

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Abdel-Latif, A.	Sphingosine kinase-1 and sphingosine-1 phosphate receptor-1 regulate bone marrow stem cell mobilization and cardiac remodeling following myocardial infarction	CCTS	71
Abouelnour, A.	Volumetric Root Resorption With Continuous Versus Dissipating Invasive Orthodontic Forces	Dentistry	303
Abu Jawdeh, E.G.	Extubation failure in preterm infants: A role for monitoring intermittent hypoxemia	CCTS	120
Adams, E.T.	Sociocultural Influences of Dietary Behavior Change in Appalachian Food Deserts: A Thematic Analysis	CCTS	86
Adegboyega, A.	Cervical cancer screening among African immigrants: State of the Science	Nursing	273
Ajwad, A.A.	Effects of Ambient Temperature on Sleep in Control and Epileptic Mice	BGSFN	246
Akbari, A.	Characterization techniques for biological specimens at the UK Electron Microscopy Center	Engineering	146
Akers, A.T.	Analysis of the acetylcholine-signaling pathway reveals differences between normal and malignant lung tissue	CCTS	49
Al-Bakri, A.F.	Incidence of Cortical High Frequency Oscillations is Modulated by Vigilance Changes in the Epileptic Brain	Engineering	156
Algarin, A.B.	Spatial distribution of partner-seeking men who have sex with men (MSM): An epidemiologic study using MSM geosocial networking applications	Public Health	14
Al-Janabi, O.M.	Cerebrovascular Disease Risk Factors and Arteriolar Sclerosis in the Kentucky Appalachian 'Stroke-belt.'	CCTS	29
Allison, D.	TraceLab: A Software Instrument Supporting Replication of Experiments	Engineering	155
Almaddah, M.R.	The Effect of Load Carriage and Recovery on Axillary Nerve Function	Health Sciences	189
Amos, D.L.	Modulation of Hypothalamic Activity Alters Appetite in a Novel Antioxidant Mouse	CCTS	104
Anderson, K.L.	Impact of single or repeated dose intranasal zinc-free insulin in young and aged rats on cognition, signaling, and brain metabolism	BGSFN	232
Andres, K.	Bubble Gulp: an Interactive Videogame Designed to Optimize Navigator Efficiency in Children Undergoing Cardiac Magnetic Resonance Imaging	CCTS	75
Anwar, A.	Vascular Permeability Effects on Tissue Perfusion: an MRI Phantom Study	CCTS	76
Arthur, S.	Na-K-ATPase inhibition regulates Na-bile acid absorption in intestinal epithelial cells in obesity	CCTS	89
Asafo-Adjei, T.A.	Characterization of poly(simvastatin)-containing copolymers and blends	Engineering	140
Auberle, C.	Improvement in Quality of Life through the LIVESTRONG Program at the YMCA of Central Kentucky	CCTS	65
Bahrani, A.A.	Quantification of White Matter Hyperintensity and Cerebral Blood Flow in Older Adults with Low or High Risk for Cerebrovascular Disease using MRI	Engineering	148
Bane, M.	Vocal Function Exercises for Normal Voice: The Effects of Varying Dosage	Health Sciences	182
Barney, B.	The accuracy of one repetition maximum prediction equations for quadriceps strength in healthy adults: a critically appraised topic	Health Sciences	208
Batten, S.R.	Combining Multiple Schedules of Reinforcement with Glutamate Biosensors to Examine the Effects of Cocaine and Food on Prelimbic Glutamatergic Signaling in Freely-Moving Rats	BGSFN	241
Batuhan, J.A.	Investigating the Behaviors of Positive and Negative Urgency in Rodent Models	BGSNF	269
Baxter, T.A.	Effects of r-modafinil on Concomitant Oral Ethanol Consumption and Nicotine Self-Administration in P Rats	BGSNF	267
Bayers, T.B.	Long Term Effects of Anterior Cruciate Ligament Reconstruction on Quadriceps Strength and Function Abilities	Health Sciences	169
Bazina, F.	Oral Epithelial Keratinocytes Transdifferentiation to Ameloblast-like Cells	Dentistry	294
Bell, J.	Patient Reported Outcomes 5-20 years following an ACL reconstruction	CCTS	110
Benedict, T.M.	Effects of Post-Traumatic Stress Disorder (PTSD) Symptoms on Disability, Function, and Pain-Related Beliefs and Outcomes in Veterans with PTSD and Pain Compared to Veterans with Pain Only: A Systematic Review with Meta-Analysis.	Health Sciences	197
Benish, C.	Comparison in Muscle Extracellular Matrix Between Individuals With and Without Knee Osteoarthritis	Health Sciences	173

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Betz, A. B.	Genetic Association of GHR and IGF-1 with Facial Growth	Dentistry	305
Bhavsar, I.	Biomarkers Associated with Peri-implantitis and Response to Surgical Therapy	Dentistry	286
Bilbily, J	The Antimicrobial Properties of Vertically Aligned Multiwalled Carbon Nanotubes	CCTS	87
Boggess, G.F.	Trunk Muscle Adaptations Responsible for Altered Gait Mechanics in Individuals with ACL Reconstruction	Health Sciences	174
Boka, K.	Evaluating Physical Activity Policy Outcomes: A Systematic Review	Public Health	22
Borman, D.A.	Clinical and Quality of Life Assessment of Patients Undergoing Laparoscopic Hiatal Hernia Repair	CCTS	128
Boyechko, T.	Dietary Fat, Lipoprotein, and Lipopolysaccharide: Role in Insulin Resistance	CCTS	108
Brewer, L.D.	Vitamin D3 Preserves Cognition and Enhances Hippocampal Synaptic Function in Aging Rats	BGSFN	262
Bright, M.	A Survey of Kentucky Pediatricians Regarding The America Academy of Pediatrics Oral Health Policy	Dentistry	287
Brooks, C.	Bone Microdamage in Patients Treated with Forteo	CCTS	111
Brunk, C. H.	Colon Cancer Screening: Using Faith-based Community Linking Agents	Public Health	4
Buenrostro, L.	Distinguishing Motives of Physical Activity in Military Conditioning Courses	CCTS	30
Bugg, A.W.	Muscle phenotype and functional performance in Peripheral Artery Disease	Health Sciences	181
Bush, A.M.	Missed Work Time Due to Occupational Illness among Hispanic Animal Production Farmworkers	Public Health	20
Cahall, C.F.	Quantitative expression of cancer associated surface biomarkers for circulating tumor cell detection and enumeration	Engineering	144
Callahan, R.T.	Center of Pressure Excursion During a Single Leg Standing Test in Ambulatory Children with Cerebral Palsy	CCTS	37
Cardarelli, R.	Patient- Engagement, Literacy, Adherence Study	CCTS	68
Carrico, C.L.	Meditation after Stroke: An Ongoing Phenomenological Study	Health Sciences	201
Causey-Upton, R.	Preparing for Discharge After Total Knee Replacement: Being Supported, Having Confidence, and Persevering	Health Sciences	199
Chan, S. A.	Hearing Loss in Rural Adults: A Geographic Comparison of Access to Care in Hearing Aid Recipients	CCTS	129
Chaudhry, H.S.	Neuroimaging correlates of sensation-seeking and disinhibition in healthy subjects	CCTS	28
Chavan, N.R.	Parity Influences Neonatal Gene Expression	CCTS	119
Chen, A.J.	Temperature and pH Dependent Degradation of AH6 3:1 and AH6 5:1 Poly(beta-amino ester) Polymers	Engineering	141
Chen, I-C.	Improved methods for the marginal analysis of longitudinal data in the presence of time-dependent covariates	Public Health	1
Chen, M.	S100A4 drives non-small cell lung cancer invasion, associates with poor prognosis, and is effectively targeted by the FDA-approved anti-helminthic agent niclosamide	CCTS	50
Chen, Z.	Pathologic Comparison of Angiotensin Induced Superior Mesenteric Artery Aneurysms in Smooth Muscle Low-Density-Lipoprotein-Related-Receptor-1 Deficient Mice between Constitutive and Post-Maturity Deletion Models	CCTS	69
Choate, R.	Differences Between ZZ and SZ patients on the AlphaNet Program	Public Health	23
Chornenkyy, Y.	Poly-ADP-Ribose-Polymerase as a Therapeutic Target in Pediatric Diffuse Intrinsic Pontine Glioma and Pediatric High Grade Astrocytoma	CCTS	59
Chung, M.L.	Gender moderates the associations between caregiving and health status in caregivers of stroke patients	Nursing	277
Clements, L.	The Mediator Effects of Depressive Symptoms on the Relationship between Family Function and Quality of life in Caregivers of Patients with Heart Failure	Nursing	272
Collins, D.	Evaluating the Relationship of Inhalable Particulate Exposures by Occupational Categories, in Relation to Lung Function, Among Kentucky State Fair Patrons	Public Health	19
Combs, H.L.	Neurocognitive Measures in an Adolescent Sports Concussion Sample	CCTS	39
Coomer, C.E.	Characterization of Calpain-5 in the adult and developing zebrafish retina	BGSFN	243

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Cooper, R.L.	High school educational health module with in class and distance learning: Guided inquiry in modeling cardiovascular health risks	CCTS	134
Cornellius, L.L.	University of Kentucky Pediatric Emergency Department Visits for Traumatic and Non-traumatic Dental Care	Dentistry	290
Cotner, S.E.	Influence of Beta-lactam Infusion Strategy on Acute Kidney Injury	CCTS	92
Crass, R.L.	Incidence of Nephrotoxicity in Patients Treated with Polymyxin Antimicrobials	CCTS	93
Croake, D.J.	Vocalization Subsystem Responses to Temporarily Induced Unilateral Vocal Fold Paralysis	Health Sciences	193
Czack, S.E.	The Effect of Single Nucleotide Polymorphisms in Opioid and Adrenergic Receptor Genes on Response to Treatment of Neonatal Abstinence Syndrome	CCTS	121
Dasgupta, P.	Acetylcholine-signaling inhibitors for lung cancer therapy	CCTS	51
Davis, S.A.	The Effectiveness of Augmentative and Alternative Communication on Social Interactions for a Child with Cerebral Palsy	Health Sciences	178
Demers, B.	Manipulation of various neural circuits and the effect on behavior in Drosophila using optogenetics: NGSS-Neurons, genetics, and selective stimulations	BGSFN	220
Derera, I.	SUDEP and Functional Remodeling of Vagal Complex Activity in a Mouse Model of Temporal Lobe Epilepsy	BGSFN	260
Ding, X.	Sleep apnea and dementia risk: Findings from the PREADVISE Alzheimer's disease prevention trial	Public Health	6
Donahue, R.R.	μ - and κ -, but not δ -opioid receptor provide endogenous analgesia and prevent the transition from acute to chronic pain.	BGSFN	256
Doolen, S.	Spinal AMPA Receptor Signaling Contributes to Latent Pain Sensitization after Inflammatory Injury	BGSFN	263
Douglas, B.	Affordable Care Act: Changes in insurance coverage and service utilization among high-risk female injection users who are HCV positive	CCTS	31
Duncan, M.	Restricting feeding to the active phase in middle-aged mice attenuates adverse metabolic effects of a high-fat diet without reducing caloric intake	BGSFN	226
Dunham, K.J.	Neurocognitive Findings Associated with Complicated Meningoencephalocele of the Dominant Temporal Lobe	BGSFN	223
Dunworth, C.E.	Demographic Disparities in Children with Behavioral or Conduct Disorders	CCTS	125
Eastman, A.	Health Status Of Kentucky's Senior Farmers	Nursing	282
Eldahan, K.E.	Pharmacological Modulation of the Mammalian Target of Rapamycin to Alter Maladaptive Plasticity Associated with Autonomic Dysreflexia	BGSNF	266
Ellingson, S.R.	Accuracy and efficiency of sequence variation detection methods using high-confidence variation call sets	CCTS	114
Evans, N.A.	An Electromyography Study of Fatigability in Multiple Endurance Tests	Health Sciences	190
Flora, C. L.	A Study of dmfs/DMFS of Children in Central Kentucky	Dentistry	288
Frazier, H.N.	Signaling and Expression of a Truncated, Constitutively Active Human Insulin Receptor	BGSFN	224
Freeman, M.	Pulmonary Embolism in Youth, Clinical and Epidemiological Characteristics	CCTS	127
Freeman, M.J.	Haploinsufficiency of Calcium and Integrin Binding Protein 2 (CIB2) Increases Susceptibility to Noise-Induced Hearing Loss	BGSFN	244
Friedman, J.R.	Anti-invasive activity of capsaicin and non-pungent capsaicin analogs in human SCLC	CCTS	52
Frost, K.	The relationship between drug use and happiness among high- risk female inmates in Appalachia	CCTS	32
Fu, W.	NPY Y1 Receptor Signaling Masks Chronic Pain by Inhibiting PKA and Epac in the Spinal Cord	BGSNF	270
Gabler, C.M.	Knee Extension Torque Deficits Exist Bilaterally in Patients Following Unilateral Anterior Cruciate Ligament Reconstruction	Health Sciences	184
Gammon, L.G.	Multicenter Orthopaedic Outcome Network Early Anti-Inflammatory Treatment in Patients with Acute ACL Tear σ^3 (MOON-AAA Clinical Trial)	CCTS	112
Gant, J.C.	Reversal of aging-related neuronal Ca ²⁺ dysregulation and cognitive impairment by adeno-associated viral delivery of FKBP1b (12.6) to the hippocampus	BGSFN	235

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Garcia, N.E.	Survival in Motor Neuron Disease: an Analysis of Executive Functioning and Behavior	CCTS	47
Geil, C.R.	Temozolomide decreases reactive cell proliferation in the subgranular zone of the hippocampal dentate gyrus following 4-day binge ethanol exposure	BGSFN	257
Ghayyur, H.	Clay County Summer Fitness & Nutrition Program	CCTS	136
Ghazala, L.S.	Myonuclear number is decreased in aged diaphragm of satellite cell depleted mice	Health Sciences	165
Gibson, K.	Incidence and Treatment of Impacted Maxillary Canines	Dentistry	293
Gmmash, A.S.	Context Focused Intervention Versus Child Focus Intervention in Improving Performance of Functional Tasks in Young Children with Cerebral Palsy	Health Sciences	206
Goe, C.A.	Critical-Care Pain Observation Tool (CPOT) Implementation	Nursing	275
Gohrband, C.L.	The Clinical Transition Process for Adolescents with Lifelong Disabilities from the Perspective of Pediatric Physical Therapists: A Delphi Study	Health Sciences	200
Gouge, V.	Analysis of Hairy-related 9 (her9) During Vertebrate Ocular Development	BGSFN	230
Gower, R.; Mercado, J.	A study of vocal function in adults irradiated for larynx cancers	Health Sciences	176
Greene, E.	Modification of the serotonergic system in larval Drosophila: development, behavior and physiology	BGSFN	219
Gregg, B.T.	Student Veteran Occupational Transitions in Postsecondary Education: A Grounded Theory	Health Sciences	194
Guest, M.A.	Dissemination of a Dementia Education Program for Caregivers and Practitioners: The Dementia Dialogues Program	Public Health	17
Hahn, E. J.	Impact of Kentucky Governor Beshear's Tobacco-Free Executive Order	Nursing	278
Hamid, U.Z.	Effects of Environmental Conditions on c-fos Expression in Rat Nucleus Accumbens After Remifentanyl	BGSFN	225
Hamlet, S.M.	An Interactive Videogame Designed to Optimize Respiratory Navigator Efficiency in Children Undergoing Cardiac Magnetic Resonance	Engineering	151
Hammer, J.D.	Squeeze Me if You Can: Variability in Force Requirements to Extract a Drop from Common Glaucoma Bottles	CCTS	109
Hampton, K.K.	PGRMC1/S2R: A Targetable Mechanism for Insulin Receptor Signaling	CCTS	105
Harp, J.P.	Clarifying Diagnosis of Posterior Periventricular Nodular Heterotopia Using Neuropsychological Assessment	BGSFN	249
Hartsfield, Jr., J.K.	OSA is Associated with Increased Waist and Neck Circumference Depending on Location/Altitude	Dentistry	307
Harvanko, A.M.	Impulsive Behavior as a Predictor of Outcomes for Adolescents Enrolled in an Online Contingency Management Program for Smoking Cessation	CCTS	33
Harvey, E.A.	Searching for Genetic Links between Natural Missing Teeth and Cancer	CCTS	53
Henning, A.	Critical Appraisal Topic and Future Research: Frailty pre-surgery predicts functional outcome post-surgery in patients with aortic valve implantation	Health Sciences	211
Hensley, V.	Childhood Bullying: Assessment Practices and Predictive Factors Associated with Assessing for Bullying by Health Care Providers	Nursing	276
Henson, D.M.	Interplay of Latent Tuberculosis Infection and Acute Myocardial Infarction	CCTS	77
Herald, B.	Early life exposure to glucocorticoids exaggerates diet-induced obesity in female rats	CCTS	133
Herren, C.K.	Effect of US Drug Enforcement Administration's Rescheduling of Hydrocodone Combinations on Opioid Analgesic Prescribing in Kentucky	CCTS	94
Hickey, A.	Alterations in Quadriceps Morphology Following an Anterior Cruciate Ligament Reconstruction: An MRI Based Assessment	CCTS	102
Hickey, T.N.	(2016) An Undergraduate Education Module Based on a Research Question: The Effects of Neighboring Muscle Injury on Proprioception Responses in Crayfish and Crab	BGSFN	216
Hoffman, J.B.	Butyrate Modulates Cav-1 and Its Binding Partner AhR, Leading to Differential Cyp1a1 and Cyp1b1 Gene Expression in Vascular Endothelial Cells	CCTS	70
Hoffman, J.D.	Ageing Increases Markers of Inflammation and Alters Brain-Gut Interactions	BGSFN	261
Holtkamp, Z.T.	Efficacy of a Home Training Program in Army National Guard Soldiers to Improve Performance and Reduce Injuries: A Pilot Study	Health Sciences	209

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Huang, C.	Intraoperative Optical Assessment of Blood Flow Changes in Mastectomy Skin Flaps in Patients with Breast Cancer	Engineering	149
Huffman, D.M.	Feasibility of Graded Somatosensory Stimulation for Selective Sleep Restriction in Rodents	Engineering	157
Hunt, E.	Application of an Optimal Cyclic Compressive Load as a Massage-Mimetic Does Not Induce Damage to Young and Aged Rat Skeletal Muscle	Health Sciences	180
Hunter, E.G.	Functional outcomes by age for inpatient cancer rehabilitation: A retrospective chart review	Public Health	16
Hurst, M.L.	A Descriptive Analysis of Firearm Legislation and Law Enforcement Suicides in NVDRS Funded States	Public Health	15
Idris, A.	A Novel Insight into Stem Cell Mobilization by Using Cell-based and Hydrogel-based Therapies Employing Cathelicidin Related Antimicrobial Peptide (CRAMP) as a Potential Therapeutic Target in Ischemic Heart Disease	CCTS	78
Jacob, G.J.	Beta-Angle and W-Angle Cephalometric Values in a Caucasian Ohio Valley USA Sample	Dentistry	296
Jacobs, J.	Systematic Adaptation of Parenting Intervention Delivery in Underserved Communities: Appalachia and ADAPT-ITT	CCTS	36
Jayne, K.J.	Walking for Wellness: An Elementary School Based Intervention to Promote Exercise and Health Education in Rural Kentucky	CCTS	135
Jesinger, M.	Troponin elevation is more predictive than clinical risk scores alone in predicting mortality in septic patients with Type II NSTEMI	CCTS	79
Jochimsen, K.N.	Acute ACL Injury and Early Posttraumatic Osteoarthritis Biomarker Variability	Health Sciences	198
Johnson, A.	A Retrospective Investigation of Cardiovascular Intensive Care Unit Physical Therapy Practice	Health Sciences	207
Jones, D.A.	Microindentation Testing Protocols for Human Trabecular Bone	Engineering	161
Jordan, C.T.	Evaluation of Poly(curcumin) Microparticle Degradation and Activity in the Presence of Free Radical Generating Systems	Engineering	143
Kaine, J.	Peer Mentors are Non-Inferior to Attendings in Teaching Basic Ultrasound Guided IV Access	CCTS	88
Kallik, C.	Can Lobinaline Reduce Ethanol Consumption in C57BL/6J Mice?	BGSFN	254
Katsumata, Y.	Examining Hippocampal Sclerosis of Aging Genes: ABCC9, GRN, KCNMB2 and TMEM106B	Public Health	2
Kearns, N.E.	The Amount of Moderate to Vigorous Physical Activity Needed to Induce Weight Loss in Children Age 8-12: A Critical Appraisal Topic	Health Sciences	185
Kehler, S	The Association of Prenatal Tobacco Use and Immune Response in the Development of Hypertensive Disorders	Nursing	274
Kidd, M.	Assessing the Relationship between Sports Participation and Self-Esteem among Middle-School Students	CCTS	25
Kim, J.M.	Enzymatic evidence for a revised congocidine biosynthetic pathway	Health Sciences	168
Kim, U.	Differences in Incidence of Left Ventricular Thrombus in the setting of an Acute Myocardial Infarction based on P2Y12 inhibitor use	CCTS	80
Kimmerer, W.	Computer Aided Diagnosis and Scoring for Parkinson's Disease utilizing Voice Recordings and Dopamine Transporter Scans	BGSFN	236
Kingsbury, A.	Can Chest Width Be Used as a Surrogate for Weight for Selection of Contrast Injection Rate for Computed Tomographic Angiography?	CCTS	95
Klimyte, E. M.	Disruption of human metapneumovirus interaction with heparan sulfate inhibits infection in human lungs cells and airway tissues	CCTS	126
Kline, P.	The Effects of Trunk Fatigue on Proximal Joint Kinematics and Coupling During Running	Health Sciences	196
Kognole, A.A.	Inhibition of Mammalian Glycoprotein YKL-40: Identification of the Physiological Ligand	Engineering	147
Kosik, K.B.	An Examination of Corticomotor Plasticity in Individuals With and Without Chronic Ankle Instability	Health Sciences	203
Kraner, S.D.	NFAT4 Is Up-Regulated in Astrocytes in Aging Dog Brain Model	BGSFN	248
Kudrimoti, M.M.	Chloroquine Sensitizes Melanoma Cells to the Action of Ionizing Radiation	CCTS	60

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Kulbe, J.K.	Cyclosporine A Protects Synaptic and Non-Synaptic Mitochondrial Bioenergetics 24h Following Severe Controlled Cortical Impact Injury	BGSFN	222
Laird, D.	Sex Differences in Pioglitazone Analgesia for Painful Diabetic Neuropathy	BGSFN	250
Larre I.	Role of Na-K-ATPase alpha-1 isoform in tight junction.	CCTS	106
Laungani, N.A.	Physical and Psychological Impact of Periodontitis on Perpetuation of Negative Factors for the Underprivileged	Dentistry	285
Lawless, R.D.	Magnetic Resonance T2 Measurements on the Vastus Lateralis in ALC-Injured and Uninjured Legs	Health Sciences	170
Lex, M.	The Long Term Effect of Quadriceps Strength on Function after an Anterior Cruciate Ligament Reconstruction	Health Sciences	171
Lin, C.	Why Don't Heart Failure Patients Respond to Worsening Symptoms?	Nursing	281
Littlejohn, E.L.	Intranasal Delivery of Human Insulin-like Growth Factor-1 Mediates Regional Alterations to the mTOR Signaling Pathway in the Hippocampus Following TBI	BGSFN	237
Liu, M.	A predictive probability design for phase II clinical trials with continuous endpoints	Public Health	3
Loe, A.M.	Intracellular Changes in Nicotinic Acetylcholine Receptors in Response to Ligand Exposure: A Single Molecule Approach	BGSFN	228
Lynch, E. B.	Glucocorticoid-mediated suppression of Wnt/ β -catenin signaling impairs intestinal stem cell activation in inflammatory bowel disease	CCTS	90
Ma, F.	Protease-Activated Receptor 4 Induces Bladder Pain through Disulfide High Mobility Group Box-1 Acting on Receptors for Advanced Glycation End Products	CCTS	116
MacDonald, M.A.	The Effect of Blood Flow Restriction Training on Improving Quadriceps Strength and Function	Health Sciences	175
Mahmood, D.	Optogenetic and pharmacological alteration in the GABAergic system within Drosophila melanogaster affects development, feeding behavior and locomotion.	BGSFN	221
Malekera, C.N.	Does Site of Intravenous Access for Contrast Administration for Thoracic Computed Tomographic Angiography Influence Quality?	Public Health	13
Malloy, C.A.	Cholinergic modulation of locomotion and feeding behaviors in Drosophila melanogaster larvae	BGSFN	227
Marquez, M.J.	Hip and knee angle asymmetries during the second landing of a drop vertical jump following an ACL reconstruction	Health Sciences	172
Marrs, B.H.	Expression of Integrin $\alpha 6 \beta 4$ Alters the Response to Chemotherapy in BT-549 Cells.	CCTS	54
Martha, S. R.	The Effect of CO ₂ , Intracellular and Extracellular pH on Mechanosensory Proprioceptor Responses in Crayfish and Crab	BGSFN	215
Martin, B.M.	Community Coordinated Screening and Outreach in The Big Sandy Area Development District	CCTS	137
Maxson, A.	HIV Testing in Dental Practices, Is it Practical?	Dentistry	300
McCann, M.R.	Evaluating the Role of Early Tracheotomy and Percutaneous Endoscopic Gastrostomy in Critically Ill Hemorrhagic Stroke Patients	CCTS	96
McCann, R.S.	Prediction of Lower Extremity Injury in Collegiate Women's Soccer Players	Health Sciences	204
McKenty, T.	Quantifying the effects of hydrostatic pressure on fibroblast growth factor-2 binding by human endothelial cells	Engineering	160
McMullen, J.	Impact Evaluation of 'College CHEF,' a Campus-based, Culinary Nutrition Education Program	CCTS	26
Mediwala, K.N.	Risk Factors for Pseudomonas aeruginosa to Guide Empiric Therapy for Gram-negative Infections	CCTS	97
Mencarelli, E.	Reconstruction of Oral Commissure Defect: Radial Forearm Free Flap	Dentistry	292
Mettler, J.H.	The Effects of a Hip Flexor Stretching Program on Running Kinematics in Individuals with Limited Passive Hip Extension	Health Sciences	179
Mirsky, B.G.	Spatial Learning Deficits in a Novel Mouse Model of Fetal Alcohol Spectrum Disorders	BGSNF	264
Mishra, P.	Effects of intraoral administration of onabotulinumtoxinA in intractable persistent dentoalveolar pain: A case series	Dentistry	291

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Morgan, K.D.	Waveform parameter estimation techniques for evaluating knee stiffness and control during gait following an anterior cruciate ligament reconstruction	Health Sciences	210
Murphy, R.A.	Anti-Viral Medication Tenofovir Causes Oxidative Stress and Apoptosis in HK-2 Cells	CCTS	91
Murphy, R.A.	Home Safety in the Elderly: Patient-Centered Outcomes Research Focused on Assessment of Knowledge, Needs, and Barriers.	CCTS	132
Myers, N.L.	Development of a Volume-Based Stroke Interval Training Program in Elite Level Tennis Players	Health Sciences	186
Nagle, J.M.	Evaluating molecular markers in a colorectal cancer lung metastasis model	CCTS	55
Najarzadeh, A.	Concentrically and Axially Graded Hybrid Polymeric Scaffold	Engineering	142
Namkoong, K.	Emotional Support and Psychological Health of Low-Income Populations	CCTS	43
Nataraj, N.	Epidemiology of Colon Cancer in Southeastern Kentucky-highest incidence of colorectal cancer in the United States	CCTS	61
Naze, G.N.	Exercise as a Treatment for Cervicogenic Headache: Interpretation of Findings from Systematic Review.	Health Sciences	202
Nolan, N.	Anti-Invasive activity of capsaicin and natural capsaicin-like compounds in human NSCLC	CCTS	48
Oh, G.	Opioid utilizations in patients with diabetes	Public Health	11
Okoli, C.T.C	Title: Personalizing Smoking Cessation Pharmacotherapy based on the Nicotine Metabolite Ratio (NMR): A systematic Review	CCTS	66
Omar, A.	Pharmacological Identification of Cholinergic Receptor Subtypes in Modulation of a Drosophila melanogaster Sensory-motor Circuit	BGSFN	214
O'Toole, W.	Buprenorphine Modulates Angiogenesis	CCTS	118
Pandruvada, S.N.	Inhibition of Osteoclastogenesis In Vitro by Antibodies to Porphyromonas gingivalis	Dentistry	304
Pant, A.	Effect of Prenatal Maternal Tobacco Use on Intermittent Hypoxemia and Length of Stay in Preterm Infants: Pilot Study	CCTS	122
Parikh, I.	Rapamycin: A Preventative Therapeutic for Alzheimer's Disease	BGSNF	265
Parkman, J.K.	Congenetic Mice Confirmed QTL Linked to Obesity and Hyperlipidemia on Chromosome 1 in the TALLYHO Mouse	CCTS	107
Parr, R.W.	Capnography for Patient Monitoring during Moderate Sedation in Pediatric Dentistry	Dentistry	289
Parsley, S.	Promoting Tobacco Cessation through Community Partnerships to Support the Kentucky Quitline	Nursing	279
Per, N.J.	Identification of Novel mTBI Biomarkers Using Phage Display	BGSFN	259
Petriello, M.C.	Dioxin-like pollutants increase hepatic flavin containing monooxygenase (FMO3) expression to promote synthesis of the pro-atherogenic nutrient biomarker Trimethylamine N-oxide from dietary precursors	CCTS	72
Peyyala, R.	Development of small molecule inhibitors of the cystalysin of Treponema denticola	Dentistry	295
Phan, T. A.	Delivery of Doxycycline from PLGA-Coated Hernia Meshes	Engineering	139
Picha, K.J.	Strength Training Progression Effectiveness with Use of the Smart Handle	Health Sciences	188
Piedade, W. P.	Sensitivity of presynaptic pH on synaptic transmission: Differences in evoked and spontaneous release.	BGSFN	233
Pittman, A.B.	Can Chest Width Be Used as a Surrogate for Weight for Selection of Contrast Injection Rate for Computed Tomographic Angiography?	Health Sciences	177
Piowski, S.	Exploring the Mechanism by Which 2,3,7,8,-Tetrachlorodibenzodioxin (TCDD) Regulates Jagged-1 via the Aryl Hydrocarbon Receptor	CCTS	62
Pleiss, M.	Inhibition of astrocytic calcineurin/NFAT signaling in a mouse model of vascular cognitive impairment and dementia	BGSFN	229
Potter, S. J.	Acute and chronic effects of inhibiting mTOR by rapamycin on development, behavior, and physiology in larval Drosophila	BGSFN	218
Pravosud, V.	Development of Multiple Primary Cancers in Lung Cancer Patients: Appalachian vs. Non-Appalachian Populations of Kentucky	Public Health	7
Ragaey, M.	Stability of Maxillary Advancements using a combination of prebent and conventional plates for fixation	Dentistry	301

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Rajagopal, M.	Body Mass Index, Exercise, and Weight Perception: Impact on School Performance in Teens	CCTS	38
Rashidi, V.	Assessing Behavioral Problems in Children with Hearing Loss	CCTS	34
Ravisankar, A.	Stability and Crestal Bone Changes Around Implants Immediately Loaded for Mandibular Overdentures: A Randomized Controlled Study	Dentistry	298
Redfield, J.	Effect of Limiting Intercourse on Perinatal Outcomes	CCTS	123
Redzic, M.	Unsaturated to Saturated Fatty Acid Intake Ratio is Inversely Associated with Intramyocellular Lipid in Healthy, Aged Individuals	Health Sciences	191
Reister, E.J.	Depletion of Satellite Cells does not cause an Increase in Extracellular Matrix in Diaphragm Muscle of Running Mice	Health Sciences	166
Reuter, N.G.	Dentistry and Fatal Outcomes: A Systematic Review	Dentistry	302
Richardson, N.	Mood-based impulsivity is reduced by environmental enrichment in female rats: Neural correlates using c-Fos immunoreactivity	BGSFN	258
Riley, M.E.	Longitudinal 3-Dimensional Evaluation of Placental Development	CCTS	124
Rittschof, C.C.	Social Cues and Diet Restriction Act Through Similar Neural Mechanisms to Affect Aggression in the Honey Bee	BGSFN	231
Robateau, Z.	Anti-angiogenic activity of nicotinic receptor antagonists in lung cancer	CCTS	56
Robinson, T.	Muscle Spindle Changes in Satellite (Stem) Cell Depleted Mice Alter Coordinative Balance	Health Sciences	167
Romanelli, M.R.	Effects of acute buspirone administration on impulsive choice and inhibitory control in cocaine users	CCTS	35
Roper, K	Identifying community perspectives for a lung cancer screening awareness campaign in Appalachia Kentucky: The Terminate Lung Cancer (TLC) Study	CCTS	67
Rushing, J.	Music Therapy Intern Supervision Inventory	Health Sciences	205
Rutter, W.C.	Acute kidney injury in patients treated with vancomycin and piperacillin-tazobactam: a retrospective cohort analysis	CCTS	98
Salt, E.G.	Moderating Effects of Immunosuppressive Medications and Risk Factors for Post-Operative Joint Infection Following Total Joint Arthroplasty in Patients with Rheumatoid Arthritis or Osteoarthritis	CCTS	113
Saunders, M.A.	Novel Synthetic Isoflavone for the Treatment of AUD: An Examination In Vitro and In Vivo	BGSFN	251
Schilling, J.	Navigating High-Risk In-Patient Clients using a Lay-Health Worker Model in Eastern Kentucky (Bridges to Home at St. Claire Regional Medical Center)	CCTS	100
Schnell, D.M.	Calcitriol treatment increases oxygen consumption and blunts lipid accumulation in human myotubes	Health Sciences	195
Schuijer, M.	A Lifecourse Examination of Divorce Using a New Population Based Dataset	Public Health	18
Seals, J.M.	The Fallen but Never Forgotten: A Spatial Consideration of Suicide Decedents with Military Service	Public Health	9
Sethi, M.	Noninvasive Sleep Monitoring in Large Scale Screening of Mouse Knockouts (KOMP2) Produces High Hit Rate with Implications for Sleep and Behavioral Studies	BGSFN	240
Shackleford, T.L.	Patient Navigation in the Medically Underserved: A Systematic Review	CCTS	99
Shady, K.E.	Investigating the Effects of Hyperglycemia on the Developing Zebrafish Retina	BGSFN	253
Shankar, A.	Higher Incidence of Early-Onset Colorectal Cancer in Southeastern Appalachian Kentucky due to Genetic and Epigenetic Characteristics	CCTS	64
Sharab, L.	Treatment Factors and VDR Polymorphism Effect on Orthodontic Root Resorption	Dentistry	299
Shojaei, I.	How Aging Affects Viscoelastic Response of the Human Lower Back to Passive Flexion	Engineering	162
Shrout, T.A.	Post-Operative Changes in Platelet Function as Clinical Indicators for Complications After Left Ventricular Assist Device Implantation	CCTS	81
Simpson, L.C.	Examining the Pharmacology of Stretch Activated Ion Channels in Mechanosensory Proprioceptor Responses in Crayfish, Crab and Drosophila	BGSFN	217
Sinha, G.P.	Neuropeptide Y Y1 receptor neurons in the substantia gelatinosa of the spinal cord exhibit tonic firing upon current injection	BGSFN	268

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Siza, C.S.	Equine Leptospirosis Seroprevalence in the Central and Bluegrass Regions of Kentucky from 1993-2015.	Public Health	12
Sloggy, J.E.	Vocal Function Exercises for the Treatment of Presbyphonia: A Case Study	Health Sciences	192
Smith, J.L.	Dietary sodium intake is predicted by anti-hypertensive medication regimen in heart failure patients	Nursing	283
Smith, K.E.	Profile of synthetic drug-users in corrections-based substance abuse program	CCTS	44
Soares, C.D.	Preliminary experience in the validation of an observational pain scale in patients with post-stroke aphasia	BGSFN	238
Somasundaram, E.	Modulatory Action of Acetylcholine in Mechanosensory Processing in <i>Drosophila melanogaster</i> : Behavior, Development, and Sensory-motor Circuit Physiology	BGSFN	213
Sompol, P.	Inhibition of the Astrocytic NFAT4 Quells Glutamatergic Hyperactivity in a Mouse Model of Alzheimer's Disease	BGSFN	252
Song, M.	An in Vitro Investigation of Tubulogenic Sprout Formation by Endothelial Cells Under Pressure	Engineering	159
Sousa, M.J.	The pattern of troponin release in sepsis-related type II myocardial infarction predicts mortality	CCTS	82
Spear, T.J.	Comparing the impact of through-plane motion during the cardiac cycle on steady state signal evolution in cine 2D and 3D balanced steady state free precession imaging	CCTS	83
Spitnale, M.J.	Impact of Perioperative Transfusions and Postoperative Major Complications on Overall Survival after Colon Cancer Resection	CCTS	63
Staggs, K.E.	Aged Animals Appear Cognitively and Behaviorally Hyporesponsive to Chronic Restraint (Psychosocial Stress) Compared to Young	BGSFN	255
Stanifer, S.R.	Radon Reduction: Taking Action for a Healthy Home in the Primary Care Setting	Nursing	280
Steele, A.M.	Myopathy-Dependent Long-Term Muscle Weakness in Murine Sepsis Survivors	CCTS	101
Stromp, T.A.	Non-Contrast MRI for Safe Assessment of Cardiac Fibrosis in End Stage Renal Disease Patients	CCTS	84
Su, A.E.	Evaluation of Methodology Used in Risk Network Research Among Populations Engaging in Sexual and Drug-Related Risk Behavior	CCTS	45
Suri, C.	How Activation of Trunk Muscles Affects Trunk Stiffness	Engineering	163
Tackett, S.A.	Association of Human Dental Agenesis and Polymorphisms on Chromosome 8q24	Dentistry	306
Thalman, S.W.	The Effect of Hypertrophy in CardioCEST Magnetization Transfer Contrast	Engineering	153
Thistlewood, T.S.	Educational Needs for Bone Marrow Transplant Patients: A Review of the Literature	Nursing	271
Tillson, M.	High Risk Substance Use and Sexual Behavior in Girls with Early Justice System Involvement: A Systematic Review	CCTS	41
Tomblin, J.K.	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)/Aryl Hydrocarbon Receptor (AHR) Regulation of L-Type Neutral Amino Acid Transporter 1 (LAT1) in Breast Cancer Cells	CCTS	57
Udechukwu, N.S.	Reduction of Cervical Cancer and Other Papilloma Virus Pathology by Improving Immunization Rates in Kentucky	CCTS	40
VanRooyen, J.L.	Restoration of Cellular Bioenergetics After Mitochondrial Transplantation into the Injured Spinal Cord	BGSFN	247
Vasquez, J.B.	Genetic Variants and Risk for Alzheimer's Disease: ABCA7	BGSFN	234
Vera, P.L.	Urine Levels of Macrophage Migration Inhibitory Factor are Increased in Patients with Bladder Inflammation	CCTS	117
Wade, A.	Hiatal Hernia Cruroplasty with a Running Barbed Suture Compared to Interrupted Sutured Repair	CCTS	130
Wagner, B.	Brain Imaging Validated Neuropsychological Indicators of Cognition in Persons with and without Brain Injury	BGSFN	242
Walaszek, M.C.	Effects Of Simulated Weight Gain On Muscle Activation During Sit-To-Stand Task	CCTS	103
Walch, J.F.	Crash Density Analysis of Motor Vehicles, in Fayette County, Kentucky	Public Health	10

(Alphabetical by Primary Presenter)

Poster Presentations - ALL SESSIONS

Primary Presenter	Title	Session	Post #
Walch, J.F.	An Examination of Traumatic Brain Injury as a Risk Factor for Psychiatric Symptoms in Alzheimer's Patients	Public Health	8
Wallace, M.	Blood Transfusions and Cardiac Suregry: Determining Who Gets What and How Much	Public Health	21
Walling, K.	Peer Mentoring and Substance Abuse Treatment	CCTS	46
Wang, C.	A comparative study of sleep and circadian rhythms between the house mouse (<i>Mus musculus</i>) and African spiny mouse (<i>Acomys cahirinus</i>)	BGSFN	239
Wang, H.	Computational Investigation of Hydrogel Injection Characteristics for Myocardial Support	Engineering	158
Wang, H.	Modeling the Ultradian Sleep-Wake Cycle in Rodents	BGSFN	245
Wasemiller, D.R.	Electrical alternans and prediction of ventricular arrhythmic events.	Engineering	154
Weatherford, S.	Central Appalachia Inter-Professional Pain Education Collaborative (CAIPEC)	CCTS	42
Wehner, G.J.	Off-resonance Distorts Images, Corrupts Displacement Measurements, and Alters Quantifications of Cardiac Strains in 2D Spiral Cine DENSE MRI at 3T and 1.5T	Engineering	152
Welleford, A.S.	Peripheral Nerve Autografts to the Substantia Nigra in Combination with Deep Brain Stimulation Surgery for the Treatment of Parkinson's Disease	CCTS	131
Whale Conley, C.E.	Effect of Pre-Operative Quadriceps Strength on 3-month Outcomes in Articular Cartilage Repair and Restoration Patients	Health Sciences	183
White, T.	Epithelial Cell Death is Differentially Induced by Commensals and Pathogens	Dentistry	297
Whitney, E. A.	Doing the Most Good: Promoting Healthy Eating among Central Kentucky's Youth	CCTS	27
Whitson, A.	Athletic Trainers Spend Most Time on Maintenance and Preventative Care to Keep Athletes on the Field	Health Sciences	187
Wiles, K.M.	Understanding Acute Physiological Responses to Altitude Exposure in Young Adults' Class Lab Project while Studying Abroad	CCTS	85
Wu, P-J	Photopolymerization and photolithography of polyethylene glycol-based hydrogels on biotinylated glass and A549 cell surfaces	Engineering	145
Yamasaki, T.Y.	Distinct Synuclein Seeds in Parkinson Disease and Multiple System Atrophy	CCTS	115
Yan, Y.	Pro 224-Ala Mutation of the Rat Na/K-ATPase α 1 Subunit Prevents Na/K-ATPase Signaling without Affecting Ouabain-Sensitive Ion-Exchange Function	CCTS	73
Yiannikouris, F.	Deficiency of (Pro)renin Receptor in Adipocyte induces Liver Steatosis and increases Blood Pressure in Lean and Obese Male Mice	CCTS	74
Zaytseva, Y.Y.	Evaluation of small-molecule FASN inhibitors in preclinical models of colorectal cancer	CCTS	58
Zhang, X.	Levels and Determinants of Access to Primary Healthcare Services among Women of Reproductive Age in Zone 3 of Dhaka City, Bangladesh	Public Health	5
Zhao, M.	Comparison of Post-occlusive Reactive Hyperemia Responses in Thigh Muscles and Tails of Mice Measured by Diffuse Correlation Spectroscopy	Engineering	150