

CSUB OUTSTANDING STUDENT RESEARCH COMPETITION PRESENTERS 2024

BEHAVIORAL AND SOCIAL SCIENCES

1st Place – Kelbi Banducci & Nora Alammari -
(Undergraduate)
(Psychology)

Faculty Mentor – Dr. Amy Gancarz-Kausch
Project Title – *Sex differences in adult operant novelty seeking following long access to sucrose during adolescence*

2nd Place – Brookelynn Reed (Undergraduate)
(Psychology)

Faculty Mentor – Dr. Amy Gancarz-Kausch
Project Title – *Effects of High Fat Diet on Reward Maximization Utilizing a Sequential Patch Depletion Paradigm in Rats*

PHYSICAL AND MATHEMATICAL SCIENCES

1st Place – George Boston (Undergraduate)
(Chemistry & Biochemistry)

Faculty Mentor – Dr. Roy Lafever
Project Title – *Supercritical CO₂ Extraction and Purification of Marrubiin*

2nd Place – Lanie Jackson (Undergraduate)
(Chemistry)

Faculty Mentor – Dr. Lance Talbert
Project Title – *Quantification and Characterization of Phthalate Esters*

HEALTH, NUTRITION, AND CLINICAL SERVICES

1st Place – Ghimire Manish “Money” (Graduate)
(Kinesiology)

Faculty Mentor – Dr. Jahyun Kim
Project Title – *Chronic creatine supplementation improves strength but not arterial stiffness: a case study*

HUMANITIES AND LETTERS

1st Place – Gabriel Moore (Undergraduate)
(History)

Faculty Mentor – Dr. John Chen
Project Title – *Kern County's Chinese Question: Discrimination and Racial Violence in Local History, 1854-1901.*

2nd Place – Carmen Tomshack (Undergraduate)
(Religious Studies)

Faculty Mentor – Dr. Jonathan Young
Project Title – *Narayana's New Braj: An Ethnography of the Western Gaudiya Vaishnava Experience of Charismatic Leadership in the Hare Krishna Movement*

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BUSINESS, ECONOMICS, AND PUBLIC

ADMINISTRATION

1st Place – Zachary Federici (Graduate)
(Management & Marketing)

Faculty Mentor – Dr. Sunjin Pak

Project Title – *CEO Regulatory Focus and Firm Performance:
A Meta-Analysis*

1st Place – Michael Romero (Undergraduate)
(Business Administration)

Faculty Mentor – Dr. Jeremy Woods

Project Title – *"AI Revolution: Unleashing the Power of
Sentiment-Driven Trading Strategies"*

2nd Place – Justin Lo (Undergraduate)
(Biology)

Faculty Mentor – Dr. Antje Lauer

Project Title – *Retroactive Study of Water Allocation After the
COVID-19 Epidemic*

BIOLOGICAL AND AGRICULTURE SCIENCES

1st Place – Jonathan Juarez (Graduate)
(Biology)

Faculty Mentor – Dr. Rae McNeish

Project Title – *Terrestrial-Aquatic Connections: Invasive
Ailanthus altissima leaf decomposition in freshwater ecosystems
and impacts on macroinvertebrate communities*

2nd Place – Alexandra Brown (Graduate)
(Biology)

Faculty Mentor – Dr. Rae McNeish

Project Title – *Microplastic seasonal variation in coastal
shellfish and sediments linked with estuary protection status and
watershed anthropogenic development*

1st Place – Jugraj Randhawa (Undergraduate)
(Biology)

Faculty Mentor – Dr. Isolde Francis

Project Title – *Identification of a potential new oomycete
associated with carrot cavity spot*

2nd Place – Julnar Al Azzam (Undergraduate)
(Chemistry & Biochemistry)

Faculty Mentor – Dr. Karlo Lopez

Project Title – *Investigation into Enzymatic Sulfur Reduction in
Fossil Fuels*