



# CSU Bakersfield

Academic Affairs

Office of Grants, Research, and Sponsored Programs (GRaSP)

Mail Stop: 24 DDH Room 108  
9001 Stockdale Highway  
Bakersfield, California 93311-1022

(661) 654-2231  
(661) 654-3342 FAX  
[www.csub.edu](http://www.csub.edu)

## MEMORANDUM

The Research Council of the University (RCU) Committee reviewed applications for the 2021-22 Student Research Scholars Program. After careful review and discussion, the recommendations of the committee are as follows:

Student Name	Department	Title of Project	Faculty Mentor
<b>2021-22 Frederick S. Macomber Student Research Scholar</b> Autumn Corrow	Biology	The effects of fire on bat activity in Sequoia and Kings Canyon National Parks.	Anna Doty
Lance Howard Azusada	Teacher Education	Hollywood or History: An Inquiry-based strategy to learn about Latinx Communities and History in the Classroom.	Timothy Monreal
Blake Bryant	Biology	Comparison of HPLC and CIEIA Techniques for TTX Quantification.	Amber Stokes
Lexie Chavez	Kinesiology	Does the complexity of the task relate to the motor control strategy used?	Alejandra Barrera
Kassandra Chicas	Biochemistry	Characterization of the Structure and Function of Oncogenic Mutant of Lysyl Oxidase.	Karlo Lopez
Jarod Cleveland	Communications – Digital Media	Sporendil: Era of Contact.	Jeremy Warner
Christopher Cook	Geology	Carbon Capture and Sequestration and Enhance Oil Recovery Potential in Stevens Sands of the Elk Hills Oil Field through Geophysical Analysis	Liaosha Song
Ryan Delmore	Chemistry and Biochemistry	Structural and Functional Characterization of Lysyl Oxidase-like 4.	Karlo Lopez



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Student Name	Department	Title of Project	Faculty Mentor
Tyler Ellis	Psychology	Experiences of Women in Martial Arts.	Richard Zamora
Roxanne Esparza	Physics and Engineering	Investigation of Biological Behaviors of Zinc Oxide Nanoparticles using Molecular Dynamic Simulations.	Sungwook Hong
Amy Fetters	Biology	Plastic and natural leaf degradation across terrestrial and aquatic habitats.	Rae McNeish
Alisha Flores	Teacher Education	TikTok, Friend of Foe?: The Teacher's use of TikTok in the classroom.	Bre Evans Santiago
Matthew Goulart	Chemistry and Biochemistry	Synthesis of Isoxazole and Isoxazoline Heterocycles as Potential Inhibitors of Lysyl Oxidase.	Danielle Solano
Wesley Green	Kinesiology	Characteristics of over the counter analgesic usage to treat pain with a focus on cannabidiol and medicinal cannabis	Brian Street
Garrett Hentges	Computer & Electrical Eng & Computer Science	Increasing Buffering Flexibility Using Adaptive Routing Algorithms for Higher Performance Many-core Processors.	Mostafa Abdelrehim
Evan Hunter	Computer Engineering	A Deadlock Recovery Technique for Full Adaptive Routing/Buffering Environment in Network-on-Chips.	Mostafa Abdelrehim
Jakob Koebrick	Communications	Jkubwithak	Jeremy Warner
Jesenia Nieves	Kinesiology	Understanding Factors That Influence High School Students' Physical Education Enjoyment and Their Trans-contextual Physical Activity Participation.	Zachary Zenko
Brianna Maldonado	Kinesiology	How do muscle spindles affect balance?	Alejandra Barrera



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Bella Ozuna	Biology	Investigation into Biofluorescence in the Rough-Skinned Newt ( <i>Taricha Granulosa</i> ).	Amber Stokes
Evelyn Sanginez	Business	Decision-Making in the Oil Industry During a Period of Social Upheaval	Jeremy Wood
Natasha Selene	Psychology	Self-Esteem and the Ideal Body Type	Richard Zamora
Alexander Slabey	Doctorial Program in Education Leadership	Examining Faculty Retention during the COVID-19 Pandemic in Higher Education	Brian Street
Yi Hua Tseng	Business	Yelp during the pandemic.	Zhenning Xu
Natalie Velasco	Public Policy and Administration	Felony Disenfranchisement: Origins, Analysis and Policy Recommendations.	Kallee McCullough
Olivia Warren	Masters, Public Administration	A Phenomenological Study of the Stigma of Mental Health within Black College Students.	Juterh Nmah
Alex Welch	Biology	Overstory species impact ecological communities in the San Joaquin Valley of California.	Kane Keller