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| 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  |