

# 2019 ULM Student Research Symposium

## POSTER PRESENTATION LIST

### College of Arts, Education and Sciences

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

1. **Stacie Austin**, Education, *Nurturing Creativity: Second Grade Teachers' Perspectives and Practices*, Faculty Mentor: Dr. Shalanda Stanley

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

2. **Mallory Crawford**, Biology, *Can CA Cluster Rhodococcus erythropolis Phages Infect Gordonia terrae?*, Faculty Mentors: Dr. Allison M.D. Wiedemeier, Dr. Christopher Gissendanner, and Dr. Ann M. Findley
3. **Breanna Gottschalck**, Biology, "Preliminary Annotation of the *Gordonia terrae* CU3 Cluster Phage Dardanus, Faculty Mentors: Dr. Allison M.D. Wiedemeier, Dr. Christopher Gissendanner, and Dr. Ann M. Findley
4. **Anne Marie Hancock**, Biology, *Comparison of Gordonia terrae CU Cluster Phages with Singleton Phage Catfish*, Faculty Mentors: Dr. Allison M.D. Wiedemeier, Dr. Christopher Gissendanner, and Dr. Ann M. Findley
5. **Elizabeth Long**, Biology, *The impacts of a high sugar diet on feeding quantity overtime in Drosophila melanogaster*, Faculty Mentor: Dr. Matthew Talbert
6. **Darrell Bailey Mabou**, Biology, *Preliminary Results of Bacteriophage Infection on Static Biofilm Production in Agrobacterium tumefaciens*, Faculty Mentor: Dr. Allison M.D. Wiedemeier

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

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

7. **Ramesh Bista**, Chemistry, *Microwave Assisted Synthesis of Pyrazoles and Isoxazoles for Their Antimicrobial Activity*, Faculty Mentor: Dr. Siva Murru
8. **Isabel Chauvin**, Chemistry, *Synthesis, Characterization and Biological Evaluation of Chalcones and Flavonols*, Faculty Mentor: Dr. Siva Murru
9. **Brandon Cohen**, Atmospheric Sciences, *Variations in Pacific Tropical Cyclone Sizes and Precipitation in a GCM*, Faculty Mentor: Dr. Todd Murphy
10. **Sarah Corley**, Chemistry, *Effects of Pyrazoles on Doxorubicin-Induced Oxidative Stress in HL-1 Cardiomyocytes*, Faculty Mentor: Dr. Siva Murru
11. **Baxter Flor**, Chemistry, *Energy of the Quasi-Free Electron in CO and HD: Extension of the Local Wigner-Seitz Model to Polar Fluids*, Faculty Mentor: Dr. Gary. L. Findley
12. **Joseph Parton**, Atmospheric Sciences, *Temporal Trends in Cloud to Ground Lightning Around Monroe, LA*, Faculty Mentor: Dr. Todd Murphy
13. **Greg Sova**, Atmospheric Sciences, *A Climatological Analysis of the Variance of the Ellrod Turbulence Index based on Seasonality, the Diurnal Cycle, and the North Atlantic Oscillation*, Faculty Mentor: Dr. Todd Murphy

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

14. **Andrew Grieve**, Biology, *High fat diet causes obesity and increased JAK/STAT signaling in male and female Drosophila melanogaster*, Faculty Mentor: Dr. Matthew Talbert
15. **Bridget Konadu**, Biology, *The use of Drosophila Genetic Reference Panel to map genes and gene network underlying High fat induced Mortality*, Faculty Mentor: Dr. Matthew Talbert
16. **Timothy McMahan**, Biology, *Using riboswitch to control protein expression of Giardia Lamblia Virus in vivo*, Faculty Mentor: Dr. Srinivas Garlapati
17. **Sumit P Patel**, Biology, *Impacts on lifespan and energy homeostasis for genes identified by genome-wide association study of High Sugar Diet mortality in Drosophila melanogaster*, Faculty Mentor: Dr. Matthew Talbert

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***

18. **Bidhan Phuyal**, Management, *Case Study of Lubricant Company Development in Nepal*, Faculty Mentor: Dr. Elizabeth Stammerjohan

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

19. **Bibek Bhandari**, Computer Science, *An HTML5 Simulation and Animation of Three Data Communication “Casting” Scenarios*, Faculty Mentor: Dr. Paul D. Wiedemeier
20. **Bijay Giri**, Economics, *Assessment of Knowledge Among College Students Regarding Family-Owned Business*, Faculty Mentors: Dr. Tammy Johnston and Dr. Veronika Humphries
21. **Sunil Jamkatel**, Computer Science, *ULM Carbon Query System*, Faculty Mentor: Dr. Jose Cordova
22. **Shivam Kharga**, Computer Science, *An HTML5 Web-based Application to Simulate TCP Congestion Control Algorithms*, Faculty Mentor: Dr. Paul D. Wiedemeier
23. **Lieke Rolvers**, Economics, *Investigating the Migration Patterns of Refugees and the Country Characteristics That Determine Their Destination*, Faculty Mentor: Dr. Robert Eisenstadt

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

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

24. **Swastika Basnet**, Psychology, *Sex Differences in Personality Trait*, Faculty Mentor: Dr. Jack Palmer
25. **Devin K. Bourque**, Psychology, *RORSCHACH RESPONSES IN ATTRITION FROM SUBSTANCE ABUSE TREATMENT*, Faculty Mentor: C. Allen Lewing
26. **Sujata Gautam**, Psychology, *Sex Differences in Cognitive and Affective Empathy*, Faculty Mentor: Dr. Jack Palmer
27. **Hope Christine Lindeman**, Criminal Justice, Psychology Graduate Programs, Faculty Mentor: Dr. McKay Bonner
28. **Shreya Raut**, Psychology, *Gender Differences across the Dark Triad*, Faculty Mentor: Dr. Jack Palmer

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

29. **Grishma Poudel**, Psychology, *A Pilot Study to Augment Decision Making Process in Choosing an Academic Major*, Faculty Mentor: Dr. Burton Ashworth
30. **Pratisha Shakya**, Psychology, *Trait Anger and Belief in Conspiracies Predict Response to Memes*, Mentoring Faculty: Dr. Rick Stevens

## **College of Health Sciences**

### ***School of Allied Health, Graduate Speech Language Pathology Posters***

31. **Anna Kate Haman**, Speech Language Pathology, *A Systematic Review of Dyslexia: Neurological Disability or Learning Disability*, Faculty Mentor: Dr. Jennifer Whited
32. **Bridget Hannam**, Speech Language Pathology, *Central Auditory Processing Disorder (C)APD*, Faculty Mentor: Mrs. MaryAnn Thomas
33. **Taylor Rodgers**, Speech Language Pathology, *A Systematic Literature Review of Parent Training Programs for School-Age Children with Autism*, Faculty Mentor: Dr. David Irwin
34. **Cassie Thomas**, Speech Language Pathology, *Pediatric Dysphagia*, Faculty Mentor: Mrs. Sarah Hayes
35. **Bianca Trejo**, Speech Language Pathology, *A Systematic Review of the Role of Parents in Early Intervention: Implications for the Speech-Language Pathologist*, Faculty Mentor: Mrs Anne Marie Sisk
36. **Kellie Vincent**, Speech Language Pathology, *Oral Reading Fluency Tasks – Implications for School-Aged Elementary Students Who Stutter*, Faculty Mentor: Mrs. Amanda Elias

## **College of Health Sciences Continued**

### ***School of Allied Health, Undergraduate Dental Hygiene Poster Presentations***

37. **Kallie Adams**, Dental Hygiene, *Dental Hygiene Treatment for Patients with Autism Spectrum Disorder*, Faculty Mentor: Dr. Jessica Dolecheck
38. **Ashton Bruce**, Dental Hygiene, *Obstructive Sleep Apnea and Oral Health*, Faculty Mentor: Dr. Jessica Dolecheck
39. **Katherine Lee**, Dental Hygiene, *Silver Diamine Fluoride in Arresting Dental Caries*, Faculty Mentor: Dr. Jessica Dolecheck
40. **Cody Perritt**, Dental Hygiene, *The Effect of Cosmetic Dentistry in the Dental Field*, Faculty Mentor: Dr. Jessica Dolecheck
41. **Devyn Pourciau**, Dental Hygiene, *Interprofessional Collaboration among Dental Professionals, Parents and Autism Specialists: Creating a Positive Dental experience for Children with ASD*, Faculty Mentor: Dr. Jessica Dolecheck
42. **Taylor Yates**, Dental Hygiene, *The Effects of Vaping and Electronic Cigarettes on the Oral Cavity*, Faculty Mentor: Dr. Jessica Dolecheck

### ***School of Allied Health, Undergraduate Health Studies Poster Presentations***

43. **Jarell Brown**, Health Studies, *Rural Patient's Attitudes Towards Telemedicine*, Faculty Mentor: Dr. Jessica Dolecheck
44. **Alyssa Humphries**, Health Studies, *Animal Therapy Impacting Mental and Emotional Wellness in Elderly*, Faculty Mentor: Dr. Jessica Dolecheck
45. **Destini Lunsford**, Health Studies, *Obesity and Mental Health Issues in Adolescents*, Faculty Mentor: Dr. Jessica Dolecheck
46. **Caitlin St Blanc**, Health Studies, *The Effect of Maternal Opioid Use on Fetal and Childhood Development*, Faculty Mentor: Dr. Jessica Dolecheck

## **College of Pharmacy**

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

47. **Susan Egbert**, Pharmacy, *Usnic Acid: A Bioactive Dibenzofuran Lichen Acid with Novel Therapeutic Applications*, Faculty Mentor: Dr. Khalid El Sayed
48. **Gage Gonzalez**, Pharmacy, *Study of Microbiota Metabolism of the Minor Extra-Virgin Olive Oil Phenolic Secoiridoid (-)-Oleocanthal*, Faculty Mentor: Dr. Khalid El Sayed
49. **Jessie Grazier**, Pharmacy, *Role of Galectin-3 in Mediating the Anticancer and Metastatic Effects of  $\gamma$ -Tocotrienol in Highly Malignant Mouse +SA Mammary Tumor Cells*, Faculty Mentor: Dr. Paul W. Sylvester
50. **Hardin M**, Pharmacy, *Student Perceptions Concerning the Use of Simulated Medications in a Pharmaceutical Care Lab*, Faculty Mentor: Dr. Anthony Walker

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

51. **Achyut Dahal**, Pharmacy, *CHARACTERIZATION OF HER-2 TARGETED MODIFIED PEPTIDOMIMETIC*, Faculty Mentor: Dr. Seetharama D. Jois
52. **Tithi Roy**, Pharmacy, *Synthesis and Biological Screening of Novel Potent AntiCancer Analogues of Flavonols and Pyrazole in Human Melanoma and Non-Melanoma Skin Cancer Cells*, Faculty Mentor: Dr. Jean Christopher Chamcheu
53. **Md Haider Ali**, Pharmacy, *Hindbrain Estrogen Receptor Regulation of Ventromedial Hypothalamic Glycogen Metabolism and Glucoregulatory Transmitter Expression in the Hypoglycemic Male Rat*, Faculty Mentor: Dr. Karen P. Briski
54. **Afsana Tajmim**, Pharmacy, *Optimization of Taste-Masked (-)-Oleocanthal Effervescent Formulation with Potent Activity against HER2-Positive Breast Cancer Growth and Recurrence*, Faculty Mentor: Dr. Khalid El Sayed
55. **Himgauri Naik**, Pharmacy, *Design of a Peptidomimetic conjugated liposome delivery for targeting HER2+ve cancer*, Faculty Mentor: Seetharama D. Jois

## **College of Pharmacy**

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

56. **Kartik Ranjon Roy**, Pharmacy, *Quantitative Analysis of Glycosphingolipids in the Glycosphingolipid-Enriched Microdomains of Tumor Tissues*, Faculty Mentor: Dr. Yong-Yu Liu
57. **Khaggaswar Bheemanapally**, Pharmacy, *Development of Combinatory High-Resolution Microdissection/High Sensitivity High Performance Liquid Chromatographic-Mass Spectrometric-Electrospray Ionization Techniques for Small Tissue Volume Analysis of Rat Brain Energy Substrates*, Faculty Mentor: Dr. Karen Briski
58. **Leeza Shrestha**, Pharmacy, *STABILITY ASSESSMENT, PHARMACOKINETIC EVALUATION, AND ANTI-TUMOR STUDIES OF A HER-2 TARGETED PEPTIDOMIMETIC*, Faculty Mentor: Dr. Seetharama Jois
59. **ASM Hasan Mahmood**, Pharmacy, *Norepinephrine control of ventromedial hypothalamic nucleus glucoregulatory neurotransmitter expression in the female rat: Role of monocarboxylate transporter function*, Faculty Mentor: Dr. Karen P. Briski.
60. **Tasmin Sultana**, Pharmacy, *Antiproliferative Effects of Gamma-Tocotrienol on Androgen Receptor Mediated Triple Negative Breast Cancer*, Faculty Mentor: Dr. Paul W. Sylvester
61. **Mohammad A. Uddin**, Pharmacy, *P53 supports endothelial barrier function via APE1/Ref1 suppression*, Faculty Mentor: Dr. Nektarios Barabutis
62. **Md. Main Uddin**, Pharmacy, *Differential Estrogen Receptor Regulation of Ventromedial Hypothalamic Nucleus Glucoregulatory Neuron Adrenergic Receptor Expression in Hypoglycemic Male versus Female Rats*, Faculty Mentor: Dr. Karen P. Briski
63. **Chandra Mohan Reddy Muthumula**, Pharmacy, *CHEMOMETRIC ANALYSIS OF EPR-DETECTED FREE RADICAL QUENCHING BY ECHINACEA: CORRELATION WITH CONSTITUENTS OF <sup>1</sup>H-NMR PROFILE BY PARTIAL LEAST SQUARES (PLS) REGRESSION*, Faculty Mentor: Dr. Sharon A Meyer
64. **Prabhat R. Napit**, Pharmacy, *Hindbrain Estrogen Receptor Regulation of Ventromedial Hypothalamic Nucleus Gluco-regulatory Function and Counter-regulatory Hormone Secretion in Hypoglycemic Female Rats*, Faculty Mentor: Dr. Karen P. Briski