

SCHOLARS WEEK WINNERS SPRING 2012

COLLEGE OF BASIC & APPLIED SCIENCES

Undergraduate 1st Place

- U66 **Ashley Wise** (Biology), Jeannie Stubblefield (graduate), Rachel Patton, and Anthony Newsome (faculty), **SURVEY OF BACTERIAL CONTAMINATION IN READ-TO-EAT FOODS**

Undergraduate 2nd Place

- U61 **Miguel Hurtado** (Chemistry) and Beng Guat Ooi (faculty) **ANALYSIS AND FERMENTATION OF THE SUGARS DERIVED FROM KENAF PULP**

Undergraduates Tied for 3rd Place

- U64 **Erica Cathey** (Physics and Astronomy) and Nathanael Smith (faculty), **QUANTUM DOT SYNTHESIS**

- U63 **Danielle Millay** (Biology) and William Stewart (faculty), **ACID SPHINGOMYELINASE INVOLVEMENT IN CHOLESTEROL DEPENDENT DIFFERENTIATION OF N2A NEUROBLASTOMA CELLS**

Graduates 1st Place

- G75 **Nicholas Chamberlain** (Biology) and Jerry Reagan (faculty), **INHIBITION OF ACID SPHINGOMYELINASE ACTIVITY BY INTRACELLULAR CHOLESTEROL**

Graduates 2nd Place

- G71 **Katrina Smith** (Chemistry), Beng Guat Ooi (faculty) and Ngee Sing Chong (faculty), **AN INTEGRATED APPROACH IN THE USE OF SURFACE-ENHANCED RAMAN AND INFRARED SPECTRAL LIBRARIES FOR THE IDENTIFICATION OF CARCINOGENIC AROMATIC AMINES**

Graduates 3rd Place

- G54 **Farhana Akhter** (Chemistry) and Beng Guat Ooi (faculty), **THE FORMATION OF MELAMINE-CYANURATE AND MELAMINE-URATE COMPLEX IN AQUEOUS AND PHYSIOLOGICAL MATRICES**

COLLEGE OF BEHAVIORAL & HEALTH SCIENCES

Undergraduates Tied for 1st and 2nd Place

- U23 **Courtney Janutolo** (Health and Human Performance), Jared Ashworth, Aaron Scott, Lori Gessell and John Coons (faculty), **THE ACUTE EFFECTS OF VISUAL STIMULATION ON HEART RATE DURING EXERCISE**
- U84 **Brad Hornback** (Health and Human Performance), Tucker Cole, Stephen Meredith, Paige Fuson, Zach Willis, John Coons (faculty), **EFFECTS OF RUNNING ECONOMY: BAREFOOT VS. VIBRAM TRAINING**

Undergraduate 3rd Place

- U16 **Robert Baudo** (Psychology) and Alan Musicant (faculty), **THE ROLE OF PINNA FEATURES IN VERTICAL PLANE LOCALIZATION**

Graduate 1st Place

- G62 **Kristi Roberson** (Psychology) and Thomas Brinthaupt (faculty), **LACK OF ACCESS TO AFFORDABLE AND HEALTHY FOODS COULD BE LINKED TO OBESE ADULTS AND CHILDREN**

Graduate 2nd Place

- G65 **Amanda Cole** (Health and Human Performance), Andrew Owusu (faculty), Poliala Mahoney-Dickson, Brittney Oliver, Samuel Sowah, Norman Weatherby (faculty), **THE ASSOCIATION BETWEEN PERSONAL HEALTH STATUS AND THE USE OF THE INTERNET FOR HEALTH INFORMATION**

OR

- G26 **Amanda Cole** (Health and Human Performance), Minsoo Kang (faculty), Norman Weatherby (faculty), Brittney Oliver, **EXPLORATORY ANALYSIS OF THE EATING ATTITUDES TEST (EAT-26) CATEGORY FUNCTION**

Graduate 3rd Place

- G51 **Poliala Dickson** (Health and Human Performance), Amanda Cole, Brittany Oliver, Samuel Sowah, Andrew Owusu (faculty), **CURRENT SEXUAL BEHAVIORS OF TENNESSEE ADOLESCENTS: FINDINGS FROM THE 2011 YOUTH RISK BEHAVIOR SURVEILLANCE SYSTEM**

JONES COLLEGE OF BUSINESS

Undergraduate 1st Place

U87 **Keith Stewart** (Computer Information Systems) and Melinda Korzaan (faculty), **OPERATION CONSOLIDATION: FILE AND PERSONNEL MANAGEMENT WEB APPLICATION**

Undergraduate 2nd Place

U48 **John Meese** (Economics and Finance) and Stuart Fowler (faculty), **PUBLIC DEBT AND INCOME INEQUALITY**

Undergraduate 3rd Place

U50 **Christopher Wilkins** (Economics and Finance), and Chris Klein (faculty), **THE NOVELTY EFFECT AND MAGIC**

Graduate 1st Place

G10 **Anca Traian** (Economics and Finance) and Charles Baum (faculty), **UNSECURED DEBT - AN ALTERNATIVE FOR SINGLE MOTHER FAMILIES DURING PERIODS OF INCOME SHORTFALL**

Graduate 2nd Place

G4 **Alauddin Majumder** (Economics and Finance) and E. Anthon Eff (faculty), **YUNUS' IDEA OF SOCIAL BUSINESS: IMPLICATIONS FOR SOCIAL WELFARE**

Graduate 3rd Place

G15 **Abhradeep Maiti** (Economics and Finance) and Joachim Zeitz (faculty), **RETHINKING THE FUNDAMENTAL LAW OF ROAD CONGESTION**

COLLEGE OF EDUCATION

Graduates 1st Place

- G1 **Candice Nolan** (Literacy Studies), Kimberly McKay, Holly Marshall, Jo Ann Marx, Marianne Chumley, Kathleen Burriss (faculty), **WILL COMMON CORE MAKE US "STANDARD"?**

Graduates 2nd Place

- G22 **Robbie Meric** (Educational Leadership) and Dorothy Craig (faculty) **COGNATE USE IN PROMOTING SECOND LANGUAGE ACQUISITION IN BEGINNING LEVEL ADULT ESL STUDENTS WHOSE L1 IS SPANISH**

Graduate 3rd Place

- G73 **Kyuntae Kim** (Literacy Studies) and Jwa Kim (faculty), **THE EFFECTS OF INTER-TRAIT CORRELATION ON MODEL RECOVERY IN MULTIDIMENSIONAL ITEM RESPONSE THEORY (MIRT)**

COLLEGE OF LIBERAL ARTS

Undergraduate 1st Place

- U89 **Laurence Tumpag** (Sociology and Anthropology) and Jackie Eller (faculty), **A DISCOURSE ON THE CLASHING OF GENDER PERFORMANCE ACROSS VARIOUS EASTERN AND WESTERN CULTURES: A LITERATURE REVIEW**

Undergraduate Tie for 2nd Place

- U53 **Amanda Cothorn** (Sociology and Anthropology), Brandi Wall, Tanya Peres (faculty), **EXPLORING PREHISTORIC GASTROPOD USE ALONG THE MIDDLE CUMBERLAND RIVER**
- U34 **Amber Schmuhl** (Sociology and Anthropology) and Hugh Berryman (faculty), **SEX DETERMINATION: A STUDY OF SEXUAL DIMORPHISM IN COMPLETE AND FRAGMENTARY CUNEIFORM BONES**

Undergraduate 3rd Place

- U60 **Kathryn Tackett** (Geosciences) and Melissa Lobegeiger (faculty), **USING THE CAMOEBIANS AS INDICATORS OF ENVIRONMENTAL CHANGE WITHIN TODDS LAKE, MURFREESBORO, TENNESSEE**

Graduate 1st Place

- G37 **Luke Hill** (Music) and Jamila McWhirter (faculty), **CLASSROOM TEACHERS' DISPOSITIONS REGARDING MUSIC INTEGRATION**

Graduate 2nd Place

- G34 **Michael Catalano** (Music) and Jamila McWhirter (faculty), **EXPLORATION OF THE DISPOSITIONS OF ELEMENTARY AND SECONDARY MUSIC EDUCATORS REGARDING RHYTHM METHODS**

COLLEGE OF MASS COMMUNICATION

Undergraduate 1st Place

U102 **Christopher Merchant (Journalism)** and Jennifer Kates (faculty), **WRECKED**

Undergraduate 2nd Place

U75 **Marshall Taylor (Recording Industry)** and Paul Fischer (faculty), **THE ROB ZOMBIE BRAND: COLLISION AT THE INTERSECTION OF CULTURAL BRANDING, FANDOM, AND IDENTITY**

Undergraduate 3rd Place

U25 **Taylor Hixson (Journalism)**, Emma Egli, Ken Blake (faculty), **FROM THE MIDDLE EAST TO THE SOUTHEAST: HOW UNIVERSITIES SET THE AGENDA**

Graduate 1st Place

G82 **Andrew Huether (Recording Industry)** and Dan Pfeifer (faculty), **RECORDED HISTORY: STUDIO TECHNIQUES AND THEIR EFFECTS ON MUSIC**