

Create @ State 2019 Schedule

April 15, 2019

Fowler Center

Showcase of the Arts – Music, Theater & Visual Arts

9:00 am – 9:45 am

Creative Musical Performances, Riceland Hall

9:00 am Parker Long* ELEMENTAL AMBIENCE

9:15 am Adam Baxter* EFFECTIVE COORDINATION OF MUSICAL ELEMENTS IN PERSICHETTI'S PARABLE FOR SOLO OBOE

9:30 am Jeremiah Page* ACCESSING HARMONICS ON THE BASS AS AN EXTENSION OF REGISTER

10:00 am – 10:45 am

Creative Visuals, Visual Arts & Theatre, Grand Ballroom

Courtney Light*, *Makeup for Animal Farm*

Amy Faughn*, *Makeup Design for Soft Animals*

Zac Passmore*, *Costume Design for Soft Animals*

Davis Campbell* & Kassidy Ratz*, *Constructing Turn of the Century Garments for Silent Sky*

Abbey Cooper*, Hannah Martin*, Claire Thomas*, Courtney Light*, Amy Faughn*, Kennedy Woodall*, Precious McCullough*, Michaela Partridge*, Katelyn Stanton*, & Lauren Wilcox*, *The Eye-Nose-Mouth Connection: Creating Theatrical Animal Makeup Applications*

Justin Mohler*, *What Can Drawing Do For You?*

Mallory Flippin*, *Cat Print Prints*

Mallory Flippin*, *Cat Yawns*

Autumn Harris*, Lexi Herring*, & Lourdes Hernandez*, *App Development for Best Practices in Row Crop Burning*

Kaly Beede*, *Mental Self-Portrait*

Kaly Beede*, *Home*

Selfie in Disguise (Value and Shape Collage): Design I Students

Cassandra Heck*, Christian Adams*, Jacob Mathis*, Laurel Gaither*, Madison Riddle*, Allyson Fowler*, Sook Young Yoo*, Grace Hill*, Mathew Jones*, Kenneth Wilette

11:00 am – 12:00 pm

Creative Theatrical Performances, Simpson Theatre

OTHELLO by William Shakespeare

Abbey Cooper*, Katelyn Stanton*

HENRY IV PART 1 by William Shakespeare

Carson Horton*, Courtney Light*

ALL'S WELL THAT ENDS WELL by William Shakespeare

Michaela Partidge*, Hayley Scott*

HAMLET by William Shakespeare

Bryce Moore*, Whitley Fore Newman*, Joshua Pryor*

“Walking in Space” from HAIR, Musical Theatre Dance Performance

Theatre will continue with a performance of Godspell on Tuesday night, April 16, Fowler Center 7:00 pm.

9:00 am – 4:00 pm

Reng Student Union, 3rd Floor

Concurrent Oral Sessions

College of Liberal Arts & Communication

Including Humanities, Arts & Communication Studies

9:00 am – 10:15 am

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

9:00 am Christian Willis* LESLEY GORE

9:15 am Emily Crawley* QUEER BLACK REPRESENTATION IN MODERN TELEVISION

9:30 am Lashundra Clark* THE TRANSGENDER BAN IN THE MILITARY

9:45 am Zachary Young* YOUR GENDER IS BEING CONFORMED EVEN AT THE LATEST HOURS OF THE NIGHT

10:00 am Zoey Smith* 'PRETTY HURTS': HOW SOCIETAL VIEWS NEGATIVELY IMPACT WOMEN

10:45 am – 12:00 pm

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

10:45 am Benjamin Tucker* THE POWER OF GENDER IN COSPLAY

11:00 am Haley Peoples* HALESTORM: A CRITICAL ANALYSIS OF GENDER PERFORMANCE IN TODAY'S MUSIC INDUSTRY

11:15 am Tanisha Tak* SELF-DISCLOSURE IN PEER MENTORING AT THE COMMUNICATION CENTER AT ARKANSAS STATE UNIVERSITY

11:30 am Steven Holmquist* THE ULTIMATE ISSUE, A LOOK AT GENDER IN CO-ED ULTIMATE FRISBEE

11:45 am Tanisha Tak* THE ANALYZATION OF THE REPRESENTATION OF GENDERED TOPICS IN BROOKLYN 99

1:00 pm – 2:15 pm

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

College of Liberal Arts & Communication, Humanities & Arts, Black River Room

College of Liberal Arts & Communication, Humanities & Arts, White River Room

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

1:00 pm Hyunwoo Ahn* MALE DANCER'S GENDER ROLE IDENTITY CONFLICT AND ADAPTATION

1:15 pm Katelyn Wall* SEXUAL ASSAULT: AN EPIDEMIC ON COLLEGE CAMPUS

1:30 pm Emily Riley* WOMEN, HUNTING, AND SOCIAL MEDIA: DEFYING TRADITIONAL GENDER NORMS

1:45 pm Justin Darnell* ORGANIZATIONAL MISCONDUCT

College of Liberal Arts & Communication, Humanities & Arts, Black River Room

1:00 pm Oluwayinka Dada** A THEMATIC ANALYSIS OF HOW ACHALASIA PATIENTS RECEIVE ONLINE SOCIAL SUPPORT

1:15 pm Najma Akhther** VIRTUAL STRANGER LOSS, PARASOCIAL GRIEVING AND MEDIATIZED EMOTION: CELEBRITY MOURNING PROCESS ON SOCIAL MEDIA

1:30 pm Connor Scroggins* INSTRUMENTAL MUSIQUE CONCRÈTE: THE VIRTUE OF NUANCE IN THE SONIC EXPERIENCE

1:45 pm Gaberial Waters* CONTROLLING MUSICAL EXPRESSION WITH HARMONIC STRUCTURES

College of Liberal Arts & Communication, Humanities & Arts, White River Room

1:00 pm Jessica Martin* COLLEGE 101: VIDEO SERIES TO HELP PREPARE FRESHMEN TO LIVE ON A COLLEGE CAMPUS

1:15 pm Taylor Newman* FRIENDS: GENDERED SPEAKING THEN AND NOW

1:30 pm Alexandra Borchardt* SPECTRUM: A COLLECTION OF ORIGINAL POETRY CONVEYING THEMES EXPRESSED THROUGH COLOR SYMBOLISM IN LITERATURE

2:45 pm – 4:00 pm

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

College of Liberal Arts & Communication, Communication Studies, Arkansas River Room

2:45 pm Rachael Brozynski* A Girl in a Country Song

3:00 pm Brianna Coyle* FEMALE BODY IMAGE THROUGH THE DECADES

3:15 pm Kathryn Taylor* WHEN WOMEN ARE POWER

3:30 pm Darla Thomas** “GIRLS NEED LOVE” SONG RELEASE CHALLENGES THE IDEAS OF GENDER COMMUNICATION

April 16, 2019

Reng Student Union, 3rd Floor

8:30 am – 9:45 pm

Concurrent Oral Sessions

College of Nursing & Health Professions, Arkansas River Room

College of Education & Behavioral Sciences, Black River Room

College of Nursing & Health Professions, Arkansas River Room

8:30 am Bridgette Davis* CONTRIBUTING FACTORS TO MENTAL HEALTH ISSUES AMONG INTERNATIONAL STUDENTS

8:45 am Brooks Propst* SEXUAL ASSAULT AND EMERGENCY DEPARTMENT NURSES

9:00 am Jessica Holsted, Michelle Sarna**, Dalton Craig**, Kolton Crawford**, Savannah Hogan**** THE EFFECTS OF USING BLOOD FLOW RESTRICTION EXERCISE FOR PROXIMAL STRENGTH AT THE SHOULDER

9:15 am Nancy Baltz** DEVELOPING AN INSTRUMENT TO ASSESS DIABETES RELATED KNOWLEDGE, ATTITUDES, AND PRACTICES OF PRIMARY PROVIDERS REGARDING FOOT HEALTH

9:30 am Lisa Schafer** SCREENING FOR AND MANAGEMENT OF ADULT OBESITY

College of Education & Behavioral Sciences, Black River Room

8:30 am Naoko Yoshimura* THE IMPACT OF PARENT PERCEPTIONS ON CHILD FUNDAMENTAL MOTOR SKILL

8:45 am Sarah Shaw* SEXUALITY AND IDENTITY AND THEIR RELATION TO BULLYING AND DISCONNECTION IN MIDDLE SCHOOL

9:00 am Lindsey Hart*, Jennifer Reves*, Olivia Peeler* CONSIDERING ARTS AS TEXT: DEPICTING SOCIAL ACTIVISM THROUGH TEXT SET DEVELOPMENT

9:15 am Emma Nwofor** SEXUAL HARASSMENT IN THE SPORTING WORLD: SHOULD WOMEN TOUGHEN UP?

9:30 am Brianna Sayer** EFFECTS OF FOAM ROLLING FOR DELAYED-ONSET MUSCLE SORENESS ON MILITARY PERFORMANCE AND PERCEIVED RECOVERY

10:00 am – 12:00 pm

Poster Session

College of Nursing & Health Professions, Centennial Hall

Posters: College of Nursing & Health Professions, Centennial Hall

P1 Nicholas Jacques**, Megan Etter** POSTURING RESPONSES IN CONCUSSIONS: BOXING & MIXED MARTIAL ARTS FIGHTERS

P2 Cynthia Teague** DIABETES AND EXERCISE: IMPROVING PATIENT OUTCOMES

P3 Sarah Lowtharp** UNIVERSAL MRSA DECOLONIZATION VERSUS SCREENING AND ISOLATION OF ICU PATIENTS

P4 Ryan Anderson** ADHERENCE IS KEY: IMPROVING HYPERTENSION CONTROL THROUGH EDUCATION

P5 Broderick Sheard** A LOCAL FAMILY CLINIC'S TREATMENT RATE FOR TREATING HYPERLIPIDEMIA IN DIABETIC PATIENTS ACCORDING TO 2018 ACC/AHA GUIDELINES

P6 Kellye Brown** A WEST MEMPHIS CLINIC'S ADHERENCE TO JNC 8 GUIDELINES FOR AFRICAN AMERICAN PATIENTS

P7 Corey Dorman** COLORECTAL CANCER SCREENING RATE OF A LOCAL CLINIC IN NORTHEAST ARKANSAS

P8 Michael Gossett** A LOCAL CLINIC'S INFLUENZA VACCINATION RATE OF COPD PATIENTS VERSUS THE NATIONAL AVERAGE

P9 Jessica Holsted**, Michelle Sarna**, Dalton Craig**, Kolton Crawford**, Savannah Hogan** THE EFFECTS OF USING BLOOD FLOW RESTRICTION EXERCISE FOR PROXIMAL STRENGTH AT THE SHOULDER

P10 Taylor Wilkes** COMPARING THE BENEFITS OF LLLT AND DIETARY SUPPLEMENTATION FOR MUSCLE RECOVERY POST FATIGUING EXERCISE

P11 Holly Wilmarth**, Houston Talmage** PAIN NEUROSCIENCE EDUCATION FOR PHYSICAL AND OCCUPATIONAL THERAPY STUDENTS

P12 MaKenzie Hudspeth**, Ashley Rash** CRONIC PAIN AND PERSONALITY TYPE

P13 William Bowen**, Joe Looney** REVISITING MICROBIAL RESISTANCE TO BLUE LIGHT THERAPY

P14 Laurell Gamblin** ADHERENCE TO ALCOHOL SCREENING GUIDLEINES WITHIN PRIMARY CARE

P15 Allyssa Sellmeyer** DISCUSSION OF ADVANCED DIRECTIVES WITH PRIMARY CARE PATIENTS WITH MEDICARE

P16 Felica Woods** A RETROSPECTIVE CHART REVIEW OF IMMUNIFICATION RATES IN COPD PATIENTS IN THE PRIMARY CARE SETTING

P17 Jeremy Lawson** DEPRESSION SCREENING RATE IN A RURAL HEALTH CLINIC IN PEMISCOT COUNTY, MISSOURI, COMPARED TO A NATIONAL RATE OF 4.2%

P18 Marka Ahrent** A RURAL CLINIC'S PATIENT POPULATION ADHERENCE TO GOLD DIAGNOSTIC CRITERIA FOR USING PULMONARY FUNCTION TEST'S IN COPD

P19 Kasey Sharp** CALCIUM VERSUS BISPHOSPHONATE TREATMENT FOR OSTEOPOROSIS IN POST MENOPAUSAL WOMEN

P20 Michelle Snow** A LOOK AT THE RATE OF PROVIDER ADHERENCE TO THE RECOMMENDATIONS OF DIABETIC FOOT EXAMS IN A NORTH CENTRAL ARKANSAS PRIMARY CARE CLINIC

P21 Charity Lane** COMPARISON OF RATE OF STATIN PRESCRIPTION IN DIABETICS

P22 Heather Polk** A PRIMARY CARE CLINIC'S HPV VACCINE RATE VERSUS THE NATIONAL AVERAGE OF 65.5%

P23 Chelsea Hendrix** EVALUATION OF STATIN USE IN DIABETIC PATIENTS

P24 Jena Shepherd** DISCUSSION OF ADVANCE DIRECTIVES IN PRIMARY CARE

P25 Alex Kurtzweil** A RURAL ARKANSAS CLINIC DEPRESSION SCREENING RATE VS THE NATIONAL AVERAGE

P26 Brittany Benton** CHLAMYDIA REASSESSMENT RATES AFTER DIAGNOSIS IN CENTRAL ARKANSAS

P27 Skyler Mankin** ONSET OF MENSES IN DESHA COUNTY ARKANSAS VERSUS THE NATIONAL AVERAGE OF 12.8 YEARS

P28 Samantha Cawyer**, Madison James**, Thomas Sustich** THE RELATIONSHIP BETWEEN CHRONIC LOW BACK PAIN AND INSPIRATORY ABILITIES

P29 Avery Turpin* EFFECTS OF THE AMOUNT OF EGGS IN A DESSERT

P30 Mary Daniel Johnson* TESTING SENSORY DIFFERENCES IN PEANUT BUTTER COMPARED TO SUN BUTTER IN A PREPARED RECIPE

P31 Anthony Ciaramitaro** INFLUENZA RISK INVOLVING COPD AND ADHERENCE TO GOLD GUIDELINES

P32 Ashiqua Jackson** TREATING HYPERTENSION ACCORDING TO JNC-8 GUIDELINES IN AFRICAN AMERICAN WOMEN

P33 Mackenzie Chambers** PROTECTION AGAINST INFLUENZA WITH APPROPRIATE IMMUNIZATION

P34 Victoria Johnson** ANTIBIOTIC USE IN ADULTS WITH ACUTE BRONCHITIS

P35 Alicia Earley** SMOKING CESSATION PRODUCTS USED AS 1ST LINE OF DEFENSE

P36 Erica Dillard** EVIDENCE BASED CLINICAL PRACTICE GUIDELINE FOR DIABETES

P37 Jeffery Harris** DOES A RURAL CLINIC IN ARKANSAS MEET THE 100% ADHERENCE RATE OF THE PRESCRIPTION DRUG MONITORING PROGRAM AS RECOMMENDED BY THE STATE OF ARKANSAS?

P38 Lindsay Sheets** ARE PATIENTS WITH ERECTILE DYSFUNCTION RECEIVING FIRST-LINE MEDICATION?

P39 Rocio Rodes** COPD

P40 Helen Williams** ARE WOMEN AGES 40 TO 64 IN A LOCAL HEALTH CLINIC BEING REFERRED FOR MAMMOGRAPHY AS RECOMMENDED BY CLINICAL GUIDELINES SET BY THE ACS AND HOW DO RATES COMPARE TO THE NATIONAL AVERAGE OF 64.8%?

P41 Michael Hall*, Haylee Dragon* THE IMPORTANCE OF PATIENT POSITIONING IN DIAGNOSTIC IMAGING

P42 Koreanna Forster*, Kirstin Bratton* CHRONIC SHOULDER DISLOCATION: AN IMAGING CASE STUDY

P43 Rachel McCallister* A COMPARISON OF WHITE AND BROWN SUGAR IN A PRODUCT CONTAINING COCONUT

P44 Kaylen Perkins* TESTING THE PALATABILITY OF WHOLE WHEAT FLOUR VS. ALL PURPOSE FLOUR IN DESSERTS

P45 Abigail McNatt* COMPARING WHOLE WHEAT FLOUR TORTILLAS AND WHITE FLOUR TORTILLAS IN A DESSERT RECIPE

P46 Jennifer Taylor* BRINGING THE FLAVOR OF GREECE INTO A HEALTH-CONSCIOUS COMMUNITY

P47 Braelen Hunt* NUTRITIONAL YEAST AS A PALATABLE SOURCE OF VITAMIN B12 FOR ADOLESCENTS

P48 Sara Saucedo* CONSUMPTION OF A VEGAN DIET: PROVIDES ADEQUATE IRON INTAKE TO PREVENT IRON DEFICIENCY AND ANEMIA

P49 Abbigale Carlyle* LEMON CHIA SEED COOKIES

P50 Alyssa Cunningham* CASE STUDY: RADIATION THERAPY'S ROLE IN THE TREATMENT OF PEDIATRIC OSTEOSARCOMA

P51 Mariah Dykes* BAYLOR SEXUAL ASSAULT SCANDAL: CRISIS COMMUNICATION AND BRAND REPUTATION (**COLAC POSTER)

10:15 am – 11:30 am

Concurrent Oral Sessions

College of Education & Behavioral Sciences, Psychology, Arkansas River Room

College of Education & Behavioral Sciences, Psychology, Black River Room

College of Education & Behavioral Sciences, Psychology, Arkansas River Room

10:15 am Diana Huynh*, Daniele Shelby*, Leea Carver*, Madalyn Crittenden* MINDFULNESS THROUGH BODY AWARENESS: AN ACTION RESEARCH PROJECT

10:30 am McKenzie Griffin* EFFECTS OF BIOFEEDBACK ON STRESS AND ANXIETY IN COLLEGE STUDENTS AT ARKANSAS STATE UNIVERSITY

10:45 am Bryston Hickman* THE EFFECT OF JUDGE LEADERSHIP STYLE ON JURY DECISION-MAKING

11:00 am Kassidy Ratz* JURY DECISION MAKING: THE EFFECTS OF WITNESS TESTIMONY AND CRIME SEVERITY

College of Education & Behavioral Sciences, Psychology, Black River Room

10:15 am Lindsey Brochu* JUMPING&CONCUSSING

10:30 am Lindsey Hall*, Monica Percy* FULL STEM AHEAD: EVALUATING THUNDER OVER THE ROCK'S STEM FEST FOR INFORMAL SCIENCE EDUCATION EXPERIENCES

10:45 am Darla Thomas*, Megan Gunnels*, Sara Brown*, Taylor Shields* EFFECTS OF EXPERT AND CHARACTER WITNESS TESTIMONY ON JURY VERDICTS IN A MURDER TRIAL

11:00 am Trevor Asher* FUNCTIONS OF MUSIC

1:00 pm – 2:30 pm

Oral Session

College of Sciences & Mathematics, Arkansas River Room

College of Sciences & Mathematics, Arkansas River Room

1:00 pm Dakota Dixon* HIGH ALTITUDE BALLOON FLIGHT FORECASTING AND HISTORICAL ANALYSIS

1:15 pm Emma Martin, Kinley Davenport*** ASSESSING THE BIODIVERSITY OF AQUATIC MACROINVERTEBRATE ASSEMBLAGES IN NORTHEAST ARKANSAS AGRICULTURAL DITCHES

1:30 pm Cristofer Calvo** HYDROXYPROLINE-O-GLYCAN ENGINEERING IN TOBACCO TRANSIENT PROTEIN EXPRESSION: FISH IL-22 AND EGFP

1:45 pm Patrick Roberto** ENHANCED BIOPRODUCTION OF SELECTED ANTIOXIDANT STILBENOID IN PEANUT HAIRY ROOTS

2:00 pm Abbas Karouni** PLANT METABOLIC ENGINEERING

2:15 pm Sepideh Mohammadhosseinpour** PRENYLATED STILBENOID AS POTENTIAL CHEMOPREVENTIVE NATURAL PRODUCTS FOR TRIPLE NEGATIVE BREAST CANCER

2:30 pm – 4:30 pm

Poster Session

College of Sciences & Mathematics, Centennial Hall

College of Education & Behavioral Sciences, Centennial Hall

Posters: College of Sciences & Mathematics, Centennial Hall

- P52 Amelia Atwell** EVALUATING NUTRIENT AND SEDIMENT CONTRIBUTIONS TO THE AGRICULTURALLY DOMINATED UPPER CACHE RIVER WATERSHED, ARKANSAS
- P53 Andressa AlvesAugusto** MONITORING WATER QUALITY IN EIGHT SUBWATERSHEDS OF THE STRAWBERRY RIVER, ARKANSAS
- P54 Justine Chester** CORRELATING WATER QUALITY DATA TO FECAL COLIFORM COUNTS
- P55 Amber Spence** ASSESSMENT OF SEASONAL AND AGRICULTURAL IMPACTS OF WATER QUALITY IN BAYOU DEVIEU WATERSHED, ARKANSAS
- P56 Emma Martin** WHOLE EFFLUENT TOXICITY (WET) TESTING IN TWO AGRICULTURAL DITCH SYSTEMS USING PIMEPHALES PROMELAS AND CERIODAPHNIA DUBIA
- P57 Md Rokib Hasan**, Maria Elena Gonzalez Romero** A GENE EDITING APPROACH TO ELUCIDATE THE BIOSYNTHESIS OF STILBENOIDS IN PEANUT
- P58 Brett Hale** CHARACTERIZATION OF MICROSPORE EMBRYOGENESIS IN SOYBEAN (GLYCINE MAX)
- P59 Peyton DeShazo* A NEW KJELDAHL DIGESTION TECHNIQUE FOR ANALYZING TOTAL NITROGEN IN PLANT, SOIL, AND WATER SAMPLES
- P60 ChrisTina Okolo* SYNTHESIS AND ANTIPROLIFERATIVE ACTIVITY OF THIAZOLO-ANDROSTENONES AGAINST BREAST CANCER CELL LINES
- P61 Jordan Fryman* NITRATION OF 4-NP USING NITRATE SALTS
- P62 Kinley Davenport* ASSESSING THE BIODIVERSITY OF AQUATIC MACROINVERTEBRATE ASSEMBLAGES IN NORTHEAST ARKANSAS AGRICULTURAL DITCHES
- P63 Jose Williams* ASSESSING THE IMMUNE MODULATING EFFECTS OF PLANT-MADE CATFISH INTERLEUKIN-22
- P64 Jennifer Taylor* GEOREFERENCING THE DRAGONFLY (ORDER: ODONATA) COLLECTION CATALOGED IN THE ARKANSAS STATE UNIVERSITY MUSEUM OF ZOOLOGY
- P65 Annie Savage* PROJECT MACROINVERT: BRINGING MAYFLY (EPHEMEROPTERA) COLLECTIONS OUT OF THE DARK AT ARKANSAS STATE UNIVERSITY
- P66 River Watson* TAXONOMIC EVALUATION OF THE GOLDSTRIPE DARTER, ETHEOSTOMA PARVIPPINNE
- P67 Rebecca Martin*, Noah Smith* SYNTHESIS OF NEW 2-AMINOPYRIMIDINES
- P68 Kenneth Swafford* OPTIMIZATION OF THE ELICITOR TREATMENT IN HAIRY ROOT CULTURES OF PEANUT FOR THE PRODUCTION OF BIOACTIVE STILBENOIDS
- P69 Krystian Roedel* ELICITATION AND PURIFICATION OF PRENYLATED STILBENOIDS FROM PEANUT HAIRY ROOT CULTURES OF PEANUT.
- P70 Chance Austin* MOLECULAR CLONING FOR EXPRESSING HUMAN FIBROBLAST GROWTH FACTOR-2 IN TOBACCO BY-2 CELLS
- P71 Ramsey Auburn*, Bailey McAlexander*, Joshua Gray*, Lauren Calhoun*, Haitao Zhang** ROLES AND MOLECULAR MECHANISMS OF THE PHOSPHOR-REGULATION IN CAP1 FUNCTIONS

Posters: College of Education & Behavioral Sciences, Centennial Hall

- P72 Stephen Berry**, Jacob McGowen**, Makenna McGowen*, RETHINKING SIN: ASSESSING THE STRUCTURE AND CONTENT OF THE SEVEN SINS INVENTORY
- P73 Jakob McGowen**, Brandon Higdon**, Makenna McGowen*, Blake Higdon**, Stephen Berry**, RESISTING TEMPTATION: SHORT FORM DEVELOPMENT AND VALIDATION OF A SIX SINS INVENTORY
- P74 Shana Schneider** READING INSTRUCTION FOR ENGLISH LANGUAGE LEARNERS: TAILORING INSTRUCTION FOR SECONDARY STUDENTS
- P75 Melissa ClantonKirkpatrick** READ-ALOUDS: LOST IN THE ERA OF ACCOUNTABILITY
- P76 Ashley Goodson** AGOODSON_ABSTRACT

P77 Raelynn Chapman** INCREASING WRITING ACHIEVEMENT THROUGH EVALUATION CRITERIA INSTRUCTION

P78 Duncan Brown** ADULT ILLITERACY EPIDEMIC

P79 Tamara Henry** WILL IMPLEMENTING SCHOOL UNIFORMS HAVE A POSITIVE EFFECT ON NEGATIVE STUDENT BEHAVIOR

P80 Tabitha Tucker** USING MUSIC DURING TRANSITIONS

P81 Sarah Hale** THE IMPACT OF A SCHOOL'S GRADE LEVEL CONFIGURATION ON LITERACY SCORES IN MID-SIZED ARKANSAS DISTRICTS

P82 Kimberley Washington** STUDENT READING PROFICIENCY

P83 Brooke Pierson** READING INTERVENTION FOR ELLS: RECENT ADOLESCENT IMMIGRANTS

P84 Katherine Shelton**, Garrett Tedford** EFFECTS OF EXTERNAL LOADING DURING DAILY LIVING ON ANAEROBIC PERFORMANCE: A REVIEW

P85 Julia Cothron*, Sarah Grayson* POPPIN' PILLS: MEDICATION MISUSE IN STUDENTS

P86 VanKe'via Garner* SOBRIETY STRATEGIES FOR COLLEGE STUDENTS

P87 Reagan Raper* PRESCHOOL PHYSICAL EDUCATION CURRICULUM DEVELOPMENT

P88 Kylie Brickey* THE FORCES OF CONNECTED LEARNING AND UNIT DEVELOPMENT FOR MIDDLE SCHOOL

P89 Shelby Daniele*, Madalyn Crittenden* FRIEND OR PHONE? MINDFULNESS AND PHUBBING IN COLLEGE STUDENTS

P90 Jeremy DeLon* PRACTICALITY OF THE FUNCTIONAL MOVEMENT SYSTEM IN THE GENERAL POPULATION

P91 Hannah Freeland*, Kayle Long* FAMILIARIZATION SESSIONS ARE NOT NECESSARY FOR SPRINT ASSESSMENTS IN RUGBY ATHLETES

P92 Kasey Lody*, Kennedy Brookfield*, Abigail Lovell*, THE INFLUENCE OF GENDER STEREOTYPES ON THE PERCEPTIONS OF STALKING

Fowler Center
Godspell, 7:00 pm

April 17, 2019
Reng Student Union, 3rd Floor

8:30 am – 9:45 pm
 Throw 'em to the Wolves, Business Pitch
 Neil Griffin College of Business, Auditorium

Sandra Winfree*	The Coffee Café	**Remote presentation
Healthier Habits*	Healthier Habits	**Remote presentation
Fadeel Aloqili*	Win Outfitter	
Caitlin Archer*	Thankful Earth	
Joel Haynes*	Joey's	
Griffin Dunn*	Drain Champion	
Hogan Sims Dailey*	Eagle Rock Outfitters	
Amari James*	Kolossal Kuts	
Kailee Hutchison*	Charity Hotel	

Zachary Ray* SafeGuard
Brendon Eminger* Extraordinaire Soliare

10:00 am – 12:00 pm

Poster Session

College of Agriculture & Technology, Centennial Hall

College of Engineering & Computer Science, Centennial Hall

Posters: College of Agriculture & Technology, Centennial Hall

P93 Akash Lal**, Amber Booth** ANALYSIS OF DNA METHYLATION TO UNDERSTAND PROTEIN ACCUMULATION IN TRANSGENIC CORN SEEDS

P94 Naina Rao** Caroline Kelly**, Callie Phipps*, Brenna Cannon* FLORAL DIP TRANSFORMATION OF CAMELINA SATIVA L. WITH A MYO-INOSITOL OXYGENASE GENE TO POTENTIALLY IMPROVE OIL YIELD

P95 Nikkolette Perkins* OXIDATION AND REDUCTION ENZYMES AS BIOREMEDIATION AGENTS

P96 Brenna Cannon*, Caroline Kelley**, Callie Phipps*, Brett Hale**, Naina Rao** SOYBEAN ANDROGENESIS FROM FLOATING ANTHHER CULTURE

P97 Jessica Krob* GEOSPATIAL VARIABILITY AND COTTON PRODUCTION- PROFITABILITY IN A NORTHEAST ARKANSAS FIELD

Posters: College of Engineering & Computer Science, Centennial Hall

P98 Gunnar Etzkorn* AUTOMATED PAPER DELIVERY ROBOT

P99 William Pretorius*, John Contrell* HEAT TRANSFER ANALYSIS: MULTI-FIN

P100 MDARIFUL HASAN** NEURAL NETWORK BASED SOIL RESISTIVITY PREDICTION FOR ARKANSAS

P101 Mohammad Nazmul Hassan** EVALUATION OF AGGREGATE-BINDER COMPATIBILITY USING SURFACE FREE ENERGY THEORY

P102 MMTariq Morshed** REPLACEMENT OF CONVENTIONAL ELASTIC RECOVERY (ER) TEST BY DYNAMIC SHEAR RHEOMETER (DSR) BASED TESTS

P103 Kazi Tamzidul Islam** POTENTIAL USE OF RICE HUSK ASH (RHA) IN ASPHALT MODIFICATION

P104 Christopher Jones** OPTICAL MOMENTUM REVERSAL IN NANOPARTICLE SURFACE ARRAYS

P105 Ashlyn Johnson* FRAMELESS LASER HARP

P106 Brian Hufty*, Nicholas Garcia*, Dustin Tran*, THE NATURAL FREQUENCY

P107 Elizabeth Compton* LOWER BODY POWERED EXOSKELETON

P108 Elizabeth Compton* AUTOMATED MATERIAL TRANSPORT SYSTEM

P109 Ahlam Safouhi*, Mohamed Adawi*, Desmond Nyaho* DEVELOPMENT OF A PROGRAMMABLE LOGIC CONTROLLERS TRAINER FOR INDUSTRIAL PROJECT SIMULATION

P110 John Cottrell*, Rebecca Chen* BRIDGE STRUCTURE STATIC AND VIBRATION ANALYSIS

P111 Abdalala Alsuwaij*, Daniel Bope*, Yuichiro Miyakawa*, Preston Spencer* HUMAN POWER VEHICLE

P112 Abdalala Alsuwaij* STEEL RECYCLING SIMULATION

P113 Brandon Cole* SAE BAJA DRIVETRAIN

P114 Brandon Cole* SAE BAJA SUSPENSION

P115 Nicolas Thomas*, Gunnar Etzkorn* PICK AND PLACE ROBOTIC ARM

P116 Nicolas Thomas*, Gunnar Etzkorn* PMC SHAKER TOWER

P117 Rocklan McCall* CONTINUOUS TO DISCRETE TIME CONVERTER

P118 Kyler Dickey* TONE PRODUCING TUNING DEVICE

P119 Ahmed Alsehalhi* LASER COMMUNICATION SYSTEM

P120 Jadee Scott-Jones* BATTERY LEVEL INDICATOR

P121 Rebecca Chen* DNA ENTRAPMENT USING LIGHT-MATTER INTERACTION IN NANO-PATTERNED ARRAYS

P122 Dustin Tran*, Wael Alqahtani* 3D PRINTING TECHNOLOGY WITH TWO PHOTON LITHOGRAPHY

10:15 am – 11:30 am

Throw 'em to the Wolves, Sales Pitch

Neil Griffin College of Business, Auditorium

1:00 pm – 2:30 pm

Concurrent Oral Sessions

College of Engineering & Computer Science, Black River Room

College of Agriculture & Technology, Arkansas River Room

College of Engineering & Computer Science, Black River Room

1:00 pm Clayton Liddell* ANALYZING THE ADOPTION RATE OF LOCAL VARIABLE TYPE INFERENCE IN OPENSOURCE JAVA 10 PROJECTS

1:15 pm SumonRoy** INVESTIGATION OF MOISTURE DAMAGE OF ASPHALT BIDDERS USING THE ATOMIC FORCE MICROSCOPY (AFM) TECHNIQUES

1:30 pm Sandeep Aryal** UNSTEADY MODELING ON FLY ASH DEPOSITION IN FULL-SCALE GAS-TO-GAS HEATERS FOR ULTRASUPERCRITICAL PULVERIZED COAL-FIRED POWER PLANT APPLICATIONS

1:45 pm MD. Saifujjaman** MODELING FOR MINERAL REDISTRIBUTION OF BLENDED COALS DURING PULVERIZED COAL COMBUSTION

2:00 pm Santosh Tamang** ANALYTICAL MODELING ON MULTIPHASE HEAT AND MASS TRANSFER IN FULL-SCALE GAS-TO-GAS HEATERS FOR ULTRA-SUPERCRITICAL PULVERIZED COAL-FIRED POWER PLANT APPLICATIONS

2:15 pm Tamal Sarkar** ELECTROSTATIC STABILITY AND OPTICAL TUNABILITY OF CHARGED PARTICLES IN INVERTED SYSTEMS: AN APPROACH TOWARDS NOVEL TUNABLE SURFACES

College of Agriculture & Technology, Arkansas River Room

1:00 pm NEHA VERMA** HYDROXYPROLINE-O-GLYCOSYLATION IN MONOCOT PLANTS AND ITS APPLICATION IN CELL WALL ENGINEERING

1:15 pm Amber Booth** NON-CODING RNA INFLUENCE ON MANGANESE PEROXIDASE QUANTITY VARIATION IN ISOGENIC CORN LINES.

1:30 pm Joshua Byrd** PLANT-PRODUCED OXIDATION/REDUCTION ENZYMES AS BIOREMEDIATION AGENTS

2:45 pm – 3:45 pm

Demonstrations

College of Engineering & Computer Science, Vaughn Student Lounge

4:00 pm – 5:00 pm

Awards Program & Reception, Auditorium