

# 2018 ULM Student Research Symposium

## POSTER PRESENTATION LIST

### College of Arts, Education and Sciences

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

1. **K. Feroben**, Biology, *Functional Annotation of Three *Gordonia terrae* phages: Sombrero (CS2 cluster); Dogfish (DT cluster); and Catfish (Singleton)*, Faculty Mentor: Dr. Ann M. Findley
2. **Gillian Holder**, Biology, *Purification and Enzyme Activity of *Giardia lamblia* eIF4A*, Faculty Mentor: Dr. Srinivas Garlapati
3. **Cassidy Horton**, Biology, **Agrobacterium tumefaciens* MG Site 4 Bacteriophage *Lysogen Super-Immunity Studies**, Faculty Mentor: Dr. Allison Wiedemeier
4. **Linda Lee**, Biology, *Relative Growth in Carapacial Scutes of Terrestrial Turtles*, Faculty Mentor: Dr. John L. Carr
5. **John P. Neal**, Biology, *Identification of anti-giardial activity in Lichens*, Faculty Mentor: Dr. Srinivas Garlapati
6. **Sangya Sharma**, Biology, *Construction of GTOR-BirA ligase fusion vector for integration into *Giardia* genome*, Faculty Mentor: Dr. Srinivas Garlapati

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

### ***School of Sciences, Undergraduate Physical Sciences Poster Presentations***

7. **Ramesh Bista**, Chemistry, *Rational design and synthesis of substituted chiral BINAM ligands for asymmetric catalysis*, Faculty Mentor: Dr. Siva Murru
8. **Min Jee Kim**, Chemistry, *Development of New Methods for Substituted Pyrazoles via Bromination and Suzuki-Miyaura Coupling*, Faculty Mentor: Dr. Siva Murru
9. **Sachin Thapa**, Atmospheric Science, *Best Pressure Level/Latitude Band to Track Easterly Waves Over Different Regions Using NCEP-NCAR Reanalysis*, Faculty Mentor: Dr. Ken Leppert II
10. **Kimberly Tran**, Chemistry, *Synthesis of Nitrogen Heterocycles for Antimicrobial Activity*, Faculty Mentor: Dr. Siva Murru

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

11. **Timothy Shannon McMahan**, Biology, *Using riboswitch to control Internal Ribosome Entry Site mediated translation initiation in Giardiavirus*, Faculty Mentor: Dr. Srinivas Garlapati
12. **Simi Ogundare**, Biology, *Bacteriophage Classification Using a Super-Immunity Based Lysogen Library*, Faculty Mentor: Dr. Allison M.D. Wiedemeier
13. **Daniel Robert Orozco**, Biology, *Epigenetic Mechanisms and Histone Modifications in Giardia lamblia Antigenic Variation*, Faculty Mentor: Dr. Srinivas Garlapati
14. **Katelyn Setzer**, Biology, *Potential of Mycobacteriophages as Candidates for Phage Therapy - Identification of Phage that Infect Nontuberculous Mycobacteria Pathogens*, Faculty Mentors: Dr. Christopher R. Gissendanner and Dr. Ann M. Findley

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

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

### ***School of Management and Marketing, Undergraduate Poster Presentations***

15. **Trevonta Jones**, Management, *College Organizations' Benefits that Attract Students*, Faculty Mentor: Dr. Elizabeth Stammerjohan

### ***School of Accounting, Financial, & Information Services, Undergraduate Poster Presentations***

16. **Joshua Chisholm**, Accounting, *ACCOUNTING FOR LITIGATION LOSS CONTINGENCIES IN THE PHARMACEUTICAL INDUSTRY*, Faculty Mentor: Dr. Deborah Golemon
17. **Sujeong Jang**, Computer Information Systems, *Monitoring blood pressure and heart rate with Raspberry PI and Internet Of Things (IOT) technology*, Faculty Mentor: Dr. Peggy Lane
18. **Lawrence Khadka**, Computer Science, *A desktop tool that identifies discrepancies between the PhagesDB and Phage Enzyme Tool Actinobacteriophage databases*, Faculty Mentor: Dr. Paul D. Wiedemeier
19. **Rohan Maharjan**, Computer Science, *A Web-Based tool to show Restriction Endonuclease digestions of Actinobacteriophage*, Faculty Mentor: Dr. Paul D. Wiedemeier

### ***School of Accounting, Financial, & Information Services, Graduate Poster Presentations***

20. **Avast Pokharel**, Finance, *Do Stock Prices React to Confidential Treatment Orders Issued By the SEC? An Event Study*, Faculty Mentors: Dr. Eugenie Ardoin and Dr. Arturo Rodriguez

### ***School of Behavioral and Social Sciences, Undergraduate Poster Presentations***

21. **Rachel Allen**, Psychology, *Effects of Media Priming on Personality Traits*, Faculty Mentor: Dr. Jack Palmer
22. **Carly Herrera**, Psychology, *Ethnic Differences in Self-Esteem*, Faculty Mentor: Ms. Mary Elizabeth Bridges

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

### ***School of Behavioral and Social Sciences, Graduate Poster Presentations***

23. **Delia Scott**, Psychology, *Magical Ideation and Trait Anger Predicts Belief in Conspiracies*, Faculty Mentor: Dr. Rick Stevens
24. **Jacob Harrison**, Psychology, *Religiosity, Spirituality, Gender, and their impact on Moral Dilemmas*, Faculty Mentor: Dr. Janelle McDaniel
25. **Katrina Charette**, Psychology, *The Effect of High/Low Impostor Phenomenon on General Fear of Failure*, Faculty Mentor: Dr. Janelle McDaniel
26. **Anjeela Bhattarai**, Psychology, *Effects of Media Priming on Prosocial Behavior*, Faculty Mentor: Dr. Jack Palmer
27. **Victoria Dowden**, Criminal Justice, *A Crisis Intervention Team (CIT)*, Faculty Mentor: Dr. McKay Bonner
28. **Mark S. Johnson**, Criminal Justice, *Comparisons of Law Enforcement Fatalities and Accidents in the U.S.: 2007-2017*, Faculty Mentors: Dr. R. Hanser and Dr. K. Kim

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

### ***School of Health Professions, Undergraduate Poster Presentations***

29. **Mallary Aycock**, Health Professions, *Long-term Effects of Munchausen by Proxy*, Faculty Mentor: Dr. Jessica Dolecheck
30. **Elizabeth Bellotte**, Health Professions, *Diversity Among Healthcare Professionals Related to Patient Satisfaction*, Faculty Mentor: Dr. Jessica Dolecheck
31. **Roberta Castillo**, Health Professions, *The Criminal Justice System Treatment of Individuals with Mental Illness*, Faculty Mentor: Dr. Jessica Dolecheck
32. **Mary Grant Roth**, Health Professions, *The Role of Oral Health Literacy on Oral Health Outcomes*, Faculty Mentor: Dr. Jessica Dolecheck
33. **Erika Strozier**, Speech-Language Pathology, *A Community Literacy Conversation*, Faculty Mentor: Dr. Jennifer Whited & Mr. Rebecca Pickering
34. **Benjamin Vu**, Health Professions, *Impact of Electronic Health Records in Healthcare*, Faculty Mentor: Dr. Jessica Dolecheck
35. **Allison Wray**, Health Professions, *Effect of Increased Oral Bacterial Growth with Orthodontic Appliances*, Faculty Mentor: Dr. Jessica Dolecheck

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

36. **Abdullah B. Alansare**, Kinesiology, *The effects of high intensity interval training on heart rate variability in physically inactive adults*, Faculty Mentor: Dr. Hyun Chul Jung
37. **Caley Stone**, Speech-Language Pathology, *Impact of a Community Literacy Project Residency Program on Struggling Readers in 3<sup>rd</sup> Grade*, Faculty Mentor: Dr. Jennifer Whited & Mr. Rebecca Pickering
38. **Taylor West**, Speech-Language Pathology, *An Investigation of Student Clinician Perception of Live Text Message Feedback versus Retrospective Written Feedback*, Faculty Mentor: Dr. Anne Marie Sisk

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## ***School of Health Professions, Undergraduate Radiologic Technology Poster Presentations***

39. **Chelsea Barber**, Radiologic Technology, *Nuclear Stress Testing*, Faculty Mentor: Dr. Rebecca Hamm
40. **Asia Brooks**, Radiologic Technology, *Scoliosis*, Faculty Mentor: Dr. Rebecca Hamm
41. **Benjamin Che**, Radiologic Technology, *Chernobyl and Genetic Mutations*, Faculty Mentor: Dr. Rebecca Hamm
42. **Bridget Cook**, Radiologic Technology, *Bone Densitometry*, Faculty Mentor: Dr. Rebecca Hamm
43. **Alexis Metschuleit**, Radiologic Technology, *Early Brain Development In Infants At High Risk for Autism Spectrum Disorder Using Resting State Functional MRI*, Faculty Mentor: Dr. Rebecca Hamm
44. **Taylor McDonald**, Radiologic Technology, *Proton Therapy vs. Radiation Therapy*, Faculty Mentor: Dr. Rebecca Hamm
45. **Dondrikious Parker**, Radiologic Technology, *Vascular Ultrasound*, Faculty Mentor: Dr. Rebecca Hamm
46. **Kaylee Puckett**, Radiologic Technology, *Radiation and Gestational Stages*, Faculty Mentor: Dr. Rebecca Hamm
47. **Bryan Richard**, Radiologic Technology, *Fetal Hydrocephalus*, Faculty Mentor: Dr. Rebecca Hamm
48. **Kara Tate**, Radiologic Technology, *3D/4D Fetal Ultrasound*, Faculty Mentor: Dr. Rebecca Hamm
49. **Brittany Winser**, Radiologic Technology, *Mammography vs. Ultrasound on Regards to Breast Cancer Detection*, Faculty Mentor: Dr. Rebecca Hamm
50. **Kamari Young**, Radiologic Technology, *DDR and Radiographic Quality*, Faculty Mentor: Dr. Rebecca Hamm

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

### ***School of Nursing, Undergraduate Poster Presentations***

51. **Sarah L. Green**, Nursing, *Win, Lose, or Draw: Conducting Research to Decrease SIDS in a Rural African American Population*, Faculty Mentor: Dr. Debra Craighead

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

52. **Susan Egbert**, Pharmacy, *Computer-Aided Discovery of Novel Lichen-Derived c-Met Inhibitors for the Prevention of Breast Cancer Recurrence*, Faculty Mentor: Dr. Khalid El Sayed
53. **Jessie Grazier**, Pharmacy, *Role of Galectin-3 in Mediating the Anticancer and Metastatic Effects of  $\gamma$ -Tocotrienol in Highly Malignant +SA Mammary Tumor Cells*, Faculty Mentor: Dr. Paul W. Sylvester

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

54. **Santosh K. Mandal**, Pharmacy, *Role of Hindbrain Adenosine 5'-Monophosphate-Activated Protein Kinase (AMPK) in Hypothalamic AMPK and Metabolic Neuropeptides Adaptation to Recurring Insulin-Induced Hypoglycemia in the Male Rat*, Faculty Mentor: Dr. Karen P. Briski
55. **Joshua T. Salley**, Pharmacy, *USE OF CHEMOMETRICS AND PARTIAL LEAST SQUARES REGRESSION TO DETERMINE THE TOXIC CONSTITUENTS WITHIN VARIOUS CRUDE OILS TO SELECT ADVERSE RESPONSES*, Faculty Mentor: Sharon A. Meyer
56. **Mohammad Afaz Uddin**, Pharmacy, *P53 enhances Endothelial Barrier Function by suppressing APE1/REF1*, Faculty Mentor: Dr. Nektarios Barabutis
57. **Venkateshwara Dronamraju**, Pharmacy,  *$\gamma$ -Tocotrienol Negative Modulation of the Warburg Effect is Mediated by the AMPK Activation in Malignant Breast Cancer Cells*, Faculty Mentors: Dr. Karen P. Briski, and Dr. Paul W. Sylvester
58. **Mostafa M.H. Ibrahim**, Pharmacy, *Effects of Norepinephrine on Ventromedial Hypothalamic Nucleus Metabolic Transmitter Biomarker and Astrocyte Glycogen Metabolic Enzyme Estrogen Receptor Protein Expression in the Male Rat: Impact of 5' Adenosine-Monophosphate-Activated Protein Kinase*, Faculty Mentor: Dr. Karen P. Briski

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

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

59. **Khaldoun Abdelwahed**, Pharmacy, *A Spiro- $\gamma$ -Lactam Alkaloid from *Aspergillus fumigatus* as A Novel PCSK9-LDLR Interaction Inhibitor for the Control of Hormone-Dependent Breast Cancer*, Faculty Mentor: Dr. Khalid El Sayed
60. **Achyut Dahal**, Pharmacy, *EGFR TARGETED NEAR INFRARED (NIR) BODIPY-PEPTIDE CONJUGATES FOR COLON CANCER IMAGING*, Faculty Mentor: Dr. Seetharama D. Jois
61. **Leeza Shrestha**, Pharmacy, *PHYSICOCHEMICAL CHARACTERIZATION AND PHARMACOKINETIC STUDIES OF A HER-2 TARGETED PEPTIDOMIMETIC*, Faculty Mentor: Dr. Seetharama D. Jois
62. **ASM Hasan Mahmood**, Pharmacy, *Forebrain estrogen receptor-alpha versus beta receptor regulation of ventromedial hypothalamic nucleus gluco-regulatory marker protein and counter-regulatory hormone responses to hypoglycemia in the male rat*, Faculty Mentor: Dr. Karen P. Briski
63. **Chandra Mohan Reddy Muthumula**, Pharmacy, *Synthesis optimization for the development of a novel polymer and the effect of miR-30a on Pancreatic cancer cell*, Faculty Mentor: Dr. George Mattheolabakis
64. **Md. Main Uddin**, Pharmacy, *Role of Estrogen Receptor-Alpha (ER-alpha) and -Beta (ER-beta) in Ventromedial Hypothalamic Nucleus Gluco-regulatory Neuron Protein Marker, Monocarboxylate Transporter, and Astrocyte Adrenergic Receptor Expression in Adult Female Rats During Insulin Induced Hypoglycemia (IIH)*, Faculty Mentor: Dr. Karen P. Briski
65. **Himgauri Naik**, Pharmacy, *Design of a Novel Lipidated Peptidomimetic conjugate for Targeting EGFR Heterodimerization in Breast Cancer*, Faculty Mentor: Dr. Seetharama Jois
66. **Mohammed Qusa**, Pharmacy, *The Extra-Virgin Olive Oil Phenolic Oleocanthal: Stability and Solubility Studies and Novel Lead Triple Negative Breast Cancer-Suppressing Formulations*, Faculty Mentor: Dr. Khalid El Sayed
67. **Pravin. Parajuli**, Pharmacy, *DESIGN AND IN-VITRO STABILITY OF GRAFTED PEPTIDE FOR CD2-CD58 PROTEIN-PROTEIN INTERACTION*, Faculty Mentor: Dr. Seetharama Jois
68. **Jafrin Jobayer Sonju**, Pharmacy, *Spray Dried Curcumin Cyclodextrin Complex: Formulation Development and Physical Characterization*, Faculty Mentor: Dr. Sami Nazzal

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

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

69. **Ahmed Salawi**, Pharmacy, *Effect of Coating Process Parameters on Residual Solvents and Impact on Product Dissolution Behavior*, Faculty Mentor: Dr. Sami Nazzal
  
70. **Suresh K Nagumalli**, Pharmacy, *H-NMR BASED CHEMOMETRIC ANALYSIS OF MYELOSTIMULATORY ACTIVITY EXHIBITED BY ECHINACEA*, Faculty Mentor: Dr. Sharon A. Meyer
  
71. **Afsana Tajmim**, Pharmacy, *Novel Isolation and Formulations Studies of the Bioactive Olive Oil Phenolic Oleocanthal*, Faculty Mentor: Dr. Khalid El Sayed