



College of Health & Human Services

2019

# Research & Scholarly Activity Report



## **Vision**

To be an innovative leader in the student-centered, interprofessional, preparation of health and human services professionals by providing students with an inclusive, community-engaged, and interdisciplinary academic experience.

## **Mission**

We prepare health and human services professionals who will work to improve the quality of life in their communities and beyond.

---

## Message from the Dean

Our newly implemented vision for the College of Health and Human Services (CHHS) is to be an innovative leader in the student-centered, interprofessional preparation of health and human services professionals by providing students with an inclusive, community-engaged, and interdisciplinary academic experience. One of our strategic goals that will help us realize this vision is to enhance the productivity of research and creative activity among CHHS faculty and graduate students. As a result, we created this research portfolio to showcase the research and creative activities conducted by our faculty and students for our most recent complete calendar year, 2019.



*Dr. Tania B. Basta, Dean of CHHS*

In recent years, CHHS has increased internal resources for faculty, staff, and students to support and enhance their scholarly pursuits. Twenty-one faculty received internal CHHS awards in 2019, which resulted in twenty-four external proposals submitted and \$992,236 in funding. Five faculty received internal WKU research funding that resulted in four external proposals submitted and \$157,476 of external funding. Further enhancing our commitment to research, CHHS added the Center for Child Welfare Education and Research as its third interdisciplinary applied-research center. The mission of CCWEAR is to support the development of child welfare professionals to serve Kentucky's families and children. We are thrilled to have added CCWEAR to our existing research centers: The Center for Applied Science in Health and Aging and the Center for Environmental and Workplace Health.

Applied, interdisciplinary research and creative activity inform best practices in the health and human services fields and provide first-hand applied experience for our students. Undergraduate and graduate student involvement in research is a priority in our strategic plan. Likewise, in 2019, forty-seven students received internal support from CHHS and WKU. Many of our students have also co-authored presentations and peer-reviewed publications with our faculty, which are included in this portfolio.

I am honored to work with faculty, staff and students who share my commitment to research and creative activity. I hope you are impressed by the research and creative activity that was conducted in CHHS in 2019, and that by reading this portfolio, you will find meaningful connections between your own interests and work being completed in CHHS! I encourage you to reach out to our faculty if you are interested in learning more about their research and creative activities.

---

## Table of Contents

<b>Report Summary .....</b>	<b>5</b>
<b>Departments &amp; Schools* .....</b>	<b>6</b>
Department of Applied Human Sciences	
Department of Communication Sciences and Disorders	
Department of Physical Therapy	
Department of Public Health	
Department of Social Work	
School of Kinesiology, Recreation, and Sport	
School of Nursing and Allied Health	
<b>Research Centers &amp; Service Units* .....</b>	<b>17</b>
South Central Kentucky Area Health Education Center (AHEC)	
Center for Environmental and Workplace Health	
Center for Applied Science in Health and Aging	
Center for Child Welfare Education and Research	
<b>Faculty Research &amp; Scholarship .....</b>	<b>20</b>
Presentations & Publications	
Awarded Grants: Intramural & Extramural	
<b>Student Research &amp; Scholarship .....</b>	<b>43</b>
Student Intramural Grants	
Doctorate Program Student Projects	
Theses & Dissertations	

*\*material gathered from the WKU Undergraduate and Graduate Catalogs 2020-2021*

---

## Report Summary

Grants Awarded in Fiscal Year 2019	
Extramural	\$1,474,374
Intramural (RCAP & QTAG)	\$87,449
<b>Total</b>	<b>\$1,536,823</b>

Publications for Calendar Year 2019			
Departments & Schools	# of Publications involving Student Authors*	# of Publications Involving Faculty	# of Different Journals Involving Faculty
AHS	1	7	3
CSD	1	3	2
PT	1	5	3
PH	9	15	12
SW	2	12	10
KRS	10	31	19
SONAH	1	11	6
<b>Total</b>	<b>25</b>	<b>84</b>	<b>55</b>

*\*works in which student authors included a faculty member on their work.*

*Due to collaboration across departments/schools, final total may not match combined department/school total.*

---

## Departments & Schools

### Department of Applied Human Sciences (AHS)

Travis Wilson, M.Arch. - Department Head

#### Undergraduate

##### Degrees

Family and Consumer Sciences, Bachelor of Science  
Hospitality Management and Dietetics, Bachelor of Science  
Interior Design and Fashion Merchandising, Bachelor of Science

##### Minors

Child Studies, Minor  
Family Studies, Minor  
Meeting and Convention Planning, Minor

##### Certificates

Early Childhood Education Director Certificate  
Family Home Visiting, Certificate

#### Graduate

Child and Family Studies, Master of Science  
Dietetic Practice, Certificate

#### Professor

Danita M. Kelley PhD (Nutritional Science), University of Kentucky, 1994

#### Associate Professor

Dora Babb PhD (Human Environmental Sciences, Human Development & Family Science), Oklahoma State University, 2010  
Darbi J. Haynes-Lawrence PhD (Special Education), Indiana University-Bloomington, 1998  
Karen G. Mason PhD (Nutritional Science), University of Kentucky, 2002  
Heather M. Payne-Emerson PhD (Nutritional Science), University of Kentucky, 2010  
Doris A. Sikora PhD (Human Ecology), University of Tennessee, Knoxville, 1997  
Adam R. West PhD (Human Development & Family Science), University of Texas at Austin, 2013  
Travis K. Wilson M.Arch (Architecture), University of Oklahoma Norman, 1998

#### Assistant Professor

Carolyn Cox PhD (Textile & Apparel Management), University of Missouri-Columbia, 1999  
Ann E. Embry PhD (Hospitality Management), Iowa State University, 2017  
Yuan Fang PhD (Design), North Carolina State University, 2017  
Soyeon Kim PhD (Hospitality Management), Ohio State University, 2013  
Qingfang Song PhD (Developmental Psychology), Cornell University, 2016

#### Visiting Assistant Professor

Fatemeh Soltani PhD (Health Leisure & Human Perf), Oklahoma State University, 2015

#### Instructor I

Deborah C. Shivel MA (Textiles and Clothing), University of Kentucky, 1987  
Jane H. Simmons MS, Western Kentucky University, 1977

---

## Instructor II

Sheila S. Flener MA (Art (Creative)), University of Louisville, 2007

Julie K. Lee MBA, University of Cincinnati, 2002

## Accreditation

- Nutrition & Dietetic Undergraduate and Graduate programs: Accreditation Council for Education in Nutrition and Dietetics (ACEND), 2016 – 2024
- Early Childhood Education Associate Degree: National Association for the Education of Young Children (NAEYC), 2017 – 2024
- Interior Design: National Association of Schools of Art and Design (NASAD), 2015-2024



---

## Department of Communication Sciences and Disorders (CSD)

Richard Dressler, PhD, CCC-SLP – Department Chair

### Undergraduate

#### Degree

Communication Disorders, Bachelor of Science

#### Minor

American Sign Language Studies, Minor

#### Certificate

Deaf Studies, Certificate

### Graduate

Speech-Language Pathology, Master of Science

### Professor

Jean Neils-Strunjas PhD (Communication Sciences), Case Western Reserve University, 1984

### Associate Professor

Lauren E. Bland PhD (Communication Disorders), University of Cincinnati, 1995

Barbara R. Brindle PhD (Education, Speech Pathology & Audiology), University of Virginia, 1994

Richard A. Dressler PhD (Audiology & Speech Pathology), University of Memphis, 2001

Jo L. Shackelford EdD (Educational Leadership, Postsecondary Leadership), Western Kentucky University, 2012

### Assistant Professor

Ashley C. Fox PhD (Educational Leadership & Organizational Development), University of Louisville, 2010

Kimberly J. Green EdD (Educational Leadership, Postsecondary Leadership), Western Kentucky University, 2015

Brian K. Weiler MS (Hearing & Speech Sciences), Vanderbilt University, 2007

Brittney R. Vickous MS, Western Kentucky University, 2011

Jeffrey A. Barefoot AUD (Audiology), A T Still University of Health Science, 2013

Courtney A. Hatcher PhD (Rehabilitation Sciences), University of Kentucky, 2017

Leisa S. Hutchison MSED (Special Education, Speech & Communication Disorders), University of Kentucky, 1986

Leigh A. Roden-Carrier EdD (Educational Leadership, P-12 Leadership), Western Kentucky University, 2011

### Instructor I

Holly B. Bryant MAE (Counseling), Western Kentucky University, 2015

### Instructor II

Janice C. Smith PhD (Rehabilitation Sciences), University of Kentucky, 2015

### Accreditation

- o Master of Science in Speech-Language Pathology: The Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2014-2022



---

## **Department of Physical Therapy (PT)**

Beth Norris, PhD, PT, OCS – Department Chair

### **Graduate**

Physical Therapy, Doctor of Physical Therapy

### **Associate Professor**

Kurt R. Neelly PhD (Education), University of Kansas Medical Center, 2002

Elizabeth S. Norris PhD (Health Sciences), Seton Hall University, 2003

Sonia N. Young EdD (Educational Leadership), University of the Cumberland, 2013

### **Assistant Professor**

David L. Bell DPT University of Kentucky, 2012

Karen E. Furgal DPT (Physical Therapy), SUNY at Stony Brook, 2008

Michael W. Kennedy DPT (Physical Therapy), University of Kentucky, 2012

### **Accreditation**

- The Commission on Accreditation in Physical Therapy Education (CAPTE), 2015-2021

---

## Department of Public Health (PH)

William Mkanta, PhD – Department Head

### Undergraduate

#### Degrees

Environmental and Occupational Health Science, Bachelor of Science  
Health Care Administration, Bachelor of Science  
Health Information Management, Bachelor of Science  
Health Sciences, Bachelor of Science  
Public Health, Bachelor of Science

#### Minor

Health Care Administration, Minor

#### Certificates

Environmental Health, Certificate  
Health Education and Promotion, Certificate  
Health Informatics, Certificate  
Long-Term Care Administration, Certificate  
Occupational Safety & Health, Certificate  
Public Health, Certificate  
Worksite Health Promotion, Certificate

### Graduate

Environmental and Occupational Health Science, Master of Science  
Environmental Health and Safety, Certificate  
Global Health Administration, Certificate  
Health Administration, Master of Health Administration  
Health Education, Certificate  
Public Health, Master of Public Health  
Workplace Health Promotion, Certificate

### Professor

Grace K. Lartey PhD (Health Education), University of Toledo, 2006  
William N. Mkanta PhD (Health Services Research), University of Florida, 2005  
Ritchie D. Taylor PhD (Environmental Science), University of North Texas, 2002  
Cecilia M. Watkins PhD (Human Ecology, Community Health), University of Tennessee, Knoxville, 2000

### Associate Professor

Gregory E. Ellis-Griffith PhD (Administration/Health Services), University of Alabama at Birmingham, 2010  
Gary M. English PhD (Health PE & Recreation), University of New Mexico Main Campus, 1988  
Marilyn M. Gardner PhD (Health Ed Promotion), The University of Alabama, 1999  
Janice R. Hunt-Shepherd MHA (Health Administration), Western Kentucky University, 2005  
Gretchen M. Macy EdD (Kinesiology & Health Promotion), University of Kentucky, 2012

---

### Assistant Professor

Abeer D. Alamri PhD (Healthcare Ethics), Duquesne University, 2016  
Xiuhua Ding PhD (Epidemiology & Biostatistics), University of Kentucky, 2016  
Colin Farrell PhD (Medical Sociology), University of Alabama at Birmingham, 2010  
Michelle C. Reece PhD (Public Health), East Tennessee State University, 2014  
Edrisa Sanyang PhD, University of Iowa, 2016

### Instructor

Susan S. Eagle PhD (Anthropology), Tulane University, 2005

### Instructor I

Jacqueline R. Basham MPH (Public Health, Environmental Health), Western Kentucky University, 2015  
Pamela A. Chandler MED (Education), Indiana Wesleyan University, 2008  
Melanie D. Eaton MBA (Business Administration), Western Kentucky University, 2003  
Nadia F. Houchens BD, Foreign College/University, 2014  
Jae J. Kim MS (Health), Western Kentucky University, 1987  
Roberta D. Pope MS, University of Illinois at Chicago, 2012

### Accreditation

- Bachelor of Science & Master of Public Health: Council on Education for Public Health, 2016-2023
- Health Information Management: Commission on Accreditation for Health Informatics and Information Management, 2016-2026
- Health Care Administration: AUPHA certified Association of University Programs in Health Administration, 2019- 2022, & National Association of Long-term Care Administrators Boards (NAB), 2019- 2025
- Environmental & Occupational Health Sciences: National Environmental Health Science and Protection Accreditation Council, 2020-2026

---

## Department of Social Work (SW)

Patricia Desrosiers, PhD, LCSW – Department Head

### Undergraduate

#### Degree

Social Work, Bachelor of Social Work

#### Minor

Social Work, Minor

### Graduate

Social Work, Master of Social Work

### Professor

Amy C. Cappiccie PhD (Social Work), University of Louisville, 2006

Wesley J. Gabbard PhD (Social Work), The University of Alabama, 2004

James D. May EdD (Personnel Services, Higher Education), University of Memphis, 1990

Saundra H. Starks EdD (Counseling & Personnel Services, Counseling Psychology), University of Louisville, 1999

Dana J. Sullivan PhD (Social Work), University of Louisville, 2003

### Associate Professor

Patricia L. Desrosiers PhD (Social Work), University of Louisville, 2009

Simon P. Funge PhD (Social Welfare), University of California-Los Angeles, 2013

Gayle M. Mallinger PhD (Social Work), University of Pittsburgh, 2010

Larry W. Owens EdD (Leadership Education), Spalding University, 2007

### Assistant Professor

Austin G. Griffiths PhD, University of Kentucky, 2017

Whitney R. Harper PhD (Human Devl and Family Studies), Michigan State University, 2015

April L. Murphy PhD (Social Work), University of Louisville, 2012

### Lecturer

Daniel A. Boamah MS (Social Work), University of Louisville, 2009

### Instructor I

Allison Gibson MSSW (Social Work), University of Louisville, 2005

Kellye M. McIntyre MSW (Social Work), Western Kentucky University, 2003

Erin T. Warfel MSW (Social Work), Bryn Mawr College, 2001

### Accreditation

- o Council on Social Work Education Accreditation, 2018 – 2026

---

## School of Kinesiology, Recreation, and Sport (KRS)

Ron Ramsing, PhD – School Director

### Undergraduate

#### Degrees

Exercise Science, Bachelor of Science  
Physical Education, Bachelor of Science  
Recreation Administration, Bachelor of Science  
Sport Management, Bachelor of Science

#### Minors

Athletic Coaching, Minor  
Facility and Event Management, Minor  
Nonprofit Administration, Minor  
Outdoor Experience Leadership, Minor  
Tourism, Minor

### Graduate

Facility and Event Management, Certificate  
Intercollegiate Athletic Administration, Certificate  
Kinesiology, Master of Science  
Nonprofit Administration, Certificate  
Recreation and Sport Administration, Master of Science

### Professor

Fred W. Gibson PhD (Educational Leadership & Organizational Development), University of Louisville, 2004  
Thomas S. Lyons PhD (Human Performance), The University of Alabama, 2003  
Raymond A. Poff PhD (Leisure Behavior), Indiana University-Bloomington, 2001  
Ronald D. Ramsing PhD (Parks, Recreation, & Tourism), University of Utah, 2005

### Associate Professor

Scott W. Arnett PhD (Exercise Science), University of Georgia, 2007  
Kenneth J. Crandall PhD (Exercise & Sport Science), University of Utah, 2004  
Keri A. Esslinger PhD (Kinesiology), University of Arkansas Main Campus, 2010  
Tricia A. Jordan PhD (Educational Leadership & Organizational Development), University of Louisville, 2009  
Evelyn M. Oregon PhD (Kinesiology), Michigan State University, 2013  
Mark A. Schafer PhD (Health & Physical Activity, Exercise Physio Clin Res Trac), University of Pitts Pittsburgh Camp, 2007  
Tammie L. Stenger-Ramsey EdD (Applied Educational Studies), Oklahoma State University Main Campus, 2001  
Paula A. Upright PhD (Educational Leadership & Organizational Development), University of Louisville, 2009

---

### **Assistant Professor**

Kayla M. Baker PhD (Education), University of Central Florida, 2019  
Francis T. Esslinger PhD (Kinesiology), University of Arkansas Main Campus, 2011  
Stacey A. Forsythe EdD (Educational Leadership), Western Kentucky University, 2015  
Eric G. Knackmuhs PhD (Leisure Behavior), Indiana University-Bloomington, 2017  
Allie E. McCreary PhD (Parks, Recreation, and Tourism), North Carolina State University, 2017  
Brian S. Myers PhD (Phys Ed: Special Phys Education), Eastern Michigan University, 2019  
Thomas B. Stinnett PhD (Educational Leadership and Organizational Development), University of Louisville, 2013  
Whitley J. Stone PhD (Health Sciences), Middle Tennessee State University, 2017  
Rachel A. Tinius PhD (Movement Science), Washington University, 2015  
Danilo V. Tolusso PhD (Human Performance), The University of Alabama, 2019

### **Pedagogical Assistant Professor**

Sarah L. Herrick PhD (Physical Education), Springfield College, 2016  
Terry L. Obee MS (Recreation & Sport Administration, Athletic Administration & Coaching), Western Kentucky University, 2012

### **Instructor I**

Tracy Lane MED (General Education), Auburn University at Montgomery, 1994

### **Accreditation**

- o Recreation Administration: Council on Accreditation of Parks, Recreation, Tourism and Related Professions (COAPRT), 2015-2022

---

## School of Nursing and Allied Health (SONAH)

Mary Bennett, DNS – School Director

### Undergraduate

#### Degrees

Dental Hygiene (Associate of Science)  
Dental Hygiene, Bachelor of Science  
Nursing, Associate of Science in Nursing  
Nursing, Bachelor of Science in Nursing

### Graduate

Family Nurse Practitioner, Post-MSN Certificate  
Nursing Practice, Doctor of Nursing Practice  
Nursing, Master of Science in Nursing  
Psychiatric Mental Health Nurse Practitioner, Post-MSN Certificate

### Professor

Cathy H. Abell PhD (Educational Leadership & Organizational Development), University of Louisville, 2009  
Mary P. Bennett DNS (Doctoral Nursing, Medical Nursing), Rush University, 1997  
Crista L. Briggs EdD (Instructional Technology/Education Studies, Instructional Technology), University of Tennessee, Knoxville, 2004  
Maria E. Main DNP (Nursing Practice), University of Kentucky, 2010  
Lizbeth P. Sturgeon PhD (Nursing), University of Kentucky, 2012  
Dawn G. Wright PhD (Nursing Science), Vanderbilt University, 2008

### Associate Professor

Carol W. Evans DPN (Nursing), Western Kentucky University, 2015  
Lori J. Alexander DNP (Nursing Practice), Western Kentucky University, 2016  
Tonya M. Bragg-Underwood DNP (Nursing Practice, MSN to DNP), Western Kentucky University, 2014  
Mary L. Branstetter DNP (Nursing Practice, Post Master Science in Nursing), University of Kentucky, 2011  
Barbara C. Bush MSED (Clinical and College Teaching), University of Kentucky, 1986  
Terry R. Dean DMD (Dentistry), University of Louisville, 1990  
Joseph W. Evans DDS (Dentistry), Meharry Medical College, 2003  
Mary K. Green MSN, Vanderbilt University, 2000  
Kimberly W. Harris MSN (Nursing), Bellarmine University, 1994  
Sonya L. House EdD (Education Leadership), Western Kentucky University, 2013  
Sherry M. Lovan PhD (Educational Leadership and Organizational Development), University of Louisville, 2009  
Lora W. Moore DNP (Nursing Practice), Western Kentucky University, 2015



---

### **Assistant Professor**

Maire M. Blankenship DNP, Western Kentucky University, 2014  
Elizabeth A. Groves DNP (Nursing Practice), Western Kentucky University, 2019  
Kara S. Haughtigan DNP (Nursing Practice), Western Kentucky University, 2016  
Kimberly A. Link DNP, Western Kentucky University, 2016  
Marian R. Smith DNP (Advanced Practice), University of Southern Indiana, 2012  
Melissa K. Travelsted DNP (Nursing Practice), Western Kentucky University, 2014  
Kim Y. Vickous EdD (Educational Leadership, Organizational Leadership), Western Kentucky University, 2015

### **Clinical Assistant Professor**

Mark W. Flener MSN (Nursing, Nursing Educator), Gonzaga University, 2016

### **Clinical Associate Professor**

Audrey S. Cornell PhD (Educational Leadership and Organizational Development), University of Louisville, 2010  
Lori K. Fox MSN (Nursing), Western Kentucky University, 2001  
Neena W. Jones PhD (Education/Educational Technology), Walden University, 2019

### **Instructor I**

Kimberly M. Bourne MSN (Nursing (RN to BSN)), Western Kentucky University, 2012  
William S. Cole MSN (Nursing, Nursing Educator), Western Kentucky University, 2010  
Synthia L. Frank MSN (Nursing), Western Kentucky University, 2018  
Tracy L. Jenkins DNP (Nursing), Western Kentucky University, 2020  
Leanna Miller DNP (Nursing Practice), Western Kentucky University, 2016  
Miranda D. Peterson DNP (Nursing Practice), Northern Kentucky University, 2016  
Rhonda B. Quenzer MSN, APRN, PMHNP-BC (Nursing, Nursing Educator), Western Kentucky University, 2016  
Dianna L. Ransdell MAE (Adult Education), Western Kentucky University, 2014  
Talitha W. Richards MSN (Nursing, Nurse Educator), Western Kentucky University, 2015  
Heather J. Scarborough MS (Nursing), Western Kentucky University, 2013  
Kelly A. Watson MSN (Nursing), Western Kentucky University, 2016  
Lindsay S. Wheat MSN (Nursing, Nursing Educator), Western Kentucky University, 2014  
Diana Wooden DNP, Western Kentucky University, 2018

### **Instructor II**

Christy DeHay MSN, University of Missouri - Kansas City, 2013  
Chandra C. Ellis-Griffith MSN (Nursing), University of Alabama at Birmingham, 2011  
Deanna L. Hanson MSN (Nursing), Western Kentucky University, 2005  
Wendi J. Hulsey MDH (Dental Hygiene), University of Tennessee, Memphis, 2010  
Vickie L. Shoumake MSN (Nursing, Nurse Educator), Western Kentucky University, 2011

### **Accreditation**

- Dental Hygiene: Commission on Dental Accreditation (CODA), 2019-2027
- Baccalaureate Degree Program in Nursing; Post-Graduate APRN Certificate Program; Master's Degree Program in Nursing; Doctor of Nursing Practice Program: CCNE Commission on the Collegiate Nursing Education, 2017-2027
- LPN to ASN program: ACEN Accreditation Commission for Education in Nursing, 2015-2023

---

## Research Centers & Service Units

### South Central Kentucky Area Health Education Center (AHEC)

Catherine Malin – Director

**Email:** Catherine.Malin@wku.edu

**Phone:** 270-745-3325

**Website:** <http://www.wku.edu/scahec>

The mission of the Kentucky AHEC is to promote healthy communities through innovative educational partnerships. This is accomplished by providing the following educational support services to health professions students and health care providers; community health education; and programs that encourage health professions as a career choice.

The South Central AHEC is affiliated with the University of Louisville, School of Medicine in cooperation with WKU's College of Health and Human Services. Programming for WKU students includes:

- MCAT Prep Advantage - a program for pre-med students that combines online MCAT prep, shadowing, mock interviews, and personal statement review.
- Mock interviews and personal statement reviews for all health and pre-health profession students.
- Student Internships – Undergraduate and graduate
- AHEC Scholars – A two year, advanced-learning program which prepares health profession students to be leaders in their field. Throughout the program, students collaborate across health disciplines and geographic regions as they prepare to practice in the ever-evolving healthcare field. This is a national program conducted by all AHECs and funded by the Health Resources Services Administration.
- Bridging the Gap Medical Interpreter Training Program – A 40-hour course offered several times a year that prepares students to provide medical interpreting services.
- WKU-AHEC Student Rural Health Association (SRHA) – A student organization for students interested in rural health.
- Greenview Shadowing Program – A semester- long program for students interested in shadowing healthcare professionals at the hospital.
- State Registered Nurse Aide (SRNA) – This class prepared students to take the written and skills test to become a SRNA which can lead to employment in long term care facilities and acute care hospitals.
- Opportunities to enhance cultural competency by working with Old Order Mennonite communities and New Americans.
- South Central AHEC also houses the **WKU Cardiopulmonary Resuscitation (CPR) Training Center**. The mission of the WKU CPR training center is dedicated to upholding the standard of the American Heart Association in accountability for instructors as well as excellent classroom training for the campus and the community. Classes are available to all faculty and staff, as well as anyone in the public. The types of classes available include Healthcare Provider, Heartsaver First Aid and CPR, Heartsaver Pediatric First Aid and CPR, and instructor courses for all disciplines.

---

## Center for Environmental and Workplace Health (CEWH)

Dr. Ritchie Taylor, Director

**Email:** [Ritchie.Taylor@wku.edu](mailto:Ritchie.Taylor@wku.edu)

**Phone:** 270-745-8975

**Website:** <https://www.wku.edu/cewh/>

The mission of CEWH is to address environmental, occupational, and workplace health and safety issues through innovative education, research, partnerships, and service.

Objectives of the Center:

- Promote research, creativity, and scholarly activity by faculty and students.
- Prepare students for lifelong learning and success.
- Enhance the diversity and international profile of faculty, staff, and student populations.
- Expand WKU's economic impact on the region through student, faculty, and staff engagement.

The CEWH serves to address environmental, occupational, and workplace safety and health research in the region. CEWH engages faculty, staff, and students through innovative research that enhances education, partnerships, and service offered by CHHS. CEWH brings together disciplines throughout CHHS and WKU to improve the health of the community and workers by understanding the risks and conditions associated with environmental and occupational diseases and injuries, to explore methods for reducing risks and for preventing or minimizing exposure to hazardous conditions in the environment and workplace, and to translate significant scientific findings into prevention practices, products, and innovations that will effectively reduce environmental and work-related hazards, illnesses, and injuries.

## Center for Applied Science in Health and Aging (CASHA)

Dr. Jason Crandall – Co-Director

Dr. Matthew Shake – Co-Director

**Email:** [Jason.Crandall@wku.edu](mailto:Jason.Crandall@wku.edu) | [Matthew.Shake@wku.edu](mailto:Matthew.Shake@wku.edu)

**Phone:** 270-745-2077 | 270-745-3918

**Website:** <https://www.wku.edu/casha/>

CASHA was created in CHHS to engage in rigorous research to promote health, vitality, and human potential in the aging community through innovative education, research, partnerships, and service. CASHA will collaborate with community organizations and university partners to identify and address needs in the aging community. Findings will inform research, policy, practice, and program development. CASHA will integrate disciplinary perspectives in physical activity, health, human development, and cognitive psychology to optimize human potential. In addition, CASHA seeks to develop the knowledge, skills, and dispositions of emerging scholars and practitioners by providing experiential and developmental learning opportunities for undergraduate and graduate students.

---

## WKU Center for Child Welfare Education and Research (CCWEAR)

Dr. Austin Griffiths - Director

**Email:** Austin.Griffiths@wku.edu

**Phone:** 270-745-2676

**Website:** <https://www.wku.edu/childwelfare/>

CCWEAR was established in CHHS as an applied research center designed to utilize multidisciplinary partnerships and collaborations to positively impact Kentucky's children and families through research, grants, and education. The Center will build on partnerships with statewide constituents to provide best practices in child welfare education. CCWEAR will engage in child welfare research and grant activities that promote and support effective practice interventions with Kentucky's children and families.

---

## Faculty Research & Scholarship

### Presentations

*Calendar Year 2019*

- 1 Abell, C. & Main, M. E. (2019). Preparing Nursing Faculty for Accreditation Visit: Professional Development and "Tuesday Tips." Poster presentation at Kentucky League for Nursing Annual Conference. Louisville, KY.
- 2 Abell, C. H. (2019). Job Satisfaction of Nursing Home Administrators. Southern Gerontology Association 40th Annual Conference. Sandestin, FL.
- 3 \*Allen, A., \*Smith, E., Hill, E., Ramsing, R. (2019). Medical specialty camps: Camper and parent perceptions using the ACA Youth Outcomes Battery. Poster Presentation. American Camp Association. Nashville, TN.
- 4 \*Apelt, E.B., Neils-Strunjas, J., Crandall, K.J., Weiler, B., Gabbard, A. (2019). Reliability and validity of an assessment of engagement during Bingocize®. Kentucky Rural Health Association Conference, Bowling Green, KY.
- 5 \*Arpan Sheth & Xiuhua Ding. (2019). Cholestasis as High Risk in Pregnancy. CHHS Research Week.
- 6 \*Arpan Sheth & Xiuhua Ding. (2019). Cholestasis as High Risk in Pregnancy. The 49th Annual WKU Student Research Conference, Bowling Green, KY.
- 7 \*Arpan Sheth & Xiuhua Ding. (2019). Cholestasis as High Risk in Pregnancy. The 71st Annual Kentucky Public Health Association (KPHA) Conference, Covington, KY.
- 8 Babb, D., & Gesler, D. (2019). Implementing transformational leadership in Early Childhood Education. National Association for the Education of Young Children Annual Conference, Nashville, Tennessee.
- 9 Baker, K. (2019) Careers in Higher Education: Mental Health and Exercise. Western Kentucky University: Guest Lecture. Bowling Green, KY.
- 10 Baker, K. (2019). A Mixed-Methods Approach to Understanding the Relationship between Mental Toughness and the Effect of Music on Exercise Performance. University of Central Florida Doctoral Dissertation Defense. Orlando, FL.
- 11 Baker, K. (2019). Mental Health and Exercise. University of Central Florida: Guest Lecture. Orlando, FL.
- 12 Baker, K., Garcia, J., & Belity, T. (2019) Emotional Influence of Music in Relation to the Effect of Music on Exercise Performance. 2019 ACSM Annual Conference. Orlando, FL.
- 13 Baker, K., Garcia, J., & Belity, T. (2019) Emotional Influence of Music in Relation to the Effect of Music on Exercise Performance. University of Central Florida Graduate Research Forum. Orlando, FL.

- 
- 14 Baker, K., Garcia, J., Renziehausen, J., & Rivera, P. Reliability of Time-to-Exhaustion Trials Utilizing a Speed Corresponding to a Percentage of VO<sub>2</sub>max. 2019 Southeast ACSM Regional Conference Oral Presentation. Greenville, SC.
  - 15 Baker, K., Garcia, J., Renziehausen, J., & Rivera, P. Reliability of Time-to-Exhaustion Trials Utilizing a Speed Corresponding to a Percentage of VO<sub>2</sub>max. 2019 Southeast ACSM Regional Conference. Greenville, SC. (Oral Presentation)
  - 16 Basham, J.R. (2019). Assessment of Diesel Particulate Matter in City of Bowling Green Fire Stations. City of Bowling Green Fire Department Personnel, Bowling Green, KY.
  - 17 Basham, J.R. (2019). Comparison of Water Quality Results in the Green River Watershed. Green River Watershed Water Annual Conference, Bowling Green, KY.
  - 18 Blankenship, M. (2019). HPV and HPV Vaccines. Berry Global. Occupational health nurses, Podium Presentation. Franklin, KY.
  - 19 Blankenship, M. (2019). HPV Training. Nurse practitioner/physicians Podium Presentation. Fairview Community Health Clinic. Bowling Green, KY.
  - 20 Blankenship, M. (2019). Prediabetes. AOHN Annual State Conference, Podium Presentation. Bowling Green, KY.
  - 21 Blasé, C, Erwin, H., Crandall K.J., \*Cui, J., Abel, M.G., Clasey, J. (2019). Comparing Children's Physical Activity During Three Recess Conditions. SHAPE America Conference, Tampa, FL.
  - 22 Boamah, D. A. (2019). Mental Health/Substance Abuse: Refugee Screening and Interventions. Refugee Health Summit, Western Kentucky University
  - 23 Boamah, D.A. & Boamah, I.A. (2019). Building and Sustaining a Healthy ID/DD Workforce: How to Manage Burnout and Secondary Trauma in a Challenging and Traumatized Environment. Kentucky APSE Conference, Human Development Institute – University of Kentucky
  - 24 Bragg-Underwood, T., Blankenship, M. (2019). Low dose CT Screening: Nurse Practitioner Knowledge, Practice, and Attitudes. AANP, Indianapolis, IN.
  - 25 Cappiccie, A., Desrosiers, P., & \*Darst, A. (2019). A Model for Academic Performance in Online MSW Education. Council on Social Work Education (CSWE) Annual Program Meeting. Denver, CO.
  - 26 Chaudhari, M. & Lartey, G. (2019). Racial Disparities and Its Impact on Teen Pregnancy. 71st Annual Kentucky Public Health Association Conference, Covington, KY.
  - 27 Chaudhari, M. & Lartey, G. (2019). Racial Disparities and Its Impact on Teen Pregnancy. WKU Student Research Conference, Bowling Green, KY.
  - 28 \*Clark, S., Gardner, M.M. (2019). Kentucky Public Health Association Annual Conference. Disability Inclusion in Preparedness Planning.
  - 29 \*Clark, S., Gardner, M.M. (2019). National Association of County and City Health Officials (NACCHO) Emergency Preparedness Summit. Disability Inclusion in Preparedness Planning.



- 
- 30 \*Collins, T., Hill, E., Ramsing, R., & Reifschneider, K. (2019). Incorporating family into medical specialty programming: A family perspective. Poster Presentation. National Recreation Parks Association Annual Congress. Baltimore, MD.
- 31 Conner, L., & Murphy, A. (2019). Examining clinical preventive services use among older adults who identify as transgender. 65th CSWE Annual Program Meeting, Denver, CO.
- 32 \*Cooley, S., Long, C., & Soltani, F. (2019). The Impact of Instagram on Nutrition in College Students. 2019 Kentucky Academy of Nutrition and Dietetics (KAND) Conference, Lexington, KY.
- 33 Cox, C.H. & \*Tawasha, I. (2019). "What is a size 12?": A study of jean sizing and consumer assessments. Paper presented at the Costume Society of America Southeastern Region Symposium, Charlotte, NC.
- 34 Cox, C.H. (2019). Collaborations with Kentucky Museum. Presented KY Derby artifacts. Friends Night, Kentucky Museum, Bowling Green, KY.
- 35 Cox, C.H. (2019). Cop-Out fashions: Engaging students in sustainability. Poster. College of Health and Human Services Reach Week, WKU.
- 36 Cox, C.H. (2019). Japanese kimonos. Presented at Bristow Elementary School, Bowling Green, KY.
- 37 Cox, C.H. (2019). Quilts of Love: Creating a Quilt Square. Presented a Webinar. HealthNet, Virginia Beach, VA.
- 38 Cox, C.H. (2019). The Queen Modiste of Bowling Green, Kentucky: Mrs. A.H. (Carrie) Taylor. Paper presented at the Costume Society of America Symposium, Charlotte, NC. Southeastern Region
- 39 Cox, C.H. (2019-2020). Out of the box. Exhibit research on Carrie Taylor, modiste in Bowling Green, KY 1880-1920, Kentucky Museum, Bowling Green, KY.
- 40 Crandall, K.J. & T. Carithers. (2019). A Game-Centered Health Promotion Program to Improve Quality of Life of nursing home residents. Civil Money Penalty Training; Mississippi Division of Medicaid and the Mississippi Department of Health: Jackson, MS.
- 41 Crandall, K.J. (2019). Bingocize®: The Journey from Local Service-Learning Project to Nationally and Internationally-Disseminated Health Promotion Program. Southeast American College of Sports Medicine Lecture Series: University of New Orleans, New Orleans, LA.
- 42 Crandall, K.J. (2019). Development and implementation of Bingocize®: an evidence-based interprofessional program. Academy of Physical Education Wroclaw, Poland.
- 43 Crandall, K.J. (2019). Bingocize: A Game Centered Health Program to Improve Quality of Life. California SNAP-ED Forum. Sacramento, CA.
- 44 Crandall, K.J. (2019). Bingocize: A Game Centered Health Program to Improve Quality of Life. National Association of Activity Professionals, Charleston, SC.
- 45 Crandall, K.J. (2019). Bingocize: A Game Centered Health Promotion Program to Improve Quality of Life. Kentucky Falls and Osteoporosis Summit: Burlington, KY.



- 
- 46 Crandall, K.J. (2019). Bingocize®. University of Iowa Injury Prevention Research Center, Iowa City, IA.
- 47 Crandall, K.J. (2019). Bingocize®: A health promotion tool to increase health education and physical activity of older adults across the spectrum of care. Academy of Physical Education Wroclaw, Poland.
- 48 Crandall, K.J. (2019). Bingocize®: The Journey from Local Service-Learning Project to Nationally and Internationally-Disseminated Health Promotion Program. Southeast American College of Sports Medicine Lecture Series: Mississippi State University, Starkville, MS.
- 49 Crandall, K.J. (2019). Bingocize®: The Journey from Local Service-Learning Project to Nationally and Internationally-Disseminated Health Promotion Program. Southeast American College of Sports Medicine Lecture Series: University of Tennessee-Chattanooga, Chattanooga, TN.
- 50 Crandall, K.J. (2019). Bingocize®: The Journey from Local Service-Learning Project to Nationally and Internationally-Disseminated Health Promotion Program. Southeast American College of Sports Medicine Lecture Series: Western Kentucky University- Bowling Green, KY.
- 51 Crandall, K.J. (2019). Bingocize®: The Journey from Local Service-Learning Project to Nationally and Internationally-Disseminated Health Promotion Program. Texas A & M-San Antonio: San Antonio, TX.
- 52 Crandall, K.J. (2019). Keynote Speaker: Connecting, Engaging, and Changing: Lessons Learned from Bingocize ®. Kentucky Wesleyan College Spring Conference on Active Learning.
- 53 Crandall, K.J. (2019). Results of Krakow study and comparisons to previous research in the US and England. Academy of Physical Education Wroclaw, Poland.
- 54 Crandall, K.J. (2019). Spectrum of older adult care in the USA: Advantages, disadvantages, and comparisons to Poland. Academy of Physical Education Wroclaw, Poland.
- 55 Crandall, K.J., Neils-Strunjas, J., \*Otto, S., & \*Lemberg, G. (2019). Improving university student and community engagement: Lessons learned from Bingocize®. High Impact Practices National Conference. Bowling Green, KY.
- 56 \*Cravens, M., \*Lebryk, E., \*Sullivan, J., Young, S. (2019). Interaction Effects of Whole Body Vibration and LSVT BIG® on Gait and Balance in Parkinson's Disease. Poster Presentation at the APTA 2019 Combined Sections Meeting. Washington, D.C.
- 57 Davis, D.W., Carducci, J.L., Garver, M.J., Stone, W.J., Penumetcha, M., Philipp, N.M... Hopkins, Z.S., (2019). Ability to predict impending volitional exhaustion based on aerobic capacity. Presentation at the American College of Sports Medicine National Annual Meeting.
- 58 Dempsey, C., Larsen, A., Embry, A. & Soltani, F., (2019). A Qualitative Study of School Foodservice Employees' Perceptions of Health and Wellness. 2019 Kentucky Academy of Nutrition and Dietetics (KAND) Conference, Lexington, KY.

- 
- 59 \*Dispennette, K.A., Crandall, K.J., Clark, B., Schafer, M., Shake, M., Macy, G., & Focht, B. (2019). Effects of Bingocize on quality of life and fall risk in community –dwelling older adults. American College of Sports Medicine Conference, Orlando, FL.
- 60 \*Drennan, L. & Weiler, B. (2019) Active versus passive syntax: Movement effects on sentence repetition in children with and without DLD. Poster presented at the Annual Convention of the American-Speech-Language-Hearing Association, Orlando, FL.
- 61 \*Duchette C, Blankenship M, Cade W, Maples JM, Pearson K, Tinius RA. (2019). Obesity and Physical Activity during Pregnancy have Implications for Neonatal Growth and Inflammation. Abstract accepted for research poster presentation, Southeast Regional IDeA Conference in Louisville, KY.
- 62 Duchette C, Blankenship M, Cade W, Maples JM, Pearson K, Tinius RA. (2019). Obesity and Physical Activity during Pregnancy have Implications for Neonatal Growth and Inflammation. Southeast Regional IDeA Conference. Louisville, KY.
- 63 \*Dykes, S., Funk. A., & Crandall K.J. (2019). Efficacy of a game-centered program for increasing physical activity in children: A pilot study. Southeast American College of Sports Medicine Conference.
- 64 Edwards, M.B. & McCreary, A. (2019). Impact of Youth Corps Partnerships on Partner Capacity Plenary Panel at the Conservation Corps Network Annual Conference, Washington, D.C.
- 65 Embry, A., Payne-Emerson, H., Mason, K. (2019). The Evaluation of the Food, Nutrition, and Wellness degree at Western Kentucky University. Oral presentation at Foodservice Systems Management Education Council Bi-annual meeting, Savannah, GA.
- 66 Forsythe, S. A., Mergenthal, R., & Upright, P.A. (2019). Sport Leadership and Management: Utilizing the Birkman Method in the Classroom to Enhance Student Development. North American Society for Sport Management Teaching and Learning Fair, New Orleans, LA.
- 67 Forsythe, S. A., Upright, P. A., & Mergenthal, R. (2019). The impacts of a leadership development tool on a NCAA division I women’s basketball team. Proceedings of the College of Health and Human Services REACH Week. Bowling Green, Ky.
- 68 Forsythe, S. A., Upright, P.A., & Mergenthal, R., (2019). Managing Stress Behaviors: Utilizing the Birkman Method to Develop a Pilot Program for a Division I College Football Program. Applied Sport Management Association Annual Conference, Nashville, TN.
- 69 Funge, S., \*Holderfield-Gaither, E., & Griffiths, A. (2019). Giving Voice to Foster Parents. Poster presentation at the 2019 Western Kentucky University College of Health and Human Services Research Week in Bowling Green, KY.
- 70 Furgal, K.E., Norris, E., \*Adams, S., \*Wade, T, \*Warning, C., \*Mergenthal, R.M. (2019) “Adults with Down Syndrome: Impact of Yoga on Functional Mobility.” American Academy of Pediatric Physical Therapists Annual Conference. Anaheim, CA
- 71 Gabbard, W. J. (2019). Cultural diversity factors in work with the elderly. 2019 Barren River Mental Health and Aging Conference. Bowling Green, KY.

- 
- 72 Gabbard, W. J., & Starks, S. (2019). Effectively teaching diversity and cultural competency in the 21st Century. Tennessee Chapter of National Association of Multicultural Education, Tennessee Tech University in Cookeville, TN.
- 73 Gabbard, W. J., Boggs, K., Milford, J., Onwonga, R., & Washington, D. (2019). College student mental health issues. Concurrent session presented at the 30th Annual Wakonse Conference on College Teaching, Shelby, MI.
- 74 Garrett-Wright, D., Jones, M. S., & Hunt, M. (2019). Benefits and Challenges of Using Community Based Participatory Model in Healthcare Research with Anabaptist Communities. 2019 Amish Health Conference: Addressing the Health Care Concerns of Amish and Plain Communities; Millersburg, OH.
- 75 Garrett-Wright, D., Main, M.E., Jones, S., & Reed, D. (2019). Health Care Provider Understanding of Health Care Beliefs and Preferences in Anabaptist Communities. Amish in America 2019 Conference. Elizabethtown, PA.
- 76 Garrett-Wright, D., Main, M.E., Jones, S., & Reed, D. (2019). Health Care Provider Understanding of Health Care Beliefs and Preferences in Anabaptist Communities. CHHS Research Week; Bowling Green, KY.
- 77 \*Gaskin, C., Wathen, T. & Weiler, B. (2019) Broad target speech recasts in Down Syndrome: What's the evidence? Poster presented at the Annual Convention of the Kentucky Speech-Language-Hearing Association, Lexington, KY.
- 78 \*Gerking, T.J., Neal, W., Schafer, M.A., Winchester, L., & Arnett, S.W. (2019). Effects of Variable Resistance Training on Kinetic and Kinematic Outcomes During a Heavy Conventional Deadlift Exercise. 42nd Annual Conference and Exhibition of the National Strength and Conditioning Association 2019, Washington, DC.
- 79 Green, K. (2019). Cultural Competence and Refugee Health Panelist: Serving the Health and Wellness needs of the Refugee Community. Refugee Health Summit Invited Speaker.
- 80 Green, K. (2019). Examining Parent Education & Support in Infant Feeding & Swallowing. American Speech-Language-Hearing Association National Convention.
- 81 Green, K. (2019). Examining the Impact of Graduate & Post-Graduate Training on SLP Confidence in Addressing Literacy. American Speech-Language-Hearing Association National Convention.
- 82 Green, K. (2019). Investigation of the Social, Educational, and Family Experiences of a Deaf Karenni Refugee Student. American Speech-Language-Hearing Association National Convention.
- 83 Green, K. (2019) Development of Karaton Gaming App to Address Dyslexia in Dutch Speaking School- Aged Children. American Speech-Language-Hearing Association National Convention.
- 84 Green, K. (2019) Working with Culturally and Linguistically Diverse Populations. Kentucky Speech Language and Hearing Region 14/16. Presenter.

- 
- 85 Green, K., Griffiths, A., Jones, J., & \*Maul, R. (2019). Intentional Recruitment & Purposeful Partnerships. Presentation to the College of Health and Human Services at Western Kentucky University, Bowling Green, KY.
- 86 Griffiths, A. & \*Horace, A. (2019). Improving Practice and Policy: Top-down Perspectives on Workforce Retention by Child Welfare Administrators. Child Welfare League of America National Conference in Washington, DC.
- 87 Griffiths, A., & Collins-Camargo, C. (2019). Workload and Job Impact Perceptions as Predictors of Child Welfare Worker Health. Annual Program Meeting of the Council on Social Work Education in Denver, CO.
- 88 Griffiths, A., Desrosiers, P., & May, J. D. (2019). Health? Wellness? A Child Welfare Workforce Views the Impact of Job Stress. National Title IV-E Roundtable Conference in Atlantic City, NJ.
- 89 Griffiths, A., Funge, S. P., \*Gaither-Holderfield, E., & Lane, A. (2019). Giving Voice to Kentucky's Foster Parents. Two Rivers CRP – What Works in Child Welfare: Family First: Solutions & Strategies for Change Conference, Bowling Green, KY.
- 90 Griffiths, A., Funge, S., & \*Holderfield-Gaither, E. (2019). Giving Voice to Kentucky's Foster Parents. Presentation to the Commissioner's Office, Kentucky Department for Community Based Services, Cabinet for Health and Family Services, Frankfort, KY.
- 91 Griffiths, A., Funge, S., \*Holderfield-Gaither, E., & Lane, A. (2019). Giving Voice to Kentucky's Foster Parents. What Works in Child Welfare Conference, Bowling Green, KY.
- 92 \*Grimes, B., \*Quiambao, K., Young, S., Wallmann, H. (2019). The Effects of Whole Body Vibration on the Limits of Stability in 18-29 Year Old Individuals with a Sub-Acute Ankle Injury. Poster Presentation at the APTA 2019 Combined Sections Meeting – Washington, D.C.
- 93 Grise-Owens, E., & Owens, L. W. (2019). Activating a teaching philosophy: Articulating, implementing, evaluating, and re-activating. Council on Social Work Education (CSWE) Annual Program Meeting, Denver, CO.
- 94 Hanson, D. L. (2019). Common Genetic Disorders. Presented at Update for Barren River District Health Department Nurses, Warren County Health Department, KY.
- 95 Hanson, D. L. (2019). Selected Agricultural First Aid Education and Prevention of Injury in an Amish Community. Presented at the 3rd Biennial National Conference on Addressing the Health Care Concerns of Amish, Mennonite, and Plain Communities, sponsored by the Center for Appalachia Research in Cancer Education ("CARE"), Millersburg, OH.
- 96 Haynes-Lawrence, D.J. & \*Soult, N. (2019). The Role of Children's Literature in Understanding, Accepting, and Adjusting to a Parent's Diagnosis of Multiple Sclerosis. National Association for the Education of Young Children (NAEYC) National Conference.
- 97 Hill, E., Leary, A., Ramsing, R., & \*Ahl, P. (2019). Bigfoot inspires youth: Preparing staff to teach "Leave No Trace" in urban program environments. National Recreation Parks Association Annual Congress. Baltimore, MD.

- 
- 98 Hoffie, O., & Carter, A. & Soltani, F., (2019). How Insurance is Affecting Pre-Diabetes Education? 2019 Kentucky Academy of Nutrition and Dietetics (KAND) Conference, Lexington, KY.
- 99 \*Holderfield-Gaither, E., Funge, S., & Griffiths, A. (2019). Giving Voice to Kentucky's Foster Parents. 49th Annual Western Kentucky University REACH Student Research Conference in Bowling Green, KY.
- 100 \*Horace, A., Griffiths, A., & Gabbard, W. J. (2019). Completing the conversation: Child welfare administrator perspectives on workforce retention. WKU CHHS Research Week. Bowling Green, KY.
- 101 \*Horace, A., Griffiths, A., & Gabbard, W. (2019). Completing the Conversation: Child Welfare Administrator Perspectives on Workforce Retention. Oral presentation at the 49th Annual Western Kentucky University REACH Student Research Conference in Bowling Green, KY.
- 102 \*Ibekwe, O., Taylor, R.D., Mkanta, M. (2019). Evaluation of water fountains for secondary contamination: How safe is the quality of drinking water on-campus? APHA 2019, Annual Meeting and Expo. American Public Health Association. Philadelphia, PA.
- 103 Jackson, A.J., Morris, C.E., Winchester, L.J., & Arnett, S.W. (2019). Comparing physical fitness in career vs. voluntary firefighters. 2019 meeting of the Southeast Chapter of the American College of Sports Medicine, Greenville, SC.
- 104 Joshi, A., Seelam, S. & Lartey, G. (2019). Musculoskeletal Disorders: An Occupational Hazard among Dentists. 71st Annual Kentucky Public Health Association Conference, Covington, KY.
- 105 Joshi, A., Seelam, S. & Lartey, G. (2019). Musculoskeletal Disorders: An Occupational Hazard among Dentists. WKU Student Research Conference, Bowling Green, KY.
- 106 \*Khatoon, Rukhaiya, Colin Farrell, Marilyn Gardner. (2019). Impact of PTSD Symptoms on Suicidal Ideation in EMS workers. Kentucky Public Health Association, 20th Annual Conference. Covington, KY.
- 107 \*Khatoon, Rukhaiya, Farrell, Colin, Gardner, M.M. (2019). Impact of PTSD Symptoms on Suicidal Ideation in EMS workers. WKU Student Research Conference. Bowling Green, KY.
- 108 Kerby, M. & Mallinger, G. (2019). Learning by doing: Deliberative dialogue as an interdisciplinary tool for civic literacy, 2019 Civic Learning and Democratic Engagement Conference (CLDE). Ft. Lauderdale, FL.
- 109 Kim, J., Lin, M., & Soltani, F. (2019). Common Dietary Trends Among Freshmen, Sophomores, Juniors, and Seniors of the College Years. 2019 Kentucky Academy of Nutrition and Dietetics (KAND) Conference, Lexington, KY.
- 110 Kim, S. (2019). "Brand Authenticity, Consumer Brand Engagement, and Relational Outcomes: A Study in the Restaurant Industry" 5th World Research Summit for Hospitality and Tourism. Orlando, FL.
- 111 Kim, S., Bilgihan, A., & Kandampully, J. (2019). "Use and impact of online consumer reviews: An application of Online Social Network Framework" CHHS Research Week, Western Kentucky University.



- 
- 112 Link, K., Garrett-Wright, D., & Jones, S. (2019). The Burden of Suicide on Farm Family Members. International Society for Agricultural Health & Safety Annual Conference; Des Moines, IA.
- 113 \*Lebryk, E., \*Sullivan, J., \*Cravens, M., Young, S. (2019) Interaction Effects of Whole Body Vibration and LSVT BIG® on Gait and Balance in Parkinson's Disease. WKU REACH Conference.
- 114 Lockwood, S., McCreary, A., Edwards, M.B., & Seekamp, E. (2019). Land Managers' Perceptions of the Contributions of Conservation Corps Partnerships. Paper presented at the Southeastern Recreation Research conference. Athens, GA.
- 115 Logsdon, S., Branstetter, M., & Main, E. (2019). Perceived health status in rural manufacturing workers. Poster presentation Kentucky Coalition of Nurse Practitioners and Nurse Midwives annual conference. Covington, KY.
- 116 \*Loughry, M. & Stenger-Ramsey, T. (2019). Navigating state licensure requirements for challenge courses and climbing walls. Association of Outdoor Recreation and Education/Association of Experiential Education joint conference, Spokane, WA.
- 117 Main, M. E., Garrett-Wright, D., Jones, M. S., Hunt, M. (2019). Thematic Analysis of Selected Health Promotion Topics in an Old Order Mennonite Community Using the Community-Based Participatory Research Model. Amish in America 2019 Conference; Elizabethtown, PA.
- 118 Mallinger, G. & Kerby, M. (2019). Information and civic literacy in BSW curricula: Prerequisites for effective advocacy. Baccalaureate Program Directors' (BPD) Annual Meeting, Jacksonville, FL.
- 119 McCarley, C., Tinius, R, Fortner, K., Blankenship, M. Maples, J. (2019). The role of metabolic flexibility in human breast milk lipid composition. American College of Obstetrics and Gynecology, District VII, New Orleans, LA
- 120 McCreary, A. & Seekamp, E. (2019). Stakeholder priorities for climate adaptation of cultural resources. Paper presented at the Southeastern Recreation Research Symposium, Athens, GA
- 121 McCreary, A. & Seekamp, E. (2019). Stakeholder priorities for climate adaptation of cultural resources. Paper presented at the Southeastern Recreation Research Symposium, Athens, GA.
- 122 McCreary, A.; Davenport, M.A.; Katz, K.; Seekamp, E. (2019). From the ground up: Incorporating place values into the traditional climate adaptation vulnerability assessment. Paper presented at the International Symposium on Society and Resource Management, Oshkosh, WI.
- 123 \*Menke B, \*Edens K, Esslinger K, Maples JM, Tinius RA. (2019). Does Physical Activity during Late Pregnancy Impact Infant Body Composition at Birth? Abstract accepted for research poster presentation, Southeast Regional IDeA Conference in Louisville, KY.
- 124 Morris, C.E., Arnett, S.W., Jackson, A.J., & Winchester, L.J. (2019). Comparing physical fitness in career vs. voluntary firefighters. Annual Meeting of the American College of Sports Medicine, Orlando, FL.

- 
- 125 Myers, B. (2019). Technology and Innovative Games in Health and PE. Owensboro and Daviess County Fall 2019 Professional Development, September 27, Owensboro High School. (Invited Presentation)
- 126 Myers, B. (2019). The Relationship Between Physical Activity Levels of College Students and their High School Physical Education. 2019 KAHPERD Fall Convention, Louisville, KY.
- 127 Owens, L. W., Grise-Owens, E., & Miller, J. (2019). Activating a teaching philosophy: Articulating, implementing, evaluating, and re-activating. The Teaching Professor Conference, New Orleans, LA.
- 128 Patel, K. & Lartey, G. (2019). Skin Cancer: A Major Concern in the U.S. 71st Annual Kentucky Public Health Association Conference, Covington, KY.
- 129 \*Payne, J., Abell, C. H., & Main, E. (2019). Examining the effect of an educational intervention on nurses' knowledge and attitudes regarding obstructive sleep apnea. Podium presentation: Western Kentucky Heart & Lung Research Foundation, Bowling Green, KY.
- 130 \*Payne, J., Main, M. E. & Blankenship, M. (2019). An Educational Intervention to Increase Identification of Skin Cancers by Student Barbers. Poster presentation at Kappa Theta Annual Research Day, Sigma Theta Tau International. Bowling Green, KY.
- 131 Pendley Sterchi, A., & Weiler, B. (2019) PECS vs. Sign language in nonverbal children: Evaluating the evidence. Poster presented at the Annual Convention of the Kentucky Speech-Language-Hearing Association, Lexington, KY.
- 132 Perry, A., Dublinski, L., & Soltani, F., (2019). Reception of Nutrition Information in College Students Through Podcasting. 2019 Kentucky Academy of Nutrition and Dietetics (KAND) Conference, Lexington, KY.
- 133 Ramsing, R., & Hill, E. (2019). Unraveling the Grant Writing Puzzle: Connecting Dreams with Resources. National Recreation Parks Association Annual Congress. Baltimore, MD.
- 134 Renziehausen, J., Rivera, P., Baker, K., Leahy, N., & Garcia, J. Physical Activity and Sleep Quality in Youth with Autism Spectrum Disorder. 2019 Southeast ACSM Regional Conference. Greenville, SC.
- 135 Renziehausen, J., Rivera, P., Baker, K., Leahy, N., & Garcia, J. Physical Activity, Sleep, and Stereotypic Behaviors in Youth with Autism Spectrum Disorder. 2019 ACSM Annual Conference. Orlando, FL.
- 136 Riedinger, C., Tinius, R, Blankenship, M., Zite, N., Maples, J. (2019). Among women in a rural setting, overweight women are more likely to exceed recommended gestational weight gain. American College of Obstetrics and Gynecology, District VII, New Orleans, LA.
- 137 Rivera, P., Renziehausen, J., Baker, K., Leahy, N., & Garcia, J. The Examination of Judo on Physical Activity and Sleep in Children with Autism Spectrum Disorder. 2019 Southeast ACSM Regional Conference. Greenville, SC.



- 
- 138 Rivera, P., Renziehausen, J., Baker, K., Leahy, N., Garcia, J., & Xu, L. The Examination of Judo on Physical Activity and Sleep in Children with Autism Spectrum Disorder. 2019 ACSM Annual Conference. Orlando, FL.
- 139 \*Schoenbaechler, J., & Weiler, B. (2019) Evaluating the evidence for the efficacy of PECS on verbal communication. Poster presented at the Annual Convention of the Kentucky Speech-Language-Hearing Association, Lexington, KY.
- 140 \*Shifflett, T., \*Nisbet, D., \*Saunders, B., \*Driver, C., Young, S. (2019). Reliability of the Modified Clinical Test of Sensory Interaction on Balance Using a Virtual Balance Device. WKU REACH Conference.
- 141 Sikora, D. (2019) True Colors for Teachers, Presentation for KACTE Leadership Institute, Bowling Green, KY.
- 142 Sikora, D. (2019) Using Strength Finders to Facilitate Teacher Leadership, Workshop for KACTE Leadership Academy Bowling Green, KY.
- 143 Sikora, D. (2019). Building Relationships and Developing Excellence in the Classroom, Workshop at the Hawaii International Conference on Education, Honolulu, HI.
- 144 Smith, M. (2019). Bridge To Faith & Wellness: A Neighborhood Outreach Project. Kentucky Public Health Association Annual Meeting. Covington, KY.
- 145 Smith, M. (2019). Bridge To Faith & Wellness: A Neighborhood Outreach Project. Sigma Kappa Theta Chapter 21st Annual Research Day. Bowling Green, KY.
- 146 Smith, M. (2019). Bridge To Faith & Wellness: Neighborhood Outreach Project. Ohio University Serving the Underserved: An Evidence-Based Practice and Nursing Research Conference. Plenary Session Podium Presentation.
- 147 Smith, M. (2019). Outcomes Specialist Continuing Education and Orientation Launch Title: Improving Healthcare Outcomes: Essential Effective Communication. Med Center Health/The Medical Center. Bowling Green, KY.
- 148 Stone, W.J., Wakeman, A.J., Younkin, B.A., Davis, D.W., Garver, M.J., Strohmeyer, H.S., (2019). Should We Stick with Step Counts after Incomplete Spinal Cord Injury? A Case-Control Investigation. Presentation at the American College of Sports Medicine National Annual Meeting.
- 149 Stone, W.J., Wakeman, A.J., Younkin, B.A., Davis, D.W., Garver, M.J., Strohmeyer, H.S., (2019). Should We Stick with Step Counts after Incomplete Spinal Cord Injury? A Case-Control Investigation. Presentation at the Graduate Education and Research's Graduate Scholars Symposium, University of Central Missouri.
- 150 Sturgeon, L., Lartey, G., & Garrett-Wright, D. (2019). Complementary, Alternative, and Integrative Therapies: Implications for School Nurses. Presented at Sigma Theta Tau International Honor Society of Nursing, Washington, D.C.

- 
- 151 Taylor, J., Dolan, A., Piatt, J., & Crandall, K.J. (2019). Evaluation of FUNctional Movement: A supplemental facilitator training to complement the Bingocize® health promotion program. Indiana University-Bloomington School of Public Health Research Day. Bloomington, IN.
- 152 Taylor, R.D. & \*Gilbert, W. (2019). Watershed Health in the Mansker Creek Watershed: Turbidity and Habitat Assessment Studies. Goodlettsville Stormwater Management Council. City of Goodlettsville, TN. City Hall, Goodlettsville, TN.
- 153 Taylor, R.D. & Basham, J.R. (2019). Assessment of Diesel Particulate Matter in City of Bowling Green Fire Stations. City of Bowling Green, KY. Fire Administration Building. Bowling Green, KY.
- 154 Tinius RA., \*Edens K., \*Pitts B., \*Yoho K., Maples JM, Lyons TS, Link K., Jones MS., Pearson KJ. (2019). Effects of evidence-based materials and local resources on knowledge/beliefs and physical activity levels during pregnancy. National American College of Sports Medicine. Orlando, FL.
- 155 Tinius, R.A., \*Edens, K., Maples, J.M., Cade, W., Pearson, K. (2019). Effects of Evidence-Based Materials and Access to Local Resources on Physical Activity during Pregnancy in a Rural Setting. Abstract accepted for research poster presentation, Southeast Regional IDeA Conference in Louisville, KY.
- 156 Turner, L., Myers, B. (2019). Health Related Fitness: Do It Daily, health and fitness instant activities for the K-12 educator. Louisville, KY.
- 157 Vagedes, R., Casapulla, S., Webb, E., & Basta, T. (2019). Assessment of HIV-related knowledge and stigma in urban and rural communities in Ecuador. American Public Health Association Annual Meeting, Philadelphia, PA.
- 158 Wakeman, A.J., Stone, W.J., Younkin, B.A., Davis, D.W., Garver, M.J., Strohmeyer, H.S., (2019). Case-Control Investigation of Speed and Gait after an Incomplete Spinal Cord Injury. Presentation at the American College of Sports Medicine National Annual Meeting.
- 159 Weiler, B. (2019). Screening the Language Skills of Kindergarten Children. Poster presented at the Southeast Regional IDeA Conference, Louisville, KY.
- 160 Wilson, T.K. (2019) Interior Designers Educators Council, Eliel Saarinen: Father of Modern Architectural Education. Grand Rapids, Michigan.
- 161 Wilson, T.K. (2019) Society of Architectural Historians, Eliel Saarinen: Father of Modern Architecture Providence, Rhode Island.
- 162 \*Woods, S., Garrett-Wright, D., & Main, M. E. (2019). Impact of depression on type 2 diabetics in southern Appalachia. Kentucky Association of Nurse Practitioners and Nurse Midwives Annual Conference.
- 163 \*Youngquist, C., \*McNeil, E., \*Raymer, C., Young, S. (2019). Immediate Effects of Low Frequency Whole Body Vibration on Dynamic Balance in Individuals with Parkinson's Disease. WKU REACH Conference.

---

164 \*Zimmerman, J., Main, M. E. & Blankenship, M. (2019). Team Nursing to Increase Nursing Retention in the Emergency Department. Poster presentation at Kappa Theta Annual Research Day, Sigma Theta Tau International. Bowling Green, KY.

## Publications

*Calendar Year 2019*

*\*denotes student author*

- 1 Abell, C. H., & Blankenship, M. M., (2019). Introducing a health ministry in a rural American Church, *Journal of Christian Nursing*. Published Ahead of Print. doi: 10.1097/CNJ.0000000000000641
- 2 Abell, C. H., Main, M. E., Blankenship, M. M., & Watkins, S. R. (2019). Osteoporosis education: Success in a community setting. *International Journal of Faith Community Nursing*, 5(1).
- 3 Adedoyin, A. C., Moore, S. E., Robinson, M. A., Clayton, D. M., Boamah D. A. & Harmon, D. K. (2019). The dehumanization of Black males by police: Teaching social justice—Black life really does matter! *Journal of Teaching in Social Work*, (39) 2, 111-131.
- 4 \*Allen, A., Hill, E., \*Smith, E, Ramsing, R. (2019). Medical specialty camps: Campers perceptions using the ACA youth outcomes battery. 2019 American Camp Association Research Forum Abstracts (pp. 6-8). Retrieved from <https://www.acacamps.org/resource-library/research/aca-research-forum>.
- 5 \*Alvis, M., Morris, C.E., \*Gerrard, T.L., \*Hughes, A.G., \*Hunt, L., \*Koester, M.M., Tinius, R.A. (2019). Evidence-Based Educational Brochures Influenced Beliefs and Improved Knowledge Regarding the Benefits of Exercise during Pregnancy. *Int J Exerc Sci* 12(3): 581-589.
- 6 \*Bass, P., Yu, W.Y., Sanyang, E., Lin, M.R. (2019). Risk Factors for Recurrent Injuries from Physical Violence Among African Men in The Gambia. *J Community Health*. doi: 10.1007/s10900-019-00625-w. PubMed PMID: 30758763.
- 7 Blankenship, M. M., Abell, C. H., Main, M. E., & Vickous, K. E. Y. (2019). Nursing alumni: Continuing education preferences. *International Journal of Faith Community Nursing*, 5 (1), article 2. Retrieved from <https://digitalcommons.wku.edu/ijfcn/vol5/iss1/2/>.
- 8 Clayton KD, Chumbler NR, Clark N, Young SN, Willis J. Patient-selected music rhythmically paired with in-patient rehabilitation: A case report on an individual with acute stroke. *Physiotherapy Theory and Practice: An International Journal of Physical Therapy*. DOI: 10.1080/09593985.2019.1628137. June 2019.
- 9 Crandall, K.J., Neils-Strunjas, J. (2019). A game-based health program for improving functional health and social engagement in long-term care residents. *Journal of Aging and Long-Term Care* <https://dx.doi.org/10.5505/jaltc.2019.29392>
- 10 Crandall, K.J., Shake, M., Ziegler, U. (2019). Bingocize®: Assessing the impact of a game centered mobile app on older adults' health activation. *OBM Integrative and Complementary Medicine*, 4(3):12; DOI: 10.21926/obm.icm.1903041.

- 
- 11 \*DeBord, L., Branstetter, M., & Smith, L. (2019). Working Nursing Students Willing to Seek Psychological Services. *Psychiatric Quarterly*, <https://doi.org/10.1007/s11126-018-9622-3>
- 12 Desrosiers, P. & Kim, S. (2019). Academics and nonprofits: Collaborative partnering for evidence-informed practice. *Journal of Nonprofit Education and Leadership*, 9(3), 258-269. DOI: 10.18666/JNEL-2019-V9-I3-9544
- 13 Ding, X., Charnigo, R., Schmitt, F., Kryscio, R., Abner, E. (2019). Evaluating trajectories of episodic memory in normal cognition and mild cognitive impairment: Results from ADNI. *PLoS One*. 2019 Feb 25; 14(2): e0212435. doi: 10.1371/journal.pone.0212435.
- 14 \*Dispennette, Alyssa K.; Schafer, Mark A.; Shake, Matthew; \*Clark, Brian; Vanover, Steven; Macy, Gretchen B.; and Crandall, K. Jason J. (2019). "Effects of a Game-Centered Health Promotion Program on Fall Risk, Health Knowledge, and Quality of Life in Community-Dwelling Older Adults," *International Journal of Exercise Science*: Vol. 12: Iss. 4, Pages 1149 - 1160. Available at: <https://digitalcommons.wku.edu/ijes/vol12/iss4/17>
- 15 Dobbs, W.C., Tolusso, D.V., Fedewa, M.V., Esco, M.R. (2019). Effect of Post Activation Potentiation on Explosive Vertical Jump: A Systematic Review and Meta-Analysis. *Journal of Strength and Conditioning Research*, 33(7), 2009-2018.
- 16 \*Ejike, C., Capps, R., Lartey, G. & Ciochetty, D. (2019). Health-Seeking Behavioral Patterns among Refugee Groups: A Case-Study in Southcentral Kentucky. *Journal of Refugee and Global Health*, 2(2), 1-5.
- 17 Fang, Y., & Cho, S. (2019). Design optimization of building geometry and fenestration for daylighting and energy performance. *Solar Energy*, 191, 7-18.
- 18 Farrell, C. Thomas, \*Zaiba Moledina, Madhuri Katta. (2019). "Suicidal Thoughts in Low-Income Adolescents: A Longitudinal Analysis." *International Journal of Public Health* (2019), 64(2), 285-292. <http://dx.doi.org/10.1007/s00038-019-01201-8>
- 19 Forsythe, S. A., Upright, P. A., \*Mergenthal, R., & Jordan, T. A. (2019). The Impacts of a Head Coaching Change on Intercollegiate Student-Athletes. *KAHPERD Journal*, 56(2), 73-85.
- 20 Funge, S. P., Sullivan, D. J., Owens, L. W., & Harper, W. (2019). Branch campuses: Extending the reach of social work education. *Journal of Social Work Education*, 55(2), 265-279. <https://doi.org/10.1080/10437797.2018.1526727>
- 21 Furgal K, Payonk E, Rowland E, Norris E. Motor imagery techniques and motor performance in children in Piaget's pre-operational phase. Abstracts of the Academy of Pediatric Physical Therapy Poster Presentations at the Combined Sections Meeting. *Pediatric Physical Therapy*: January 2019- Volume 31-Issue 1- p E31-E69. Doi: 10.1097/PEP.0000000000000581.
- 22 Furgal KE, Menke B. (2019) Role of a Physical Therapist in an Inclusive Physical Education Classroom. *Strategies* (DOI: 10.1080/08924562.2019.1637183).
- 23 Garrett-Wright, D., Lartey, G., & Sturgeon, L. (2019). Kentucky school nurse knowledge of and attitudes toward complementary, alternative and integrative therapies. *Kentucky Nurse*, 6(1), 12-13.

- 
- 24 Green, K. (2019). The Road to Cultural Competence: The value of addressing cultural awareness among communication sciences and disorders students and faculty. *eHearsay* (9)2
- 25 Green, K. J., \*Calvino, S. R., Bland, L., & Smith, J. C. (2019). Discussion of academic and professional literacy training in speech language pathology. *eHearsay: Electronic Journal of the Ohio Speech-Language Hearing Association*, 9, (2), 53-56.
- 26 Griffiths, A., & Royse, D, Murphy, A.L., & Starks, S. (2019). Self-care practice in social work education: A systematic review of interventions. *Journal of Social Work Education*, 55(1), 102-114.
- 27 Griffiths, A., Desrosiers, P., Gabbard, J., Royse, D., & Piescher, K. (2019). Retention of child welfare caseworkers: The wisdom of supervisors. *Child Welfare*, 97(3), 61-83
- 28 Griffiths, A., Harper, W., Desrosiers, P., Murphy, A. & Royse, D. (2019). "The stress is indescribable": self-reported health implications from child welfare supervisors. *The Clinical Supervisor*. DOI: 10.1080/07325223.2019.1643433
- 29 Griffiths, A., Harper, W., Desrosiers, P., Murphy, A. & Royse, D. (2019). Factors Influencing the Turnover of Frontline Public Child Welfare Supervisors. *Journal of Public Child Welfare*. <https://www.tandfonline.com/doi/full/10.1080/15548732.2019.1652719>.
- 30 Hagan, C., Poff, R., \*Schu, B., Stenger-Ramsey, T., & Ramsing, R. (2019). Youth introduction to fishing and participation in Kentucky high school bass fishing. *Kentucky Association for Health, Physical Education, Recreation and Dance*, 57(1), 16-29.
- 31 Haughtigan, K., House, S., & Main, E.M. (2019). Improving Skin Cancer Knowledge and Awareness in Cosmetology Students. *The Journal of the Dermatology Nurses' Association*.
- 32 Haynes-Lawrence, D.J. (2019). *Along Came Jae: A Conversation about Service Dogs for People with MS*. A children's book. Published by the MS Foundation.
- 33 Haynes-Lawrence, D.J. (2019). Asking for Accommodations: How I Adjusted. *MS Focus*, 21(1), 32-33.
- 34 Haynes-Lawrence, D.J., \*Soult, N. West, A.R., & Lawrence, S.J. (2019). Una Conversación Sobre La Esclerosis Múltiple: Escupitajo de Mono. *La Fundación de la Esclerosis Múltiple*.
- 35 Hildreth, A., Poff, R., Knackmuhs, E., Schu, B., & Gardner, L. (2019). Fly fishing: One approach to assisting veterans. *Kentucky SHAPE Journal*, 57(1), 30-36.
- 36 \*Holderfield-Gaither, E., Starks, S.H., Mkanta, W, (2019). Project Rafiki: Consumer and Provider Perspectives on Food Assistance and the Impact on Quality of Life for Individuals living with HIV/AIDS. *Contemporary Rural Social Work Journal*.
- 37 Hwang, J., R. Taylor, C. Cann, P. Norris, and V. Golla. (2019). Evaluation of accumulated polycyclic aromatic hydrocarbons and asbestiform fibers on firefighter vehicles: Pilot Study. *Fire Technology*. March 30, 2019. <https://doi.org/10.1007/s10694-019-00851-7>.
- 38 Hwang, J., R. Taylor, C. Cann, V. Golla, \*W. Gilbert. (2019). Assessment of ambient air diesel particulates in fire departments using different exposure metrics: Pilot Study. *Fire Safety Journal*. 106 (2019): 155-162. <https://doi.org/10.1016/j.firesaf.2019.04.005>.



- 
- 39 Hwang, J., R. Taylor, G. Macy, C. Cann, and V. Golla. (2019). Comparison of Use, storage, and cleaning practices for personal protective equipment between career and volunteer firefighters in Northwestern Kentucky in the United States. *Journal of Environmental Health*. 82(5):8-14.
- 40 Hwang, J., Taylor, R., Macy, G., Cann, C., Golla, V. (2019). "Comparison of Use, Storage, and Cleaning Practices for Personal Protective Equipment Between Career and Volunteer Firefighters in Northwestern Kentucky in the U.S." *Journal of Environmental Health*, 82 (5); 10-14.
- 41 Jones, Neena, W. (2019). *Simulated Clinical Experience: An Investigation of Emotion Understanding and Management*; ProQuestDissertations Publishing, Dissertation number 27539624
- 42 Jordan, T., Gibson, F., Stinnett, B., & Howard, D. (2019). Stakeholder engagement in event planning: A case study of one rural community's process. *Event Management*, 23(1), 61-74.
- 43 Jordan, T., Upright, P. & Forsythe, S. A. (2019). Rural Kentucky sports officials' perspectives on recruitment, training, and retention. *KAHPERD Journal*, 55(2), 59-72.
- 44 Kim, S., Canfield, J., Desrosiers, P., & Harley, D. Hunn, V. (2019). Embracing inclusive excellence: Asian and Asian American College Students. *Journal of Human Behavior in the Social Environment*, DOI: 10.1080/10911359.2019.1647907.
- 45 Kim, S., Kandampully, J., & Lehto, X. Y. (2019) "The role of familiarity in consumer destination imageformation", *Tourism Review* 74(4), pp. 885-901. [SSCI Journal, Impact factor: 1.060]
- 46 Kingori, C., Darlington, K.A., Basta, T., & Kuhlman, J. (2019). Pregnancy expectations and experiences among Women in Southeast Ohio: Implications for Practice. *Ohio Journal of Public Health*, 2(1), 1-6. \*
- 47 Kleinhans, K., Bland, L., & Dressler, R. (2019). Reflections on changing pedagogy in AAC. *Kentucky Journal of Excellence in College Teaching and Learning*, 16, 78-88.
- 48 Knackmuhs, E., Farmer, J. R., & Knapp, D. (2019). The relationship between narratives, wildlife value orientations, attitudes, and policy preferences. *Society & Natural Resources*. <https://doi.org/10.1080/08941920.2018.1517916>.
- 49 Lartey, G., Garrett-Wright, D., & Sturgeon, L., \*Kabir, U. Y. & \*Eagle, S. (2019). A Survey of School Nurses' Perceptions of Complementary, Alternative and Integrative Therapies. *Journal of School Nursing*, 35(4), 256-261. Online: <https://doi: 10.1177/1059840518770521>
- 50 Lima, P.S., de Campos, A.S., de Faria Neto, O., Ferreira, T.C.A., Amorim, C.E.N., Stone, W.J., Prestes, J., Garcia, A.M.C., Urtado, C.B. (2019). Effects of Combined Resistance Plus Aerobic Training on Body Composition, Muscle Strength, Aerobic Capacity, and Renal Function in Kidney Transplantation Subjects. *Journal of Strength and Conditioning Research*, published online ahead of press.
- 51 Link, K. A., Haughtigan, K. S., & Garrett-Wright, D. (2019). Using a poverty simulation exercise in mental health nursing. *Nursing Education Perspectives*, 40(3), 165-167. doi: 10.1097/01.NEP.0000000000000360

- 
- 52 Link, K., Tinius, R.A., Maples, J.M., Logdson, C.M. (2019). Self-Efficacy and Postpartum Depression Teaching by Perinatal Nurses in a Rural Setting: A Replication Study. 2019. *Journal of Perinatal Education*. 2019 Oct 1;28(4):190-198. doi: 10.1891/1058-1243.28.4.190. P
- 53 Macy, G.B., J. Hwang, R. Taylor, V. Golla, C. Cann, and \*B. Gates. (2019). Examining Behaviors related to retirement, cleaning, and storage of turnout gear among rural firefighters. *Workplace Health and Safety*. November 18, 2019. <https://doi.org/10.1177/2165079919882951>.
- 54 McCreary, A., Seekamp, E., Davenport, M. A., & Smith, J. W. (2019). Exploring qualitative applications of social media data for place-based assessments in destination planning. *Current Issues in Tourism*, 1-17.
- 55 McCreary, A., Seekamp, E., Larson, L.L., Smith, J.W.; & Davenport, M.A. (2019). Predictors of visitors' climate-related coping behaviors in a nature-based tourism destination. *Journal of Outdoor Recreation and Tourism*, 26, 23-33.
- 56 Miller, J., Cooley, M., Owens, L. W., Fletcher, J. D., & Moody, S. (2019). Self-care practices among foster parents: An exploratory study. *Child and Youth Services Review*, 98(3), 206-212.
- 57 Morehead, C. & Stinnett, B. (2019). Planning for security for sport facilities. In T. Sawyer (Ed.), *Facility planning and design for health, physical activity, recreation, and sport*, 14th ed.
- 58 Morris, Cody E., \*Wessel, Paige A., Tinius, Rachel A., Schafer, Mark A., Maples, Jill M. (2019). Validity of Activity Trackers in Estimating Energy Expenditure During High-Intensity Functional Training, *Research Quarterly for Exercise and Sport*, 90:3, 377-384, DOI: 10.1080/02701367.2019.1603989
- 59 Navalta, J.W., Lyons, T.S., Stone, W.J. (2019). Introducing a Practitioner-Focused Publication in Exercise Science and Kinesiology. *Scholarship in Kinesiology* 1(1): Article 1.
- 60 Navalta, J.W., Stone, W.J., Lyons, T.S. (2019). Ethical Issues Relating to Scientific Discovery in Exercise Science. *International Journal of Exercise Science*. 12(1), 1-8.
- 61 Neves, R.V.P., Rosa, T.S., Souza, M.K., Oliveira, A.J.C., Gomes, G.N.S., ... Stone, W.J. (2019). Dynamic, Not Isometric Resistance Training Improves Immunometabolism and Muscle Function in Rats. *Frontiers Physiology*, 10, Article 4, 1-14.
- 62 Peterson, T., Scott, C., \*Ombayo, B., Davis, T., & Sullivan, D. J. (2019). Teachers' biggest concerns about students in grandparent-headed households. *Children and Youth Services Review*, 102, 201-209.
- 63 \*Pitta, R.M., de Sá Pinto Montenegro, C.G., Luksevicius, R., Bocalini, R.D.S., Tibana, R.A., Prestes, J., Stone, W.J., Figueira Jr, A.J. (2019) Comparison of the Effects of Linear and Non-Linear Resistance Training Periodization on Morphofunctional Capacity of Subjects with Different Fitness Levels: A Systematic Review. *International Journal of Exercise Science*, 12(4), 666-690.
- 64 Royse, D. & Griffiths, A. (2019). *Child welfare and child protection: An introduction*. San Diego, CA: Cognella Academic Publishing.



- 
- 65 Schafer, M., \*Alvis, M., Morris, C.E., Gerrard, T., \*Hughes, A., \*Hunt, L., \*Koester, M., \*Yocum, I., Tinius, R. (2019). Evidence- based educational brochures influenced knowledge regarding the benefits of exercise during pregnancy. *Med Sci Spor Exer.* 2019 - 51(5): S765.
- 66 Seekamp, E., Fatorić, S., and McCreary, A. (2019). Informing plans for managing resources of Cape Lookout National Seashore under projected climate change, sea level rise, and associated impacts: Stakeholder studies synthesis report. Natural Resource Report NPS/CALO/NRR—2019/1863. National Park Service, Fort Collins, Colorado.
- 67 Seekamp, E., Post van der Burg, M., Fatorić, S., Eaton, M.J., Xiao, X., and McCreary, A. (2019). Optimizing historical preservation under climate change— An overview of the optimal preservation model and pilot testing at Cape Lookout National Seashore: U.S. Geological Survey Open-File Report 2018–1180, 46 p., <https://doi.org/10.3133/ofr20181180>
- 68 Siegrist, B. E. & Underwood, T. (2019). Family health (7th Ed), in *Community Public Health Nursing: Promoting the Health of Populations*, 5th Ed.
- 69 Siegrist, B.E. (2019). Parish Health, in Neis & McEwen (eEd). *Community Public Health Nursing: Promoting the Health of Populations*, 5th Ed. Philadelphia: WB Saunders.
- 0 Smith, Lynette, Jo Shackelford, C. Thomas Farrell, Jean Neils-Strunjas. (2019). “Interrelationships Among Resilience, PTSD, TBI, Depression, and Academic Outcomes in Student Military Veterans” *Journal of Psychosocial Nursing and Mental Health Services* (2019), 57(2), 35-43. <http://dx.doi.org/10.3928/02793695-20180924-02>
- 71 Snarr, R.L., Tolusso, D.V., Hallmark, A.V., Esco, M.R. (2019). Comparison of Lactate and Electromyographical Thresholds after an Exercise Bout. *Journal of Strength and Conditioning Research*, 33(12),3322-3331.
- 72 Song, Q., Yang, Y., Doan, S., & Wang, Q. (2019). Savoring or dampening? Maternal reactions to children’s positive emotions in cultural contexts. *Culture & Brain*. <https://doi.org/10.1007/s40167-019-00080-3>
- 73 \*Statnam, A., V. Golla, \*S.J. Vasa, R.D. Taylor. (2019). Exposure to computer work and prevalence of musculoskeletal symptoms among university employees: a cross-sectional study. *Journal of Environmental Health*. 81(7):14-19.
- 74 Stenger-Ramsey, T. L. & \*Matthews, J. (June 2019). Visitor Use at Weldon Peete Park and the Low Hollow Trail. Technical Report for Bowling Green Parks & Recreation, Warren County Parks & Recreation and Bowling Green Riverfront Foundation.
- 75 Stinnett, B., Lasley, S., & \*Knight, J. (2019). Stakeholder evaluation of the policy effects of university decisions regarding athletics. *The Sport Journal* (20).
- 76 Tinius, R.A., Blankenship, M., Furgal, K., Norris, B., Lambert, J., Maples, J.M., Pearson, K.J., Cade, W.T. (2019). The YMCA cycle test and 6-minute walk test are not accurate predictors of peak cardiorespiratory fitness during mid pregnancy. *Journal of Strength and Conditioning Research*. 2019. doi: 10.1519/JSC.0000000000003263.

- 
- 77 \*Trindade, T.B., Prestes, J., Neto, L.O., Medeiros, R.M.V., Tibana, R.A., de Sousa, N.M., Santana, E.E., Cabral, B.G., Stone, W.J., Dantas, P.M.S. (2019) Effects of Pre-exhaustion versus Traditional Resistance Training on Training Volume, Maximal Strength, and Quadriceps Hypertrophy. *Frontiers in Physiology*, 10:1424.
- 78 Wallmann HW, Bell DL, \*Evans BL, \*Hyman AA, \*Goss GK, \*Paicely AM. The effects of whole body vibration on vertical jump, power, balance, and agility in untrained adults. *The International Journal of Sports Physical Therapy*. 14(1):55-64, 2019.
- 79 Wang, Q., Koh, J. B. K., Santacrose, D., Song, Q., Zoe Klemfuss, J., & Doan, S. N. (2019). Child-centered memory conversations facilitates children's episodic thinking: A prospective training study. *Cognitive Development*, 51, 58-66.
- 80 West, A. & Siegrist, B.E. (2019). Faith Community Nursing International, (pp. 243-253) in Faith community nursing: An International specialty practice changing the understanding of health. Solari-Twadell, A. & Ziebarth, D. (eds.). Springer.
- 81 Xiao, X., Seekamp, E., van der Burg, M.P., Eaton, M., Fatorić, S., & McCreary, A. (2019). Optimizing historic preservation under climate change: Decision support for cultural resource adaptation planning in National Parks. *Land Use Policy*, 83, 379-389.
- 82 Yom, J.P., Owens, T., Arnett, S.W., Beebe, J., & Son, V. (2019). The Effects of an Unanticipated Side-cut on Lower Extremity Kinematics and Ground Reaction Forces during a Drop Landing. *Sports Biomechanics*, 18(4): 414-425, <https://doi.org/10.1080/14763141.2017.1409795>.
- 83 Young SN, Vanwyte WR, Schafer M, Robertson T, Poore AV. (2019). Factors Affecting PhD Student Success. *International Journal of Exercise Science*; 12(1): 34-45, 2019. <https://digitalcommons.wku.edu/cgi/viewcontent.cgi?article=2324&context=ijes>

---

## **Intramural Funding**

*Fiscal Year 2019*

### **Research and Creative Activities Program**

Dressler, Richard (PI). Assessing Executive Function in Naturalistic Settings. \$6,269.

Embry, Ann (PI); Watkins, Cecilia (Co-PI). Impact of a Wellness Program aimed at Middle School Foodservice Employees. \$15,518.

Reece, Michelle (PI); Mkanta, William (Co-PI). Evaluating implementation of National Cultural and Linguistically Appropriate Services (CLAS) in Federally Qualified Health Care Facilities in Kentucky and the South East. \$13,821.

Starks, Sandra (PI); Mkanta, William (Co-PI). Improving Well Being and Quality of life of People living with HIV/AIDS: Results from a Food Assistance Program in Tanzania. \$10,894.

Tinius, Rachel (PI); Blankenship, Maire (Co-PI); Furgal, Karen (Co-PI). The implications of postpartum metabolic inflexibility on maternal metabolic health. \$15,947.

### **CHHS Quick Turn-Around Grants**

Bell, David. (DPT) The Feasibility of Neuromuscular Electrical Stimulation with Dry Needling. \$1,750.

Bragg-Underwood, Tonya. (SONAH) Low-Dose CT Screening: Nurse Practitioners' Knowledge, Practices, and Attitudes. \$1,000.

Branstetter, Mary. (SONAH) Perceived Health Status in Rural Manufacturing Workers. \$2,000.

Cox, Carrie. (AHS) Cop-Out Fashions: Engaging Students in Sustainability. \$839.

Crandall, Jason. (KRS) Specific Aims of NIH R15 Registered Clinical Trial. \$2,500.

Esslinger, Keri. (KRS) Examine the impacts of exercise and feeding methods on postpartum depression outcomes. \$1,107.

Forsythe, Stacey. (KRS) The Impacts of a Leadership Development Tool on WKU Women's Basketball. \$3,000.

Green, Kimberly. (CSD) Exploring the experiences and perspectives of a family with a child who is deaf who sought refugee status in the United States. \$1,471.

Kim, Soyeon. (AHS) Exploring the impact of brand authenticity on forming perceived value, which subsequently influences the behavioral intention. \$1,241.

McCreary, Allie. (KRS) Exploration of government shutdown impact on federal land and recreation management agencies. \$1,974

Moore, Lora. (SONAH) Registered Nurses Perceptions of Communication and Engagement in the Workplace. \$1,386.

---

Norris, Beth. (DPT) To determine the effect of Bingocize® on physical activity, functional performance ability, sleep quality and falls efficacy in older adults residing in an assisted or independent living facilities. \$1,800.

Tinius, Rachel. (KRS) An Educational Intervention on Postpartum Depression for Perinatal Nurses. \$1,200.

Wilson, Travis. (AHS) Eliel Saarinen: Educator of Modern Design. \$2,050.

Wright, Dawn. (SONAH) Health Care Providers' Understanding of Health Care Beliefs and Preferences in Anabaptist Communities. \$1,132.

Young, Sonia. (DPT) Reliability of the Modified Clinical Test of Sensory Interaction on Balance using a Virtual Balance Device. \$550.

## Extramural Grants

*Fiscal Year 2019*

Cappiccie, Amy (PI). Dissemination of Computer-Assisted Cognitive-Behavior Therapy for Depression in Primary Care. University of Louisville Research Foundation, Agency for Healthcare Research and Quality. \$10,279.

Crandall, Jason (PI); Neils-Strunjas, Jean (Co-PI). Bingocize ®: An evidence-based health promotion program to improve the quality of life of Kentucky certified nursing facility residents - Additional Allocation. Cabinet for Health and Family Service, Department of Health and Human Services, Civil Money Penalty Fund. \$126,215.

Golla, Vijay (PI), Taylor, Ritchie (Co-PI), Hwang, Jooyeon (Co-PI). The Environmental Health Science Program at WKU. NIOSH, Department of Health and Human Services. \$50,000.

Harris, Kacy (PD). Perkins Basic: Nursing. KY Office of Career & Technical Education, US Department of Education. \$21,400.

Haynes-Lawrence, Darbi (PI). Multiple Sclerosis, Fatigue, Service Dogs and Family Relationships: The Role Service Dogs Play in Daily Living. Multiple Sclerosis Foundation. \$20,000.

Hulsey, Wendi (PD). Perkins Basic: Dental Hygiene. KY Office of Career & Technical Education, US Department of Education. \$6,590.

Hunt, Matt (PD). Wee Care Clinic Administrative Assistance. Wee Care Clinic – Medical Care for Special Needs. \$16,817.

Hunt-Shepherd, Jan (PD). WKU Perkins Basic Award: Healthcare Information Management. KY Office of Career & Technical Education, US Department of Education. \$7,405.

Jones, Susan (PI). Exploring Stress Among Farmers and Other Family Members. University of Kentucky, Southeast Center for Agriculture Health and Injury Prevention. \$14,999.

---

Juett, Lucy (PD). Area Health Education Center FY19. University of Louisville School of Medicine. \$213,604.

Juett, Lucy (PD). Area Health Education Center HRSA Supplemental Opioid Substance Use Disorder. University of Louisville Research Foundation. \$21,241.

Juett, Lucy (PD). FY19-20 MCAT Project. St. Claire HealthCare/Northeast Area Health Education Center. \$6,500.

Juett, Lucy (PD). HRSA Point of Service Maintenance and Enhancement. University of Louisville Research Foundation. \$83,750.

Juett, Lucy (PD). South Central Area Health Education Center Affiliation Agreement. University of Pikeville – Kentucky College of Osteopathic Medicine. \$25,000.

Main, Eve (PD). Addressing Social Determinants of Health and Health Literacy in Primary Care Nurse Practitioner Training to Increase Readiness to Practice. HRSA, Advanced Nursing Education Workforce (ANew) Program. \$355,997.

Malin, Catherine (PD). MCAT Project. St. Claire HealthCare/Northeast Area Health Education Center. \$6,500.

May, Dean (PD). Training Resource Center. Eastern Kentucky University, Kentucky Cabinet for Health and Family Services. \$253,184.

May, Dean (PD). WKU Public Child Welfare Certification Program 2018-19. Eastern Kentucky University, Department of Health and Human Services. \$9,999.

McCreary, Allie (PI). Impact of Youth Corps Partnerships on Partner Capacity. North Carolina State University, Montana Conservation Corps. \$45,359.

Sanyang, Edrisa (PI). Youth's Risk Perception of Road Traffic Crashes, The Gambia. University of Iowa. \$5,300.

Sikora, Doris (PD). Perkins Basic: Early Childhood Education. KY Office of Career & Technical Education, US Department of Education. \$6,904

Sikora, Doris (PD). WKU Professional Development Leadership Project. KY Office of Career & Technical Education, US Department of Education. \$7,500.

Taylor, Ritchie (PD). Bowling Green Fire Station Diesel Particulate Sampling. City of Bowling Green, KY. \$2,574.

Taylor, Ritchie (PD). City of Goodlettsville Water Quality Assessment – Turbidity. City of Goodlettsville, TN. \$3,819.

Taylor, Ritchie (PD). Visual Watershed Health Assessment. City of Goodlettsville, TN. \$9,974.

Taylor, Ritchie (PD). Watershed Health Education. City of Goodlettsville, TN. \$9,957.

Tinius, Rachel (PI). Metabolic Testing with Indirect Calorimetry. Kentucky Biomedical Research Infrastructure Network, National Institute for Health. \$77,278.

---

Weiler, Brian (PI). Screening the Language Skills of Kindergarten Children. Kentucky Biomedical Research Infrastructure Network, National Institute for Health. \$56,229.

---

## Student Research & Scholarship

*Fiscal and Academic Year 2019*

### Faculty-Undergraduate Student Engagement Awards

Elder, Madeline. Mentor: Amanda Funk. School of Kinesiology, Recreation, and Sport. The Effects of Myofascial Release on Upper Extremity Impairment in Stroke Patients.

McKay, Anna. Mentor: Janice Carter-Smith. Communication Sciences and Disorders. Effectiveness of the Dixit Method of Language Sampling for Early Adolescents with Specific Language Impairment.

Miller, Lauren. Mentor: Rachel Tinius. School of Kinesiology, Recreation, and Sport. The relationship between maternal physical activity and infant motor development at 4 months and 1 year of age.

Soult, Niah. Mentor: Darbi Haynes-Lawrence. Department of Applied Human Sciences. The Role of Children's Literature in Understanding, Accepting, and Adjusting to a Parent's Diagnosis of Multiple Sclerosis.

### The Graduate School Research Grants

Henry, Samantha. School of Kinesiology, Recreation, and Sport. Mentor: Rachel Tinius. Factors influencing both maternal and offspring body composition at 2 years postpartum. \$2,669.88

Keen, Keagan. Doctor of Physical Therapy. Mentor: Beth Norris. A Comparison of the Acute Effects of Yin Yoga, Restorative and Static Stretching on Flexibility, Blood Pressure, Heart Rate and Perceived Stress in Healthy Adults. \$2,833.86

Maul, Roderick. Department of Social Work. Mentor: Jay Gabbard. Project Rafiki. \$2,453.56

Rassi, Sepehr. School of Kinesiology, Recreation, and Sport. Mentor: Jason Crandall. Evaluating the Effects of a game-centered health promotion program on overall physical activity, and sleep quantity in community-dwelling older adults. \$2,453.56

### The Graduate School Presentation Travel Grants

Clark, Sydney. Department of Public Health. Disability Inclusion in Preparedness Planning. 2019 Preparedness Summit.

Edens, Kolbi. School of Kinesiology, Recreation, and Sport. Effects of Evidence-based materials and access to local resources on physical activity during pregnancy. Southeast American College of Sports Medicine 2019.

Horace, Angelique. Department of Social Work Advancing Excellence in Practice & Policy: Meeting the Challenge of the Family First Prevention Services Act. Child Welfare League of America National Conference 2019.

Quiambao, Kailey; Grimes, Brooke. Doctor of Physical Therapy. The effects of whole-body vibration on the limits of stability in 18-29-year-old individuals with sub-acute ankle injury. Academy of Neurologic Physical Therapy Combined Sections Meeting 2019.



---

Stevens, Lauren. Department of Communication Sciences and Disorders. Observational & Self-Report Measures of Social Engagement During an Intergenerational Exercise Program in Nursing Homes. American Speech-Language and Hearing Association 2018 Convention.

Yoho, Kristin. School of Kinesiology, Recreation, and Sport. Changes in Resting Metabolic Rate from Pregnancy to Postpartum. Southeast American College of Sports Medicine 2019.

### **Doctorate Program Student Projects**

#### **Doctor of Nursing Practice**

##### *School of Nursing and Allied Health*

Black, B. (2019). Chair: Maire Blankenship. Perioperative Nurses' Knowledge and Attitudes in Recognizing Suspected Child Abuse.

Brandenburg, D. (2019). Chair: Maire Blankenship. Sexuality and Romantic Relationship Assessment in Adolescents and Young Adults with Cancer.

Burkhead, M. (2019). Chair: Eve Main. Nurses' Knowledge and Attitudes of Mindfulness-Based Stress Reduction as a Clinical Intervention to Treat Chronic Pain.

Caron, S. (2019). Chair: Tonya Bragg-Underwood. Evaluation of Triage Education on Emergency Department Nurses' Knowledge and Confidence.

Delano, A. (2019). Chair: Cathy Abell. Visitation Policies in the Adult Intensive Care Unit: Nurses' Satisfaction and Preferences.

Earls, R. (2019). Chair: Laurie Branstetter. Advanced Practice Nurse Knowledge of Chronic Noncancerous Pain Management.

Edmondson, M. (2019). Chair: Laurie Branstetter. Access to Veterans Affairs Healthcare: Perceptions of Kentucky Women Veterans.

Gleason, S. (2019). Chair: Laurie Branstetter. Awareness and Knowledge of Bispectral Index Monitor among Critical Care Nurses.

Groves, E. (2019). Chair: Laurie Branstetter. Communication Education and Critical Care Nurse Perception of Family-Centered Care.

Hoefner, R. (2019). Chair: Eve Main. Nurses' Perception of Barriers to Nurse Sensitive Indicators

Joiner, J. (2019). Chair: Eve Main. An Advanced Hydration Protocol to Reduce Acute Kidney Injury Following Elective Cardiac Catheterization.

Joines, S. (2019). Chair: Eve Main. Secondary Teachers Attitudes' on Teen Suicide: A Descriptive Study.

Knott, C. (2019). Chair: Laurie Branstetter. Public Assessment of Knowledge, Attitude and Experience Regarding Antibiotic Use and Resistance.

---

Kuzma, K. (2019). Chair: Cathy Abell. Paternal Depression Screening Practices among Advance Practice Nurses.

Lee, K. (2019). Chair: Eve Main. Assessing Prediabetes Awareness and Willingness to Change Lifestyle in a Rural Community.

Payne, J. (2019). Chair: Eve Main. An Educational Intervention to Increase Identification of Skin Cancers in Student Barbers.

Payne, J. (2019). Chair: Cathy Abell. Examining the Effect of an Educational Intervention on Nurses' Knowledge and Attitudes Regarding Obstructive Sleep Apnea.

Sherfey, A. (2019). Chair: Eve Main. Assessing Acute Care Nurses' Attitudes Regarding Patients with Substance Abuse Issues.

Smith, D. (2019). Chair: Eve Main. Exploring Mental Health Stigma among Iraq and Afghanistan Veterans.

Smith, K. (2019). Chair: Maire Blankenship. The Impact of Music Therapy on Cancer Related Pain.

Woods, S. (2019). Chair: Dawn Garrett-Wright. The Impact of Depression on Patients with Type 2 Diabetes in Southern Appalachia.

Zimmerman, J. (2019). Chair: Eve Main. Team Nursing to Increase Nursing Retention.

### **Doctor of Physical Therapy** *Department of Physical Therapy*

Acheson, A., Bratcher, W., Short, L., Stone, H. (2019). Mentor: Beth Norris. Does Blow Flow Restriction Effect Proximal Muscle Strength and Hypertrophy in the Gluteus Maximus?

Brussell, D., Colvin, E., Gibbs, T. (2019). Mentor: David Bell. The Effects of Low Frequency Acoustic Waveforms on Diabetic Neuropathy.

Cravens, M., Lebryk, E., Sullivan, J. (2019). Mentor: Sonia Young. Interaction Effects of Whole-Body Vibration and LSVT BIG on Gait and Balance in Parkinson's Disease.

England, K., O'Callaghan, J. (2019). Mentor: Kurt Neelly. The Acute Effects of the Spine Align Foam Roller on Thoracic Spine Extension Compared to a Standard Foam Roller.

Gilmore, K., Hughes, G., Phillips, K. (2019). Mentor: Beth Norris. Balance Training with an External Focus of Attention for Older Adults: A Case Series.

Greer, I., Hopper, R., Smith, G. (2019). Mentor: Beth Norris. Cardiovascular Responses Associated with Different Blood Flow Restriction Pressures During Lower Extremity Cycling.

Hanks, A., Osborne, K., Wade, H. (2019). Mentor: Karen Furgal. Determining Intra-Rater Reliability of Scoring the TGMD-2 with Videography in Novice Physical Therapists.

---

Patel, N., Garrison, R., Snyder, J., Ding, M. (2019). Mentor: Beth Norris. The Development and Implementation of Computer-Assisted Learning Modules for a Spine Assessment and Intervention Course and its Efficacy on Learning for Doctor of Physical Therapy Students.

Payonk, E., Rowland, E. (2019). Mentor: Karen Furgal. The Impact of Motor and Kinesthetic Imagery on Motor Performance of a Serial Task in Young Piano Players.

Quiambao, K., Grimes, B. (2019). Mentor: Sonia Young. The Effects of Whole-Body Vibration on the Limits of Stability in 18-29-Year-Old Individuals with a Sub-Acute Lateral Ankle Sprain.

### **Theses & Dissertations**

Cline, Amber. Department of Communication Sciences & Disorders. Chair: Janice Smith. Assessment of Academic Vocabulary in Early Adolescents Using a Novel Sampling Method

Edens, Kolbi. School of Kinesiology, Recreation, & Sport. Chair: Rachel Tinius. Effects of Evidence-Based Materials and Access to Local Resources on Physical Activity During Pregnancy

Stevens, Lauren. Department of Communication Sciences & Disorders. Chair: Jean Neils-Strunjas. Observation and Self-Report of Fun and Social Engagement of Nursing Home Residents During Bingocize®

Yoho, Kristin. School of Kinesiology, Recreation, & Sport. Chair: Rachel Tinius. Metabolism During Pregnancy and Postpartum: How Does It Change and What Factors Influence It?