

2018 Summer Undergraduate Research Experience Grant Recipients

Student(s)	Faculty Mentor(s)	Title of Project	Department
Mohamed Nawwar	Benjamin White	Effect of La and Ce Substitution on the Superconducting State of Ba _{0.6} K _{0.4} BiO ₃	Physics
Trent Adams	Breanyn MacInnes	Quantifying Taphonomic Changes in Tsunami and Paleotsunami Deposits in Nigue Sur, Chile	Geology
Scout Wesselman	Derek Ricketson	Investigating Mgm1-Mgm1 Self-Interactions	Chemistry
Joseph Thomas	Sooie-Hoe Loke	The Price of a Ghost Coin: Bitcoin's price modeled through macro and micro economic methods	Actuarial Science
Autumn Adams	Hope Amason	Female Identity in Higher Education	Anthropology
Jason Bradshaw	Sterling Quinn	CWU Interactive Sustainability Map	Geography
Juan Mendoza	Jean Marie Linhart	Modeling the Historic Global Human Population	Mathematics
Nicole Sam	Liane Pereira	The Lived Experiences of Emerging AI/AN Adults in an Urban Treatment Center: A developmental perspective	Psychology

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Autumn Adams	Charles Reasons	Domestic Violence on Reservations: Social and Legal Issues	Law and Justice
Gabriel Borello	Nathan Kuwada	Interaction of Escherichia Coli and Epicuticles	Physics
Susana Camacho Plascencia	Todd Kroll	Investigating a Potential Three-Way Interaction Between the Emx2, Qkl-7, and Cnot61 Proteins	Chemistry
Jessica Carder	Nathan Kuwada; Erin Craig-Ricketson	Analyzing the 3-Dimensional Orientation of Microtubules in Confined Geometries	Physics
Antonio Guadarrama	Dominic Klyve	A New Approach to Understanding Primes: Lucky Numbers	Mathematics
Jessica Kisner	Darci Snowden	The Eclipse Ballooning Project	Physics
Amanda Ladner	April Binder	Investigations of Hormone-Linked Metabolic Changes in a Mouse Model of PCOS	Biological Sciences
Adrian Slade and Tyler Larsen	Dan Beck	Road Mortality and Movement Patterns of Snakes in Central Washington	Biological Sciences
Anthony Perez	Susan Kaspari	Ice Core Reconstruction of Black Carbon Deposition on South Cascade Glacier	Geological Sciences
Christopher Powell	Sooie-Hoe Loke	The Sound of Survival: Insurance for Health	Actuarial Science
Nic Ragland	Gil Belofsky	Biological testing, Isolation, and Characterization of Compounds of Dalea lanata (Fabaceae)	Chemistry

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Jasmine Bates and Clairissa De La Vergne	Breanyn MacInnes	Tsunami Deposits in Crockett Marsh, Whidbey Island	Geology
Hannah Braunstein	Timothy Beng	Synthetic Applications of a Versatile Lactamoyl Ester	Chemistry
Lindsay Engels	Blaise Dondji	Assessment of Anthelmintic Activity of Natural Plant Extracts on Hookworm	Biological Sciences
Funkhouser, Jake	Jessica Mayhew	Chimpanzee Social Structure and Enclosure Space Use at Chimpanzee Sanctuary Northwest	Primate Behavior and Ecology
Lori Molzan	Liane Pereira	Narratives of Student Veterans: Linking Educational Paths and Life Stories	Psychology
Raegan Nelson	April Binder; Kara Gabriel	Investigations of Physiology and Behavior in a Mouse Model of PCOS	Biological Sciences; Psychology
Drew Slocum	Eric Graham	Fitness Consequences during Competition with Kin and Non-Kin Arabidopsis thaliana and Brassica rapa	Biological Sciences
Dylan Whitaker	Aaron Montgomery	Exploring Chipsets	Mathematics