

# 2014 ULM Student Research Symposium

## POSTER PRESENTATION LIST

### College of Arts, Education and Sciences

#### *School of Sciences, Department of Biology Undergraduate Poster Presentations*

1. Erin Rizzo, Stephen Jackson, Jobi Arceneaux, Rebecca Baudin, Rudolf Beutner, MaryBeth Borque, Lara Crawford, Amy Fontenot, Brice Gillikin, Mallorie Hayes, Rachel Johnston, Meghan Kurz, Maroutcha Mouawad, Abigayle Reed, Catherine Schilling, Zachary Streeter, John Vu, Tyriana Wilson, Amanda Scott, Meghan Richters, Dustin Lovas, Grant Jernigen, Thai Nguyen, Swapan Bhuiyan, J. Derek Jones, Brittany Miller, Jeremy Harmson, Christopher R. Gissendanner, Allison M.D. Wiedemeier, and Ann M. Findley, Department of Biology, School of Sciences, Comparative Analysis of A3, A4, and A10 Mycobacteriophages: Sequence Homology at the Repressor Binding Site Results in Homoimmunity of Related Mycobacteriophages.
2. Erin Rizzo, Stephen Jackson, Jobi Arceneaux, Rebecca Baudin, Rudolf Beutner, MaryBeth Borque, Lara Crawford, Amy Fontenot, Brice Gillikin, Mallorie Hayes, Rachel Johnston, Meghan Kurz, Maroutcha Mouawad, Abigayle Reed, Catherine Schilling, Zachary Streeter, John Vu, Tyriana Wilson, Amanda Scott, Thai Nguyen, Anshika Malaviya, Swapan Bhuiyan, J. Derek Jones, Brittany Miller, Jeremy Harmson, Allison Wiedemeier, Paul D. Wiedemeier, Christopher R. Gissendanner, and Ann M. Findley, Department of Biology, School of Sciences, Restriction Enzyme Profiling for the Identification of Unknown Mycobacteriophage.
3. Ifeoluwa Babatunde, Cortez Davis, Brittany Miller and Allison Wiedemeier, Department of Biology, School of Sciences, USE OF BACTERIOPHAGE IN THE CONTROL OF CROWN GALL DISEASE CAUSED BY *AGROBACTERIUM TUMEFACIENS* IN TOMATO PLANTS.

#### *School of Sciences, Department of Chemistry Undergraduate Poster Presentations*

4. Kamil Krynski, Zachary Streeter, Ollieanna Burke, C. M. Evans and G. L. Findley, Department of Chemistry and Biochemistry, School of Sciences, Field Ionization and photoionization of CH<sub>3</sub>I perturbed by diatomic molecules: electron Scattering in H<sub>2</sub>, HD, D<sub>2</sub>, O<sub>2</sub> and CO.

## **College of Arts, Education and Sciences Continued**

### ***School of Sciences, Department of Atmospheric Science Undergraduate Poster Presentations***

5. Stephen J. Kreller and Dr. Larry J. Hopper, Jr., Department of Atmospheric Science, School of Sciences, Which Hurricane Attributes are most Strongly Correlated with Maximum Storm Surge Height?
6. Anthony Viramontez and Larry J. Hopper, Jr., Department of Atmospheric Science, School of Sciences, Variations in Raindrop Size Distributions Associated with Diverse Storm Types and Structures.

### ***School of Sciences, Department of Biology Graduate Poster Presentations***

7. Anthony Ballard, Department of Biology, School of Sciences, Recording and analyzing feral hog damage in Louisiana's southern marshes."
8. James Holt, Department of Biology, School of Sciences, Availability of lead shot to mourning dove in managed fields on Sandy Hollow WMA.

## **College of Health & Pharmaceutical Sciences**

### ***School of Health Professions Graduate Poster Presentations***

9. Johanna Boulton, Britney Albrez, Hollie Fryer, Katie Rodrigue, Maura Smith, and Lindsey Vickery, School of Health Professions, The Pronunciation of "aks" in Relation to Socioeconomic Status.
10. Boulton, Fontana, Hudson, Miller, Miller, Patel and Wills, School of Health Professions, Variation in Use of "finna" across Speaker SES and Gender, and Interlocutor Race.
11. Boulton, Futch, Holt, Hughes, Morse, Plasket and Thomas, School of Health Professions, A Sociolinguistic Study of Overgeneralized Pronunciation of "-ing" in Southern White Women in the First and Last Years of University Study.
12. Boulton, Burda, Davis, Martin, Reaux, and Williams, School of Health Professions, Acoustic Analysis of the Use of the Southern Vowel Shift in Northeast Louisiana.

The number shown corresponds to a numbered cork board upon which the poster should be displayed.

## **College of Business and Social Sciences**

### ***Undergraduate Poster Presentations***

13. K. Rider and K. Garvey, Department of Psychology, School of Behavioral & Social Sciences, Individual differences of state wide use of drugs.
14. S. Wagle and P. D. Wiedemeier, Department of Computer Science, School of Accounting, Financial and Information Services, A WEB-BASED BIOINFORMATICS TOOL TO ROTATE, ALIGN, AND MATCH SCLERAL OSSICLE PATTERNS.
15. K. Smith and K. Garvey, Department of Psychology, School of Behavioral & Social Sciences, Fear, disgust, and ontology: What kind of morality is at stake?

### ***Graduate Poster Presentations***

16. McNeal and K. Garvey, Department of Psychology, School of Behavioral & Social Sciences, Parasite prevalence and the representativeness heuristic: When jumping to conclusions is adaptive.
17. V. Bangalore, L. Hale, J. Palmer, Department of Behavioral and Social Sciences, School of Behavioral & Social Sciences, AN EXAMINATION OF THE RELATIONSHIP BETWEEN ALTRUISM AND DEMOGRAPHIC VARIABLES.
18. H. Pettigrew and K. Garvey, Department of Psychology, School of Behavioral & Social Sciences, How schizophrenia influences society and how society influences schizophrenia.
19. M.M. Hall-Medlin and J. Palmer, Department of Behavioral and Social Sciences, School of Behavioral & Social Sciences, Religiosity as a Predictor of Altruistic Belief and Action.
20. R. Ting, K. Garvey, Department of Behavioral Sciences, School of Behavioral & Social Sciences, THE PERSONALITY BEHIND YOUR PHONE BACKGROUND.
21. C. Montgomery, K. Garvey, Department of Behavioral Sciences, School of Behavioral & Social Sciences, FACTORS CONTRIBUTING TO DIFFERENCES IN REGIONAL IQ.
22. V. Bangalore, C. Curry, and K. Garvey, Department of Psychology, School of Behavioral & Social Sciences, Pathogen prevalence, social media, and emotional traits: Geographic differences in “tweet” content.

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## **College of Health & Pharmaceutical Sciences**

### ***School of Pharmacy Undergraduate Poster Presentations***

23. Andrew Massey, Khaled Hamad and Sami Nazzal, School of Pharmacy, PREPARATION AND OPTIMIZATION OF C18 CERAMIDE IIIB LOADED NANOPARTICLES FOR CANCER-SPECIFIC DRUG DELIVERY.
24. Tam Le, KimNgoc Tran, Turki Alhagbani and Sami Nazzal, School of Pharmacy, MANUFACTURED TABLETS DISPLAY UNIQUE IDENTIFIABLE COLOR PROPERTIES: A POTENTIAL TECHNIQUE FOR THE DETECTION OF COUNTERFEIT DRUG MEDICATIONS
25. Prashant Sharma, Ruta Gabregiorgis, Ahmed Sleem, Ahmed Abu Fayyad, Khalid El Sayed and Sami Nazzal, School of Pharmacy, THE EFFECT OF CYCLODEXTRIN ON THE SOLUBILITY OF PHENYLMETHYLENE HYDANTOIN.
26. Courtney Cain, Loqman A. Mohamed, Amal Kaddoumi, School of Pharmacy, Hepatic Disposition of Tacrine.
27. Katherine Gary, Mohamed Mohyeldin, Khalid El Sayed, School of Pharmacy, ISOLATION AND ANALYSIS OF AN OLEOCANTHAL-RICH FRACTION FROM EXTRA-VIRGIN OLIVE OIL AND ITS STANDARDIZATION AS A NEW DIETARY-BASED C-MET INHIBITOR FOR THE CONTROL OF METASTATIC BREAST MALIGNANCIES
28. Nathan Simpson, Derrick Cardin, and Christopher Gissendanner, School of Pharmacy, Studying Protein Interactions of the *Caenorhabditis elegans* Protein PAN-1 using an RNA Interference Based Genetic Screen.

## **College of Health & Pharmaceutical Sciences Continued**

### ***School of Pharmacy Graduate Poster Presentations***

29. Pratistha Tamrakar, Prem Krishna Shrestha and Karen P. Briski, School of Pharmacy, Sex-Specific Basal and Hypoglycemic Patterns of *In Vivo* Caudal Dorsal Vagal Complex Astrocyte Glycogen Metabolic Enzyme Protein Expression.
30. Sandeep Pallerla, Rushikesh Sable, Dinesh Bupathiraju, Graca Vicente, Seetharama D. Satyanarayanajois, School of Pharmacy, DESIGN OF DOXORUBICIN-PEPTIDOMIMETIC CONJUGATE FOR THE TARGETED DELIVERY OF DOXORUBICIN TO THE HER2 RECEPTOR
31. Parash Parajuli, Roshan V. Tiwari and Paul W. Sylvester, School of Pharmacy, Antiproliferative Effects of  $\gamma$ -Tocotrienol is Associated with Decreased c-Myc Stability in Breast Cancer Cells
32. Suryatheja Ananthula, Parash Parajuli, Fathy Behery, Alaadin Ayoubi, Khalid El Sayed, Sami Nazzal and Paul W. Sylvester, School of Pharmacy, Oxazine Derivatives of  $\gamma$ - and  $\delta$ - Tocotrienol Display Potent Anticancer Effects In Vivo
33. Priyanka Prathipati, Debra W. Jackson, Keith E. Jackson, School of Pharmacy, RECURRENT INSULIN INDUCED HYPOGLYCEMIC ELEVATION OF INTERSTITIAL ATP AND ANGIOTENSIN II AUGMENTING RENAL INJURY.
34. Ahmed I. Foudah, Mohamed Akl, Asmaa Sallam, and Khalid A. El Sayed, School of Pharmacy, DISCOVERY AND HIT-TO-LEAD OPTIMIZATION OF THE MARINE-DERIVED SIPHOLANES FOR THE CONTROL OF INVASIVE BREAST CANCER THROUGH SUPPRESSION OF BRK AND FAK SIGNALING.
35. Mohamed Mohyeldin, Mohamed Akl, Belnaser Busnena, Khalid El Sayed, School of Pharmacy, C-MET INHIBITORY OLIVE SECOIRDOIDS AND SEMISYNTHETIC BIOISOSTERES: IN VITRO AND IN VIVO ACTIVITIES FOR THE CONTROL OF INVASIVE BREAST CANCER.
36. Hassan Ebrahim, Wael Houssen, Mohamed Akl, and Khalid El Sayed, School of Pharmacy, RATIONAL DESIGN OF ANTICANCER HITS BASED ON PRIVILEGED STRUCTURAL MOTIFS OF NATURAL PRODUCTS FROM THE TERRESTRIAL FUNGUS *ASPERGILLUS TERREUS*.
37. Heba E. Elsayed, Mohamed R. Akl, Hassan Y. Ebrahim, Asmaa A. Sallam, Eman G. Haggag, Amel M. Kamal, Khalid A. El Sayed, School of Pharmacy, DISCOVERY, OPTIMIZATION, AND PHARMACOPHORE MODELING OF OLEANOLIC ACID AND ANALOGS AS BREAST CANCER MIGRATION AND INVASION INHIBITORS THROUGH TARGETING BRK/PAXILLIN/RAC1 AXIS.

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## **College of Health & Pharmaceutical Sciences Continued**

### ***School of Pharmacy Graduate Poster Presentations Continued***

38. Derrick Cardin, Nathan Simpson, and Christopher Gissendanner, School of Pharmacy, Activity and functional interactions of the extracellular leucine-rich protein PAN-1 during larval development of the nematode *Caenorhabditis elegans*.
39. Vindya Vorubindi, Yong-Yu Liu, School of Pharmacy, MIXED-BACKBONE OLIGONUCLEOTIDE AGAINST GLUCOSYLCERAMIDE SYNTHASE RESTORES WILD-TYPE P53 FUNCTIONS IN POINT MUTANT P53.
40. Yazan Batarseh and Amal Kaddoumi, Characterization of beta amyloid clearance by mouse cortical astrocytes.