CoSE Student Project Showcase 2022 Abstracts
May 3, 2022 in SF State Annex 1:
https://cose.sfsu.edu/student-project-showcase-program-and-abstracts

SEO SCHOLARS’ AWARDS at the CoSE Student Project Showcase 2022:

GRADUATE STUDENTS LIFE SCIENCES
1ST Place
Entry Number: 12 GL
Protein-Protein Interaction Analysis of Kaposi’s Sarcoma-Associated Herpesvirus and its Role in Host Viral Replication
By: Ernst Heinz V. Pulido
Cellular & Molecular Biology
Faculty Advisors: Dr. Erica L. Sanchez, Dr. Robyn Kaake (UCSF), and Dr. Scott Roy

2nd Place
Entry Number: 29 GL
Analgesics for Improved Welfare in Hummingbird Bobtail Squid (Euprymna berryi)
By: Skyler Deutsch, Christopher Seng, and Alyssa Ng
Marine Biology & Limnology
Faculty Advisor: Dr. Robyn Crook

3rd Place
Entry Number: 15 GL
Endocytosis as a regulator of Glucagon Receptor Signaling
By: Jan Mikhael Cajulao and Eduardo Hernandez
Cellular & Molecular Biology
Faculty Advisors: Dr. Erica L. Sanchez and Dr. Mark von Zastrow (UCSF)

GRADUATE STUDENTS PHYSICAL SCIENCES
3rd Place
Entry Number: 47 GP
Design and Evaluation of an IMU Sensor-based System for the Rehabilitation of Upper Limb Motor Dysfunction
By: Bao Tran
Electrical Engineering
Faculty Advisor: Dr. Xiaorong Zhang, Dr. Charmayne Hughes, and Zhuwei Qin

UNDERGRADUATE STUDENTS LIFE SCIENCES
1ST Place
Entry Number: 119 UL
Isolating Prostate Cancer-Selective Naphthoquinone Derivatives from Streptomyces sp. CP59-55
By: Devin Simbol
Chemistry
Faculty Advisors: Dr. Taro Amagata, Dr. Frederick A. Valeriote, and Dr. Mark Swanson
2nd Place
Entry Number: 106 UL
A Dominant Modifier Screen for Genetic Interactor of Jagunal in Drosophila
By: Jorge Inojoza and Judy Abuel
Physiology
Faculty Advisor: Dr. Blake Riggs

3rd Places
Entry Number: 116 UL
Exploring the Regulation of Polyamine Biosynthesis and Degradation via Lysine Acetylation in E. coli
By: Pamela L. Caro De Silva
Biochemistry
Faculty Advisor: Dr. Misty L. Kuhn

Entry Number: 117 UL
Examination of the Structural Motifs that Underpin the GNAT Fold Across Diverse 3D Protein Structures
By: Phelan Glenn and Huy Duc Do
Biochemistry
Faculty Advisor: Dr. Misty L. Kuhn