2020-21 Koret Scholars

Congratulations to the 2020-21 Koret Undergraduate Research Scholars

Bre Aguilar (TEN)
Major: Legal Studies BA
Mentor: Sheeva Sabati
Project: Community-Relevant Curriculum of Histories: Ongoing Resistance of Marginalized Peoples in the Santa Cruz County

Victoria Akinsanya (TEN)
Major: Business Mgmt Econ BA, Critical Race & Ethnic Studies BA
Mentor: Theresa Hice-Fromille (nee Johnson)
Project: African American Tourism in a Pandemic

Vanessa Alarcon (CARSON)
Major: Physics (Astrophysics) BS, Earth Sciences BS
Mentor: Cesar Rojas-Bravo
Project: Calibration of Swope Survey Supernovae for Cosmological Analysis

Jeyson Aldana (KRESGE)
Major: Latin Amer & Latino Studies BA, Sociology BA
Mentor: Michelle Gomez Parra
Project: COLA, Intimacy, and the Politics of Solidarity

Kathryn Anderson-Mullett (CARSON)
Major: Biology BA, Environmental Sciences BS
Mentor: Claudie Beaulieu
Project: Predicting Occurrences of Marine Heatwaves using Random Forests

Madison Bankosh (STEVENSON)
Major: Environmental Studies BA, Lat Am Stu/Sociology Comb BA
Mentor: Galina Hale
Project: Barriers to adopting healthful diets across cultural and socio-economic groups

Luis Bautista Castillo (STEVENSON)
Major: Physics BS
Mentor: Slaweck Tulaczyk
Project: Electrical Resistivity Meter

Tobin Berger-Cahn (PORTER)
Major: Molec Cell Develop Biology BS
Mentor: Camilla Forsberg
Project: Determining the single-cell multilineage capacity of developmentally restricted hematopoietic stem cells (drHSCs)
Micah Braly (CARSON)
Major: Neuroscience BS
Mentor: Victoria Auerbuch Stone
Project: Characterization of C-terminus in the novel gene pif of Yersinia pseudotuberculosis

Lilianne Callahan (MERRILL)
Major: Applied Physics BS
Mentor: Slawek Tulaczyk
Project: Comparing Transient Electromagnetic Methods to Ground-Penetrating Radar Using Data from the McMurdo Ice Shelf

Diana Carranza (COWELL)
Major: Sociology BA
Mentor: Leslie Lopez
Project: We Belong: Pertenecemos

Anirudh Chaudhary (OAKES)
Major: Earth Sciences BS, Ecology and Evolution BS
Mentor: Rita Mehta
Project: Quantifying Teeth Curvature and Function in the Dual-Jaw System of Gymnothorax mordax

Collin Couch (CROWN)
Major: Physics (Astrophysics) BS
Mentor: Ryan Foley
Project: NuSTAR Constraints on the Solar Axion

Abigail Eduardo Espinosa (MERRILL)
Major: Sociology BA, Psychology BA
Mentor: Leslie Lopez
Project: Advocates' Voices, Practices, and Policies of Building Belonging

sagrario eusebio (OAKES)
Major: Sociology BA
Mentor: Steven McKay
Project: We Belong

Kyra Eyerman (PORTER)
Major: Molec Cell Develop Biology BS
Mentor: David Bernick
Project: PoPPY (Portable Progesterone Production in Yeast)

Norberto Garcia (MERRILL)
Major: Sociology BA
Mentor: Rebecca London
Project: "Mis Hijos, Su Futuro": Life as an Immigrant Parent to a K-5 Student During the COVID-19 Pandemic

Keanu Graham (KRESGE)
Major: Physics (Astrophysics) BS
Mentor: Tesla Jeltema
Project: Cooling in Clusters of Galaxies and the Relationship to Cluster Growth and Supermassive Black Holes

Marie Gredell (CARSON)
Major: Neuroscience BS
Mentor: Yi Zuo
Project: Effects of a Single-Cell Knockout of the Fragile X Mental Retardation Protein
Anthony Jacquez (STEVENSON)
Major: Psychology BA, Sociology BA
Mentor: Leslie Lopez
Project: Building Belonging: Analysis of Advocate narratives on Belonging in the Immigrant Community Santa Cruz

Crystal Kim (CARSON)
Major: Physics (Astrophysics) BS
Mentor: David Smith
Project: NuSTAR Constraints on the Solar Axion

Chelsea Kintz (CARSON)
Major: Ecology and Evolution BS
Mentor: Rita Mehta
Project: Prey Handling Behaviors in Great Blue Herons and Gray Herons

Samuel Lindquist (PORTER)
Major: Economics BA, Mathematics BA
Mentor: Galina Hale
Project: Does the News Affect Economic Outlook?

Tara McAteer (COWELL)
Major: Anthropology BA, Legal Studies BA
Mentor: Leslie Lopez
Project: Decoding Systemic Barriers

Wave Moretto (CARSON)
Major: Marine Biology BS
Mentor: Rita Mehta
Project: Effects of acute temperature change on California moray eel prey manipulation and transport behavior

Vanessa Morgan (CARSON)
Major: Anthropology BA, Environmental Studies BA
Mentor: Lars Fehren-Schmitz
Project: Chimpanzee (Pan troglodytes) Caller Goals in the Issa Valley

Rafael Nunez (CARSON)
Major: Physics (Astrophysics) BS
Mentor: Raja GuhaThakurta
Project: Spectroscopic Classification of Photometrically Variable Stars in Andromeda

Nishaant Pandita (STEVENSON)
Major: Art & Des: Games & Playable BA
Mentor: A. M. Darke
Project: Wanderlust!

Marlen Reyes (OAKES)
Major: Sociology BA
Mentor: Steven McKay
Project: We Belong: Pertenecemos

Samantha Rozal (NINE)
Major: Env Studies / Biol Combined BA
Mentor: Robin Dunkin
Project: Characterization of Geographic and Temporal Patterns of Marine Debris on Santa Cruz and Monterey County Beaches
Gabrielle Serna (KRESGE)
Major: Art & Des: Games & Playable BA
Mentor: micha cárdenas
Project: Oceanic

Payton Sime (COWELL)
Major: Anthropology BA, Ecology and Evolution BS
Mentor: Vicky Oelze
Project: The Temporal and Spatial Availability of Chimpanzee (Pan troglodytes schweinfurthii) Prey Species ...

Allegra Stahl (CROWN)
Major: Biology BA, Cognitive Science BS
Mentor: Rita Mehta
Project: Effects of acute temperature change on California moray eel prey manipulation and transport behavior

Erin Steckline (COWELL)
Major: Psychology BA
Mentor: Heather Bullock
Project: Experiences of Women in Intramural Sports and Esports

Connor Sweeney (STEVENSON)
Major: Physics (Astrophysics) BS
Mentor: Stefano Profumo
Project: Cosmic-ray Diffusion due to Pulsars in the Milky Way

Trey Vera (CROWN)
Major: Mathematics BA, Physics BS
Mentor: Stefano Profumo
Project: Cosmic-ray Diffusion due to Pulsars in the Milky Way

Ava Webber (CROWN)
Major: Physics (Astrophysics) BS
Mentor: Stefano Profumo
Project: Capture of primordial black holes in extrasolar systems

Edward Wu (STEVENSON)
Major: Molec Cell Develop Biology BS
Mentor: Ali Shariati
Project: Determining cell cycle regulation in pluripotent stem cells with functional CRISPR screening