

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

1. **Sensory Activity is Required to Maintain Synaptic Integrity in *C. elegans*.**

Department of Biological Sciences

Department of Biological Sciences

17. **Characterization of the Recurrent Beta-catenin His36Arg Mutation: Roles for pH-Sensing in Tumorigenesis.**

Faculty:

18. **Methods of Determining Bacterial Diversity Along a Precipitation Gradient in the Mojave Desert.**

Faculty:

Endothelial Cells Contribute to Early Lymphocytosis in Whooping Cough.

Department of Chemistry

20. **Synthesis of Polymers Containing Precisely Placed Ketone Functional Groups Via ADMET Polymerization.**

Faculty:

21. **Synthesis of Amphiphilic Block Copolymers Via ALTMET Polymerization.**

Faculty:

22. **The Synthesis of High Chi Polymers and Their Thermal Stability.**

Faculty:

23. **Using Photoaffinity Labeling to Determine Target Proteins in *Pseudomonas aeruginosa*.**
Kareem Aboulhosn, Zi Jun Chen, Rebecca Moore

Faculty: Laura Miller Conrad

24. **Inhibition of Cationic Antimicrobial Resistance in *Pseudomonas aeruginosa*.**

Faculty: Laura Miller Conrad

25. **Disrupting Bacterial Communication by Inhibition of LuxI-Type Synthases.**

Faculty: Laura Miller Conrad

26. **Computational Models Characterizing the Role of Flexibility in Binding Peptides to TAR RNA.**

Faculty:

27. **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. E**

Department of Chemistry

- 38. Toward Spin Bearing Polymers as Components of Spintronic Systems.**

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

Department of Chemistry

44B. Evaluation of Perfluorinate and Non-Perfluorinate 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.**

