|  |  |  |  |
| --- | --- | --- | --- |
| In-Person Poster Presentation Assignments | | | |
| **#** | **Title** | **Presenter(s)** | **Category** |
| 1 | Identification of the Gd-IgA1 Autoantigen by New Monoclonal Finds Differential NF-kB Signaling | Hannah Adams | Biological and Life Sciences |
| 2 | Not All Deletions Are Equal: Targeting PKD2 in Renal Epithelial-Specific Cells Versus Systemic Deletion in Adult Mouse Models | Fairouz Alshwikh | Biological and Life Sciences |
| 3 | The Influence of CFTR Potentiators on SCV formation and Antibiotic Resistance in Staphylococcus aureus | Na'Kia Armstrong | Biological and Life Sciences |
| 4 | Novel roles of the circadian clock protein PER2 in the heart | Abraham Babalola | Biological and Life Sciences |
| 5 | Evidence that Bmal1 regulates the plasma osmotic set-point in male rats | Lydia Best | Biological and Life Sciences |
| 6 | Endothelial-specific HDAC1 regulates T cell phenotypes during mistimed eating | Connor W. Boswell | Biological and Life Sciences |
| 7 | Administration of an anti-inflammatory diet plus anti-PD-1 slows renal cancer progression in mice | Lucius Breazeale | Biological and Life Sciences |
| 8 | Chronic Heat Stress Induces Neurodegeneration and Accelerates Aging Phenotypes in Mice | John Brown | Biological and Life Sciences |
| 9 | Tualang honey has a protective effect against cutaneous immune responses and skin cancer | Ariq Chandra, Omar Jasser | Biological and Life Sciences |
| 10 | Investigating the Cyst-Forming Nephron Segments in a Mouse Model of Autosomal Dominant Polycystic Kidney Disease | Sonoka Deguchi | Biological and Life Sciences |
| 11 | Investigating FAK Activation in AVF Maturation | Sam Fulkerson | Biological and Life Sciences |
| 12 | Effects of superoxide dismutase 1 and 2 knockdown on lifespan and healthspan in Drosophila melanogaster | Dayona Gaither | Biological and Life Sciences |
| 13 | Microglial Glycosylation in Neuroinflammation Models | Ashlyn Hinton | Biological and Life Sciences |
| 14 | w | Evan Houser | Biological and Life Sciences |
| 15 | Sulforaphane, A Potential Therapy to ZTTK Syndrome | Eshika Kudaravalli | Biological and Life Sciences |
| 16 | An evaluation of renal uptake and retention of radiopharmaceuticals in mice treated with radiotargeted therapeutics | Jacob McMahon | Biological and Life Sciences |
| 17 | Dimorphic effects of environmental enrichment on nicotine-induced behaviors and dopamine signaling in male and female mice | Taylor McNeal | Biological and Life Sciences |
| 18 | Effects of Total and Sensory Renal Denervation on Blood Pressure During High-Fat Diet | Génesis Mercado Feliciano | Biological and Life Sciences |
| 19 | Reduced caloric intake following nighttime food restriction in rats with diet-obesity | José Omar Montalvo López | Biological and Life Sciences |
| 20 | Selective Inhibition of YAP1 Nuclear Localization by PTB-1590 in Human Renal Cancer Cells | Omar Munir | Biological and Life Sciences |
| 21 | The Effects of Pseudomonas aeruginosa Small Colony Variant Infection on Inflammation and Virulence in the Cystic Fibrosis Bronchial Epithelium | Daphne Nallamala | Biological and Life Sciences |
| 22 | Stereotaxic injection of  Chloroquine to the dentate gyrus to examine its effects on on Mitophagy in the mito-QC reporter mice | Brandon Nguyen | Biological and Life Sciences |
| 23 | Exogenous Ketones Reduce Inflammation and Pathology in the TgF344-AD Rat Model | Amaya, Rogers | Biological and Life Sciences |
| 24 | Functional and Quantitative Analysis of Mechanically Activated HDAC6 in VEGFR-2 Mediated Angiogenesis | Steven Siegel | Biological and Life Sciences |
| 25 | Decoding EMT Heterogeneity in Pancreatic Cancer | John David Slowikowski | Biological and Life Sciences |
| 26 | Investigating the Effects of Inflammatory Stress on Hematopoietic Stem Cells in Culture | Nicholas Stefanov | Biological and Life Sciences |
| 27 | Investigating the role of Polycomb-like in the Drosophila central nervous system | Keegan J. Valentine | Biological and Life Sciences |
| 28 | The Power of Multi-staining and Confocal Imaging of Immune Brain Cells |  | Biological and Life Sciences |
| 29 | Spinal Cord Stimulation demonstrates potential improvement for Restless Legs Syndrome Symptoms | Elijah Wang | Biological and Life Sciences |
| 30 | Using RNA sequencing to investigate the causes of sex-specific aging in Drosophila melanogaster | Anna Wheeler | Biological and Life Sciences |
| 31 | Investigating the Effect of Thioproline on Oral Microbial Biofilm Formation | Tanaiyah Wilson | Biological and Life Sciences |
| 32 | Two-Way Learning: Teacher Candidates and Fifth Graders Explore the Impact of the QFT on Creating a Mirco-Democracy in the Classroom | Katie Sargent | Education |
| 33 | Macrophage Subsets in Cardiomyocyte Interaction and Infarct Repair in Heart Failure | JoLissa Davis-McCrea | Engineering |
| 34 | Development of Sustainable, Mechanically Improved Composites Using Recycled HDPE and Glass Fiber-Reinforced Vinyl Ester Thermoset Industrial Scrap | Elise Kim | Engineering |
| 35 | Digital Manufacturing Approach to Flexible Electronic Sensor Fabrication | Leonardo Wang | Engineering |
| 36 | Using Kidney Organoids as a Platform to Study Drug-Induced Nephrotoxicity | Jeffrey Wong | Engineering |
| 37 | Circadian Regulation of NETosis Modulates T Cell-Mediated Inflammatory Responses | Cal A. Miller | Health Sciences and Health Professions |
| 38 | User-Centered mHealth Application Design for Personalized Cystic Fibrosis Management | Amar Toric | Health Sciences and Health Professions |
| 39 | Development of ZnSe and NdF₃-Doped ZnSe Ceramics Using SPS for Mid-Infrared Laser Applications | Nyah Bentley | Physical and Applied Sciences |
| 40 | Monte Carlo Block Method for Quantum Spin Chains | Demi Butler | Physical and Applied Sciences |
| 41 | Investigating Contaminant Removal from Water using Polymeric Alginate/TiO2 and PLA/TiO2 Nanocomposites | Tahzjayee Gaymon | Physical and Applied Sciences |
| 42 | Heterogeneity and Data Privacy: Federated Learning | Ian Lape | Physical and Applied Sciences |
| 43 | Temperature Measurements of Chemically Diverse Laser-Generated Plasma Plumes | Roman Luckett | Physical and Applied Sciences |
| 44 | First Principles Datasets for Machine Learning Force Fields of High Entropy Alloys | Ramson Munoz Morales | Physical and Applied Sciences |
| 45 | Loading and Ion Exchange of Zirconium Phosphate Nanoplatelets | Adrianna Orsi | Physical and Applied Sciences |
| 46 | Hyperspectral Imaging of Patterned Thin Films for Micro-LEDs | Elizabeth B. Perot | Physical and Applied Sciences |
| 47 | Process Optimization of Plasma Enabled Nanotechnology-Integrated Thermoregulative Textiles | Greeshma Vinoy | Physical and Applied Sciences |
| 48 | Are Metal-Oxide Precursors Necessary for the Fabrication of the HEA (MoNbTaVW) Using the Microwave Plasma Approach? | Erin Wojcik | Physical and Applied Sciences |
| 49 | Synthesis of refractory high entropy alloy (MoNbTaVW) from pure metal precursors using microwave plasma | Erin Wojcik | Physical and Applied Sciences |
| 50 | Science and Service: Using Introductory Experiments to Foster Curiosity and Critical-thinking in Children | Aisya Mooney | Works in Progress |
| 51 | Modeling CKD-Induced Cardiac Dysfunction Using Human Cardiac Organoids | Abhai Anand | Works in Progress |
| 52 | Validation of a Doxycycline Inducible CRISPR-Cas9 System in Human Pluripotent Stem Cells | Mead Arabie | Works in Progress |
| 53 | Surveying Presence of Adhesin Genes in Cystic Fibrosis Pediatric Isolates of Non-typeable Haemophilus influenza | Natalie Barbay | Works in Progress |
| 54 | Effects of Soluble Inhibitors on CAF-Driven Blood Vessel Growth in the Tumor Microenvironment | Eden Beasley-Duncan | Works in Progress |
| 55 | Developing a Task to Assess Social Media Engagement and Reward Learning | Amaris Love | Works in Progress |
| 56 | Unified Graph-Text Deep Learning Framework for Multimodal Molecular Representation and Property Prediction | Tristan Maughan | Works in Progress |
| 57 | Immunomodulatory Glycosylated Hydrogel for Mitigating Neuroinflammation in Stroke | Elijah Scott | Works in Progress |
| 58 | Missing submission passed deadline. Submit ASAP to uab.edu/service-research/expo | Cal Miller | ask presenter for category |
| 59 | Missing submission passed deadline. Submit ASAP to uab.edu/service-research/expo | Reyes Osorio | ask presenter for category |
| 60 | How Renaissance Anatomical Studies and Alpine Folk Healing Traditions in Italy Have Influencers Modern Medical Understanding | Emma McGowan | Service-Learning |
| 61 | Uncovers Pathological Roles of Neutrophil in Autoimmune Neuroinflammation | Noah Abrantes | Biological and Life Sciences |
| 62 | Yeast Mitochondrial DNA Escape | Sarah Barrett | Biological and Life Sciences |
| 63 | Fresh Frozen Plasma Resuscitation on Glycocalyx Integrity Following Trauma | Jose S. Bracamontes | Biological and Life Sciences |
| 64 | Infralimbic GABAergic Interneurons Show Opposing Activity During Fear and Extinction Retrieval in Pavlovian Fear Conditioning Model | Faith Brown | Biological and Life Sciences |
| 65 | Drugging Worms to Study Chromatin Factors and Their Role in Cocaine Use Disorder | Elizabeth Eason | Biological and Life Sciences |
| 66 | Exploring Predictive Biomarkers from Vaginal Fluid for Early Detection of Endometrial Cancer | Danielle George | Biological and Life Sciences |
| 68 | C. elegans Pharynx Pumping as a Model to Study the Neuronal Effects of Cocaine Exposure | Audrey Gilbert | Biological and Life Sciences |
| 69 | Modulating Macrophage Inflammatory Fate by Targeting Select Lipid Signaling to Counter Type 1 Diabetes | Arumugam Gurusamy | Biological and Life Sciences |
| 70 | Effect of Progranulin Insufficiency on Lysosomal Enzyme Activity | Jakub Hel | Biological and Life Sciences |
| 71 | PD-L1 is Modulated in Tumor and Lymphoid Tissue after Anti-PD1 and Radiation in a Mouse Model of Triple Negative Breast Cancer | Hannah Henson | Biological and Life Sciences |
| 72 | The Role of Rab GTPases in Membrane Trafficking Pathways | Amelia Herron | Biological and Life Sciences |
| 73 | Comparison of De Novo Transcriptome Assemblies from Skin Tissue of Three Desert-adapted Rattlesnake Species | Kenneth Ho | Biological and Life Sciences |
| 74 | Exploiting Endogenous Tyrosinase Activity for Tyramide-Based Detection of Melanosomes | Jordan Holloway | Biological and Life Sciences |
| 75 | Uncovering New Functions of Nuclear PD-L1 in DNA Repair | Valerie Johnson | Biological and Life Sciences |
| 76 | Patient-Derived 3D Miniaturized Glioma Organotypic Slices as a Model for Investigating Extracellular Matrix and Cellular Tumor Microenvironment Remodeling | Parth Kommidi | Biological and Life Sciences |
| 77 | Investigating the differences between fetal and adult murine stem and progenitor cells | Kharishni Lakshman | Biological and Life Sciences |
| 78 | Innate Immune Dysregulation in Cystic Fibrosis-Related Diabetes (CFRD) Evidenced by Cell Clustering and Marker Expression | Amelia Liu | Biological and Life Sciences |
| 79 | Microplastic Exposure Impairs Autophagy–Lysosomal Function in Neurons | Amal Mansoor | Biological and Life Sciences |
| 80 | Ovarian Hormone Regulation and Aversive Memory Processing: A Role for Microglia | Jordan McCray | Biological and Life Sciences |
| 81 | Serum Analysis for HIV-1 Envelope Specific and Autoantigen Reactive IgG and IgM Antibody Response in HVTN 702 Trial Participants | Tatyana Mompoint | Biological and Life Sciences |
| 82 | The orbitofrontal cortex defines credit assignment during latent learning | Eli Mrug | Biological and Life Sciences |
| 83 | Investigating Sucrose and Morphine Reward Overlap in mPFC SST Interneurons | Talal Musaed | Biological and Life Sciences |
| 84 | Microplastic-Induced Disruption of Autophagy in SH-SY5Y Neuronal Cells | Sahithi Mynampally | Biological and Life Sciences |
| 85 | The effect of microplastics on mitochondrial function in primary mouse cortical neurons and SH-SY5Y cells | Arhum Pabani | Biological and Life Sciences |
| 86 | Renal epithelial cells that fail to repair after injury drives recruitment of macrophages due to increased cytokine expression. | Tishakumari Patel | Biological and Life Sciences |
| 87 | Analyzing Estradiol-Driven Transcriptional Activity in Preproglucagon Expressing Neurons of the Nucleus of the Solitary Tract | Meghna Penumudi | Biological and Life Sciences |
| 88 | Structural basis of the factors governing HIV-1 Gag assembly and encouraging maturation of the MA lattice | Bao Pham | Biological and Life Sciences |
| 89 | Characterization and Optimization of Novel X-ray Mediated Neuromodulation | Brady Robinson | Biological and Life Sciences |
| 90 | Exploring the Effects of Chemotherapy-Induced Senescence in the Tumor Microenvironment | Kaitlin Ross | Biological and Life Sciences |
| 91 | Determining if the loss of extracellular progranulin results in the buildup of lysosomal storage material | Asha Shareef | Biological and Life Sciences |
| 92 | Drugging Worms: Behavioral Effects of Acute Cocaine Exposure in C. elegans | Shen, Ian | Biological and Life Sciences |
| 93 | Constructing Clarity: Designing a Control Construct for Transgenic Olfactory Neurodegeneration Studies in Zebrafish | Morgan Streeter | Biological and Life Sciences |
| 94 | Induction of Surface Calreticulin in Bladder Cancer Cell Lines | Rany Tarakji | Biological and Life Sciences |
| 95 | The Association Between Adverse Childhood Experiences and Obesity in Young Adults: A Population-Based Analysis | Omar Velasco | Biological and Life Sciences |
| 96 | S. cerevisiae as a tool to study the anti-aging effects of beta hydroxybutyrate | Manvanth Venugopal | Biological and Life Sciences |
| 97 | The Uncovering of Five Distinct Learning Experiences in a Graduate Instructional Design Course through Network Analysis | Dori Do | Education |
| 98 | Concerted Effects of Mechanical Strain and Hyaluronic Acid on Ovarian and Breast Cancer progression | Emerson Cutcliffe | Engineering |
| 99 | E- and N-Cadherin Expression and Ratios in Breast Cancer Lines and Their Implications for EMT Regulation | Alexander Kim | Engineering |
| 100 | Mechanical Phenotyping of Murine Fibroblasts in Triple-Negative Beast Cancer | Connor Nguyen | Engineering |
| 101 | Analyzing Racial and Geographic Distribution in Clinical Trial Enrollment Among Women with Advanced Stage Ovarian Cancer | Paxton Gillispie | Health Sciences and Health Professions |
| 102 | Comparing Antemortem Clinical Imaging Findings and Autopsy Findings in Lung Malignancies | Mahi Siddiqui | Health Sciences and Health Professions |
| 103 | Bile Acid Salt Metabolites Inhibit Pro-Inflammatory Th1 and Th17 Cell Polarization | Shreya Sunil | Health Sciences and Health Professions |
| 104 | An Analysis of Expedited Treatment with Leep Procedures. Are Current Guidelines working? | Javier Villasenor | Health Sciences and Health Professions |
| 105 | 3D Structural Modeling of a Trans-Splicing Ribozyme Targeting JAK2-V617F mRNA | Anish Joshi | Health Sciences and Health Professions |
| 106 | Characterizing single and entangled photon sources for spectroscopy of solid-state materials | Shawn park | Physical and Applied Sciences |
| 107 | Relationship between children's functional disability and parents' anxiety sensitivity in pediatric functional seizures | Makayla Bass | Social and Behavioral Sciences |
| 108 | Examining Relationships between Food Insecurity, Wellbeing, and Health Behaviors in Adults who use a Campus Food Pantry | Joanna Bateman | Social and Behavioral Sciences |
| 109 | The Relationship Between Emotion Regulation and Academic Grit on the Academic Success of Elementary and Middle School Students | Donna Chen | Social and Behavioral Sciences |
| 110 | Violence exposure in early adolescence and high blood pressure in adulthood in African Americans | Journey Crowell | Social and Behavioral Sciences |
| 111 | Hormonal Birth Control as a Moderator of the Relationship Between Anxiety and Blood Pressure: A Longitudinal Analysis | Anna Foweather | Social and Behavioral Sciences |
| 112 | Examining Differences in Conditioned Pain Modulation and Temporal Summation by Gender Minority Status | Payne, Hazel | Social and Behavioral Sciences |
| 113 | Exploring neighborhood-level built and natural environment influences on health behaviors among cancer survivors | Ashriitha Shanmugam | Social and Behavioral Sciences |
| 114 | Motif-Specific Small Molecule Inhibitors to Selectively Suppress Osteoclast Activity in Breast Cancer Bone Metastases | Bhavya Chalasani | Works in Progress |
| 115 | The Identification of a Safer Alternative to BPA using a Zebrafish Model | Annsley DeMent | Works in Progress |
| 116 | Dietary Ketone Supplementation Improves Fear Extinction in the TgF344-AD Rat Model​ | Preetham Gundlapally | Works in Progress |
| 117 | A mechanistic Study on Thymoquinone | Bhanu Mamidi | Works in Progress |
| 118 | Characterization of the Early Spread of Alpha-synuclein | Anna Moore | Works in Progress |
| 119 | Effects of a Novel Virtual Exercise Environment on Ergogenic and Psychological Outcomes in Individuals with a Physical Disability | Haley Nguyen | Works in Progress |
| 120 | HOCAs Pocus: Identifying Source of Degeneration Resistance in Calvarium during Diabetes | Aubrey Sanders | Works in Progress |
| 121 | The Role of Early Life Stress on Post-Embryonic Neuronal Maturation in Caenorhabditis. elegans | Trishona Satkuri | Works in Progress |
| 122 | Delineating Variations in TGF-β–Induced miR-145 Expression Across Epithelial Cell Line Variants for Cystic Fibrosis Modeling | Andrew Weisgerber | Works in Progress |
| 123 | Utilizing Time Lapse Photography to Evaluate Predators on the Nesting Beach of the Endangered Kemp's Ridley Sea Turtle | Zoya Aleezada | Biological and Life Sciences |
| 124 | Understanding the paradox of positive and negative effects of electrical neural stimulation: How topographic organization may play a role | Nusrat Amy | Biological and Life Sciences |
| 125 | Targeting Alzheimer’s Disease Through the Gut-Brain-Axis | Norah Anil Johnson | Biological and Life Sciences |
| 126 | Investigating Kidney-Resident Macrophage Role in Graft Integration and Lymphangiogenesis in Kidney Organoids | Janisha Bhatia | Biological and Life Sciences |
| 127 | Assessing Tight Junction Dynamics of the Blood-Brain Barrier After Focal Traumatic Brain Injury | Anurag Bhattarai | Biological and Life Sciences |
| 128 | Exercise impacts on cancer survival and severity | Danielle Brockmeyer | Biological and Life Sciences |
| 129 | Associations between N-back task brain activation and symbol digit modalities test performance in stroke survivors | Choi, Isaac | Biological and Life Sciences |
| 130 | Role of Parkinson’s Disease-Linked PINK1 in Histone Modifications | Pranav Danasekar | Biological and Life Sciences |
| 131 | Investigating Whether the Loss of Extracellular Progranulin Results in FTD-related Lysosomal Storage Pathology | Ryley Dykes | Biological and Life Sciences |
| 132 | GAT3 Expression in Patch and Matrix in Huntington’s Disease | Erica Ellis | Biological and Life Sciences |
| 133 | Evaluating target proteins of DOCK7 function in DMD skeletal muscle | Maya Garner | Biological and Life Sciences |
| 134 | Halogen Inhalation modifies Blood Biomarkers and response molecules of Injury | Adi Gowda | Biological and Life Sciences |
| 135 | Markers of glial function in a novel mouse model of Parkinson's Disease risk | Navya Gullapalli | Biological and Life Sciences |
| 136 | Prioritizing ADPKD Drug Repurposing Candidates by Target Expression and Other Critical Factors | Angela Hjelmeland | Biological and Life Sciences |
| 137 | Investigating the therapeutic potential of novel Vitamin D derivatives in combination with Vemurafenib in Melanoma: A short-term mechanistic study | Mikaela Hyatt | Biological and Life Sciences |
| 138 | Dissecting O-GlcNAc Patterns in Aging Brain Cells via Magnetic Sorting |  | Biological and Life Sciences |
| 139 | Contribution of Connexin 43 S368 phosphorylation to seizure susceptibility after traumatic brain injury | Elizabeth Istre | Biological and Life Sciences |
| 140 | Uncovering the Role of Collagen I in Glioblastoma-Astrocyte Reactivity | Carly Jia | Biological and Life Sciences |
|  | Developing a Surgical Protocol using Fiber Photometry to Investigate Metabolic Impairments in Alzheimer’s Disease | Daniel Knight | Biological and Life Sciences |
| 142 | Investigating the role of Rab27b effector protein Coronin1c in regulating alpha-synuclein pathology and lysosomal activity | Lehmann Matheny | Biological and Life Sciences |
| 143 | Functional Failure of the Blood-Brain Barrier After Focal Traumatic Brain Injury | Amitis Moradkhani | Biological and Life Sciences |
| 144 | Development of TFE3 Nuclear Enrichment Mouse Model | Akshath Prasad | Biological and Life Sciences |
| 145 | Correlation of Panitumumab Fluorescence-Guided Imaging with Immunohistochemical Markers in Head and Neck Squamous Cell Carcinoma | Ivan Reap | Biological and Life Sciences |
| 146 | Acute Rho Kinase Inhibition Modulates Mitochondrial Quality Control Within Murine Heart | Eric Rohwer | Biological and Life Sciences |
| 147 | The absence of ETA receptor on dendritic cells reduces immune activation and protects against obesity-induced kidney injury | Emma Rosenkoetter | Biological and Life Sciences |
| 148 | Comparing Extenders for Cryopreservation of Sperm from the Sea Urchin, Lytechinus variegatus | Gustavo Roveri | Biological and Life Sciences |
| 149 | Chronic and Acute Dihydroxyacetone Exposure Disrupts Cell Cycle Regulators in Human Cell Lines | Alexander Sabelja | Biological and Life Sciences |
| 150 | Quantitating Gene Expression Levels in Zebrafish Olfactory Epithelia | Hayleigh Smith | Biological and Life Sciences |
| 151 | Rab27bKO Does Not Exacerbate A53T-Synuclein-Mediated Pathology in Young Animals | Rohma Syed | Biological and Life Sciences |
| 152 | Number of Astrocytes in Matrix and Patches of BACHD Mice | Angelina Wahhab | Biological and Life Sciences |
| 153 | How Stem Cells can regenerate immune cells after chemotherapy | Songi Yoon | Biological and Life Sciences |
| 154 | Feeling Like a Fraud: “A Mixed Methods Investigation of Imposter Syndrome in Prelicensure Nursing Education.” | Maddie Bacon, Nida Dharani | Health Sciences and Health Professions |
| 155 | Implementing “The Pause” To Support Nurse Coping After Patient Death in the Critical Care Setting | Maddie Barfield, Nariya Robinson | Health Sciences and Health Professions |
| 156 | Caregiver versus Parenting Stress: Evaluation of Psychometric Instruments | Stormie Bryant, Abigail Viola | Health Sciences and Health Professions |
| 157 | Intervention or Interventionist? Importance of Treatment Fidelity | Abigayle Clontz, Lauren Lewis | Health Sciences and Health Professions |
| 158 | Backward directed resitive forces applied to post-Stroke indiviudals during split-belt treadmill walking | Mallory Fowler | Health Sciences and Health Professions |
| 159 | Exploring The Use of Virtual Reality for Diabetes Distress Reduction | Mary Gaston | Health Sciences and Health Professions |
| 160 | Mapping Movement: Exploring Life-Space Mobility Older Adult Colorectal Cancer Survivors | Allison Harty, Jacqueline Means | Health Sciences and Health Professions |
| 161 | Treatment of Long-COVID: A Qualitative Study | Emily Hofmann, Jessica Baker | Health Sciences and Health Professions |
| 162 | Adiposity, Self-Esteem, and Depressive Symptoms in Racially and Ethnically Diverse Early Adolescents | Jada Kennedy, Cassidy Stewart, Marli Wood | Health Sciences and Health Professions |
| 163 | Investigating the Significance of Cone Opsin Mislocalization in Causing Cell Death in a CNGA3 Mutant Model of Achromatopsia | Jeeyoon Kwon | Health Sciences and Health Professions |
| 164 | Restoring ASXL3 Expression in Bainbridge Ropers Syndrome Using Readthrough Compounds | Sheridan Miller, Jay Patel, Geir Sajdak, Het Parekh | Health Sciences and Health Professions |
| 165 | Wings Above: The Lived Experiences of Flight Nurses | Kennedy Myers, Malachi Small | Health Sciences and Health Professions |
| 166 | Advancing RN First Assistant (RNFA) Education: Review of Current Guidelines and Future Directions | Madison Neighbors | Health Sciences and Health Professions |
| 167 | Effectiveness of Photobiomodulation Therapy on Oral Mucositis | Kim Nguyen, Haley Lewis | Health Sciences and Health Professions |
| 168 | Preoperative Antibiotic Administration to Pediatric Patients at Children's of Alabama: CRNA Perspectives | Reagan Papp | Health Sciences and Health Professions |
| 169 | Developing A Survey For A Transition of Care Model for Individuals Who Have Experienced Trafficking | Julia Daughdrill, Atarah Smith, Annette Stricklin | Health Sciences and Health Professions |
| 170 | Substance Use Disorder Risk Factors for Women in a Residential Recovery Program | Jillian Vickers | Health Sciences and Health Professions |
| 171 | Feasibility and Acceptability of a Culturally Competent Digital Maternal Mental Health Intervention in Birmingham, Alabama | Quincy Wilson | Social and Behavioral Sciences |
| 172 | The Impact of Stress and Lifestyle Factors on Academic Performance in Undergraduate Pre- Health Students | Leah Cutright | Works in Progress - Class Project |
| 173 | Reduction of Heparan Sulfate Chains Protects Against α-Synuclein Pathology in the Nigrostriatal System | Ahmad Musaab Khan | Works in Progress - Class Project |
| 174 | Immunostaining of endocannabinoid system proteins and enzymes in neonatal and adult brains. | Tamiyah Brooks | Works in Progress - Class Project |
| 175 | A Polyacrylamide Hydrogel-Based In Vitro Model for Endothelial Glycocalyx Integrity in Human Microvascular Endothelial Cells | Laura Calvert | Works in Progress - Class Project |
| 176 | Alzheimer's Disease Effects on the Retina | Essalina Curlee | Works in Progress - Class Project |
| 177 | An investigation of the relationship between glucagon-like peptide-1 and estradiol in a mice model of menopause | Neysa Dechachutinan | Works in Progress - Class Project |
| 178 | Uncovering the hidden signatures of learning | Kody Ewing | Works in Progress - Class Project |
| 179 | Effect of red light on endothelial cell antioxidation potential under hyperglycemia | Shikeria Fails | Works in Progress - Class Project |
| 180 | Variability in Hematologic Parameters & Risk of Type 2 Diabetes | Rochelle Gunter | Works in Progress - Class Project |
| 181 | Heterogenous astrocyte response and subsequent BBB failure following focal TBI | Naman Jain, Samantha Golf, Stefanie Robel | Works in Progress - Class Project |
| 182 | Investigating Hypoxia-Induced Mitochondrial Gene Changes in Cultured Myotubes. | Kahlea Johnson | Works in Progress - Class Project |
| 183 | Studying the Impact of Mycotoxins and Caffeine on Gynecologic Cancers: A Literature Review | Kaylani Krigger | Works in Progress - Class Project |
| 184 | What I learned at home (WILAH)/BeFIT | Yonica Marbury | Works in Progress - Class Project |
| 185 | Semantic Decoding for Brain-Computer Interface Development | Michelle McCleod | Works in Progress - Class Project |
| 186 | Effects of Teleexercise Movement-to-Music Program for People with Mobility Limitations | Ja'Niya Mosley | Works in Progress - Class Project |
| 187 | Incorporating Psycholinguistic Factors into Stimuli Selection | Pooja Mudigonda | Works in Progress - Class Project |
| 188 | Analysis of the Colocalization of Estrogen Receptor Alpha and Aromatase in the Central Glucagon-Like Peptide 1 Neurons | Abygail Newton | Works in Progress - Class Project |
| 189 | Reading Performance in Response to Multiple Domains of Vision Training | Sophia Nguyen | Works in Progress - Class Project |
| 190 | Investigating the Role of Chromatin Factors in Aversive Olfactory Learning in C. elegans | Prachi Patel | Works in Progress - Class Project |
| 191 | Early Recruitment and Processing in MPN Diet Study | Adrienne Pefanco; Elinor Gibson (co-authors) | Works in Progress - Class Project |
| 192 | The Isolation of Acetylated Triterpene Saponin from Agrostemma gigatho L. for Medicinal Chemistry Studies | Arjun Ram | Works in Progress - Class Project |
| 193 | Threat Predictability Impacts Emotional Regulation during Pavlovian Fear Conditioning in PTSD | Neha Singhal | Works in Progress - Class Project |
| 194 | Overlapping Pathology in Post Traumatic Stress Disorder and Age-related Disease | Pheven Yohannes | Works in Progress - Class Project |