**MEMORANDUM**

**Student Research Scholars (SRS) for academic year 2024-25.**

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| **Student Name**  | **Department**  | **Title of Project**  | **Faculty Mentor**  |
| Zachary Federici | Management & Marketing  | CEO Regulatory Focus and Firm Performance: A Meta-Analysis | Dr. Sunjin Pak  |
| Brookelynn Reed | Psychology | Effects of High Fat Diet on Reward Maximization Utilizing a Sequential Patch Depletion Paradigm in Rats | Dr. Amy Gancarz  |
| Mitchell Alvardo | Mathematics | Refining Undergraduate Student Self-Assessment Criteria of Successful Proof Writing | Dr. Aubrey Kemp |
| Jennifer Kobee | Chemistry and Biochemistry | Extraction and Quantification of Heavy Metals in Soil Samples using Magnetic Nanoparticles | Dr. Lance Talbert  |
| Kenya Espinoza | Chemistry and Biochemistry | Synthesis of Potential Inhibitors for Lysyl Oxidse (LOX) | Dr. Danielle Solano |
| Marcos Ramirez | Biology | Vessel diameter in woody angiosperm trees and shrubs | Dr. Anna Jacobsen |
| Liliana Ibarra Cazas | Arts & Humanities | Testimonios: Experiencia Universitaria Latina | Judd Johnson |
| Sonia Gomez | Economics | The Middle Class Refund | Dr. Richard Ryan |
| Joey Bernard | Human Resources | FROM POLLUTION TO ACTION: UNRAVELING THE IMPACT OF AIR QUALITY ON EMPLOYEE ENVIRONMENTAL BEHAVIOR AND RETENTION IN THE SAN JOAQUIN VALLEY  | Dr. Sunjin Pak  |
| Alexandra Brown | Biology  | Microplastic seasonal variation in coastal shellfish and sediments linked with estuary protection status and watershed anthropogenic development | Dr. Rae McNeish |
| Jonathan Valencia | Chemistry and Biochemistry | Geosmin Synthesis | Dr. Danielle Solano |
| Donald Hudson | Biology | Determining the role of A-factor in the bacterium Rhodococcus fascians D188 | Dr. Isolde Francis |
| Paulette Hacopian | DPEL: Doctoral Program in Educational Leadership | Exploring Perceptions of Accommodations Among College Students With Disabilities | Dr. Juterh Nmah  |
| Jesse Okoli | Kinesiology | Remote Ischemic Preconditioning effects on Muscular Strength and Endurance in Young Adults | Dr. Jahyun Kim |
| Jade Dominguez | Biology | Microplastic pollution in fish that are reared under aquarium conditions | Dr. Rae McNeish  |
| Francisco Ortega | Biology | Identification of mycorrhizal species in symbiosis with locally grown carrots  | Dr. Isolde Francis |
| Jasmin Benavides | Kinesiology | Effects of Personal Physical Fitness Levels on the efficacy of Remote Ischemic Preconditioning on Cardiovascular Health | Dr. Jahyun Kim |
| Gisel Larios | Chemistry | Norethisterone Derivitive  | Dr. Danielle Solano |
| Lhea Kathlyn Mae Domondon | Biology | Vessel arrangement within the vascular network and tree height  | Dr. Anna Jacobsen |
| Andrew Alba | Biology | Invasive effects of Ailanthus altissima on macroinvertebrate communities and freshwater habitats | Dr. Rae McNeish |
| Niki Hallmark  | Public Health  | A systematic review of sexual health programs among adolescents  | Dr. Andrea Lopez |
| Presleigh Behirs  | Social Work  | Acceptability and Accessibility of Street Medicine Services Vs. Traditional Healthcare Services | Dr. Ashleigh Herrera |
| Dayana Aguilar  | Chemistry | Optimizing Synthesis of Quinones for Redox Flow Batteries and Energy Storage  | Dr. Jesse Bergkamp |
| Karnig Estenssoro | Biology  | A Comparative Study of the Effects of Artificial Light on San Joaquin Kit Foxes in Urban and Non-Urban Areas | Dr. Lucas Hall |
| Rachel Howe | Biology | The Mystery of Macrobdella decora | Dr. Amber Stokes |
| Kira Beaudin  | Philosophy  | Existential Harms of Mandatory Overtime for Blue Collar Workers in Tehachapi, California | Dr. Sanem Saner |
| Brooklyn Macross | Geology  | Determining Potential for Long-Term Carbon Sequestration through Carbon Mineralization within Mine Tailings of the Mojave Desert, California | Dr. Katie O’Sullivan  |
| Carmen Tomshack  | Religious Studies  | Moksha in Medicine: Illuminating the Sources and Capacities of Concepts in Mindfulness Based Therapy | Dr. Joseph Florez |
| Ainsley Nommensen  | Kinesiology  | Exercise Behavior in College Students: A Mixed-Method Study | Dr. Zachary Zenko |
| Juan Rodriguez | Math | How present is ChatGPT at CSUB? | Dr. Anjana Yatawara |
| Brett Julius | Philosophy  | Philosophy with Young Adults | Dr. Sanem Saner |
| Winnie Huang  | Psychology  | Are personality traits associated with avoidance of seeking health care among adult populations living in Kern and San Francisco counties?  | Dr. Heidi McLaughlin and Dr. Linh Bui  |
| Erick Rodriguez | Social Work  | CA Proposition 28 Policy Recommendation: Arts Education Program Development Support for Public Schools  | Belinda Vieyra  |
| Elda Felix Miranda  | History  | Braceros in Kern County: Stories of Exploitation | Dr. Kate Mulry  |
| Gabriel Moore | History  | Kern County's Chinese Customs:The Development and Stereotyping of Chinese Cultural and Spiritual Practices, 1857-1956 | Dr. John Chen  |
| Karla Avina | Chemistry and Biochemistry  | Development of a Green Reaction Approach: One-Pot Synthesis of Isoxazolines in Aqueous Media | Dr. Danielle Solano |
| Kristyn Delamar | Biology  | Investigations on the effects of predator cues on the unken reflex in Taricha granulosa  | Dr. Amber Stokes  |
| Abigail Sanchez | Agriculture Business | Developing a butterfly garden at CSUB to support the Monarch butterfly and other insects | Dr. Antje Lauer  |
| David Rivas | Chemistry  | Optimal Degradation of Ofloxacin in Various Conditions and Byproducts | Dr. Hanoz Santoke  |
| Gurnaaz Deol  | Chemistry  | Ofloxacin Degradation | Dr. Hanoz Santoke  |
| Rachel Budge  | Biology  | Do Rocket Launches Influence the Nesting Ecology of Western Snowy Plovers (Charadrius nivosus nivosus) and California Least Terns (Sterna antillarum browni)? | Dr. Lucas Hall  |