2012 TENNESSEE STATE UNIVERSITY-WIDE RESEARCH SYMPOSIUM

POSTER PRESENTATION SCHEDULE

GRADUATE POSTERS - Thursday, March 29, 2012 from 9:00 A.M. – 12:00 P.M.

GRP1 CHARACTERIZATION OF NALIDIXIC ACID-RESISTANT ISOLATES OF ERWINIA TRACHEIPHILA FOR GROWTH AND VIRULENCE
Mason, Sean N.*, Caleb Kersey & C. Korsi Dumenyo; Advisor, Dr. Dumenyo. Department of Agricultural & Environmental Sciences

GRP2 COUPLING MICROALGAE PRODUCTION TO WASTE TREATMENT AND CO2 MITIGATION
Fadeyi, Omowunmi*, Marie Blacksmith, Derric Lee; Advisor, Dr. Kudjo Dzantor. Agricultural and Environmental Sciences

GRP3 ENHANCING OF CELLULOSIC BIOMASS FEEDSTOCK PRODUCTION THROUGH ARBUSCULAR MYCORRHIZAL FUNGI SYMBIOSES
Moore, Virginia*, Janiel Jackson, Harold Pettigrew; Advisor, Dr. E. Kudjo Dzantor, Department of Agricultural Sciences

GRP4 THE EFFECT OF INCOME GROWTH AND FOOD CONSUMPTION PATTERN IN DEVELOPING COUNTRIES ON U.S. AGRICULTURAL EXPORT.
Giwa, Damilola* and Enefiok Ekanem; Advisor, Dr. Enefiok Ekanem. Department of Agricultural and Environmental Sciences

GRP5 TENNESSEE’S AGRICULTURAL PRODUCERS: PRODUCTION RISK MANAGEMENT AWARENESS
Towns, Danielle R. H.* Advisor, Dr. E. Ekanem and Dr. S. Singh. Department of Agricultural and Environmental Sciences

GRP6 TOBACCO USE AMONG TENNESSEANS AND STRATEGIES FOR CHANGE
Novotny, Meggan L.*; Advisor, Dr. Jan Emerson. Center for Prevention Research

GRP7 OCCURRENCE OF ENDOPHYTIC MICROORGANISMS IN FLOWERING DOGWOOD AND THEIR POTENTIAL APPLICATIONS
Lawrence, Shanieek* and Margaret T. Mmbaga; Advisor, Dr. Margaret T. Mmbaga. Department of Agricultural and Environmental Sciences

GRP8 RESISTANCE TO POWDERY MILDEW IN FLOWERING DOGWOOD PLANTS.
Parikh, Lipi*, M.T. Mmbaga, Guorong Zhang; Advisor, Dr. M.T. Mmbaga. Department of Agricultural and Environmental Sciences

GRP9 PRODUCTION OF VOLATILE COMPOUNDS BY POTENTIAL BIOLOGICAL CONTROL BACTERIA COLLECTED FROM FLOWERING DOGWOODS
Rotich, Emily*, Margaret T. Mmbaga, and Mu Zheng; Advisors, Dr. Margaret T. Mmbaga1 and Dr. Mu Zheng2.
1Department of Agricultural Sciences, 2Department of Chemistry.

GRP10 OPTIMIZING BIOSENSOR PERFORMANCE THROUGH ANTIBODY DESIGN AND SELECTION
Darris, Carl*, Samuel Nahashon and Fur-Chi Chen; Advisors, Dr. Samuel Nahashon and Fur-Chi Chen. Department of Agricultural and Environmental Sciences
GRP11 STUDENT ACHIEVEMENT IMPACT OF GEOCACHING INTEGRATION IN AN AGRISCIENCE LESSON PLAN
Hendrix, Rachel* and John Ricketts; Advisor, Dr. John Ricketts. Department of Agriculture and Environmental Sciences

GRP12 CRITICAL THINKING DISPOSITIONS AND TRUSTS IN SOURCES OF INFORMATION ABOUT GENETICALLY MODIFIED FOOD RISKS: AN ASSESSMENT OF BACCALAUREATE STUDENTS
Towns, Darnell R. H.*; Advisors, Dr. John C. Ricketts and Dr. Enefiok Ekanem. Department of Agricultural and Environmental Sciences

GRP13 HYDROLOGY AND SOIL BIOLOGY OF CEDAR GLADE ECOSYSTEMS
Cartwright, Jennifer*, Bill Wolfe, Dafeng Hui, Tom Byl, Terrance Johnson, and Kudjo Dzantor; Advisors, Dr. Bill Wolfe, U.S. Geological Survey; Dr. Dafeng Hui and Dr. Terrance Johnson, Department of Biological Sciences; Dr. Tom Byl, Department of Environmental Engineering; and Dr. Kudjo Dzantor, Department of Agricultural and Environmental Sciences

GRP14 EFFECT OF DIETARY CALORIC CONCENTRATION ON REGULATORS OF FAT DEPOSITION IN BROILER CHICKENS
Bohannon-Stewart, Ann,* Gary Kelley, Joseph Donkor, Boniface Kimathi, Carl Darris, James Tyus, Breyonna Jarrett, Rhia Nelson, Shatira Wilson, Samuel Nahashon, Xiaofei Wang; Advisors, Samuel Nahashon and Dr. Xiaofei Wang. College of Agriculture, Human and Natural Sciences

GRP15 IDENTIFICATION OF SINGLE-NUCLEOTIDE POLYMORPHISMS IN PROMOTER REGIONS OF GENES FGFR3, GREM1, CCL4, AND IGFBP2 IN CHICKENS
Bohannon-Stewart Ann,* Xiaofei Wang, Advisor, Xiaofei Wang. Department of Biological Sciences

GRP16 THE EFFECT OF BUTYL TINS AND A FLAME RETARDANT ON MITOGEN-ACTIVATED-PROTEIN-KINASE KINASE KINASES IN HUMAN NATURAL KILLER CELLS
Celada, Lindsay* and Margaret M. Whalen; Advisor, Dr. Margaret M. Whalen. Department of Biological Sciences

GRP17 3D-QSAR TOPOMER COMFA STUDIES ON 10-N-SUBSTITUTED ACRIDONE DERIVATIVES
Ajala, Adeayo*; Advisor, Dr. Cosmas Okoro. Department of Chemistry

GRP18 ASYMMETRIC TRIFLUOMETHYLATION OF CYCLIC B-DICARBONYL COMPOUND. 
Laradji, Amine*; Advisor, Dr. Cosmas O. Okoro. Department of Chemistry

GRP19 PREPARATION, STRUCTURAL AND SPECTROSCOPIC CHARACTERIZATION OF COBALT(II) COMPLEXES WITH PNP LIGANDS
Goni, Abdul*, Tasneem Siddiquee, Olisa Menakaya and Taylor Capadona; Advisor, Dr. Tasneem Siddiquee. Department of Chemistry

GRP20 SYNTHESIS AND CHARACTERIZATION OF TRANSITION-METAL BASED NANOPARTICLES AT ROOM TEMPERATURE
Menakaya, Olisa*, Taylor Capadona, Abdul Goni, and Tasneem Siddiquee; Advisor, Dr. Tasneem Siddiquee. Department of Chemistry

GRP21 THE BROMINATED FLAME RETARDANT, TETRABROMOBISPHENOL A, DECREASES SECRETION OF TUMOR NECROSIS FACTOR ALPHA FROM HUMAN NATURAL KILLER CELLS
Bennett, Ericka* and Margaret Whalen: Advisor, Margaret Whalen. Department of Chemistry
GRP22 4, 4’-DICHLORODIPHENYLTRICHLOROETHANE (DDT) AND TRICLOSAN (TCS) DECREASE TUMOR-CELL-BINDING CAPACITY AND CELL-SURFACE PROTEIN EXPRESSION OF HUMAN NATURAL KILLER CELLS
Brown, Tasia*; Felicia Udoji, Tamara Martin; Advisor, Dr. Margaret M. Whalen. Department of Chemistry

GRP23 EXPOSURE TO TRIBUTYL Tin ALTERS THE SECRETION OF TUMOR NECROSIS FACTOR ALPHA FROM HUMAN LYMPHOCYTES
Hurt, Kelsi* and Margaret Whalen; Advisor, Margaret Whalen. Department of Biological Sciences* and Department of Chemistry

GRP24 EXAMINING THE RELATIONSHIP BETWEEN GRADE RETENTION AND SCHOOL DROPOUT AMONG LOW SOCIOECONOMIC STUDENTS
Brooks, Calisha*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP25 CLICKER METHODOLOGY EFFECTS AND DEPTH OF PROCESSING
Davis, Justin*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP26 EMOTION REGULATION AND COPING
Harlinger, Mary*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP27 EFFECTS OF TEACHER ATTITUDES ON THE USE OF SWPBS INTERVENTION CONCEPTS TO IMPROVE STUDENT BEHAVIOR IN SCHOOL CLASSROOMS
Newby, Kenya*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP28 TUTORING IN HBCUS: ADEQUATE REPRESENTATION OF AFRICAN AMERICAN STUDENTS?
Raman, Janani*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP29 THE EFFECT OF STEREOTYPE THREAT ON AFRICAN AMERICAN COLLEGE STUDENTS’ ATTITUDES TOWARD SEEKING MENTAL HEALTH TREATMENT
Scott, Angela*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP30 THE RELATIONSHIP BETWEEN BODY IMAGE AND SOCIAL FUNCTIONING
Sellers, Amy*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP31 THE CORRELATION OF OPTIMISM AND SELF-CONFIDENCE IN ACHIEVEMENT AMONG HBCU STUDENTS IN AN INTRODUCTORY PHYSICS COURSE
Williams, Kalandra*; Advisors, Dr. Marie Hammond and Dr. Orville Bignall. Department of Psychology, and Department of Physics and Mathematics

GRP32 IDENTIFYING VOCATIONAL IDENTITY CONCERNS OF FIRST GENERATION MINORITY COLLEGE STUDENTS USING MY VOCATIONAL SITUATION
Lynch, Jeremy*; Advisor, Dr. Marie Hammond. Department of Education, Psychology

GRP33 EXPLORING JOB SATISFACTION AMONG ELEMENTARY EDUCATORS IN MADISON COUNTY, ALABAMA PUBLIC AND PRIVATE SCHOOLS
Upchurch, Daniel*; Advisor, Dr. Marie Hammond. Department of Psychology

GRP34 THE EVOLUTION OF AUTISM RESEARCH: A STUDY ASSESSING THE USE OF CALIBRATED SEVERITY SCORES AND THE SOCIAL RESPONSIVENESS SCALE WITH IMPLICATIONS FOR FUTURE DATA COLLECTIONS
Vehorn, Alison*; Advisor, Dr. Joan Popkin. Department of Psychology.
GRP35  COMPUTER SIMULATION BASED ANALYSIS OF THE USE OF TRANSIT IN EVACUATION
Ho Hung-Wai*; Advisor, Dr. Deo Chimba and Dr. Sachin Shetty. College of Engineering, Technology, and Computer Science

GRP36  ADVANCE AMBER WARNING TRAFFIC SIGNAL (AAWTS)
Perkins, Kenneth Spencer*; Advisor, Dr. Deo Chimba. Department of Civil and Environmental Engineering

GRP37  RESIDENCE TIME DISTRIBUTION MODEL FOR NON-IDEAL FLOW DERIVED FROM INDEPENDENT GAMMA DISTRIBUTIONS OF TRACER TRAVEL DISTANCE AND LINEAR VELOCITY
Embry, Irucka*, Roger Painter, and Tom Byl; Advisors, Dr. Roger Painter and Dr. Tom Byl. Department of Civil and Architectural Engineering

GRP38  WASTE WATER TREATMENT DESIGN FOR CURRENT FLOW RATES AND FUTURE PLANT EXPANSION
VandeWater, Grant*; Advisor, Dr. Roger Painter. Department of Civil and Architectural Engineering

GRP39  ATOMIC FORCE MICROSCOPE SENSITIVITY IN DETECTING FREQUENCY CHANGES IN CANTILEVER PROBES
Reynolds, Jonathan*; Advisors Dr. S.K. Hargrove, Dr. M. Malkani, S. Sutton. Department of Computer and Electrical Engineering

GRP40  MACHINE LEARNING BASED SECURE IP GEOLOCATION
Biswal, Biswajit*; Advisor, Dr. Sachin Shetty. Department of Electrical and Computer Engineering

GRP41  USING COMPRESSED SENSING TO ENHANCE ANOMALY DETECTION IN CLOUD COMPUTING
Gold, Kimberly*; Advisors: Dr. Sachin Shetty and Dr. Tamara Rogers. Department of Electrical and Computer Engineering

GRP42  ASSESSING VULNERABILITIES OF NETWORK APPLICATIONS IN CLOUD COMPUTING PLATFORM
Lenkala, Swetha Reddy; Advisor, Dr. Sachin Shetty. Department of Electrical and Computer Engineering

GRP43  PRIMARY USER EMULATION ATTACKS IN COGNITIVE RADIO NETWORK - SECURITY MEASURES
Thanu, Meena* and Dr. Sachin Shetty; Advisor, Dr. Sachin Shetty. Department of Electrical and Computer Engineering

GRP44  INTEGRATING BIM SOFTWARE AND A WEARABLE AUGMENTED REALITY SYSTEM FOR WEATHERIZATION ASSESSMENT
Henderson, Jamal*, S. Keith Hargrove, John Drew; Advisor, Dr. S. Keith Hargrove. Department of Mechanical & Manufacturing Engineering

GRP45  EXAMINATION OF CURRENT LITERATURE TO DETERMINE THE BEST PROTOCOL FOR WHOLE BODY VIBRATION TO INCREASE BONE MINERAL DENSITY
Klomp, Michael*, Richardson, Daniel and Zelenock, Julie; Advisor, Dr. Deborah Edmondson, Department of Physical Therapy

GRP46  ARE THERE ASSOCIATIONS OF OBESITY RATES WITH CANCER RATES IN TENNESSEE FROM 2003-2010?
Foster, Maya* & Julie Vu; Advisor, Dr. Janice Emerson. Center for Prevention Research, Department of Agricultural, Human, and Natural Sciences

GRP47  ACCESS NASHVILLE: THE PROGRAM AND THE COMMUNITY RESPONSE  
Cox, Beth*, Sarah Goodwin; Advisor, Dr. Natalie Housel. Department of Physical Therapy

GRP48  AQUATIC THERAPY FOR FALL PREVENTION IN THE OLDER ADULT  
Carlson, Lindsay*, Aaron Greear, Brad Ellis, Allison Lamb; Advisor, Dr. Natalie Housel. Department of Physical Therapy

GRP49  EFFECTIVENESS OF PREHABILITATION ON FUNCTIONAL OUTCOMES AFTER TOTAL KNEE ARTHROPLASTY: A LITERATURE REVIEW  
Neilson, Kerrianna*, Robert Nelson, Benjamin Farmer, Sara Sizemore, Jacob Hamrick; Advisor, Dr. Kevin Lawrence. Department of Physical Therapy.

GRP50  EFFECTS OF SOCIAL SKILLS ENRICHMENT ON PRAGMATIC LANGUAGE AND SOCIAL COMPETENCE  
Saliba BCABA, Jennifer*; Advisor Dr. Mary Dale Fitzgerald. Department of Speech and Hearing Sciences

GRP51  DISTINGUISHING BETWEEN TRANSFORMATIONAL AND SERVANT LEADERSHIP  
Hernan, Karen*; Advisor, Dr. Rodney Stanley. Department of Public Administration and Urban Affairs

GRP52  TRANSCRIPTION: AN OVERLOOKED SET OF QUALITATIVE VARIABLES?  
Zajdel, Joseph*; Advisor, Dr. Leigh Arino de la Rubia. Center of Excellence for Learning Sciences

GRP53  DEVELOPING A WEARABLE AUGMENTED REALITY SYSTEM FOR WEATHERIZATION ASSESSMENT  
Drew, John*, Jamaal Henderson, S. Keith Hargrove; Advisor, Dr. S. Keith Hargrove. Department of Mechanical & Manufacturing Engineering

GRP54  SYNTHESIS OF NANO-ZERO VALENT IRON IN SAND MATRIX AND IMPACT ON MICROBIAL COMMUNITY  
Roland, Victor*; Advisors, Dr. Tom Byl1 and Kudjo Dzantor2. 1 Department of Civil and Architectural Engineering and 2 Agricultural and Environmental Sciences

GRP55  HOW DO SUCCESSFUL ACL INJURY PREVENTION PROGRAMS INFLUENCE THE YOUNG FEMALE ATHLETIC POPULATION, AND WHAT ARE THE COMMON BIOMECHANICAL THREADS BETWEEN THEM?: A REVIEW OF THE LITERATURE  
Baird, Charlotte H.*, Renee L. Berry, Thomas C. McClain, Kyle J. Todd. Advisor: Rosalyn Pitt, Department of Physical Therapy
UNDERGRADUATE POSTERS - Thursday, March 29, 2012 from 9:00 A.M. – 12:00 P.M.

UGP1 DNA AMPLIFICATION OF INDIVIDUAL COTTON POLLEN GRAINS
Jackson, Rickey*, A. Naseer Aziz, J.N. Jenkins, Jack C. McCarty, D.M. Stelly and S. Saha; Advisor, Dr. A. Naseer Aziz. Department of Agricultural and Environmental Sciences

UGP2 INVESTIGATIONS ON THE HETEROTROPIC GROWTH OF MICROALGAE FOR USE IN ENVIRONMENTAL CLEANUP AND BIOFUEL PRODUCTION
Blacksmith, Marie*, Derric Lee, Brittany Woodard, and Omowunmi Fadeyi; Advisor, Dr. E. Kudjo Dzantor. Department of Agricultural and Environmental Sciences

UGP3 MICROALGAL IMMOBILIZATION FOR RESEARCH ON REMEDIATION AND BIOFUEL TECHNOLOGIES
Davidson, Chloe*, VaShonda Allen, S. Azubike, and D. Hui; Advisor, E. Kudjo Dzantor

UGP4 CHARACTERIZATION OF A BACTERIAL STRAIN WITH PUTATIVE CELLULOSIC ACTIVITY
Monk, Bria*, Hui Li, Suping Zhou; Advisor, Dr. Suping Zhou. Department of Agricultural and Environmental Sciences

UGP5 ISOLATION OF A BACTERIAL STRAIN WITH PUTATIVE CELLULOSIC ACTIVITY
Monk, Bria*, Hui Li, Suping Zhou; Advisors: Dr. Suping Zhou and Dr. Terrance Johnson. Department of Agricultural and Environmental Sciences

UGP6 ISOLATION OF BT AND CRY PROTEINS
Porter, Kadijah*; Advisors, Dr. Anthony Ejiofor and Dr. Terrance Johnson. Department of Biological Sciences

UGP7 A TIME COURSE STUDY OF NEUROPILIN-2 EXPRESSION IN THE POST-NATAL BRAIN OF RATS.
Jordan, Tierney S.* and Brenda S. McAdory; Advisor, Dr. Brenda S. McAdory. Department of Biological Sciences

UGP8 MICROWAVE ENHANCED CU-CATALYZED CROSS-COUPING REACTION OF POTASSIUM ARYLTRIFLUOROBORATES AND ETHANOLAMINES
Cain, Laurance T*; Advisor, Mohammad Al-Masum. Department of Chemistry

UGP9 MICROWAVE IRRADIATED PROCESS FOR OXAZOLIDINES, AND OXAZINANES SYNTHESIS FROM ALDEHYDES AND AMINOALCOHOLS IN THE PRESENCE OF AIR
Lott, Baillie W.* and Nazanin Ghazialsharif; Advisor, Dr. Mohammad Al-Masum, Department of Chemistry

UGP10 SYNTHESIS OF VARIOUS FLUORO SUBSTITUTED AROMATIC KETONES BY PALLADIUM-CATALYZED CROSS-COUPING OF POTASSIUM ARYLTRIFLUOROBORATES AND AROYL CHLORIDES
Taylor, Kristen*; Advisor, Mohammad Al-Masum. Department of Chemistry

UGP11 EFFECT OF HIGH DOSES OF GENISTEIN ON OXIDATION OF ARACHIDONIC ACID
Dallaire, Sarah*; Advisor, Dr. William Boadi. Department of Chemistry

UGP12 EFFICIENCY OF QUERCETIN AND KAEMPFEROL ON IRON-INDUCED PEROXIDATION OF METHYL LINOLATE
Shafi, Ali*; Advisor, Dr. Boadi, Williams. Department of Chemistry
UGP13 SYNTHESIS OF GOLD NANOPARTICLES IN THE PRESENCE OF POLYSACCHARIDES: WHAT CAN TRIGGER THE REACTION?
Tyler, Lauren*, Kiara Simmons, and Koen Vercruysse; Advisor, Dr. Koen Vercruysse. Department of Chemistry

UGP14 ORGANOCHLORINE PESTICIDE, PENTACHLOROPHENOL, ALTERS THE SECRETION OF TUMOR NECROSIS FACTOR ALPHA FROM HUMAN NATURAL KILLER LYMPHOCYTES
Durham, Andrea* and Margaret Whalen; Advisor, Margaret Whalen. Department of Chemistry

UGP15 DIBUTYLTIN ALTERS SECRETION OF INTERFERON GAMMA FROM HUMAN NATURAL KILLER CELLS
Sledge, Alexis* and Margaret Whalen; Advisor, Margaret Whalen. Department of Chemistry

UGP16 PRELIMINARY OBSERVATIONS OF WIC-APPROVED SMALL GROCERY STORES
Gray, Valentino*, Olisa Menakaya, Courtney Gipson, Veronica James, and Veronica Oates; Advisor, Dr. Veronica Oates. Department of Family and Consumer Sciences

UGP17 NETWORK TRAFFIC ANALYSIS FOR CLOUD AUDITING
Smith, Shondalyn*, Dr. Keesook Han (AFRL/RIGD); Advisors, Dr. Sachin Shetty. Department of Electrical and Computer Engineering and Dr. Tamara Rogers. Department of Computer Science

UGP18 COLLEGE STUDENTS KNOWLEDGE OF EXERCISE
Elmore, Reggie* and Valeria Matlock; Advisor, Dr. Valeria Matlock, Department of Health Performance and Sports Science

UGP19 KNOWLEDGE OF HEAT RELATED ILLNESS RELATED TO SICKLE CELL TRAIT AMONG COLLEGE ATHLETES
Woods, Brandon*, and Valeria Matlock; Advisor: Dr. Valeria R. Matlock, Department of Health Performance and Sports Science

UGP20 AN ASSESSMENT OF NICHE MARKET POTENTIAL FOR TENNESSEE GINSENG FARMERS
Bass, Jaman I.*; Advisors, Dr. Enefiok Ekanem and Dr. Surendra Singh Department of Agricultural and Environmental
FACULTY POSTERS - Thursday, March 29, 2012 from 9:00 A.M. – 12:00 P.M.

FP1  TWO BACTERIAL BIOCONTROL AGENTS REDUCE MACROPHOMINA ROOT ROT AND POWDERY MILDEW, AND PROMOTE PLANT GROWTH IN FLOWERING DOGWOOD
Mackasmiel, Lucas*, and Margaret Mmbaga;  Advisor, Dr. Margaret Mmbaga. Department of Agricultural and Environmental Sciences

FP2  AMBROSIA BEETLE INSECTICIDE AND BIOPESTICIDE TRIALS
Oliver, Jason*, Michael Reding, Christopher Ranger, Peter Schultz, Nadeer Youssef, James Moyseenko, and Alicia Bray. Department Agriculture and Environmental Sciences, USDA-ARS, and Virginia Tech

FP3  FURAZOLIDONE-INDUCED CARDIOMYOPATHY IN BROILER CHICKENS
Nahashon, Samuel*, and Thea Boatswain. Department of Agricultural and Environmental Sciences.

FP4  WALNUT TWIG BEETLE TRAP DEVELOPMENT: CAN IT SNIFF OUT THE TREE?
Bray, Alicia*¹, Nadeer Youssef², William Klingeman², Jason Oliver¹. ¹Department of Agricultural and Environmental Sciences, Tennessee State University; ²University of Tennessee

FP5  EFFICACY OF THYME OIL AGAINST SALMONELLA SPP ON CUCUMBERS
Kilonzo-Nthenge, Agnes * and Debora Long. Department of Family and Consumer Sciences

FP6  AN OVERVIEW OF WATER QUALITY CONTAMINANTS IN MOUNTAIN CREEK, WARREN COUNTY IN TENNESSEE
Akuley-Amenyenu, Anonya*, Sarah Hovis and Sam O. Dennis. Department of Agriculture and Environmental Sciences

FP7  THE LONG-HORNED BEETLES (CERAMBYCIDS) OF TENNESSEE
Nadeer N. Youssef¹, Jason B. Oliver¹, Joshua P. Basham¹, and William E. Klingeman²; ¹Department of Agriculture and Environmental Sciences, Tennessee State University, ²University of Tennessee