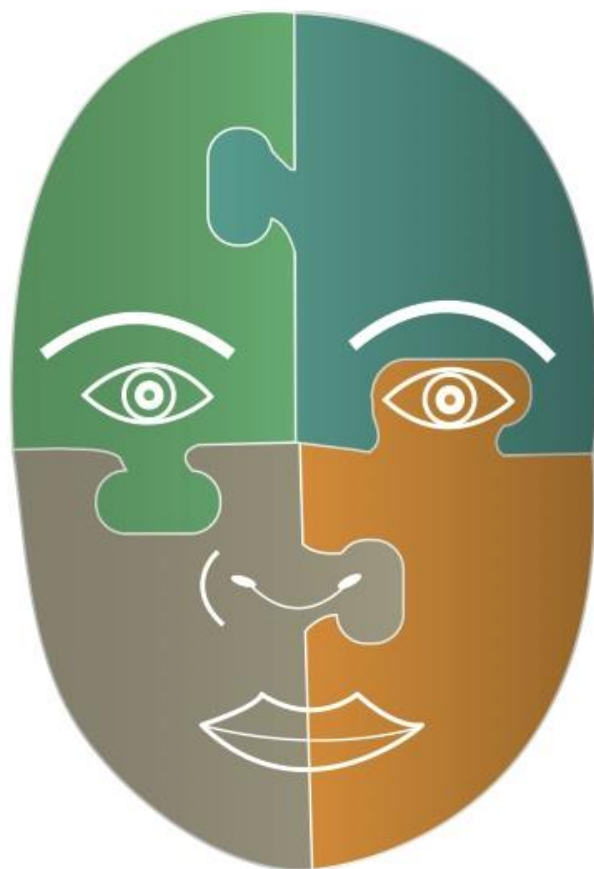


**28<sup>th</sup> Annual Graduate Research Symposium**  
**United in Discovery: The New Face of Research**

**2013 Program**



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## **Awards Luncheon (Ballroom) (12:30 PM – 2:00 PM)**



# Oral Presentations Session I: 9:00AM – 10:15AM

## *Rising Researchers (KSC Room 303)*

Judges: Deb Lamm, Kate Klonowski

### **9:00AM: The Mystery of The Double Sided-Portrait of Sir Christopher Hatton**

Lorianna Clarke

Department Of Art, Kent State University

### **09:15AM: An Investigation on Assets: Specifically The Five Cs and Positive Youth Development**

Nicolle Estevez

Department Of Psychology, Kent State University

## *Biology and Social Problems (KSC Room 309)*

Judges: Lynette Phillips and Gail Fraizer

### **9:00AM: Public Health Workforce Provisions in the Patient Protection and Affordable Care Act (ACA)**

Eric Hutzell, Neda Kasim

Department Of Health Policy & Management, Kent State University

### **09:15AM: Influenza Vaccination Rates in Adults with Chronic Obstructive Pulmonary Disease: the Impact of a Diagnostic Breathing Test**

Dana Mowls, Vinay Cheruvu, Melissa Zullo

College of Public Health, Kent State University

### **09:30AM: The Effects of Initial Hip Abduction and External Rotation Strength and Neuromuscular Fatigue of the Gluteus Medius on the Star Excursion Balance Test in Male and Female Healthy Subjects**

Meredith Decker

College of Education, Health, and Human Services, Kent State University

### **09:45AM: Online Social Support Behaviors of Veterans with PTSD**

McKenzie Pittman and Andrea Meluch

Department of Communication Studies, Kent State University

## *Space and Place Part I (KSC Room 310A)*

Judges: Jacqueline Mills and Scott Sheridan

### **09:00AM: Mountain City Rising: Planning Centrality in Chongqing, China**

MihranKazandjian

Department of Geography, Kent State University

### **9:15AM: A correlation of western Arctic Ocean sedimentation and atmospheric temperature from northern Alaska during the last 2,000 years**

Jeffrey Harrison

Department of Geology, Kent State University

### **09:30AM: Blight around the urban community gardens in the Kinsman Neighborhood of Cleveland, Ohio**

Jackie Luke

Department of Geography, Kent State University

### **09:45AM: Pets as More Than People, An Examination of Human Inequality**

Brandon Luke

School Of Geography, Kent State University

### **10:00AM: Produced Water Scarcity in Lima, Peru: Prioritization of Green Space over Barriada Neighborhoods**

Rachel Will

School Of Geography, Kent State University

*Health and Wellness Part I (KSC Room 310B)*

Judges: Jigzhen Yang and Jeffery Huston

**9:00AM: Identifying the best bisymmetric pain measurements to detect the presence of a chronic pain condition among women**

Matthew Reichenbach  
College of Public Health, Kent State University

**9:15AM: Associations between Insufficient Sleep, Health-Related Quality of Life, and Life Satisfaction, among Adults with Asthma: A Mediation Model Approach.**

Lauren Drinkard, Vinay Cheruvu  
College of Public Health, Kent State University

**9:30 PM: Risk-Prone Throwing Activities and Reported Arm Pain and Fatigue in Youth Baseball Pitchers**

Yiyang Liu  
College of Public Health, Kent State University

**9:45PM: An investigation into the relationship among television consumption, desensitization, and empathy.**

Lindsay Hahn  
Department of Communication Studies, Kent State University

**10:00AM: Social Media as a Means of Promoting Peer-Based Learning in Design Education**

Adina Feigenbaum  
College Of Visual Communication Design, Kent State University

*Geography and Geology Part I (KSC Room 313)*

Judges: Sarah Smiley and David Kaplan

**9:00AM: Utilizing spatial video data collection in a post-disaster environment: The Joplin Tornado of May 22nd 2011**

Adam Cinderich  
Department Of Geography, Kent State University

**9:15AM: Hypothermia Information in the United States: An Overview**

Jeremy Spencer  
Department Of Geography, Kent State University

**9:30AM: Media and Peacekeeping in Haiti and the Ivory Coast**

Cadey Korson  
Department Of Geography, Kent State University

**09:45AM: Problem of Poverty, or poverty of Problem? Understanding the concept of poverty**

Jaerin Chung  
Department Of Geography, Kent State University

**10:00AM: Threats to International Students**

Steven Walters  
College of Education, Health, and Human Services, Kent State University

*Exercise Physiology and Biomedical Sciences Part I (KSC Room 314)*

Judges: Scott Grey and Lisa Chinn

**9:00AM: Initial observations of PCL Sharpey's Fiber insertion depth in four species of Primate**

Aidan Ruth

College of Biomedical Science, Kent State University

**9:15AM: The Effects of Recombinant Osteoactivin on Signaling Pathways in Osteoblasts**

Gregory Sondag

College of Biomedical Science, Kent State University

**9:30AM: Voltage-gated Potassium Channel Currents of Binaural Hearing Neurons in Avian Sound Localization Circuit**

William Hamlet

College of Biomedical Science, Kent State University

**9:45AM: OA-D Peptide Enhances Bone Growth Hilary Stinnett, Fouad M. Moussa, Joseph Miladore, Kimberly Novak, Samir M. Abdelmagid, Fayez F. Safadi Department of Anatomy and Neurobiology, Northeast Ohio Medical University**

Hilary Stinnett

College of Biomedical Science, Kent State University

**10:00AM: FXR, a Novel Receptor in Bone Cell Differentiation and Function**

Fouad Moussa

College of Biomedical Science, Kent State University

*Political Science (KSC Room 315)*

Judges: Richard E. Adams and Susan Roxburgh

**9:00AM: Respondents' Lack of Knowledge or Loyal Cue-Taking Tendencies?: Revisiting the Homer Gets a Tax Cut Debate.**

Kristen Traynor

Department Of Political Science, Kent State University

**9:15AM: Where do the Gender Differences in Legislative Effectiveness Begin? An Examination of Committee Request Success and Legislative Effort in the 93rd - 103rd Congresses**

Lisa Hager

Department Of Political Science, Kent State University

**9:30AM: An evaluation of civil society projects in post-conflict societies**

Alireza Raisi

Department Of Political Science, Kent State University

**9:45AM: Explaining Democracy in the Former Soviet Republics: Is there a resource curse?**

Yeo Jung Yoon

Department Of Political Science, Kent State University

**10:00AM: The Influence of the Human Rights Regime on U.S. Foreign Aid Appropriations**

Jessie Rumsey

Department Of Political Science, Kent State University

*English (KSC Room 316)*

Judges: Melissa Spohn and Rosemarie Bank

**9:00AM: "I seek an image, not a book": Jack B. Yeats Visualizing Irish Identity**

Heather Brown

Department Of English, Kent State University

**9:15AM: In Dialogue to Celebrate Ancestral Voices from both sides of the Atlantic: Chinua Achebe and James Baldwin**

Meltem Oztan

Department Of English, Kent State University

**9:30AM: Material Conditions for Women Writers and Women's Literacy: Virginia Woolf's Perspective-Then and Now**

Shazia Nasir

Department Of English, Kent State University

**9:45AM: "Reading on the Edges: Paratextual Justification in Erskine Caldwell's God's Little Acre"**

Ross Tangedal

Department Of English, Kent State University

**10:00AM: The Nature of Women: the evolution of gender expectations in cultural and literary texts**

Colleen Thorndike

Department Of English, Kent State University

***Economics and Marketing (KSC Room 317)***

Judges: Marilyn A. Norconk and Catherine Smith

**9:00AM: Cards, Creatures and Almost Anything: A Study of Children's Trading**

Marie Yeh

Department Of Marketing and Entrepreneurship, Kent State University

**9:15 AM: Management of a Multinational Salesforce: A Transaction Cost Examination of the Sales Network**

Rebecca Dingus

**9:30 AM: The Price of Guilt: Explaining Pay What You Wish Behavior**

Paul Mills

Department Of Marketing and Entrepreneurship, Kent State University

**9:45 AM: Suggested Bounds in Participative Pricing Mechanisms: When Should You Limit Your Customer?**

Hillary Mellema

Department Of Marketing and Entrepreneurship, Kent State University

**10:00 AM: The Impact of Person-Charity Congruence on Donation Behavior**

Hua Meng

Department Of Marketing and Entrepreneurship, Kent State University

**Oral Presentations Session II: 11:00AM – 12:15PM**

***Identity and Behavior (KSC Room 303)***

Judges: Susan Roxburgh and Fashaad Crawford

**11:00AM: Religious vs. Non-religious: The Effect of a Counter-Normative Identity on Salience and Prominence**

Fritz Yarrison

Department of Sociology, Kent State University

**11:15AM: Normative and Counter-Normative Identities: Discrepancy, Cognition, and Emotional Response Among Parents and Non-parents**

Brooke Long

Department of Sociology, Kent State University

**11:30AM: Lifting the Veil: Literary Evidence for Interactions between Grecian Mystery Traditions**

Shellie Smith

Department of Liberal Studies, Kent State University

**11:45AM: James Turrell's Ganzfeld Pieces: Heterotopian Palettes of the Fourth Dimension**

Heather Haden

Department of Art History, Kent State University

**12:00PM: Ranging Patterns and Habitat Use of *Saguinus midas* in Berg en Dal, Suriname**

Gina Cherundolo

Department of Anthropology, Kent State University

*Education (KSC Room 309)*

Judges: James Bracken and Mary Hricko

**11:00AM: Teacher Causal Attributions: A Critical Implementation Factor in Intervention Provision for Students who Exhibit Problem Behavior**

Andrea Simms

Department Of Lifespan, Development and Educational Sciences , Kent State University

**11:15AM: A Study of Relative Effectiveness of Online Visual Instructions by Combined Analysis of Brain Activity, Spatial Intelligence, and Learning Outcomes**

Hyangsook Lee

Department Of Lifespan, Development and Educational Sciences , Kent State University

**11:30AM: The Influence of Social Media on International Students' Academic and Psychological Well-Being**

Neete Saha, Aryn Karpinski

College of Education, Health and Human Services, Kent State University

**11:45AM: Preservice Special Education Teachers' Views of Inquiry in Science: Issues and Hopes**

Rajlakshmi Ghosh

Department Of Teaching, Learning and Curriculum Studies, Kent State University

**12:00PM: Cross-cultural perceptions of secondary school experience through interscholastic journalistic inquiry**

Kate Klonowski

Department Of Cultural Foundations, Kent State University

*Space and Place Part II (KSC Room 310A)*

Judges: Melissa Spohn and Marilyn A. Norconk

**11:00AM: Food Insecurity on Campus**

Natalie Fox, Valerie Reed, Caitlin Carroll

Department of Foundations, Leadership & Administration, Kent State University

**11:15AM: Design Education for Uganda Secondary Schools**

Penina Acayo

College Of Visual Communication Design, Kent State University

**11:30AM: The butler didn't do it! The continued influence of implied versus directly stated misinformation.**

Patrick Rich

Department of Psychology, Kent State University

**11:45AM: The Room of Relief**

Veronica Ceci

Department of Printmaking, Kent State University

**12:00PM: Economic Evaluation of a Land Bank Program in Canton Ohio**

Carissa Bowlin

Department Of Health Policy & Management, Kent State University

*Health and Wellness Part II (KSC Room 310B)*

Judges: Deric Kenne and Gail Bromley

**11:00AM: THE PILOT PROJECT “PERCEPTION OF THAILAND YOUNG PEOPLE TOWARDS INTENTION OF VOLUNTARY HIV COUNSELING AND TESTING”**

Pimpanitta Jittapirom

College of Nursing, Kent State University

**11: 15AM: The Heart iRx Study: Implications for Future Studies of Adherence Behavior in Older Adults with Heart Failure**

Carly Goldstein, Emily Gathright, Joel Hughes

Department Psychology, Kent State University

**11: 30AM: A Focus Group Analysis of Global Hand Hygiene Practices and Perceptions**

Diana Kingsbury, Lorriane Odhiambo, Julie Schaefer, Sunita Shakya

College of Public Health, Kent State University

**11:45AM: Protein 14-3-3 eta (YWHAH) is essential for normal meiotic spindle formation during mouse oocyte maturation in vitro**

Santanu De, Douglas Kline

Department of Biological Sciences, Kent State University

**12: 00PM: Delayed Bone Development in a Preeclampsia Mouse Model**

Suzanne Lababidi

Department of Biology, Kent State University

*Geography and Geology Part II (KSC Room 313)*

Judges: Lynette Phillips and Scott Grey

**11:00AM: Communicating School Emergency Plans with the Community Using Resilient Communication**

Jennifer Burrell

Department Of Geography, Kent State University

**11:15AM: Climatic controls of regional Arctic sea ice extent since the 1950s**

Thomas Ballinger

Department Of Geography, Kent State University

**11:30AM Characterizing Slope Stability of Colluvial Soils in Ohio Using LiDAR Data**

Matthew Waugh

Department Of Geology, Kent State University

**11:45AM: Circulation Pattern and Weather Type Associations with the Air Quality Index in Cleveland, Ohio**

Cameron Lee

Department Of Geography, Kent State University

*Exercise Physiology and Biomedical Sciences Part II (KSC Room 314)*

Judges: Gail Fraizer and Lisa Chinn

**11:00AM: THE EFFECT OF PEER INFLUENCE ON EXERCISE INTENSITY AND ENJOYMENT DURING OUTDOOR RUNNING IN COLLEGIATE DISTANCE RUNNERS**

Andrew Carnes

College of Exercise Physiology , Kent State University

**11:15AM: Single Leg Cycling: Implications for Rehabilitation**

Keith Burns

College of Exercise Physiology , Kent State University

**11:30AM: Single Leg Cycling: Implications for Rehabilitation**

Keith Burns

College of Exercise Physiology , Kent State University

**11:45AM: ANURAN EGG MASS SURVIVAL IN LAB SETTINGS WHILE EXPOSED TO INVASIVE PLANT EXTRACTS**

Lisa Regula-Meyer

Department of Biological Sciences, Kent State University

**12:00PM: Finite element studies of the chirality and shape transitions in twisted nematic elastomers**

Vianney Gimenez-Pinto

College of Biochemistry & Chemistry , Kent State University



*Science and Nursing (KSC Room 315)*

Judges: Gail Bromley and Melissa Zullo

**11:00AM: Describing and Evaluating the Feasibility Assessment Process for Local Health Department Consolidations**

Aimee Budnik, Ken Slenkovich  
College of Public Health, SBS Kent State University

**11:15AM: The effectiveness of Problem Based Learning on undergraduate nursing students.**

Homood Alharbi  
College of Nursing, Kent State University

**11:30AM: Induced Quadruplex to downregulate eIF-4E expression: A novel approach to cancer therapy**

Debmalya Bhattacharyya  
College of Biochemistry & Chemistry, Kent State University

**11:45AM: Sensitivity of Patient Wait Times with Human and Equipment Resources: A Case Study of the Labor and Delivery Department of Akron General with the use of Computer Simulation**

Candice Vander Weerd  
College of Management & Information Systems, Kent State University

**12:00PM: Inhibitory Kinesio® Tape Application to the Hamstring Muscle Group: An Investigation of Active Range of Motion and Perceived Stiffness Over Time**

Rachael German  
College of Education, Health, and Human Services, Kent State University

*Learning and Logistics (KSC Room 316)*

Judges: Jay Jahangiri and J. Mark Pike

**11:00AM: Computer-Assisted Language Learning (CALL) in Chinese EFL Context:QQ Application in L2 Reading Classroom**

Yang Gao  
College of Teaching, Learning and Curriculum Studies, Kent State University

**11:15AM: Peer, Familial and Relationship Conflicts as Risk Factors for Suicidal Behaviors in Youth Presenting at a Psychiatric Intake Response Center**

Krystal Tossone  
College of Psychology, Kent State University

**11:30AM: On the reverse isoperimetric inequality for some measures**

Galyna Livshyts  
College of Mathematics, Kent State University

**11:45PM: Refrigerated Cargo Unloading Queue Optimization in a Mixed Cargo Warehouse Environment**

Karoly Bozan  
College of Management & Information Systems, Kent State University

*Information and Empowerment (KSC Room 317)*

Judges: Kate McAnulty and Catherine Smith

**11:00AM: Social networking services' indirect effect on social capital: generalized trust and political efficacy**

James McQuiston  
Department of Political Science, Kent State University

**11:15AM: "Living by the Sword": Insights from the Kingdom of God**

Oindrila Roy  
Department of Political Science, Kent State University

**11:30AM: "The Impression Produced by Them Seems Quite Favorable": American Newspapers, the China Trade, and the Rhetoric of National Expansion in the United States, 1842-1856**

Mathew Brundage  
Department of History, Kent State University

**11:45AM: THE EFFECT OF GOVERNMENT BAILOUTS ON DEFAULT RISK AND CHARTER VALUES IN BANKING**

Natalya Schenck

**12:00PM: Education, perception and confidence: Financial literacy and financial behaviors of young adults**

Colleen Tokar Asaad

Department of Finance , Kent State University

## Undergraduate Poster Presentations

Judges: Mitch Sumner and Jeremy Spencer

**Poster 1 - G-Quadruplex-Mediated Regulation of Tyrosine Hydroxylase Gene Expression**

Matthew Thompson

Department of Chemistry and Biochemistry , Kent State University

**Poster 2 - If you designate it – will they bike? Bicycle Suitability and Assessment Tools for Active Transportation Modes**

Spencer Baker, Charles Frederick, Colin Thomas

Department of Geography, Kent State University

**Poster 3 – Avoidance Symptoms of PTSD Mediate the Relationship Between Trauma History and Quality of Life**

David Strasshofer

Department of Psychology , Kent State University

**Poster 4 – Running Performance in Police Academy Cadets Predicts Executive Functioning**

Morgan Shields

Department of Psychology , Kent State University

## Master's Poster Presentations

Judges: Sanda Katila, Mike Eskenazi, Michael Allen, Lindsey Westermann Ayers

**Poster 5 - Expression and Localization of Osteoactivin in Alveolar Bone Regeneration in Post-Extraction Healing Sockets in Normal and Diabetic Rat Model**

Rulla Aswad, Afif Sanyurah, Lana El-Shaar, Hugh Devlin, Fayez F. Safadi Kent State:

Department of Biology; Temple University: Department of Anatomy and Cell Biology, NEOMED

Afif Sanyurah, Lana El-Shaar

Department of Anatomy and Neurobiology, Kent State University

**Poster 6 – Pediatric Syndromic Surveillance of Day Care Illnesses**

Aieshia Brooks

Department of Epidemiology & Biostatistics, Kent State University

**Poster 7 – Systematic Review of Total Joint Replacement Classes Effect on Patient Outcomes**

Rachelle Schneiter, Emily Fisher, Rebecca Barecca

College of Nursing, Kent State University

**Poster 8 – Educating Saudi Mothers About Child Psychological Maltreatment: A Resource Packet About Child Psychological Maltreatment for Prevention Purpose**

Monerah Almahmoud

**Poster 9 – Effect of pretest cue exposure on fear generalization in males and females**

Joseph Lynch III, Tyler Vanderhoof

**Poster 10 – Pharmacological calcium mobilization synergizes with TLR signaling to enhance IL-12 production by murine DC**

Chi Huang

Department of Biomedical Science, Kent State University

**Poster 11 – United in Discovery: The New Face of Research**

Shawn Kerns

Department of Printmaking, Kent State University

**Poster 12 – Correlated Stress Components for The Parents of Children with ASD**

Megan Armbruster

Department of Speech Language Pathology, Kent State University

**Poster 13 – Perceived Weight, not Body Mass Index: a Strong Predictor of Suicide Risk among US Adolescents.**

Dana Mowls, Melissa Zullo, Vinay Cheruvu  
Department of Epidemiology & Biostatistics, Kent State University

**Poster 14 – Cross species comparisons of the retrosplenial cortex in primates: Through time and neuropil space**  
Mitch Sumner

Department of Anthropology, Kent State University

**Poster 15 – Using the Theory of Motivated Information Management (TMIM) and Family Communication Patterns (FCP) to Understand Individual Decisions to Undergo Genetic Testing for Huntington’s Disease (HD)**

Kaitlin Banduch

Department of Communication Studies, Kent State University

**Poster 16 - Disinhibition of GABAergic Neurons in Brodmann's Area 9 Compared to Surrounding Brodmann Areas in Schizophrenic and Normal Human Controls**

Amy Dupper

Department of Anthropology, Kent State University

**Poster 17 – Nurse Perceptions of Returning to School: Barriers and Motivations**

Wendy Sarver

College of Nursing, Kent State University

**Poster 18 – ZN-Angiogenesis Inhibitor**

Haiwa Wu

Department of Biological Sciences, Kent State University

**Poster 19 – Pregnant and Using: An Exploratory Qualitative Analysis of Prescription Opioid Abuse During Pregnancy**

Allison Thomas, Amy Beck

Department of Health Policy & Management, Kent State University

**Poster 20 – The Culture of Self-Care in an Online Learning Environment by Nurse Educator Graduate Students**

Ala'a Dalky, Carol Sedlak, Tina Saunders, Peggy Doheny, Homood Alharbi

College of Nursing, Kent State University

**Poster 21 – John Sloan and Stuart Davis in Gloucester: 1915-1918**

Kely Suredam

Department of Art History, Kent State University

**Poster 22 – Thermal Alteration of Hopewell Raw Materials Corresponding to Artifacts Recovered from Mann Mound 3**

Sara Hoffhaus

Department of Anthropology, Kent State University

**Poster 23 – Framing The New Soldier: How American newspapers frame the post-9/11 military service member**

Laura Fong

Department of JMC, Kent State University

**Poster 24 – What Music Tells Us About Ourselves and Our Cultural Experience**

Mary L. Tuck

Department of Ethnomusicology, Kent State University

## Doctoral Poster Presentations

Judges: Yuko Kurahashi, Kenneth J. Burhanna, Tricia Niesz, Koya Allen, Laura Schuch, Ann Abraham, Jigzhen Yang, Kate McAnnulty, Natalie Fox, Cindy Widuck and Jessie Guinn, Jr., : Deb Lamm, Kate Klonowski, Dwight Meyer

**Poster 25 – Efficiencies of identifying interacting genomic regions using evolutionary rate co-variation method using different number of sequences**

Madara Hetti Arachchilage, Porsha Frazier, Helen Piontkivska

Department of Biological Sciences, Kent State University

**Poster 26 – Controlled Release of Doxorubicin Derivative in Tumor Cells by Ternary Gold Nanoparticle System**

Nathan Beals

Department of Chemistry and Biochemistry, Kent State University

**Poster 27 – Prior Exposure to Chronic Stress Sensitizes Depressive-like Behaviors in Fisher 344 Rats When Re-exposed to Stress**

Jennifer Remus, Destiny Jamison  
Department of Biological Sciences, Kent State University

**Poster 28 – Oxytocin Receptor Distribution and Onset in the Developing Mouse Brain**

Steven Tamborski

Department of Biological Sciences, Kent State University

**Poster 29 – Stochastic vs. deterministic assembly of aquatic invertebrate communities in permanently flooded and intermittently dry wetlands**

DeShawn Johnson

Department of Biological Sciences, Kent State University

**Poster 30 – The impact of aquatic vegetation on sound transmission in wetland habitats**

Adrienne Hopson

Department of Biological Sciences, Kent State University

**Poster 31 - Exploring Kinetic Scenarios of Allosteric transitions in N and C-terminal domains of Calmodulin**

Prithviraj Nandigrami

Department of Physics, Kent State University

**Poster 32 - Sensory hairs in the bowhead whale (*Balaena mysticetus*) and spotted dolphins (*Stenella attenuata*)**

Summer Drake

Department of Biological Sciences, Kent State University

**Poster 33 – Mitochondrial Dysfunction induces neurite degeneration in neuroblastoma cells and decreases N-acetyl aspartate and acetate availability for myelination in multiple sclerosis brain tissue**

Shuo Li

Department of Biochemistry & Chemistry, Kent State University

**Poster 34 – Planning and Implementing Global Health Experiences to Enhance Cultural Competence.**

Homood Alharbi, RN, MSN, PhD Nursing Student, Carol Sedlak, PhD, RN, CNS, ONC, CNE, FAAN, Peggy Doheny, PhD, RN, CNS, ONC, CNE, Barbara Yoost, MSN, RN, CNS, CNE, ANEF

College of Nursing, Kent State University

**Poster 35 – A geospatial approach to identify risk factors associated with well water quality in rural Haiti**

Andrea Szell, Vanessa Marshall, Aieshia Brooks

Department of Geography, Kent State University

**Poster 36 – Assessing land-use patterns using GIS and spatial video on Kutubdia Island, Bangladesh**

Munshi Rahman

**Poster 37 – Ecologies of Understanding in Writing Studies and the Natural Sciences: A Comparative Analysis**

Chris McCracken

Department of English, Kent State University

**Poster 38 – “Preparing “Dual Citizens” for Tomorrow”**

Uma Krishnan

Department of English, Kent State University

**Poster 39 – “Oh, This Article is New”: An analysis of graphic representations in Computers and Composition**

Jessica Heffner

Department of English, Kent State University

**Poster 40 – Explaining Science Policy Adoption by a Unified Model of Innovation**

Alireza Raisi

Department of Political Science, Kent State University

**Poster 41 – Getting in the Game: A Quantitative Study of Second-Year Student-Athletes' Experiences Utilizing Existing Data of the 2010 Sophomore Experience National Survey**

Talea Drummer

Department of Higher Education Administration, Kent State University

**Poster 42 - Under pressure: How information anxiety affects traditional and remedial undergraduate students.**

Shelley Blundell

Library and Information Science, Kent State University

**Poster 43 - The Role of Relationship Satisfaction and Perceived Discrimination among Black/White Interracial Couples**

Jessica Burke

**Poster 44 - A Daily Process Model Examining Different Forms of Avoidance Coping Predicting Changes in Subsequent PTSD Symptoms**

Bryce Hruska

Department of Psychology, Kent State University

**Poster 45 - Disease-related collaboration and emotional well-being among couples coping with type 2 diabetes**

Rachel Hemphill

Department of Psychology, Kent State University

**Poster 46 - Substance use Moderates the Effects of PTSD and Depression on Suicidality among Minority Lesbian, Gay, and Bisexual Adolescents and Young Adults**

Brian Smith

Department of Psychology, Kent State University

**Poster 47 - An examination of hair cortisol levels predicting the development of PTSD symptoms following a recent trauma.**

Maria Pacella, Bryce Hruska, Douglas Delahanty

Department of Psychology, Kent State University

**Poster 48- Presynaptic inhibition is required for precision of long-term memory**

Patrick Cullen, Brooke Dulka, Samantha Ortiz

Department of Psychology, Kent State University

**Poster 49- Cognitive Deficits are Associated with Poorer Simulated Driving in Older Adults with Heart Failure**

Michael Alosco

Department of Psychology, Kent State University

**Poster 50- When I'm With You I Feel Like Me: Social Relationships and Experience of Authenticity and Meaning in Life**

Brian Don

Department of Psychology, Kent State University

**Poster 51- Medication Alarms for Medication Reminding in Heart Failure: Overdose or Snooze?**

Emily Gathright, Carly Goldstein

Department of Psychology, Kent State University

**Poster 52 - Paradoxical enhancement of fear expression and extinction deficits in mice resilient to social defeat**

Jeremy Meduri, Jeffrey DaMert

Department of Psychology, Kent State University

**Poster 53 - Social support from athletic trainer and symptoms of depression and anxiety at return-to-play**

Julie Schaefer, Ginger Yang

Department of Behavioral Science, Kent State University

**Poster 54 - Feasibility of Implementing a Pediatric Emergency Department Based Head Injury Prevention Program**

Lorriane Odhiambo, Jingzhen Yang

Department of Epidemiology & Biostatistics, Kent State University

**Poster 55 - The Impact of History of Cardiovascular Disease on the Development of Chronic Kidney Disease**

Suparna Navale

Department of Epidemiology & Biostatistics, Kent State University

**Poster 56 - Are Patients Identified Through Routine Screening of HIV Really Different?**

Ashley Tillison

Department of Epidemiology & Biostatistics, Kent State University

**Poster 57 - Alcohol Use Disorders: Prevention for the Elderly Population**

Vanessa Marshall, Eric Jefferis

Department of Prevention Science, Kent State University

**Poster 58 - Factors Associated with Contraceptive Choices among United States Adolescents; Are there Racial Disparities? An Analysis of the Youth Risk Behavior Surveillance System (YRBSS)**

Madonna Igah

Department of Prevention Science, Kent State University

**Poster 59 - The Use of Geospatial Video to Code Parcels for Predicting Risk of Exposure from Environmental Lead**

Laura Schuch, Vanessa Marshall, Lorriane Odhiambo

Department of Epidemiology & Biostatistics, Kent State University

**Poster 60 - Actinomycin D-induced apoptosis and apoptotic volume decrease in HeLa cells: A microscopic study using live fluorescence and transmission-through-dye microscopy**

Neda Kasim, Michael Model

Department of Epidemiology & Biostatistics, Kent State University

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**Poster 62 - The Differences in Physical Activity and Attention in Preschool Children Before and After Free Play and Structured Play Recess**

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**Poster 71 - Role of PKC $\epsilon$  in Hypoxia Induced Neurodegeneration**

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**Poster 73 - Group II mGluRs Induce LTD of GABAergic Transmission Without Modulating Glutamatergic Transmission in Cochlear Nucleus Neurons**

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Department of Surgery, Kent State University
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Mykhailo Pevnyi  
Liquid Crystal Institute , Kent State University

## **Special Thanks to All Those Involved!**

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