

College of Basic and Applied Sciences

Graduate

1st #71 Spring Gilson (Biology); Ryan Otter (faculty mentor) POLLUTION FILTRATION CAPABILITIES OF PERVIOUS CONCRETE

2nd #75 Prashant Singh (MSPS Biotechnology); Saffet Guleryuz (MSPS Biotechnology); Michael Thompson (faculty); Rebecca Seipelt (faculty mentor) CLONING, EXPRESSION, AND PURIFICATION OF HUMAN MATRIX METALLOPROTEINASE-14 (MMP-14)

3rd #77 Justin Head (Biology); Jerry Reagan (faculty mentor) MECHANISM OF CELL DEATH IN NEUROBLASTOMA CELLS EXPOSED TO UV-LIGHT

Undergraduate

1st #119 Taylor Barnes (Chemistry); Preston MacDougall (faculty mentor) COMPUTATIONAL ANALYSIS OF THE THROUGH-BOND INTERACTIONS OF ELECTRONEGATIVE ATOMS

2nd #129 Merranda Holmes (Biology); Stephen Wright (faculty mentor) THE PRODUCTION, QUANTIFICATION, AND FLUORESCENT DETECTION OF ANTHRAX-SIMULATING ENDOSPORES

3rd #146 Alexander Pegram (Physics and Astronomy); Daniel Erenso (faculty mentor) OPTIMIZATION OF SPONTANEOUS PARAMETRIC DOWN CONVERSION PARAMETERS

College of Business

Graduate

1st #44 Brandeanna Allen (Economics and Finance); John Nunley (faculty); Alan Seals (faculty-Oklahoma City University, Economics); Charles Baum (faculty mentor) THE EFFECT OF JOINT-CHILD-CUSTODY LEGISLATION ON THE CHILD-SUPPORT RECEIPT OF SINGLE MOTHERS

2nd #64 Travis Minor (Economics and Finance); Mark Owens (faculty mentor) AN INVESTIGATION INTO THE DYNAMIC EFFECTS OF DIABETES: A PANEL DATA ANALYSIS

3rd #45 Brandeanna Allen (Economics and Finance); Charles Baum (faculty mentor) A COMPREHENSIVE ANALYSIS OF THE EFFECT OF MANDATORY WAITING PERIOD RESTRICTIONS TO ABORTION

College of Education and Behavioral Science

Graduate

1st #47 Bryan Pool (Psychology); William Langston (faculty mentor) AFFECT AND THE HORIZONTAL POSITION

2nd #35 Poliala Mahoney (Health and Human Performance); Richard Farley (faculty mentor) PHYSICAL ACTIVITY LEVEL AND BODY MASS INDEX IN A NATIVE HAWAIIAN ADOLESCENT POPULATION

3rd #72 Timothy Tolbert (Health and Human Performance); Helen Binkley (faculty); Norman Weatherby (faculty); Lynn Parsons (faculty); Michael Miller (faculty, Western Michigan University, Health, Physical Education, and Recreation); Helen Binkley (faculty mentor) EXPOSURE TO INJURY IN SPORT: HIGH SCHOOL FOOTBALL SURVEILLANCE SYSTEM

Undergraduate

1st #173 Alyse Hawk (Psychology); Cyrille Magne (faculty mentor) ELECTROPHYSIOLOGICAL CORRELATES OF THE EFFECTS OF TEMPORAL AND METRICAL EXPECTANCIES ON SPOKEN-WORD RECOGNITION

2nd (tie) #91 Jessica Busler (Psychology); Thomas Brinthaupt (faculty mentor) EATING BEHAVIOR AND PERSONAL CHARACTERISTICS—A CROSS CULTURAL REPLICATION

2nd (tie) #97 Walter Roberts (Psychology); Mary Ellen Fromuth (faculty mentor) THE RELATIONSHIP BETWEEN ATTENTION PROBLEMS AND RELATIONSHIP SATISFACTION

2nd (tie) #101 Adam Koritsanszky (Psychology); Caitlin Orman (Psychology); Stuart Bernstein (faculty mentor) PROSODY, ORTHOGRAPHY, WORK MEANING AND READING

3rd #108 Jack'ee Curry (Human Sciences); Jasim Kwon (faculty mentor) KNOCK IT OFF!: CONSUMERS' PERCEPTIONS TOWARD PURCHASING COUNTERFEIT PRODUCTS

College of Liberal Arts

Graduate

1st #54 Kathryn Frazier (Music); Jamila McWhirter (faculty mentor) GENDER AND MUSICAL INSTRUMENT CHOICE: A SURVEY OF BEGINNER BAND DIRECTORS IN RUTHERFORD COUNTY

2nd #48 Cayce Stephens (Music); Jamila McWhirter (faculty mentor) TEACHING TO THE MASSES: GENERAL MUSIC IN HIGH SCHOOL

3rd #38 Bethany Hall (History); Mike Curtis (community member); Derek Frisby (faculty mentor) DIGITAL ELEVATION MODEL OF THE BATTLE OF PELEIU

Undergraduate

1st #110 Ryan Darrow (History); Pippa Holloway (faculty mentor) "A GREAT SURGE OF PURPOSE": GAY PERSONS WITH AIDS AND ALTERNATIVE THERAPIES

2nd #105 Tad Peterson (English); Robert Petersen (faculty mentor) MEANING AND FRAGMENTATION IN TENNYSON'S "IN MEMORIAM"

3rd (tie) #102 Elizabeth Hunt (Theatre); Alli Scott (Theatre); Matthew Frazier-Smith (Theatre); Brenden Johnson (Theatre); Buddy Jones (Theatre); Jetta Halladay (faculty mentor) EXPLORING ENGLISH THROUGH THEATRE: MTSU HONDURAS PROJECT

3rd (tie) #107 Holly Baker (Geosciences); Crystal Miller (Geosciences); Clay Harris (faculty mentor) TEXTURAL BIAS IN DEVELOPMENT OF A MIDDLE ORDOVICIAN SEISMITE: EVIDENCE OF 455 MA EARTHQUAKE ACTIVITY

3rd (tie) #111 Christopher Young (Political Science); Doug Heffington (faculty mentor) DEMOCRATIZATION AND DE-DEMOCRATIZATION: WHY DOES IT HAPPEN?

College of Mass Communications

Undergraduate

1st #182 Alex Blackwelder (Electronic Media Communication); Tom Strawman (faculty mentor) A PORTRAIT OF A FAMILY'S STRUGGLE AFTER TVA'S KINGSTONE FLY ASH SPILL

2nd #175 Rebecca Davis (Journalism-Advertising); Kenneth Blake (faculty mentor) RACING TOWARD CHANGE: OVERT FOCUS ON RACE IN 2008 PRESIDENTIAL ELECTION COVERAGE

3rd #144 Jasmine Gray (Mass Communication); Jennifer Woodard (faculty mentor) CONTRASTING COLOR: JUXTAPOSING BLACK IDENTITY AND MEDIA PORTRAYAL IN AMERICA, GHANA, AND ENGLAND