Welcome Remarks
Jacques Bowyer McNair Scholars Program Advisor

9:00 am Joyan Cyrus
MAJOR: Psychology and Sociology
FACULTY MENTOR: Dr. Jeff Sherman
PRESENTATION TITLE: Independent Influences of Chronic and Temporary Accessibility on Social Judgment

Karina Jimenez
MAJOR: History
FACULTY MENTOR: Dr. Rachel Jean-Baptiste
PRESENTATION TITLE: The Role of Outside Support: Strike Support Committees and Catholic Church Support in the Farah Manufacturing Company Strike

Jocelyn Lopez
MAJOR: International Relations
FACULTY MENTOR: Dr. Monica Torreiro-Casal & Dr. Jeanette B. Ruiz
PRESENTATION TITLE: Analyzing Media's Role in Shaping Immigration Policy Discourse and its Implication to the Latinx Migrant Community

9:55 am - 10:00 am Break

10:00 am Kelly Graziadei
MAJOR: Sustainable Agriculture and Food Systems
FACULTY MENTOR: Dr. Alessandro Ossola
PRESENTATION TITLE: Urban Tree Nutrition: A Database of Edible Trees for Feeding Cities

Alejandro Hurtado
MAJOR: Wildlife, Fish, and Conservation Biology
FACULTY MENTOR: Dr. Andrew Rypel
PRESENTATION TITLE: Demystifying the Link between Restoration Activities and Functional Fish Habitat in Tidal Wetlands

Lauren Sique
MAJOR: Animal Biology
FACULTY MENTOR: Dr. Christian Nansen
PRESENTATION TITLE: Insect Individuality: Intraspecific Variation in Cognition of Mealworms

10:55 am - 11:00 am Break

11:00 am Xhivani Valencia
MAJOR: Mechanical Engineering
FACULTY MENTOR: Dr. Karen Moxon
PRESENTATION TITLE: A Fully Implantable Neural Recording Adaptor for Use in the Non-Human Primate Animal Model

Lilliana Figueroa
MAJOR: Aerospace Science and Engineering
FACULTY MENTOR: Dr. Stephen K. Robinson
PRESENTATION TITLE: Design and Integration of an ISS Inspection CubeSat using HDD Reaction Wheels, Sublimation Cooling, Computer Vision and Two-Fault Tolerant Cold Gas Propulsion

Daniel Egziabher
MAJOR: Biological Psychology
FACULTY MENTOR: Dr. Karen Bales
PRESENTATION TITLE: The Effects of Social Experience on Oxytocin Receptor Density in Brain Tissues
2023 University of California, Davis McNair Scholars Summer Symposium
Friday, July 28, 2023

1:00 pm Mikayla Deigan
MAJOR: Geology
FACULTY MENTOR: Dr. Isabel P. Montañez
PRESENTATION TITLE: Hydroclimate Variability During the 8.2ka Event Revealed by Trace Element Analysis of a Southern Sierra Nevada Stalagmite

Ebelin Montoya Martinez
MAJOR: Spanish
FACULTY MENTOR: Dr. Sheela Toprani & Rocelle C Evangelista
PRESENTATION TITLE: Effects of Epilepsy Surgery on Nondominant Brain Hemisphere Functions

Ofelia Preciado
MAJOR: Human Development
FACULTY MENTOR: Dr. Brie Tripp
PRESENTATION TITLE: Pre-Health Students Investigate the Social, Biological, & Genetic Aspects of Obesity & Implications on Health Disparities

1:55 pm - 2:00 pm Break

2:00 pm Mohammed Mohammed
MAJOR: Economics
FACULTY MENTOR: Dr. Arman Rezaee
PRESENTATION TITLE: Increased Engagement on Social Media Platforms Can Disseminate Public Health Information in Developing Nations: The BAANG Platform in Pakistan

Karla Santana Valenton
MAJOR: Human Development & Psychology
FACULTY MENTOR: Dr. Kali Trzesniewski
PRESENTATION TITLE: UC Davis Students' Perceptions' about Starting College 2018 - 2022

Jose Guerra
MAJOR: Anthropology & Chicano Studies
FACULTY MENTOR: Dr. Marisol de la Cadena & Dr. Michael Singh
PRESENTATION TITLE: Perhaps If Not for Life: The Racial Semiotics of Revitalization & Decay in Sacramento’s Oak Park