SPECIAL POSTER
College of Science students matriculating to Graduate or Professional Schools in Spring 2017 and students working in off-site programs during Summer 2017.
RESEARCH POSTERS
Presenting students are underlined.
Department of Biological Sciences
Sensory Activity is Required to Maintain Synaptic Integrity in C. elegans.

# **Department of Biological Sciences**

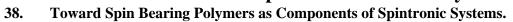
## **Department of Biological Sciences**

Characterization of the Recurrent Beta-catenin His36Arg Mutation: Roles for pH-Sensing in Tumorigenesis.
Faculty:
Methods of Determining Bacteral Diversity Along a Precipitation Gradient in the Mojave Desert
Faculty:
Endothelial Cells Contribute to Early Lymphocytosis in Whooping Cough.
Department of Chemistry Synthesis of Polymers Containing Precisely Placed Ketone Functional Groups Via ADMET Polymerization.
Faculty:
Synthesis of Amphiphilic Block Copolymers Via ALTMET Polymerization.
Faculty:
The Synthesis of High Chi Polymers and Their Thermal Stability.
Faculty:
Using Photoaffinity Labeling to Determine Target Proteins in <i>Pseudomonas aeruginosa</i> . <u>Kareem Aboulhosn, Zi Jun Chen, Rebecca Moore</u> Faculty: Laura Miller Conrad
Inhibition of Cationic Antimicrobial Resistance in Pseudomonas aeruginosa.
Faculty: Laura Miller Conrad
Disrupting Bacterial Communication by Inhibition of LuxI-Type Synthases.
Faculty: Laura Miller Conrad
Computational Models Characterizing the Role of Flexibility in Binding Peptides to TAR RNA.
Faculty:
Computational Characterization of Alternative Structural Features in an Allosteric Dodecameric Polyamine Acetyltransferase SpeG.

## **Department of Chemistry**

28.	Optical Properties of Mixed Sulfuric Acid/Organic Aerosols in the Upper Troposphere and Lower Stratosphere: Implications for Climate.				
	Faculty:				
29.	${f E}$				

### **Department of Chemistry**



39. C-H Functionalization Via Light-Driven Biocatalysis and Photocatalysis.

Department of Chemistry
44B. Evaluation of Perfluorinate and Non-Perflurorinate Columns.

## **Department of Geological Sciences**

55.	Characterization of Volcanic Material from Fuerteventura as a Potential Mars Analog Site				
	Faculty:				

56. Displacement History of the Pasayten Fault Zone in the North Cascades, Washington and British Columbia.