pm, B-102, Moderator/Staff: Dr. Nicole Cochran, Dr. Jamila Newton, Dr. Jim Tuedio, Celina Bridges (AM)/Jennifer Frisk (PM)**

9:00-9:15	Lara Al-Jaser et al.	Public Health Promotion	Drs. Jordan and Díaz-Garayúa	A Mixed Methods Study of the Stanislaus State Community's Perception and Behaviors of Nicotine and Tobacco Use and Disposal
9:15-9:30	Daniel Pasillas-Pablo	Public Health Promotion	Dr. Wura Jacobs	Associations Between Psychosocial Stressors and Nicotine, Cannabis Use In Ethnically Diverse Emerging Young Adults
9:30-9:45	Mackenzie Creamer	Psychology	Prof. Suditi Gupta	The Impact of Stress on Opioid Addiction
9:45-10:00	Maya Young	Sociology		A Hidden Epidemic: Domestic Violence and Resource Accessibility During the COVID-19 Pandemic
10:00-10:15	Cristian Silva-Toro	Psychology & Criminal Justice	Dr. Sebastian Sclofsky	Criminal Justice or Public Health: An Analysis of California Central Valley's Approach to Drug Addiction

**15 Minute Break**

10:30-10:45	Joseph Lao	Public Health Promotion	Prof. Suditi Gupta	The Effects and Impacts of Subliminal Affirmations on the Subconscious
10:45-11:00	Nina Lydon	Psychology	Dr. Andrea Duroy	The Efficacy of Music on Emotional Wellbeing
11:00-11:15	Madison Wingate	Psychology	Prof. Suditi Gupta	Defining Minimalism and Why We Might Benefit From It.
11:15-11:30	Angela Esau	Fine Art	Dr. Staci Scheiwiller	How Does Sharing Artwork on Social Media Affect Artists and Their Artwork?

**30 Minute Lunch Break (refreshments in B-113)**

12:00-12:15	Paola Viviana Campos	Mathematics	Dr. Jungha An	Assessing Students' and Teachers' Perceptions of Responsibility and Mathematics Anxiety in the Mathematics Classroom
12:15-12:30	Isabel Gaddo	Biology	Georget Orah	The Impact of COVID-19 Related Stress on the Physical Well Being of College Students
12:30-12:45	Edith Herrera	Sociology	Dr. Jennifer Whitmer	Gendered Attitudes and Beliefs Among Latinx Youth
12:45-1:00	Melissa Nallely Rubio	Spanish and Psychology	Prof. Sandra García Sanborn	Fluency vs. Literacy in Multilingual College Students in the Central Valley

**15 Minute Break**

1:15-1:30	Raymond Duenas	Mathematics	Dr. Koh	Climate Change Analysis and Datasets Derived Through Computer Vision
1:30-1:45	Christian Girard Capuno	Biological Sciences	Dr. Jamila Newton	AAV-Induced Upregulation of Aquaporin-4 Expression as a Means of Bolstering Beta-Amyloid Oligomer Efflux
1:45-2:00	Sherly Yaghoubi	Computer Science and Math	Dr. Jessica De Silva	Hidden Markov Models on DNA Sequencing Data
2:00-2:15	Delton Boswell	Computer Science	Dr. Jessica De Silva	EV Charging Desert: The Challenges with Electric Vehicle Charging in East Modesto
2:15-2:30	Heather D. Collins	Anthropology	Dr. Ryan I. Logan	Ethnogeology and Interdisciplinary Approaches

**Junior Lightning Talks and Electronic Posters, 9:00 am-1:35 pm, B-113, B-115, B-111, B-114, B-108, Moderator/Staff: Dr. Ellen Bell, Dr. Andrew Conteh, Kirstin Halstead, Jennifer Frisk (AM)/Celina Bridges**

9:00-9:05	B-113	Cecilia Alvarez	Biological Sciences	Dr. Amanpreet Manchanda	Silica Nanotubes-Chemistry
9:05-9:10		Victoria Bizzanelli	Chemistry	Dr. Stone	2,4,6-trichloroanisole detection with chemosensors
9:10-9:15		Jose Aguirre III	Biological Sciences	Drs. Van Larr & Gardner	Testing the Relative Efficacy of Lytic Bacteriophages or Cocktails on Treating Xanthomonas Campestris Pv. Campestris In Vitro
9:15-9:20		Justin Raymond	Biology		Flower Color and their Selective Pressures
9:20-9:25		Sharlien Bernadet Envieh	Agriculture	Dr. Chantelise Pells	Conventional vs Agroecological Way of Growing Strawberries
9:25-9:30		Taylor Blee	Biology		The Production of Spider Silk and Expression of Spider Silk Proteins in Practical Applications
9:30-9:35		Angeles Christina Ramirez	Biology	Prof. Gupta	How Does Access to Vision Healthcare, in Affordability, Proximity, and Number of Options, Affect the Rate of Treatment of Frequently Occurring or Existing, Treatable Vision Conditions?

**Break**

10:00-10:05	B-115	Megan Gillen	Psychology	Procoronaf. Gupta	Does Eye Movement Desensitization Reprocessing (EMDR) Improve Symptoms of Suicidal Ideation In those Affected by Post Traumatic Stress Disorder (PTSD).
10:05-10:10		Carolyn Gallella	Psychology	Dr. Aletha Harven	Effects of Diagnosing Mental Illness Self-Labelers
10:10-10:15		Lu Aguiniga	Psychology	Dr. Shannon Bianchi	Self-Talk and Behavior
10:15-10:20		Lucas Azevedo	Psychology, Music Technology	Prof. Suditi Gupta	Screen Time and GPA
10:20-10:25		Silvia Lemus	Psychology		Selfies and their Effects on Self-Esteem.

**Break**

11:00-11:05	B-111	Nathalie Hernandez	English	Dr. Mirta Maldonado	Analyzing English Language Learner's Literacy Rates K-12
11:05-11:10		Jasmine Martinez	Exercise Science		The effects of food insecurity on college student academic performance
11:10-11:15		Mahmoud Sulieman	Mathematics	Dr. Jessica De Silva	Creating a webpage for Simplex Method calculation
11:15-11:20		Dylan John Hoyt	English SSMP	Dr. Jennifer Pace Wittman	"Let the robots do the homework" - working title;

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11:20-11:25	Sarah Everingham	Instrumental Education	Dr. Sarah Minette	Importance of Cultural Representation in Music Classrooms
11:25-11:30	Kaylee Kinst	Anthropology		Social norms in animals
11:30-11:35	Alexander C. Ayers	Geography & Envir Resources	Dr. Allison McNally	The Ripple Effects of Framing: Explicit Terms and Co-occurrence in California Water Futures Market Media Representations
(11:35-11:40)	Jasmine Butler	Child Development		How is education made accessible to underserved children?
<b>30 Minute Lunch Break (refreshments in B-113)</b>				
12:00-12:05 B-114	Robert Sims Wikoff	Business Administration	Dr. Tom Carter	Neural Networks and Business or Neural Networks and Analogue Computation.
12:05-12:10	Jillian de la Motte	Communication Studies		A Study Into the Effects that ADHD has on Communication.
12:10-12:15	Paulina Bennett	Psychology	Suditi Gupta	COVID-19's Impact on Attachment Styles
12:15-12:20	Julie Diaz	Developmental Psychology		The Ways in Which the Post-Pandemic Era has Affected the Mental Health of Children and Adolescents.
12:25-12:30	Ashley Cabral	Nursing	Brandi Gleason	Systemic Factors that Contributed to Nurse Burnout in the Pandemic
12:30-12:35	Celina Bridges	Sociology, Gerontology minor	Dr. Della Winters	Ageism & COVID-19: A War of Perception
12:35-12:40	Summer Anderson	Psychology	Deborah Forester	Research Shows Steady Decline in Importance of Religion in One's Life From The Greatest Generation To Generation Z: How Will this Shape the Future Political Landscape in the United States?
<b>Break</b>				
1:00-1:05 B-108	Alyssa Beltran	History	Dr. Erin Hughes	The Effectiveness of Monarchies Today
1:05-1:10	Ruben Marquez Jimenez	Political Science and Spanish		The Bracero Program
1:10-1:15	Tiffany Williams	Psychology	Prof. Suditi Gupta	Nationalized Mental Health Care
1:15-1:20	Chanta Mon	Criminal Justice	Prof. Suditi Gupta	A Journey to Homelessness Living in Poverty
1:20-1:25	Jayden Nadine Lopez	Criminal Justice	Dr. Jason Pourtaverdi	The Disadvantages of the United States having the Highest Incarceration and Recidivism rates.
1:25-1:30	Hailey Borchardt	Political Science		Eighth Amendment
1:30-1:35	Sinaí Cecilia Arenas Solorio	Psychology	Deborah Forester	Empathy, Aggression, and Symptoms of PTSD as it Relates to Police Brutality

Senior Presentations: 15 minute time slots for each presentation, including brief Q&A; Students have been asked to make presentations 10-12 minutes long

Junior Posters: 5 minute time slots for each poster. All posters in a session will be saved in a single PowerPoint/PDF, posters will be shared on the screen by staff, students will have 2-3 minutes to introduce/summarize their poster, leaving 2-3 minutes for Q&A before staff advances to next poster.

Posters will be archived on 22<sup>nd</sup> Annual Capstone Conference website. Virtual session will be recorded unless people object.