

Spring/Summer-Fall 2018 UROP Funded Projects

Student Last Name	Student First Name	Research Category	Title of Project	Faculty Mentor	Department
Arif	Afrah	Life Sciences	Immunophenotyping of M1 Macrophages in Acute Atherosclerosis	Nardhy Gomez-Lopez	Obstetrics and Gynecology
Burton	Timothy	Engineering	Development of a Combined Ultrasound and Photoacoustic Endoscope for Gynecologic Cancer Imaging Applications	Mohammad Mehrmohammadi	Biomedical Engineering
Denman	Lydia	Arts & Humanities	Revising Schliemann: Ancient Scholars and their Influence on Archeological Research and Teaching	Thomas Killion	Anthropology
Doree	Amelia	Behavioral & Social Sciences	Comparing European and American Automotive Advertisements	Andrea Tangari	Marketing
Fresard	Sara	Life Sciences	Defining the expression of Heat Shock Protein gene 68 in the adult eye of <i>Tribolium Castaneum</i>	Markus Friedrich	Biological Sciences
Gretzinger	Anna	Life Sciences	Characterization of a degradation motif in a global transcriptional regulator that controls biofilm formation in the bacteria <i>Myxococcus Xanthus</i>	Penelope Higgs	Biological Sciences
Hadous	Michael	Physical Sciences	The Effects of 432 Hz on Growth and Asexual Reproduction in <i>Daphnia Oalex</i>	Donna Kasion	Biological Sciences
Hehr	Aneesh	Behavioral & Social Sciences	Effects of sleep duration on emotional health and emotion-related brain connectivity in children and adolescents	Christine Rabinak	Pharmacy Practice
Hylkema	Hannon	Behavioral & Social Sciences	Urban residency in greater Accra: An investigation of architectural affect	Andrew Newman	Anthropology
Jacob	Tresa	Life Sciences	Modulatory Influences of the Dorsal Anterior Cingulate Cortex in Motor Control During Simple Uni-Manual Motor Behavior	Vaibhav Diwadkar	Psychiatry and Behavioral Neuroscience
Lewis	Dayzsa	Physical Sciences	Stability of Divalent Metals with Tertiary Amine Complexes	Matthew Allen	Chemistry
Marchesi	Rachel	Arts & Humanities	Playing with Art	Diana Baldensperger	Art Education
Martinelli	Kaitlin	Behavioral & Social Sciences	Bernardo Grosser: Jewish Rescuer in Fascist Italy	Aaron Retish	History
Matsko	Bohdan	Life Sciences	Eliciting an Enhancement of Cell Invasiveness in Response to Mechanical Forces by Downregulating Integrin B3	Karon Beningo	Biological Sciences
Michaels	Chloe	Arts & Humanities	The New Frontier: Social Media and Politics	Kelly Donnellan	Communication
Nasser	Sandra	Physical Sciences	Chelating Bis(alkoxide) for Chromium-Catalyzed Synthesis of Carbodiimides	Stanislav Groysman	Chemistry
Neely	Rebecca	Arts & Humanities	Creative Exploration of Additive Processes Through Experimental Inclusion Casting	Evan Larson-Voltz	Art & Art History

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Nguyen	Logan	Life Sciences	In Vitro Evaluation of the Activity of Colistin Alone and in Combination with Meropenem, Sulbactam, Minocycline, Tigecycline, Rifampicin, Vancomycin, or Daptomycin Against Colistin Resistant <i>Acinetobacter Baumannii</i>	Michael Rybak	Pharmacy Practice
O'Meara	Megan	Life Sciences	The role of G Protein Coupled Receptor 39 in regulation of endothelial progenitor cells	Jiemei Wang	Pharmaceutical Sciences
Plegue	Aaron	Arts & Humanities	Living History: A Study of Saxophone Repertoire	Matthew Younglove	Music
Podushkina	Diona	Life Sciences	In situ gene detection in spinach chromosomes and tissue	Edward Golenberg	Biological Sciences
Ramzan	Ali	Physical Sciences	Assmely of Co2-xFexP Nanoparticles into Three Dimensional Architectures through Sol-gel Assembly	Stephanie Brock	Chemistry
Roberge	Chelsea	Behavioral & Social Sciences	TREATment to Entice Maternal Care: A Translational Model for Skin-to-Skin Contact	Susanne Brummelte	Psychology
Sodhi	Darpan	Engineering	Evaluating the effect of laser light on the growth of Melanoma Cells	Mohammadreza Nasiriavanaki	Biomedical Engineering
Tirumala	Siddharth	Life Sciences	Reprogramming Human Fibroblasts to an Adult Stem Cell Fate	Benjamin Kidder	Oncology
Walsh	Adeline	Behavioral & Social Sciences	Comparing Museum Management in the United States and the United Kingdom	Kidada Williams	History
Warren	Leah	Arts & Humanities	The Impact of the Great Famine on Irish Public Health	Marsha Richmond	History
Weis	William	Arts & Humanities	Carolingian Court Culture in the Mirror of Carolingian Historical Manuscripts in Vienna	Hans Hummer	History
Zamzam	Mazen	Behavioral & Social Sciences	The Role of Food Deserts on the Children and Infant Population in Detroit	Heather Dillaway	Sociology
Zelenak	Rachel	Behavioral & Social Sciences	Emotional Regulation Strategies as Moderators Between Anger and Alcohol Craving	Emily Grekin	Psychology
Zhang	Aaron	Engineering	Cybersecurity of CAN Gateways in Automobiles	Fengwei Zhang	Computer Science