



**OHIO**  
UNIVERSITY

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# *Faculty & Student Research & Scholarly Activity*

## *Report: Summer 2017*

*FINAL v2*

*{Printing: 8/21/17; 9/28/2017}*

## Dean's Message

We in the College of Health Sciences and Professions are pleased to share this report of our recent research and scholarly activity. Through sustained creative effort, our faculty produced an impressive array of publications, presentations, and extramural grants. They also mentored many undergraduate and graduate students, as reflected in a special section highlighting students' accomplishments.

We are proud of the community of scholars who reside in the College and know they are making important contributions to the advancement of health and wellbeing through the research they do—whether it is in one of the research labs here on campus, a healthcare setting, or in the community.

Collectively, the scholarly effort of our faculty and students has a broad impact not only within our respective scientific disciplines but also on our professional and pedagogical endeavors. I invite you to read through the following pages in hopes that you will appreciate the volume, scope, and quality of the research accomplished by my colleagues in the College of Health Sciences and Professions.

Randy Leite, PhD

Dean

(August, 2017)

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## DEPARTMENT AND SCHOOLS

### Department of Social and Public Health (SPH)

This Department is distinguished by its breadth of programs addressing social and community health services, environmental and population-level diseases, and health administration. During academic year 2016-2017, this Department had 19 tenure-track faculty, 10 instructional faculty, 2 classified staff members, and .1 FTE administrative staff.

#### Undergraduate programs

- Bachelor of Science in Health (BS-H) –Community Health; Long-Term Health Care Administration; Health Services Administration*
- Bachelor of Science in Environmental Health (BS-EH)*
- Bachelor of Science in Occupational Hygiene and Safety (BS-OHS)*
- Bachelor of Science in Child and Family Studies (BS-CFS)*
- Bachelor of Arts in Social Work (BA-SW)*
- Bachelor of Social Work (BSW)*

#### Graduate programs

- Master of Health Administration (Online MHA)*
- Master of Public Health (MPH)*
- Master of Science in Child and Family Studies (MS-CFS)*
- Master of Social Work (MSW) & Advanced Standing Master of Social Work (AS-MSW)*

**Official AY17 headcount {& FTE}: Undergraduate (UG) and Graduate (GR):**

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Child & Family Studies	208 {205}	11 {8}
Environmental Health & Occupational Hygiene and Safety	42 {41}	N/A
Health Services Administration & Long Term Health Care Administration	259 {341}	N/A
Health Administration E-CAMPUS	N/A	446 {173}
Community Health & Public Health	73 {74}	19 {11}
Social Work (includes pre-SW students)	129 {121}	49 {47}
Appalachian Studies Certificate (new)	0	0

#### Accreditation

- Environmental Health (BS):*** National Environmental Health Science and Protection Accreditation Council (EHAC), 2016-2022.
- Long Term Health Care Administration (BS):*** National Association of Boards of Examiners for *Long Term Care Administrators (NAB)*, 2016-2021.
- Social Work (BA, MSW):*** Council on Social Work Education (CSWE), 2015-2021.

## School of Applied Health Sciences and Wellness (AHSW)

This School offers a set of interrelated academic degrees in exercise physiology, nutrition, and athletic training supported by two ancillary units in the College: The Atrium Café, and WellWorks. During academic year 2016-2017, this School had 10 tenure-track faculty, 12.25 Group II-IV instructional faculty, 2 clinical faculty, 2 classified staff members, and .5 administrative staff.

### Undergraduate programs

- Bachelor of Science in Athletic Training (BS-AT)*
- Bachelor of Science in Exercise Physiology (BS-EP)*
- Bachelor of Science in Food and Nutrition Sciences (BS-FNS) with two tracks: Nutrition; Applied Nutrition*

### Graduate programs

- Master of Science in Athletic Training (MS-AT)*
- Master of Science in Exercise Physiology (MS-EP)–Clinical*
- Master of Science in Exercise Physiology (MS-EP)–Research*
- Master of Science in Food and Nutrition Sciences (MS-FNS)*

**Official AY17 headcount {& FTE}:** Undergraduate (UG) and Graduate (GR):

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Athletic Training	158 {161}	47 {39}
Exercise Physiology	425 {428}	15 {12}
Food and Nutrition Sciences		
• Athens	216 {218}	23 {12}
• Dublin (Combined MS + Dietetic Internship)	N/A	10 {5}
Diabetes Certificate	63	1
Sports Nutrition Certificate	15	N/A

### Accreditation

- Applied Nutrition (formerly Dietetics) (BS)***: Accreditation Council for Education in Nutrition and Dietetics (ACEND), 2015-2022.
- Combined Master of Science and Dietetic Internship***: Accreditation Council for Education in Nutrition and Dietetics (ACEND), Candidacy for Accreditation 2016-2020 (site visit January-June 2019)
- Athletic Training (BS; professional accreditation)***: Commission on Accreditation of Athletic Training Education (CAATE), 2012-2022 (site visit during 2020-2021).
- Athletic Training (MS; post-professional accreditation)***: Commission on Accreditation of Athletic Training Education (CAATE), 2016-2022.

## School of Nursing (SON)

This School is comprised of a comprehensive ladder of nursing programs. The RN-to-BSN is an online program with national distribution. During academic year 2016-2017, on the Athens campus, this School had 8 tenure-track faculty, 18 instructional faculty (including one simulation lab coordinator), 6 clinical faculty, 11.25 classified staff members, and 18 administrative staff.

### Undergraduate programs

*Associate Degree in Nursing (ADN) (regional campus program)*  
*Bachelor of Science in Nursing (BSN)*  
*Registered Nurse-to-Bachelor of Science in Nursing (RN-to-BSN)*  
*School Nurse License*

### Graduate programs

*Master of Science in Nursing (MSN) with three major areas of concentration: Educator; Administrator; Family Nurse Practitioner*  
*Doctor of Nursing Practice (new, January 2017)*

### Official AY17 headcount {& FTE}: Undergraduate (UG) and Graduate (GR):

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
RN-to-BSN (eLearning)	5675 {2876}	N/A
BSN (Athens)	658 {573}	N/A
MSN (eLearning)	N/A	242 {81}
MSN (Graduate Outreach; Hybrid)	N/A	26 {8}
Doctor of Nursing Practice (first cohort)	N/A	19 {7}
Psych-Mental Health Nurse Practitioner (new)	0	0
Nurse Educator Post-Master's Certificate (new)	0	0
Nursing Leadership Certificate (pending)	0	0
Adult Gerontology Acute Care Nurse Practitioner Certificate (pending)	0	0

### Accreditation

**Nursing (AD):** Accreditation Commission for Education in Nursing (ACEN), 2015-2023; and Ohio Board of Nursing (OBN), 2016-2017 (next on-site visit, Fall 2017).

**Nursing (RN-to-BSN):** Commission on Collegiate Nursing Education (CCNE), 2011-2021.

**Nursing (BSN):** Commission on Collegiate Nursing Education (CCNE), 2011-2021; Ohio Board of Nursing, 2013-2018 (Athens).

**Nursing (MSN):** Commission on Collegiate Nursing Education (CCNE), 2012-2022.

## School of Rehabilitation and Communication Sciences (RCS)

This School offers degrees in physical therapy, physician assistant practice, and communication sciences and disorders. During academic year 2016-2017, this School had 14 tenure-track faculty members, 3.25 instructional faculty, 15 clinical faculty, 5.5 classified staff members, and 18 administrative staff. In addition, 18 FTE administrative personnel who are professionally credentialed provide clinical services through OU Therapy Associates (offering physical therapy, occupational therapy, audiology, and speech, language services).

### Undergraduate Programs

*Bachelor of Science in Communication Sciences and Disorders (BS-CSD)*  
*Honors Tutorial Program, Communication Sciences and Disorders*

### Graduate programs

*Doctor of Physical Therapy (DPT)*  
*Master of Arts in Communication Sciences and Disorders (MA-CSD)*  
*Master of Physician Assistant Practice (MPAP)*  
*Doctor of Clinical Audiology (AuD)*  
*Doctor of Philosophy in Hearing Science (PhD-HS)*  
*Doctor of Philosophy in Speech-Language Science (PhD-SLS)*  
*Teacher Certification for Speech-Language Pathology*

**Official AY17 headcount {& FTE}: Undergraduate (UG) and Graduate (GR):**

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Bachelor of Science Speech-Language Pathology	222 {232}	N/A
Master of Arts Speech-Language Pathology	N/A	45 {47}
Doctor of Audiology	N/A	35 {25}
Ph.D. Programs:		
• Hearing Science	N/A	1 {1}
• Speech-Language Science		13 {6}
Master of Physician Assistant Practice	N/A	68 {60}
Doctor of Physical Therapy	N/A	133 {150}
Experimental Study of Language Certificate	0	N/A

### Accreditation

**Physical Therapy (DPT):** Commission on Accreditation in Physical Therapy Education (CAPTE), 2009-2019.  
**Physician Assistant (MPAP):** Accreditation Review Commission on Education for the Physician Assistant (ARC-PA), Accreditation Provisional 2015-2019.  
**Speech-Language Pathology (MA):** Council on Academic Accreditation (CAA) of the American Speech-Language-Hearing Association (ASHA), 2011-2019.  
**Audiology (AuD):** Council on Academic Accreditation (CAA) of the American Speech-Language-Hearing Association (ASHA), 2011-2019.

## Department of Interdisciplinary Health Studies (IHS)

This new department offers several certificate programs and a new undergraduate degree. During academic year 2016-2017, this Department had .7 tenure-track faculty members, 2.0 FTE instructional faculty, 0 clinical faculty, 1.0 FTE classified staff member, and .5 FTE administrative staff.

### Undergraduate

- Gerontology Certificate
- Global Health Certificate
- Integrated Healthcare Studies (B.S.)

### Graduate

- African Community Health Certificate
- Clinical Informatics Certificate
- Gerontology Certificate
- Global Health Certificate
- Health Policy (new)
- Healthcare Leadership Certificate (new)
- Veterans Health Certificate (pending)

**Official AY17 headcount {& FTE}: Undergraduate (UG) and Graduate (GR):**

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Integrated Healthcare Studies (BS)	7 {7}	N/A
African Community Health Certificate	N/A	8
Clinical Informatics Certificate	N/A	0
Gerontology Certificate	35	4
Global Health Certificate	18	0
Health Policy (UCC approved, March 2017)	N/A	0
Healthcare Leadership Certificate (UCC approved, March 2017)	N/A	0
Veterans Health Certificate (pending)	0	0



## Academic Certificates in CHSP

Academic Home	Certificate Name	Certificate Code	Type: UG, GR	Administrator
I.H.S.	Gerontology	<b>CTGERO</b>	UG	DiGiovanni*
		<b>CTGERG</b>	GR	DiGiovanni*
I.H.S.	African Community Health	<b>CTACHG</b>	GR	DiGiovanni*
I.H.S.	Clinical Informatics	<b>CTCING</b>	GR	DiGiovanni*
I.H.S.	Healthcare Leadership (new)	<b>CTHCLG</b>	GR	DiGiovanni*
I.H.S.	Health Policy (new)	<b>CTHPCG</b>	GR	DiGiovanni*
I.H.S.	Global Health	<b>CTGLHL</b>	UG	Ice
		<b>CTGLHG</b>	GR	Ice
AHSW	Diabetes	<b>CTDIAB</b>	UG	Yoder
		<b>CTDIAG</b>	GR	Yoder
AHSW	Sports Nutrition	<b>CTSPNU</b>	UG	Murray
RCS	Experimental Study of Language	<b>CTEXPE</b>	UG	Marinellie
SPH	Appalachian Studies (CTAPSU UCC approved 4/13/17) (CTX39G, at DCC)	<b>CTAPSU</b>	UG	Morrone
		CTX39G	GR	Morrone
Nursing	Psych Mental Health Nurse Practitioner (UCC approved 3/29/17)	<b>CTPMHN</b>	GR	Miller
Nursing	Nurse Educator, Post-Master's (UCC approved 3/29/17)	<b>CTNEDG</b>	GR	Miller
<b>Pending</b>				
Nursing	Adult Gerontology Acute Care Nurse Practitioner (pending)	<b>CTX23G</b>	GR	Miller
Nursing	Nursing Leadership (in review CCC)	CTX40G	GR	Miller
I.H.S.	Veterans Certificate (pending)	xxx	GR	DiGiovanni*

\*Appointed 8/16/17 as interim chair, Department of Interdisciplinary Health Studies.

# FACULTY RESEARCH AND SCHOLARSHIP

## Research Laboratories

See index below; click on the link associated with the **Institute** or **Academic Unit** name – or contact the **faculty member** via the OHIO Email directory.

- *Appalachian Rural Health Institute*: **Michele Morrone [CHSP]**  
<https://www.ohio.edu/chsp/arhi/index.cfm>
- *Auditory Electrophysiology Research Lab*: **Fuh-Cherng Jeng [CSD]**
- *Auditory Prosthesis Research Lab*: **Li Xu [CSD]**
- *Auditory Psychophysics and Signal Processing Research Lab*: **Jeffrey DiGiovanni [CSD]**
- *Augmentative and Alternative Communication Research Lab*: **John McCarthy [CSD]**
- *Biomaterials Research Lab*: **Betty Sindelar [PT]**
- *Clinical Informatics Research Lab*: **Xia Jing [SPH]**
- *Developmental Psycholinguistics Research Lab*: **Jim Montgomery [CSD]**
- *Dysphagia Research Lab*: **Youngsun Kim [CSD]**
- *Exercise Biochemistry Research Lab*: **Michael R. Kushnick [EP]**
- *Exercise Physiology Research Lab*: **Sharon Rana, Michael R. Kushnick [EP]**
- *Exercise Science Research Lab*: **Sharon Rana [EP]**
- *Food Innovation Lab*: **Robert G. Brannan [FNS]**
- *Food Science Research Lab*: **Robert G. Brannan [FNS]**
- *Integrative Muscle Physiology Research Lab*: **David Russ [PT]**
- *Interprofessional Simulation Labs*: **Jeffrey DiGiovanni [IHS]**
- *Motor Control Research Lab*: **James Thomas, 2016 Presidential Research Scholar [PT]**
- *Muscle Mechanics Research Lab*: **Gary Chleboun [PT]**
- *Musculoskeletal Ultrasound Research Lab*: **Gary Chleboun**
- *Natural Products & Human Microbiome Research Lab (at Konneker)*: **Dhiraj A. Vattem [FNS]**
- *Neurocognitive and Balance Assessment Research Lab*: **Dustin Grooms [AT]**
- *Neurolinguistics Research Lab*: **Brooke Hallowell [CSD]**
- *Neuromuscular Biomechanics and Health Assessment Research Lab (NMBHAL)*: **Dustin Grooms, Janet E. Simon, Jae Pom Yom [AT]**
- *Sensory Analysis Research Lab*: **Robert G. Brannan [FNS]**
- *Science and Health in Artistic Performance Lab (SHAPE Lab)*: **Jeffrey A. Russell [AT]**
- *Speech Physiology Research Lab*: **Francois-Xavier Brajot [CSD]**
- *Speech Processing Research Lab*: **Chao-Yang Lee [CSD]**
- *STEP (Strategies and Tools for Evaluating Play) Research Lab*: **Cheryl A. Howe [EP]**
- *Transitions in the Acquisition of Language Knowledge (TALK) Research Lab*: **Joann P. Benigno [CSD]**

### College:

**CHSP**: <https://ohio.edu/chsp/about/research>

### Academic Divisions:

**Athletic Training** <https://www.ohio.edu/chsp/ahsw/athletic-training/about/research.cfm>

- **CSD: Communication Sciences and Disorders** <https://www.ohio.edu/chsp/rcs/csd/about/research.cfm>
- **EP: Exercise Physiology** <https://www.ohio.edu/chsp/ahsw/exercise-physiology/about/research.cfm>
- **FNS: Food and Nutrition Sciences** <https://www.ohio.edu/chsp/ahsw/food-nutrition/about/research.cfm>
- **IHS: Interdisciplinary Health Studies** <https://www.ohio.edu/chsp/ihs/index.cfm>

- **Nursing** <https://www.ohio.edu/chsp/nrse/about/research.cfm>
- **PT Physical Therapy** <https://www.ohio.edu/chsp/rcs/pt/about/research.cfm>
- **SPH Social and Public Health** <https://www.ohio.edu/chsp/sph/>

## Internal Faculty Awards<sup>1</sup>

### COMPETITIVE RESEARCH GRANTS

#### **Interdisciplinary Research Grant**

2016 – Janet Simon (Athletic Training), Dustin Grooms (Athletic Training), Jae Pom Yom (Exercise Physiology), School of Applied Health Sciences and Wellness

#### **Teaching Effectiveness Research Grant**

2016 – Janice Howman, Rebecca Meier, Janice Wright, School of Rehabilitation and Communication Sciences

2017 – Ashley Crow, Physical Therapy, School of Rehabilitation and Communication Sciences

#### **Research Innovation Grant**

2016 – Char Miller, and Marjorie Vogt, School of Nursing in collaboration with Peter Dipiazza, Director of Advanced Clinical Practice, Riverside Methodist Hospital

2017 – Cory Cronin, Health Services Administration, Department of Social and Public Health

Mercedes Sotos Prieto, Food and Nutrition Sciences, School of Applied Health Sciences and Wellness

Caroline Kingori, Community and Public Health, Department of Social and Public Health

### HONORARY AWARDS

#### **Faculty Research and Creative Activity Award**

2016 – Li Xu, Communication Sciences and Disorders

2017 – James Thomas, Physical Therapy

#### **Innovative Teaching Award**

2016 – Marcus Barr, Exercise Physiology

2017 – Sherleena Buchman, Nursing

#### **Lee Cibrowski Advising and Mentoring Award**

2016 – Jenny Chabot, Child and Family Studies

2017 – Cory Cronin, Health Services Administration

#### **Outstanding Teacher Award**

2016 – Joan Jurich, Child and Family Studies

2017 – Jenny Chabot, Child and Family Studies

#### **Excellence in Online Teaching Award**

2016 – Tobe Gillogly, Rehabilitation and Communication Sciences

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<sup>1</sup> Grants and awards are announced by the Dean each Spring (at the end of the academic year). Research grant funds are made available in the new fiscal year (July 1).

## Scholarship

### Publications (CY 2016)

This scholarship report is aligned with the calendar year—the annual evaluation period for faculty. It includes peer-reviewed manuscripts, chapters, books, and other publications, as of **December 31, 2016**. Note: “In press” and “Advance online publication,” while included, are not counted in official 2016 publication totals; these will be included and counted as published in next year’s report. (A **bold** name indicates the faculty member; an underlined name indicates that the contributor is a student.)

1. Ahmadi-Montecalvo, H., Haile, Z. T., Umer, A., & **Chertok, I. R.A.** (2016). Adolescent pregnancy and smoking in West Virginia: Pregnancy risk assessment monitoring system (PRAMS) 2005-2010. *Maternal and Child Health, 20*, 2465-2473. <https://doi.org/10.1007/s10995-016-2040-y>
2. Amano, S., Fitri, A., Clift, R., Nakazawa, M., Law, T. D., Rush, L. J., . . . **Thomas, J. S., Russ, D. W.**, & Clark, B. C. (2016). Effectiveness of blood flow restricted exercise compared with standard exercise in patients with recurrent low back pain: Study protocol for a randomized controlled trial. *Trials, 17*(1), 81. <https://doi.org/10.1186/s13063-016-1214-7>
3. **Baker, C. J.**, Palmer, S. D., & Lee, C. W. V. (2016). Smoking cessation intervention preferences among urban African Americans: A mixed methods approach. *Western Journal of Nursing Research, 38*(2), 166-173. <https://doi.org/10.1177/0193945915626381>
4. **Baker, C. J.** (2016). Long term depressive symptoms and acculturative stress issues among immigrants from the Former Soviet Union. *Journal of the American Psychiatric Nurses Association*. <https://doi.org/10.1177/1078390316654209>
5. Bigouette, J., **Simon, J. E.**, Lui, K., & Docherty, C. (2016). Altered vertical ground reaction forces found in participants with chronic ankle instability while running. *Journal of Athletic Training, 51*(9), 682-687.
6. **Berryman, D. E.**, Henry, B., Hjortebjerg, R., & List, E. O. (2016). Developments in our understanding of the effects of growth hormone on white adipose tissue: Implications on the clinic. *Expert Reviews in Endocrinology Metabolism, 11*(2), 197-207.
7. Boster, J. B., **McCarthy, J. W.**, & **Benigno, J. P.** (In press). Music therapy is beneficial for children with ASD, but more specific clinical guidance is needed. *Evidence-Based Communication Assessment and Intervention*.
8. **Brajot, F.-X.**, Shiller, D. M., & Gracco, V. L. (2016). Autophonic loudness perception in Parkinson's disease. *Journal of the Acoustical Society of America, 139*(3), 1364. <https://doi.org/10.1121/1.4944569>
9. **Brannan, R. G.** (2016). Polyphenol oxidase in pawpaw (*Asimina triloba* [L.] Dunal) fruit pulp from different varieties. *Journal of Food Research, 5*(1), 33-39.
10. **Brannan, R. G.**, & Wang, G. (In press). Effect of frozen storage on polyphenol oxidase, antioxidant content, and color of pawpaw (*Asimina Triloba* [L.] Dunal) fruit pulp. *Journal of Food Research*.
11. Brooks, N. E., Hjortebjerg, R., Henry, B. E., List, E. O., Kopchick, J. J., & **Berryman, D. E.** (2016). Fibroblast growth factor 21, fibroblast growth factor receptor 1, and  $\beta$ -Klotho expression in bovine growth hormone transgenic and growth hormone receptor knockout mice. *Growth Hormone IGF Research, 30-31*, 22-30.
12. **Brown, J. A.** (2016). Digital gaming perceptions among older adult non-gamers. In J. Zhou & G. Salvendy (Eds.), *Human aspects of IT for the aged population. Applications, services and contexts. ITAP 2017*. New York, NY: Springer.
13. **Brown, J. A.** (2016). Exploring the next generation of older gamers: Middle-aged gamers. In J. Zhou & G. Salvendy (Eds.), *Human aspects of IT for the aged population. Applications, services and contexts. ITAP 2017*. New York, NY: Springer.
14. **Brown, J. A.**, & De Schutter, B. (2016). Game design for older adults: Lessons from a life course perspective. *International Journal of Gaming and Computer-Mediated Simulations, 8*(1), 1-12. <https://doi.org/10.4018/IJGCMS.2016010101>

15. **Bryant, R.** (In press). Heart failure self-care to success: Development and evaluation of a program toolkit. *Nurse Practitioner*.
16. Bulfin, S. J., Ellis, K. K., Moore, K. S., Nicholas, B. L., **Vogt, M.**, Benbenek, M. M., . . . Thompson, C. (2016). *Academic practice partnerships: Sharing the vision for advanced practice nurse education* [White paper]. Washington, DC: National Organization of Nurse Practitioner Faculties (NONPF). Retrieved from <http://c.ymcdn.com/sites/www.nonpf.org/resource/esmgr/docs/AcademicPracticePartnersFina.pdf>
17. Casapulla, S., **Howe, C. A.**, Mora, G. R., **Berryman, D. E.**, Grijalva, M. J., Rojas, E. W., . . . Shubrook, J. H. (In press). Cardiometabolic risk factors, metabolic syndrome and pre-diabetes in adolescents in the Sierra region of Ecuador. *Diabetology and Metabolic Syndromes*.
18. **Chertok, I. R. A.**, & Sherby, E. (2016). Breastfeeding self-efficacy of women with and without gestational diabetes. *American Journal of Maternal Child Nursing*, 41, 173-178. <https://doi.org/10.1097/NMC.0000000000000233>
19. **Chertok, I. R.**, & Wolf, J. (In press). Postpartum period and lactation physiology. In S. Blackburn (Ed.), *Maternal, fetal & neonatal physiology: A clinical perspective* (5th ed.). St. Louis, MO: Elsevier.
20. Clevenger, K. A., & **Howe, C. A.** (2016). Effect of prior game experience on energy expenditure during XBOX Kinect in children and teens. *Games for Health*, 5(5), 304-310.
21. Clifton, D. R., **Grooms, D. R.**, Hertel, J., & Onate, J. A. (2016). Predicting injury: Challenges in prospective injury risk factor identification. *Journal of Athletic Training*, 51(8), 658-661. <https://doi.org/10.4085/1062-6050-51.11.03>
22. Comisford, R., Lubbers, E. R., Householder, L. A., Suer, O., Tchkonina, T., Kirkland, J. L., . . . **Berryman, D. E.** (2016). Growth hormone receptor antagonist transgenic mice have increased subcutaneous adipose tissue mass, altered glucose homeostasis and no change in white adipose tissue cellular senescence. *Gerontology*, 62(2), 163-172.
23. Dal, J., List, E. O., Jørgensen, J. O., & **Berryman, D. E.** (2016). Glucose and fat metabolism in acromegaly: From mice models to patient care [Invited paper]. *Neuroendocrinology*, 103(1), 96-105.
24. David, S., Gray, K., **Russell, J. A.**, & **Starkey, C.** (2016). Validation of the Ottawa Ankle Rules for acute foot and ankle injuries. *Journal of Sport Rehabilitation*, 25(1), 48-51.
25. **DiGiovanni, J. J.**, & **McCarthy, J. W.** (2016, August). IPE 102: Innovative interprofessional education that includes audiology and speech-language pathology. In A. Johnson (Ed.), *Interprofessional education and interprofessional practice in communication sciences and disorders: An introduction and case-based examples of implementation in education and health care settings*. Rockville, MD: American Speech-Language-Hearing Association. Retrieved from <http://www.asha.org/uploadedFiles/IPE-IPP-Reader-eBook.pdf>
26. **DiGiovanni, J. J.**, & Riffle, T. L. (2016). The developing relationship among cognition, amplification, and aural rehabilitation. *Perspectives of the ASHA Special Interest Groups (SIG 6)*, 1(2). <https://doi.org/10.1044/persp1.SIG6.47>
27. Francescon, J., Kling, D., Haile, Z., & **Chertok, I. R.** (2016). Association between WIC enrollment and exclusive breastfeeding at three months postpartum among low-income women. *Journal of the American Osteopathic Association*, 116(12), 770-779. <https://doi.org/10.7556/jaoa.2016.152>
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### Presentations (CY 2016)

This section includes *paper* and *poster* presentations, published *abstracts* and *proceedings* of platform and poster presentations, as well as invited *seminars*, *workshops* or *lectures* in state, regional, national, and international forums during calendar year 2016.

1. Ahn, D., Park, T., Choi, Y., & **Kim, Y.** (2016). *Stage transition duration during swallowing in unilateral stroke patients*. Paper presented at the Interdisciplinary Treatment Conference, Seoul, Korea.
2. **Alonzo, A.** (2016, April). *Knowledge and perceptions of online MSN students regarding the DNP*. Poster session presented at Nurse Educator Institute, Branson, MO.
3. Anjum, A., & **Hallowell, B.** (2016, November). *Integrating blended and flipped learning strategies into CSD classrooms*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
4. Avila, M., Bailey, J., Nyiransekuye, H., Bensen, K., Berthold, M., Voss, T., & **Garlington, S.** (2016). *Connecting global issues with local relevance*. Paper presented at the annual meeting of the Council on Social Work Education, Atlanta, GA.
5. **Baker, C. J.** (2016, November 17). *Qualitative interviews with nurses native to Appalachian Ohio regarding prenatal smoking*. Poster session presented at the Appalachian Translational Research Network Health Summit, Cincinnati, OH.
6. **Baker, C. J.** (2016, March 18). *Qualitative interviews about women's health and tobacco with nurses native to Appalachian Ohio*. Paper presented at the Podium presentation at the annual meeting of Midwest Nursing Research Society, Milwaukee, WI.
7. Bashir, A., **Montgomery, J.**, Gillam, R., & Singer, B. (2016). *Working memory and its influence on sentence comprehension: Models, assessment and intervention guidelines*. Seminar presented at the College of Health Sciences and Professions: Faculty and Student Research and Scholarship Report (Summer 2017)
8. annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
8. **Basta, T.** (2016, June). *The social, behavioral, and ethical implications of Zika virus*. Paper presented at the International Conference on Infectious Diseases and Tropical Medicine, Quito, Ecuador.
9. **Basta, T.** (2016, June). *Using photovoice to engage young people in a community needs assessment*. Paper presented at the Annual Ohio Promotion Wellness and Recovery (OPEC) Conference, Athens, OH. (Invited)
10. **Basta, T.** (2016, September). *The social, behavioral, and ethical implications of Zika virus*. Paper presented at the annual conference of the Ohio Environmental Health Association, Athens, OH. (Invited)
11. **Basta, T.**, James, C., Meyer, D., & Ice, G. (2016, March). *Ohio University Global Health Competition: Lessons learned from a unique interprofessional study abroad experience*. Presented at the annual conference of Teaching Prevention, Albuquerque, NM.
12. **Basta, T. B.**, **Kingori, C.**, Haile, Z., Darlington, K.A., Jerome Zuchowski, J., & Broecker, J. (2016, November). *Pregnancy expectations and experiences of women living in rural Appalachia*. Poster session presented at the annual meeting of the Appalachian Translational Research Network, Cincinnati, OH.
13. **Basta, T.**, & Stambaugh, T. (2016, June). *Results of an intervention to increase HIV testing in Appalachian Ohio, US*. Presented at the International

Conference on Infectious Diseases and Tropical Medicine, Quito, Ecuador.

14. **Benigno, J. P., Wright, B. M., McCarthy, J. W., & Taylor, S.** (2016, November). *Establishing an outreach program to support families of children with autism*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.
15. Berg, P., Koskovich, N., Streleck, N., **Yom, J., & Inglis, L.** (2016, February). Postural control in children with idiopathic toe walking behaviors [Abstract]. *Pediatric Physical Therapy*, 28(1), E13. (Paper presented at the American Physical Therapy Association (APTA) Combined Section Meeting (CSM), Anaheim, CA.)
16. **Berryman, D. E., Householder, L. A., Comisford, R., Troike, K., Wilson, C., Henry, B. E., . . . Kopchick, J. J.** (2016, November). Increasing fibrosis: A novel means by which growth hormone may limit white adipose tissue (WAT) expansion [Abstract]. *Growth Hormone IGF Research*, 30(Suppl 1), 47. (Poster session presented at the 8th international congress of the GRS and IGM Society, Tel Aviv, Israel.)
17. **Berryman, D. E.** (2016, October 15). *Tissue-specific effects of GH*. Paper presented at the 7th annual European meeting on the Management of Acromegaly, Berlin, Germany.
18. **Berryman, D. E.** (2016). *The skinny on fat*. Paper presented at the IV Simposio de Ciencias Basicas Doctorado en Ciencias de la Salud, Universidad CES, Medellin, Columbia.
19. **Berryman, D. E.** (2016, April 3). *Growth hormone effects on adiposity, metabolism, and aging*. Symposium conducted at the annual meeting of the Endocrine Society, Boston, MA.
20. Beverly, E. A., Hargrove, E., Farrar, A., Phillips, C., Henry, B., & Berryman, D. E. (2016). Campus for the future: Using photovoice to assess college student's perceptions of diabetes-friendly and diabetes-unfriendly areas on campus [Abstract]. *Diabetes*, 65(suppl). (Poster session presented at scientific sessions of the American Diabetes Association, New Orleans, LA.)
21. Borges, K. C., Azevêdo, J. C., Bezerra, M. F., Crews, R., Correia, R. T., & **Vattem, D. A.** (2016, March 13-17). *Evaluation of three tropical fruits on lifespan and experimentally induced neurodegeneration in *Caenorhabditis elegans**. Paper presented at the annual meeting of the American Chemical Society, San Diego, CA.
22. **Brajot, F.-X., & Lee, J.** (2016, November 16). Multisensory perturbation effects on speech timing and sequencing [Abstract]. *Neuroscience Meeting Planner*, No. 721.08. (Poster session presented at the annual meeting of the Society for Neuroscience Program, San Diego, CA.)
23. Brannan, R. G. (2016, September 1-3). *A decade of pawpaw fruit research: A food scientist's perspective*. Paper presented at the 4th International Pawpaw Conference, Frankfort, KY. (Invited)
24. Braun, J., Taylor, B., Clevenger, K. A., & Howe, C. A. (2016, November). *Effects of teaching HENRY Program on physical activity knowledge and behavior of 1st grade children*. Poster session presented at the meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
25. Brooks, N. E., Hjortebjerg, Henry, B. E., List, E. O., Kopchick, J. J., & Berryman, D. E. (2016, November). Fibroblast growth factor 21, fibroblast growth factor receptor 1 and  $\beta$ -Klotho expression in bovine GH transgenic and GH receptor knockout mice [Abstract]. *Growth Hormone IGF Research*, 30(Suppl 1), 48. (Poster session presented at 8th international congress of the GRS and IGM Society, Tel Aviv, Israel.)
26. **Brown, J. A.** (2016, November). *The age of enlightenment: Bridging generations through a senior mentor program*. Paper presented at the Original Lilly Conference on College Teaching, Oxford, OH.
27. **Brown, J. A., De Schutter, B., & Dormann, C.** (2016, August). *Designing games for older adults: Beyond accessibility and health benefits*. Workshop presented at the First Joint International Conference of DiGRA and FDG, Dundee, Scotland.
28. **Brown, J. A.** (2016, July). *Exploring the next generation of older gamers: Middle-aged gamers*. Paper presented at the International Conference on Human Aspects of IT for the Aged Population, Toronto, Canada.
29. Brown, L. S., & **Benigno, J. P.** (2016, November). *It takes a village: Inclusive music therapy community programming*. Panel presented at the national

- conference for the American Music Therapy Association, Sandusky, OH.
30. **Bryant, R.** (2016, June). *Heart Failure Self-Care to Success Program: Effect on hospital admissions and self-care behaviors*. Poster session presented at the national conference of the American Association of Nurse Practitioners, San Antonio, CA.
  31. Bryant, J., Wyon, M. A., Nevill, A. M., & **Russell, J. A.** (2016, October 22). *Aging dancers' activities and pain: an international survey*. Poster session presented at the 26th annual meeting of the International Association for Dance Medicine & Science, Hong Kong, China.
  32. Bryant, J., Nevill, A. M., **Russell, J. A.**, & Wyon, M. A. (2016, August 25-September 1). *Aging dancers: Activities, pain, and menopause, an international survey*. Poster session presented at the Potentials and Challenges of Research in Dance Medicine & Science Conference, Goiania, Brazil.
  33. Buchman, M., List, E. O., **Berryman, D. E.**, Wilson, C., & Kopchick, J. J. (2016, November). Analysis of collagen content of various tissues in insulin resistant bovine GH transgenic mice [Abstract]. *Growth Hormone IGF Res*, 30(Suppl 1), 190. Poster session presented at the 8th international congress of the GRS and IGM Society, Tel Aviv, Israel.
  34. **Buchman, S.** (2016, March 21). *Interprofessional education via simulation* [Abstract and summary]. *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 522-526). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE). Available from <https://www.learntechlib.org/j/SITE/v/2016/n/1/?page=5> Paper presented at the international conference of the Society for Information Technology & Teacher Education, Savannah, GA.
  35. **Buchman, S., Miller, C., & Snider, P.** (2016, April). *Pre-brief to deBrief: Students' perceptions of an interprofessional simulation*. Poster session presented at the conference of the Ohio League for Nursing, Dublin, OH.
  36. Chapman, L. R., & **Hallowell, B.** (2016, May). *Indexing cognitive effort: Effects of linguistic difficulty and stimulus modality*. Poster session presented at the Clinical Aphasiology Conference, Charlottesville, VA.
  37. Chapman, L. R., & **Hallowell, B.** (2016, November). *Influence of an overt comprehension task on cognitive effort in sentence processing*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
  38. **Chase, P. J.** (2016, November 4-5). *Update on pharmacology and exercise in patients with cardiovascular disease*. Paper presented at the 44th annual meeting of the Midwest Chapter of the American College of Sports Medicine and the 4th annual meeting of the Clinical Exercise Physiology Association Meeting, Fort Wayne, IN.
  39. Check, N., & **Russell, J. A.** (2016, July 9). *Hand span, upper extremity pain and muscle activation in pianists*. Paper presented at the 34th annual symposium of the Performing Arts Medicine Association, New York, NY.
  40. Chen, G., Harrison, L., Hunt, R., Volz, L., Donahue, E., Behnfeldt, J., . . . **Kushnick, M.** (2016, May 31-June 4). Comparison of substrate utilization during treadmill walking and blood flow restricted treadmill walking [Abstract]. *Medicine and Science in Sports and Exercise*, 48(5), 210. (Paper presented at the annual meeting of the American College of Sports Medicine, Boston, MA.)
  41. **Chertok, I. R. A.**, Haile, Z. T., & Argov-Argaman, N. (2016, May 22-26). *Influence of gestational diabetes on metabolic concentrations in human colostrum*. Poster session presented at the 10th Congress of the International Society of Nutrigenetics & Nutrigenomics. Tel Aviv, Israel.
  42. **Chleboun, G.**, **Howman, J.**, Hosa, T., Walls, S., Block, C., & Schuster, K. (2016, February). *Vastus lateralis and vastus intermedius fascicle and patellar tendon length in children with cerebral palsy: A case study*. Poster session presented at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Anaheim, CA.
  43. Clark, L. A., Amano, S., Clift, R., **Russ, D. W.**, Manini, T. M., Law, T. D., & Clark, B. C. (2016, April 28-29). Octogenarians and nonagenarians exhibit impairments in leg extensor voluntary activation, but not elbow flexor voluntary activation [Abstract]. *Journal of Frailty in Aging*, 5(S1), 63. (Paper presented at the International Conference on Frailty & Sarcopenia Research, Philadelphia, PA.)

44. Clevenger, K. A., Pfeiffer, K. A., & **Howe, C. A.** (2016, November 4-5). *Effect of wearing a portable metabolic unit on accelerometer-determined physical activity level of children*. Paper presented at the meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
45. Clifton, D. R., Starkel, C., Best, T., Borchers, J., Chaudhari, A, Comstock, D., Cortes, N., **Grooms D.**, . . . Onate J. (2016, June 22-25). *Relationship between single leg hop asymmetry, performance, and injury probability: A moderation analysis (The FPPE Project)*. Paper presented at the 67th annual meeting of the National Athletic Trainers' Association, Baltimore, MD.
46. Cline, A., **Simon, J. E., Russell, J. A., & Orozco, C. G.** (2016, March 11). *Knowledge of injury and the role of the athletic trainer in high school football coaches, parents/guardians, and football student-athletes*. Paper presented at the winter symposium of the Great Lakes Athletic Trainers' Association, Wheeling, IL.
47. **Courtney, M. A.** (2016, February). *Physical therapy faculty clinical practice and faculty work*. Paper presented at the at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Anaheim, CA.
48. **Cronin, C. E.**, & Gran, B. (2016, August). *Hospital community benefit activity and population health outcomes*. Paper presented at the annual meeting of the Academy of Management, Anaheim, CA.
49. **Cronin, C. E.** (2016, August). *Community benefit practices and their relationships to organizational performance and survival*. Paper presented at the annual meeting of the Academy of Management, Anaheim, CA.
50. **Cronin, C. E.**, Gran, B., Whitehouse, P. J., & Molchan, S. (2016, July). *Deinstitution-alization of the Alzheimer's field*. Poster session presented at the international conference of the Alzheimer's Association, Toronto, Canada.
51. Culley, A. A., **Berryman, D. E.**, & Beverly, E. A. (2016). Knowledge and perceptions of plant-based meals among adults with type 2 diabetes living in rural Appalachian Ohio [Abstract]. *Diabetes*, 65(suppl 1). (Poster session presented at the Meeting of the American Diabetes Association, New Orleans, LA.)
52. Diekfuss, J. A., **Grooms, D. R.**, Schmitz, R. J., Kraft, R., & Raisbeck, L. D. (2016, June 15-18). *The effects of attentional focus on brain activation when performing a leg flexion and extension task*. Paper presented at the annual meeting of the North American Society for Psychology of Sport and Physical Activity, Montreal, Quebec, Canada.
53. Diekfuss, J. A., **Grooms, D. R.**, Schmitz, R. J., Kraft, R., & Raisbeck, L. D. (2016, August). *Attentional focus and fMRI: Brain activation during a leg movement task*. Paper presented at the Human Movement Science Research Symposium, Chapel Hill, NC.
54. **DiGiovanni, J. J.**, & Riffle, T. (2016, March). *Relating complex verbal and non-verbal spans to listening comprehension*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.
55. **DiGiovanni, J. J.**, Riffle, T., Gilmore, C., & Mikol, J. (2016, March). *Generalization and resilience to distractors in auditory working memory*. Poster session presented at the annual meeting of the American Auditory Society, Scottsdale, AZ.
56. Dihn, A., & **Brown, J.** (2016, April). *The role of socioemotional selectivity theory within the context of older adults with aphasia*. Poster presented at the Ohio Association of Gerontology Education, Youngstown, OH.
57. Dinan, L., **Grooms, D.**, Thomas, L., McNally, M., Ithurburn, M., Onate, J., & Schmitt, L. (2016, February). Lower extremity biomechanics during a jump-landing task: A case report of an accidental injury in a research setting [Abstract]. *Journal of Orthopaedic & Sports Physical Therapy*, 46(1), A169. (Paper presented at the annual American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Anaheim, CA.)
58. Dinh, A., & **Hallowell, B.** (2016, May). *Pupillometric indices of cognitive effort during auditory sentence processing and viewing of multiple-image displays*. Poster session presented at the Clinical Aphasiology Conference, Charlottesville, VA.
59. Dinh, A., & **Hallowell, B.** (2016, November). *Indexing cognitive effort during auditory sentence processing: Pupil size or fixation duration?* Poster session presented at the annual convention of the

American Speech-Language-Hearing Association, Philadelphia, PA.

60. Donahue, M., **Simon, J. E.**, & Docherty, C. (2016, June 22-25). A descriptive investigation on the effects of clinical setting and years of experience in the clinical management of LAS [Abstract]. *Journal of Athletic Training*, 51(6), S-211. (Poster session presented at the National Athletic Trainers' Association Clinical Symposia & AT Expo, Baltimore, MD.)
61. **Ensign, K.**, Dodge, D. M., Herbenick, D., & Docherty, C. (2016, June). Athletic trainers' attitudes toward lesbian, gay, bisexual, and transgender patients [Abstract]. *Journal of Athletic Training*, 51(6), S-260. (Poster presentation at the National Athletic Trainers' Association Clinical Symposia & AT Expo, Baltimore, MD.)
62. Evans, J., & Gillam, R., & **Montgomery, J.** (2016, November). *Phonological working memory and vocabulary: A reexamination of the relationship between phonological working memory, vocabulary, and lexical processing in children with and without specific language impairment*. Poster presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
63. Evans, J., & Gillam, R., & **Montgomery, J.** (2016, June). *A reexamination of the relationship between phonological working memory, vocabulary, and lexical processing in children with and without specific language impairment*. Poster session presented at the Annual Symposium on Research in Child Language Disorders, Madison, WI.
64. Francis, J., Ball, C., **Brown, J. A.**, & Huang, T. (2016, October). *The mattering circle: How social gaming can promote mattering among older adults*. Paper presented at the International Academic Conference on Meaningful Play, East Lansing, MI.
65. Freisinger, G., Zifchock, R., Neary, M., Cameron, K., LaFiandra, M., **Grooms D.**, . . . Hillstrom, H. (2016, August 2-5). *Identifying risk factors for stress fracture in military cadets—A prospective study*. Paper presented at the meeting of the American Society of Biomechanics, Raleigh, NC.
66. Fuller, T., Ianni, E., & **Howe, C. A.** (2016, November 4-5). *Children's physical activity: Commercial activity trackers vs. video direct observation*. Poster session presented at the meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
67. Funk, K. R., List, E. O., **Berryman, D. E.**, Gase, G., Buchman, M., Hata, M., & Kopchick, J. J. (2016, November). Isolated mitochondria from liver and brain of long-lived growth hormone receptor gene disrupted mice demonstrate reduced respiration rates [Abstract]. *Growth Hormone IGF Res*, 30(Suppl 1), 111. (Poster session presented at the 8th international congress of the GRS and IGM Society, Tel Aviv, Israel.)
68. **Garlington, S.** (2016, November 9-11). *Particularities of faith-based social welfare provision: Organizational case studies*. Paper presented at the annual meeting of the Society for the Scientific Study of Religion, Atlanta, GA.
69. **Garlington, S.** (2016, July 12-14). *Community social welfare provision & religious actors: Constructing public space*. Paper presented at the annual conference of the Sociology of Religion Study Group, Lancaster, United Kingdom.
70. Gase, G., Henry, B. E., Comisford, R., List, E. O., Kopchick, J. J., & **Berryman, D. E.** Comparing methods for the measurement of oxygen consumption rate in both whole adipose tissue and isolated mitochondria reveals dissimilar trends with respect to depot and age [Abstract]. *Endocrine Reviews*, 37(2, suppl), 643. (Poster session presented at the meeting of the Endocrine Society, Boston, MA.)
71. Gillam, R., **Montgomery, J.**, & Evans, J. (2016, November). *Relationships among information processing abilities in school age children with and without SLI: A test of the general capacity limitation hypothesis*. Poster presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
72. Gillam, R., **Montgomery, J.**, & Evans, J. (2016, June). *A reexamination of the general capacity limitation hypothesis of SLI*. Poster presented at the Annual Symposium on Research in Child Language Disorders, Madison, WI.
73. Gornichec, B. M., Cooloqhan, B., & **Benigno, J. P.** (2016, March). *Use of on- and off-task language while drawing in children with ASD*. Poster session presented at the annual meeting of the Ohio Speech-Language-Hearing Association, Columbus, OH.

74. Gran, B., Whitehouse, P. J., Cronin, C. E., & Molchan, S. (2016, July). *A comparative analysis of responsible innovation*. Poster session presented at the international conference of the Alzheimer's Association, Toronto, Canada.
75. **Grooms, D. R.** (2016). *Neuroscience of motor learning*. Paper presented at the Division of Occupational Therapy, School of Health and Rehabilitation Sciences, The Ohio State University, Columbus, OH. (Invited)
76. **Grooms, D.** (2016, November 12). *Neuroplasticity and motor control after musculoskeletal injury*. Paper presented at the Motor Behavior Research Network, University of North Carolina, Greensboro, NC. (Invited)
77. **Grooms, D.** (2016). *Neuroplasticity in sports medicine clinical practice*. Paper presented at the Sports Medicine and Athletic Training, University of Toledo, OH. (Invited)
78. **Grooms, D.** (2016). *Neuroplasticity of musculoskeletal injury*. Paper presented at the University of Toledo, Department of Kinesiology Research Symposium, Toledo, OH. (Keynote)
79. **Grooms, D.** (2016). *Neural assay of knee motor control-fMRI methods*. Paper presented at the Cincinnati Childrens Medical Center, Cincinnati, OH. (Invited)
80. **Grooms, D. R.**, Chaudhari, A. M., Page, S. J., White, S. E., McNally, M. P., Nichols-Larsen, D., & Onate, J. A. (2016, June 22-25). *Visual motor control of drop landing following anterior cruciate ligament reconstruction*. Paper presented at the 67th annual meeting of the National Athletic Trainers' Association, Baltimore, MD.
81. **Grooms, D. R.**, Clark, B. C., Clark, L. A., Amano, S., Manini, T. M., & **Russ, D. W.** (2016, April 28-29). Relationship between white matter hyperintensity load and physical function and muscle strength in older adults [Abstract]. *Journal of Frailty in Aging*, 5(S1), 50. (Paper presented at the International Conference on Frailty & Sarcopenia Research, Philadelphia, PA.)
82. **Grooms, D.**, Lepley, A., & Needle, A. (2016, May 31-June 4). *New frontiers in musculoskeletal research: Neurophysiological testing in sports medicine*. Symposium conducted at the 63rd annual meeting of the American College of Sports Medicine, Boston, MA.
83. **Grooms, D.**, Lepley, A., & Needle, A. (2016, June 22-25). *Clinical implication of neuroplasticity musculoskeletal injury*. Symposium conducted at the 67th annual meeting of the National Athletic Trainers' Association, Baltimore, MD.
84. **Grooms, D.**, Lepley, L., & Onate, J. (2016, March 9-12). *Eccentric exercise as a mechanism to address neuroplasticity associated with ACL reconstruction: An exploratory study*. Paper presented at the annual meeting of the Great Lakes Athletic Trainers' Association, Wheeling, IL.
85. **Grooms, D. R.**, Page, S. J., Nichols-Larsen, D. S., Chaudhari, A. M. W., & Onate, J. A. (2016). *Motor-sensory neuroplasticity after ACL reconstruction*. Poster session presented at the 93rd annual conference of the American Congress of Rehabilitation Medicine, Chicago, IL.
86. **Grooms, D. R.**, Page, S. J., Nichols-Larsen, D. S., Chaudhari, A. M. W., & Onate, J. A. (2016). *Knee motor control brain-behavior relationship after anterior cruciate ligament injury*. Paper presented at The Ohio State University-Brian Performance Summit, Columbus, OH.
87. **Grooms, D. R.**, Page, S. J., Nichols-Larsen, D. S., Chaudhari, A. M. W., & Onate, J. A. (2016, May 31-June 4). *The brain-behavior relationship after anterior cruciate ligament reconstruction*. Paper presented at the 63rd annual meeting of the American College of Sports Medicine, Boston, MA.
88. **Grooms, D.**, Palmer, T., & Hoffman, B. (2016). *Dynamic knee stability*. Paper presented at the Atrium Medical Center Sports Medicine Symposium, Middletown, OH. (Invited)
89. **Grooms, D. R.**, Simon, J., & Onate, J. (2016, June 21). *Neuroplasticity and patient-reported outcomes after anterior cruciate ligament reconstruction*. Paper presented at the Athletic Trainers Osteoarthritis Consortium, Baltimore, MD.
90. **Grooms, D. R.**, Simon, J., & Onate, J. (2016, May 13). *The relationship between neuroplasticity associated with anterior cruciate ligament reconstruction and patient reported function*. Paper presented at the annual meeting of the Ohio Athletic Trainers' Association, Columbus, OH.



91. **Grooms, D. R., Simon, J. E., & Onate, J. A.** (2016, June 21). *Neuromuscular alterations following joint injury*. Paper presented at the Athletic Training Osteoarthritis Consortium, Baltimore, MD.
92. **Haghighi, M., & Hallowell, B.** (2016, May). *The effect of information structure on cognitive effort associated with language processing and comprehension*. Poster session presented at the Clinical Aphasiology Conference, Charlottesville, VA.
93. **Haghighi, M., & Hallowell, B.** (2016, November). *Behavioral and pupillometric indices of post-sentential processing effort*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
94. **Haile, Z. T., & Ice, G. H.** (2016, November). Do shifting living arrangements impact wellbeing among older persons in Ghana and South Africa? Poster session presented at the annual scientific meeting of the Gerontological Society of America, New Orleans, LA.
95. **Hall, J., Montgomery, J., & Schwartz, R.** (2016, November). Individual differences in children's online language processing. Seminar presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
96. **Hallowell, B.** (2016, October). *Proactively addressing cultural factors when serving Asian adults with aphasia: Access and validity of assessment*. Symposium conducted at the meeting of the American Congress of Rehabilitation Medicine, Chicago, IL.
97. **Hallowell, B.** (2016, November). *International research collaborations*. Research roundtable presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA. (Invited)
98. **Hallowell, B.** (2016, July). *Frameworks for conceptualizing aphasia: Relevance to everyday clinical practice*. Paper presented at the Annual Summer School in Neurolinguistics, Moscow, Russia. (Invited)
99. **Hallowell, B.** (2016, July). *Capturing competence: Strategies for learning about the true abilities of people with aphasia*. Paper presented at the Annual Summer School in Neurolinguistics, Moscow, Russia. (Invited)
100. **Hallowell, B.** (2016, May). *Communication empowerment with adults who have communication challenges*. Short course presented at Empower 2016 at the Universiti Kabangsaan, Kuala Lumpur, Malaysia. (Invited)
101. **Hallowell, B.** (2016, April). *Access to care in underserved regions of the world: Enhancing services for older adults with disabilities*. Paper presented at Lamar University, Beaumont, TX. (Invited)
102. **Hallowell, B.** (2016, March). *Global perspectives on aging, communication disorders, and access to care in underserved regions of the world*. Paper presented at the annual convention of the Ohio Speech-Language-Hearing Association, Columbus, OH. (Invited)
103. **Hallowell, B.** (2016, February). *Cognitive and linguistic approaches in aphasia intervention*. Paper presented at the annual convention of the Indian Speech-Language-Hearing Association, Mumbai, India. (Keynote)
104. **Hallowell, B.** (2016, February). *Differentiating competence from performance in adults with acquired neurogenic cognitive linguistic disorders*. Workshop presented at the Indian Speech-Language-Hearing Association, Mumbai, India. (Invited)
105. **Hallowell, B.** (2016, February). *Effective treatment planning and management for people with dementia*. Workshop presented at the Indian Speech-Language-Hearing Association, Mumbai, India. (Invited)
106. **Hallowell, B.** (2016, February). *National research programming in eyetracking and pupillometry to study cognitive and linguistic processing*. Paper presented at the Department of Science and Technology of the Government of India, New Delhi, India. (Invited)
107. **Hallowell, B.** (2016, February). *National research programming in dementia and aphasia*. Paper presented at the Department of Science and Technology of the Government of India, Hyderabad, India. (Invited)

108. **Hallowell, B.** (2016, February). *Neurogenic communication disorders*. Paper presented at the Indo-US Collaboration for Engineering Education, Northcap University, Gurgaon, India. (Invited)
109. **Hallowell, B., Chapman, L. R., Dinh, A., Haghighi, M., & Douds, L.** (2016, November). *Practical considerations for defining dependent measures when using pupillometry to study cognitive effort*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
110. **Hallowell, B., Hassan, F. H., Dinh, A., Xu, Y., Garringer, K., Chen, Z., Ahmad, K., & Tohit, N.** (2016, November). *Aging, disability, and access to care in Asia: Implications for adults with acquired neurogenic communication disorders*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
111. **Hamm, H., & Benigno, J. P.** (2016, November). *Linguistic and narrative analyses of preschool children's books: implications for speech-language therapy*. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.
112. **Hamm, H., & Benigno, J. P.** (2016, March). *Linguistic and narrative analysis of preschool children's books: Implications for therapy*. Poster session presented at the annual meeting of the Ohio Speech-Language-Hearing Association, Columbus, OH.
113. **Han, H., Park, T., & Kim, Y.** (2016, November). *Oropharyngeal transition time in unilateral stroke patients*. Poster session presented at annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
114. **Harris, L. L.** (2016, January). *Concussion management: Return to learn and participation*. Paper presented at the Ohio Association of Advanced Practice Nurses, Dublin, OH. (Invited)
115. **Harrison, M. & Lee, C.-Y.** (2016, May). Audiovisual integration in fricative production and perception by nonnative speakers [Abstract]. *Journal of the Acoustical Society of America*, 139, 2161. (Paper presented at the 171st meeting of the Acoustical Society of America, Salt Lake City, UT.)
116. **Hassan, F. H., & Hallowell, B.** (2016, November). *Comparison of temporal aspects of language processing between individuals with and without aphasia*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
117. **Hassan, F. H., & Hallowell, B.** (2016, November). *Distinguishing "art" from "craft": Implications on research and clinical practices involving people with dementia*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
118. **Henry, B. E., Berryman, D. E., Benencia, F., List, E. O., Kopchick, J. J., & Comisford, R.** (2016). Identification and analysis of immune cell populations in white adipose tissue depots of growth hormone receptor knockout and littermate control mice [Abstract]. *Endocrine Reviews*, 37(2 suppl), 635. (Poster session presented at the meeting of the Endocrine Society, Boston, MA.)
119. **Henry, B. E., Benencia, F., Comisford, R., List, E. O., Kopchick, J. J., & Berryman, D. E.** (2016, November). Identification and analysis of immune cell populations in white adipose tissue depots of growth hormone receptor knockout mice [Abstract]. *Growth Hormone IGF Research*, 30(Suppl 1), 60. (Poster session presented at the 8th international congress of the GRS and IGF Society, Tel Aviv, Israel.)
120. **Heuer, S., Hallowell, B., & Ivanova, M.** (2016, May). *Bottom-up influences on visual attention in image-based language tasks in people with aphasia*. Poster session presented at the Clinical Aphasiology Conference, Charlottesville, VA.
121. **Hoffman, B., & Grooms, D.** (2016, June 22-25). *Mysteries of the hip*. Symposium conducted at the 67th annual meeting of the National Athletic Trainers' Association, Baltimore, MD.
122. **Horton, E., Swisher, A., McCallum C., Sindelar, B., & Howman, J.** (2016, February). *Clinical performance outcomes following integrated clinical education experiences: A comparison of four models*. Poster session presented at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Anaheim, CA.
123. **Hotta, N., Ogata, H., Kondo, T., Ishida, K., & Kushnick M.** (2016, May 31-June 4). Effect of blood flow restricted cycle training on oxygen uptake kinetics at the onset of exercise [Abstract]. *Medicine*

- and *Science in Sports and Exercise*, 48(5), 13. (Paper presented at the annual meeting of the American College of Sports Medicine, Boston, MA.)
124. **Howe, C. A., McElhiney, D., Clevenger, K. A., Mihalic, C., & Ragan, M. A.** (2016, June 1). *4-item facial affective scale for assessing children's real-time enjoyment of physical activity*. Paper presented at the annual meeting of the American College of Sports Medicine, Boston, MA.
  125. **Howman, J., Horton, E., Duke, J., Swisher, A., McCallum, C., & Sindelar, B.** (2016, February). *Clinical performance outcomes following integrated clinical education experiences: A comparison of four models*. Paper presented at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM, Anaheim, CA).
  126. **Howman, J., & Swisher, A.** (2016, February). *Increasing clinician awareness of the shared vision for clinical education in physical therapist education: A student project*. Poster session presented at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Anaheim, CA.
  127. **Hunt, R., Chapman, J., Behnfeldt, J., Harrison, L., Luzar, J., Applegate, M., Cocumelli, C., Clevidence, M., Tanda, R., Hotta, N., & Kushnick, M.** (2016, May 31-June 4). Postprandial lipemia following 24 hours of overeating and a single treadmill walk [Abstract]. *Medicine and Science in Sports and Exercise*, 48(5), 383-384. (Poster session presented at the annual meeting of the American College of Sports Medicine, Boston, MA.)
  128. **Hunt, T. N., Harris, L. L., & Langdon, J. L.** (2016, June 22-25). The psychological impact of sport-related concussion on low socioeconomic status adolescent athletes [Abstract]. *Journal of Athletic Training*, 51(6 Suppl), S-100. (Paper presented at the 59th annual meeting and clinical symposia of the National Athletic Trainers' Association, Baltimore, MD.)
  129. **Ice, G. H., & Haile, Z. T.** (2016, November). Changing family landscapes: Living arrangements and wellbeing among Indian and Chinese elders [Abstract]. *Gerontologist*, 56(Suppl 3), 297. <https://doi.org/10.1093/geront/gnw162.1209> (Paper presented at the annual scientific meeting of the Gerontological Society of America, New Orleans, LA.)
  130. **Ice, G. H., & Haile, Z. T.** (2016, March). *Co-residence, health and wellbeing among older adults in China and India*. Poster session presented at the Population Association of America Meetings, Washington, DC.
  131. **Ice, G. H., & Haile, Z. T.** (2016, April). Co-residence, health and wellbeing among older adults in South Africa and Ghana [Abstract]. *American Journal of Human Biology*, 29(2), 282. (Paper presented at the Human Biology Association Meetings, Atlanta, GA.)
  132. **Ice, G. H., & Sadrurddin, A. F. A.** (2016, February). *Benefits and burdens of caregiving on aging, health, and quality of life*. Paper presented at the American Association for the Advancement of Science, Boston, MA.
  133. **Isaac, E., Wayner, R., & Clevidence, M.** (2016, November 4-5). *Musculoskeletal and biomechanical recovery after an ultramarathon*. Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
  134. **Janszen, C., Swain, C., Moskowitz, S., Rana, S., Clevidence, M., Klein, J., & Wayner, R.** (2016, November 4-5). *Evaluation of the best physiological predictor of endurance running performance in D1 female runners*. Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
  135. **Jeng, F.-C., Lin, C.-D., Hollister, G. R., Sabol, J. T., Wang, T.-C., & Wang, C.-Y.** (2016, May 23-27). Development of subcortical pitch representation in three-month-old Chinese infants [Abstract]. *Psychological and Physiological Acoustics: Temporal Aspects of Auditory Processing*, p. 2157, #4aPP21. (Poster session presented at the 171th Meeting of the Acoustical Society of America, Salt Lake City, UT.)
  136. **Jing, X., Lekey, F., Kacpura, A., & Jefford, K.** (2016, November 5-7). Health indicators within EHR systems in primary care settings: Availability and their representation [Abstract]. *Lecture Notes in Computer Science*, 10038, 161-167. [https://doi.org/10.1007/978-3-319-48335-1\\_18](https://doi.org/10.1007/978-3-319-48335-1_18) (Paper presented at the 5th International Conference on Health Information Science (HIS 2016), Shanghai, China.)

137. Kerr, Z., **Grooms, D.**, **Simon, J.**, Roos, K., & Dompier, T. (2016, October 29-November 2). *Descriptive epidemiology of injuries in college football scrimmages, regular practices, and walkthroughs, 2004/05 to 2008/09*. Paper presented at the meeting of the American Public Health Association, Denver, CO.
138. Kim, K. M., Oh, J. H., Kim, J. S., & **Grooms, D.** (2016, June 22-25). *Visual feedback contribution to postural control*. Paper presented at the 67th annual meeting of the National Athletic Trainers' Association, Baltimore, MD.
139. **Kingori, C.**, Bianco, J., Pavey, L., Jamu, L., **Marape, M.**, Said, N., & **Silmi, K.** (2016, October 29-November 2). *Recommendations for developing culturally appropriate communication strategies to address sexual violence among orphaned and vulnerable children in Botswana*. Paper presented at the 144th annual meeting and expo of the American Public Health Association (APHA), Denver, CO.
140. Kapple, B., & **Russell, J. A.** (2016, July 7). *Concussion knowledge of theater personnel*. Paper presented at the 34th annual symposium of the Performing Arts Medicine Association, New York, NY.
141. Kim, K. M., Oh, J. H., Kim, J. S., & **Grooms, D.** (2016, June 22-25). *Visual feedback contribution to postural control*. Paper presented at the 67th annual meeting and clinical symposium of the National Athletic Trainer's Association, Baltimore, MD.
142. Kowalski, J., List, E. O., **Berryman, D. E.**, Benencia, F., Comisford, R., Henry, B. E., & Kopchick, J. J. (2016). Weight cycling modulates changes in white adipose tissue immune cell populations in mice [Abstract]. *Endocrine Reviews*, 37(2 suppl), 642. (Poster session presented at the meeting of the Endocrine Society, Boston, MA.)
143. Lee, J., & **Lee, C.-Y.** (2016, May). Effects of voice-onset-time and talker variability on lexical access [Abstract]. *Journal of the Acoustical Society of America*, 139, 2018. (Paper presented at the 171st meeting of the Acoustical Society of America, Salt Lake City, UT.)
144. **Lee, M.** (2016, February 1-3). *Field practicum as signature pedagogy in social work education*. Poster session presented at the 19th annual conference of the American Association of Behavioral and Social Sciences, Las Vegas, NV.
145. **Lee, M.** (2016, November 2-6). *Advancing collaborative approaches for Korean Americans in social work practice and research*. Paper presented at the 62nd annual meeting of the Council on Social Work Education, Atlanta, GA.
146. List, E. O., **Berryman, D. E.**, Kowalski, J., Sarkes, C., Buckman, M., Stevens, A., . . . Kopchick, J. J. (2016). Lifespan data from multiple tissue-specific GH receptor gene disrupted mouse lines indicate that removal of GH action in adipose tissue is detrimental to aging, while removal in muscle or liver is not [Abstract]. *Endocrine Reviews*, 37(2 suppl), OR40-3. (Poster session presented at the meeting of the Endocrine Society, Boston, MA.)
147. List, E. O., **Berryman, D. E.**, Jara, A., Buchman, M., Suer, O., Ruz, P., . . . Kopchick, J. J. (2016). *Disrupting GH action specifically in liver, muscle, cardiac or adipose tissue produces mice with dramatically different physiologies and aging profiles*. (Paper presented at the 8th international congress of the GRS and IGF Society, Tel Aviv, Israel.)
148. Liu, L., Louko, L., **Hallowell, B.**, Jiang, J., Lee, W., Lynch, L., Watson, J., & Rogers, M. (2016, November). *Developing a sustainable discipline: The China experience*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
149. Ma, H., Liu, W., Nahar, P. P., DaSilva, N., Wei, Z., Pharm, P. P., **Vattem, D. A.**, & Seeram, N. P. (2016, March 13-17). *Phenolic-enriched maple syrup extract shows neuroprotective effects in murine microglial cells and delays  $\beta$ -amyloid aggregation induced neurotoxicity and paralysis of *Caenorhabditis elegans**. Paper presented at the 251st annual meeting of the American Chemical Society, San Diego, CA.
150. **Magdinec, C.**, **Oddis, J.**, **Weyant, J.**, **Rana, S.**, **Wayner, R.**, & **Klein, I.** (2016, November 4-5). *Effects of 4 weeks of elliptical bicycle training on subjective variables in experienced runners*. Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
151. **Manning, C.**, **Cassidy, A.**, & **Howe, C. A.** (2016, November 4-5). *Activity tracker accuracy in measuring children's locomotive, sport and free-play physical activity*. Poster session presented at the meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.

152. **McCarthy, J., Buchman, S., & DiGiovanni, J.** (2016, November). *Using the SEGUE framework to discuss & understand interprofessional encounters*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
153. **Meier, R. S.** & Wright, J. M. (2016, August). *Assessment and interventions for children with disabilities: Presentation to special education teachers in Botswana*. Lecture presented at Central Resource Center in Tiokweng, Botswana. (Invited)
154. Memiah, P., Muhula, S., **Kingori, C.**, Mbizo, J., & Hill, A. (2016, October 29-November 2). *Adaptive scenarios in quality improvement (QI): A case study of an international health development and research organization embracing change*. Paper presented at the 144th annual meeting and expo of the American Public Health Association (APHA), Denver, CO.
155. Memiah, H., Hill, A., Hauk, M., **Kingori, C.**, & Mbizo, J. (2016, October 29-November 2). *Partner age, early sexual debut, multiple sex partners and intimate partner violence in Kenya: Findings from a national health survey*. Poster session presented at the 144th annual meeting of the American Public Health Association's (APHA), Denver, CO.
156. Memiah, P., Mbizo, J., Onyuka, B., Igowu, A., **Kingori, C.**, Hill, A., . . . Owour, K. (2016, July 18-22). *Adherence to antiretroviral treatment (ART) among adolescents in Nairobi County, Kenya*. Poster session presented at the International AIDS Conference, Durban, South Africa.
157. Metzger, N., Daggett, T., Noble, S., Thomas, A., & **Sindelar, B. J.** (2016, February). *Low back pain and pelvic floor dysfunction: A case study*. Poster session presented at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Anaheim, CA.
158. **Miller, C.**, & **Vogt, M.** (2016, October). *Reducing unnecessary proton pump inhibitor use in long term care*. Poster session presented at the conference of the Ohio Association of Advanced Nurse Practitioners, Columbus, OH.
159. **Montgomery, J.**, Gillam, R., & Evans, J. (2016, November). *Spoken sentence comprehension in children with SLI*. Poster presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.
160. **Montgomery, J.**, Gillam, R., & Evans, J. (2016, June). *Spoken sentence comprehension in children with SLI*. Poster presented at the Annual Symposium on Research in Child Language Disorders, Madison, WI.
161. **Morrone, M.** (2016, November). *Environmental health in Appalachian places*. Poster session presented at the Appalachian Translational Research Network, Cincinnati, OH.
162. **Morrone, M.** (2016, March). *Ailing in place: Environmental health in Appalachia*. Paper presented at the Appalachian Studies Association, Shepherdstown, WV.
163. Mort, S. C., **Ice, G. H.**, & Haile, Z. T. (2016, April). *The association between obesity, happiness and quality of life among older adults in South Africa and Ghana* [Abstract]. *American Journal of Human Biology*, 28(2), 288. (Poster session presented at the meeting of the Human Biology Association, Atlanta, GA.)
164. Niesen, D. B., Yuan, T., Ma, H., Shah, N., Liu, W., Crews, R., **Vattem, D.**, & Seeram N. P. (2016, March 13-17). *Neuroprotective effects of urolithins, pomegranate ellagitannin-gut microbial derived metabolites: In silico, in vitro, and in vivo studies*. Paper presented at the annual meeting of the American Chemical Society, San Diego, CA.
165. Oddis, J., Madinec, C., Weyant, J., **Rana, S.**, **Wayner, R.**, & Klein, J. (2016, November). *Physiological changes of replacing run training with elliptical bicycle training over 4 weeks in male runners*. Poster presentation at the annual meeting of the Midwest Chapter American College of Sports Medicine, Ft. Wayne, IN.
166. Onate, J., Starkel, C., Borchers, J., Chaudhari, A., Clifton, D., Comstock, D., Cortes, N., **Grooms, D.**, . . . Best, T. (2016 May 31-June 4). *Injury history predicts musculoskeletal lower extremity injury risk in healthy high school athletes: The FPPE Project* [Abstract]. *Medicine and Science in Sports and Exercise*, 49(5, Suppl 1), 36 (187 Board #24). <https://doi.org/10.1249/01.mss.0000485118.85547.4b> (Poster session presented at the annual meeting of American College of Sports Medicine, Boston, MA.)
167. Osborne, L., Harrison, L., Chen, G., Pitcairn, S., Hotta, N., & **Kushnick, M.** (2016, November 4-5).

*Glycemic and insulinemic response to acute blood flow restricted walking.* Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Ft. Wayne, IN.

168. Park, T., Oh, B., & **Kim, Y.** (2016, November). *Laryngeal closure during swallowing in subcortical stroke survivors.* Poster session presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
169. Rohrer, K., **McCarthy, J. W.**, **Russell, J. A.**, & Celestina, R. (2016, July 10). *The saliency of the 'singer' identity and the pursuit of the "ideal" singer as measured by the SIAA (Singer Identity and Attitudes) questionnaire.* Poster session presented at the 54th conference of the National Association of Teachers of Singing, Chicago, IL. **(Best conference poster award)**
170. Rohrer, K., **Russell, J. A.**, Celestina, R., & **McCarthy, J.** (2016, July 7). *Saliency of the "singer" identity in classical singers and the pursuit of the "ideal" singer.* Paper presented at the 34th annual symposium of the Performing Arts Medicine Association, New York, NY.
171. Rumbaugh, D., Kulp, S., & **Howe, C. A.** (2016, November 4-5). *The STEP study: Evaluating children's step rate for locomotive & free-play physical activity.* Poster session presented at the meeting of the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
172. Rusli, Y., & **Montgomery, J.** (2016, November). *The specificity of verbal working memory tasks in predicting sentence comprehension.* Poster presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
173. **Russ, D. W.** (2016). *Quantity and quality in aging skeletal muscle.* Paper presented at the Research in Progress Forum, Columbus, OH. Sponsor: Davis Heart and Lung Research Institute. (Invited)
174. **Russ, D. W.**, Garvey, S. M., Herman, S., & Hawks, T. A. (2016, April 28-29). Pilot study of fish oil to enhance muscle function and injury resistance in young and old rats [Abstract]. *Journal of Frailty in Aging*, 5(S1), 118. (Paper presented at the International Conference on Frailty & Sarcopenia Research, Philadelphia, PA.)
175. **Russell, J. A.** (2016, March 9-12). *Out of your box and into the theater: Athletic training for university performing arts.* Paper presented at the annual symposium of the Great Lakes Athletic Trainers' Association, Wheeling, IL.
176. **Russell, J. A.** (2016, March 31). *Performing arts athletic training.* Panel session presented at the Wisconsin Athletic Trainers' Association Student Conference. (Invited; via Internet)
177. **Russell, J. A.** (2016, July 21). *Out of your box and into the theater: Athletic training for university performing arts.* Paper presented at the Southwest Athletic Trainers' Association Annual Symposium Arlington, TX. (Invited)
178. **Russell, J. A.** (2016, July 22). *Management of concussion in dancers.* Paper presented at the Southwest Athletic Trainers' Association Annual Symposium, Arlington, TX. (Invited)
179. **Russell, J. A.** (2016, September 10). *The role of athletic trainers in performing arts.* Paper presented at the conference of the Chapman University/Performing Arts Medicine Association, Orange, CA. (Invited)
180. **Russell, J. A.**, Morton, J., & Kish, R. (2016, July 5). *Recognizing and preventing health issues in dance students.* Paper presented at the annual symposium preconference of the Performing Arts Medicine Association, New York, NY. (Invited)
181. **Russell, J. A.**, & Wilmerding, G. (2016, July 6). *Improving strength, fitness, and flexibility in dancers.* Paper presented at the annual symposium preconference of the Performing Arts Medicine Association, New York, NY. (Invited)
182. **Russell, J. A.**, & Yamaguchi, M. (2016, July 7). *Noise exposure of healthcare personnel working with marching band.* Paper presented at the 34th annual symposium of the Performing Arts Medicine Association, New York, NY.
183. **Schuller, K.** (2016, May). *Improving access to care for patients with Parkinson's disease in rural southeast Ohio.* Poster session presented at the 39th annual meeting of the National Rural Health Association, Minneapolis, MN.
184. **Shadik, J. A.**, & Perkins, N. H. (2016, August). *Predictors of sibling physical assault: A secondary data analysis.* Poster session presented at the 21st

International Summit on Violence, Abuse & Trauma, San Diego, CA.

Global Brain Health and Performance Conference, Columbus, OH.

185. **Shadik, J. A.** (2016, January). *Fathering and child maltreatment: Understanding the impact of change in fathers' lives*. Paper presented at the 20th annual conference of the Society for Social Work Research, Washington, DC.
186. **Simon, J., Grooms, D., & Docherty, C.** (2016, June 22-25). The impact of osteoarthritis following knee surgery on health-related quality of life in former collegiate athlete's [Abstract]. *Journal of Sports Medicine and Allied Health Sciences*, 2(1), Article 6. (Paper presented at the annual meeting of Ohio Athletic Trainers' Association, Columbus, OH.)
187. **Simon, J., Grooms, D. R., & Onate, J.** (2016). *The relationship between patient-reported outcomes and neuroplasticity in individuals after anterior cruciate ligament reconstruction*. Paper presented at the Ohio State University-Brian Performance Summit, Columbus, OH.
188. **Simon, J. E., Grooms, D. R., & Docherty, C. L.** (2016, June 22-25). The impact of osteoarthritis following knee surgery on knee function in former collegiate athletes [Abstract]. *Journal of Sports Medicine & Allied Health Sciences*, 2(1), Article 6. Retrieved from <http://scholarworks.bgsu.edu/jsmahs/vol2/iss1/6> (Paper presented at the 67th annual meeting of the National Athletic Trainers' Association. Baltimore, MD.)
189. **Simon, J. E., Grooms, D. R., & Docherty, C. L.** (2016, June 22-25). The impact of osteoarthritis following knee surgery on knee function in former collegiate athletes [Abstract]. *Journal of Athletic Training*, 51(6), S-112. (Paper presented at the National Athletic Trainers' Association Clinical Symposia & AT Expo, Baltimore, MD.) **(Doctoral Oral Finalist)**
190. **Simon, J. E., & Docherty, C. L.** (2016, March 9-12). *Current health related quality of life in former collegiate athletes that sustained an injury requiring surgical intervention*. Paper presented at the winter symposium of the Great Lakes Athletic Trainers' Association, Wheeling, IL.
191. **Simon, J. E., Grooms, D. R., & Onate, J. A.** (2016, May). *The relationship between patient-reported outcomes and neuroplasticity in individuals after ACL reconstruction*. Poster session presented at the
192. **Simon, J. E., Grooms, D. R., & Docherty, C. L.** (2016, May). *The Impact of osteoarthritis following knee surgery on knee function in former collegiate athletes*. Poster session presented at the annual meeting of the Ohio Athletic Trainers' Association. Dublin, OH.
193. **Simonsmeier, V., Gillam, R., Montgomery, J., & Evans, J.** (2016, November). *Impact of family and child factors on the language skills of school-age children*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
194. **Sinha, G., & Howe, C.** (2016, May 19-20). An ontology pattern for semantic analysis of multi-sensor observations of children's activities in school playgrounds [Abstract]. Retrieved from <http://ncgia.buffalo.edu/OntologyConference/Abstract/Sinha.pdf> (Paper presented at session entitled Ontological Approaches to Sensor Data Analysis at the National Center for Geographic Information and Analysis (NCGIA), University at Buffalo, Buffalo, NY.)
195. **Sinha, G., & Howe, C.** (2016, September 27). An ontology design pattern for semantic modelling of children's physical activities in school playgrounds [Abstract]. Retrieved from <https://pdfs.semanticscholar.org/4aa4/89c5925d0dae0381e93c0c3cc1fee825db03.pdf> (Workshop presented at the 9th International Conference on Geographic Information Science, GIScience 2016, Montreal, Canada.)
196. **Sotos-Prieto M., Bhupathiraju, S. N., Mattei, J., Fung, T. T., Li, Y., Pan, A., . . . Hu, F. B.** (2016). *Changes in three diet quality scores and total and cause-specific mortality*. Paper presented at the Epi/Lifestyle scientific sessions of the American Heart Association, Phoenix, AZ.
197. **Sotos-Prieto M., Cash, S. B., Christophi, C., Folta, S., Moffatt, S., Muegge, C., . . . Kales, S. N.** (2016). *Rationale and design of Feeding America's bravest: Mediterranean diet-based intervention to change firefighters' eating habits and improve cardiovascular risk profiles*. Poster session presented at the conference of the New England College of Medicine, Boston, MA
198. **Sotos-Prieto, M., Bhupathiraju, S. N., Falcon, L. M., Gao, X., Tucker, K. T., & Mattei, J.** (2016). *Association between a healthy lifestyle score and inflammatory markers among Puerto Rican adults*. Poster session

presented at the Epi/Lifestyle scientific sessions of the American Heart Association, Phoenix, AZ.

199. **Starkey, C.** (2016, October 21). *Commonly cited post-professional standards*. Paper presented at the accreditation conference of the Commission on Accreditation of Athletic Training Education (CAATE), Tampa, FL.
200. **Starkey, C.**, & Docherty, C. (2016, October 21). *The role of advanced training in the continuum of practice*. Paper presented at the accreditation conference of the *Commission on Accreditation of Athletic Training Education* (CAATE), Tampa, FL.
201. **Starkey, C.** (2016, October 21). *Post-professional peer-to-peer discussion*. Paper presented at the accreditation conference of the *Commission on Accreditation of Athletic Training Education* (CAATE), Tampa, FL.
202. Swain, A. & **Lee, C.-Y.** (2016, April). *Acoustic analysis of stop consonants produced by English-language learners*. Paper presented at the 15th International Conference on Humanities and Social Science (HUSOC), Istanbul, Turkey.
203. Swain, A. & **Lee, C.-Y.** (2016, February). *Acoustic analysis of stop consonants produced by English-language learners*. Paper presented at the 3rd International Conference on Education and Social Sciences, Istanbul, Turkey.
204. **Tanda, R.**, Beverly, E. Hughes, K., **Kushnick, M.**, & Justice H. (2016, March). *Survey of Ohio nurse practitioners' childhood obesity preventive practices*. Poster session presented at the 40th conference of the Midwest Nursing Research Society, Milwaukee, WI.
205. **Taylor, B.**, & **Howe, C. A.** (2016, November 4-5). *Teaching HENRY: Effect of a child-friendly program on nutrition knowledge and behavior*. Poster session presented at the meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
206. **Taylor, S.**, **Ice, G. H.**, & Haile, Z. T. (2016, March). *Preventing health behaviors, and quality of life*. Paper presented at the meeting of the Population Association of America, Washington, DC.
207. **Thomas, J.** (2016, February 5). *Virtual reality in rehabilitation: What do I need to know?* Paper presented at the Marquette-Pitt Challenge Fund Raiser, Virginia Commonwealth University, VA.
208. Tippner, H., Arquines, C., & **Howman, J.** (2016, October 7-9). *Building and sustaining a culture of clinical education: Discovering value and promoting excellence*. Educational session presented at American Physical Therapy Association Education Leadership Conference, Phoenix, AZ.
209. **Troike, K. M.**, **Henry, B. E.**, **Gase, G. C.**, Young, J. A., List, E. O., Kopchick, J. J., & **Berryman, D. E.** (2016, November). Quantification of UCP1 and oxygen consumption rate in adipose tissue depots of bGH mice [Abstract]. *Growth Hormone IGF Research*, 30(Suppl 1), 81. (Poster session presented at the 8th international congress of the GRS and IGF Society, Tel Aviv, Israel.)
210. **Vaughan, B.**, **Fischbach, C.**, **Geruntino, L.**, & **Howman, J.** (2016, May). *Clinical education placement patterns of a rural doctor of physical therapy program: Trends over eight years*. Poster session presented at the 39th annual conference of the National Rural Health Association, Minneapolis, MN.
211. **Vinson, S.**, Merb-Brown, W., & **Sindelar, B. J.** (2016, February). *Learning communities for first-year DPT students*. Poster session presented at the American Physical Therapy Association (APTA) Combined Sections Meeting (CSM), Anaheim, CA.
212. **Vogt, M.**, & **Miller, C.** (2016, October). *A shared preceptor model: Innovation in nurse practitioner clinical education*. Poster session presented at the national conference of the Professional Nurse Educators Group, Columbus, OH.
213. **Wayner, R.**, & **Clevidence, M.** (2016, November 4-5). *Musculoskeletal and biomechanical recovery after an ultramarathon*. Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
214. Weaver, A., Burford, J., & **DiGiovanni, J. J.** (2016, March). *How does musical training impact auditory streaming?* Poster session presented at the 2016 meeting of the American Auditory Society, Scottsdale, AZ.
215. **Weimer, L.**, **Clevidence, M.**, **Rana, S.**, & **Wayner, R.** (2016, November 4-5). *Perception is reality: a case study of the nutrition and pacing strategy of an*



- ultramarathon runner*. Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.
216. Welch, S., Fisher, C., & **Russell, J. A.** (2016, July 9). *Effects of bench height variation on muscle activation in pianists*. Poster session presented at the 34th annual symposium of the Performing Arts Medicine Association, New York, NY.
217. **Wright, J.** (2016, June). *Being a sojourner in Appalachia*. Paper presented at the Ohio Prevention and Education Council, Athens, OH. (Invited)
218. **Xu, L.** (2016, May 27-30). *Mechanisms and acoustic simulations of cochlear implants*. Paper presented at the 13th Seminar on the Diagnosis and Treatment of Hearing and Vertigo Disorders, Beijing Institute of Otolaryngology/Beijing Tongren Hospital, Beijing, China. (Invited)
219. **Xu, L.** (2016, May 28-30). *Perception and production in children with hearing aids and cochlear implants*. Paper presented at the 2016 Beijing International Audiology Conference, Beijing, China. (Invited)
220. **Xu, L.** (2016, June 6). *Relative contributions of temporal fine structure and envelope cues to tone and sentence recognition in noise*. Paper presented at the South University of Science and Technology of China, Shenzhen, China. (Invited)
221. **Xu, L.** (2016, June 8). *Speech perception and production in children with hearing aids and cochlear implants*. Paper presented at the First Affiliated Hospital of Jinan University, Guangzhou, China. (Invited)
222. **Xu, L.** (2016, June 16-20). *Psychoacoustics*. Paper presented at the 2016 National Standardized Training in Audiology, Beijing Institute of Otolaryngology/Beijing Tongren Hospital, Beijing, China. (Invited)
223. **Xu, L.** (2016, July 24). *Bases of clinical audiology—Psychoacoustics*. Paper presented at the Lanzhou the Second People's Hospital, Lanzhou, China. (Invited)
224. **Xu, L.** (2016, July 24). *Characteristics of clinical evaluation and perceptual experiments on auditory neuropathy*. Paper presented at the Lanzhou the Second People's Hospital, Lanzhou, China. (Invited)
225. **Xu, L.** (2016, August 10). *Audiology at OHIO*. Paper presented at the Shenzhen the Second People's Hospital, Shenzhen, China. (Invited)
226. Yamaguchi, M., & **Russell, J. A.** (2016, July 7). *The perceptions of injured dancers by uninjured dancers in a university setting*. Poster session presented at the 34th annual symposium of the Performing Arts Medicine Association, New York, NY.
227. **Yom, J.**, Arnett, S., & Simpson, K. (2016, May 31-June 4). Effect of limb dominance on landing biomechanics prior to a cutting movement [Abstract 2648]. *Medicine & Science in Sports & Exercise*, 48(Suppl 5S), 739. (Poster session presented at the annual meeting of the American College of Sports Medicine, Boston, MA)
228. **Yu, K.**, **Wayner, R.**, Smith, J. (2016, October). *Reliability and concurrent validity of a 2D observational gait analysis tool*. Poster presented at the 2016 Ohio Physical Therapy Science Symposium, Columbus, OH.

## Grants and Contracts Awarded

### INTRAMURAL GRANTS

- Benigno, J.** (Co-I), **McCarthy, J.** (Co-I), **Lee, C.-Y.**, (Co-I), & **Taylor, S.** (Co-I). (2014-2016). *Enhancing Undergraduate Student Learning Through the Construction of Evidence-Based Materials to Families of Children with Autism with Graduate Student and Faculty Mentorship*. Ohio University 1804 Fund, \$20,700.
- Berryman, D.**, **Schwartz, F.**, **Bailey, K.**, **Coshigano, K.**, **Standley, M.**, **Cook, K.**, **Trace, K.**, & **Howe C. A.** (Co-I) (FY16). *Planning for the Diabetes Think Tank*. Ohio University Innovation Strategy Planning Grant, \$20,000.
- Cronin, C.** (FY16). *Understanding the Intentions and Efficacy of Community Benefit.” Proposal for funding for student research apprentice*. Honors Tutorial College Research Apprenticeship Program, \$3,000.
- Grooms, D.** (PI), **Simon, J.**, **Yom, J.**, **Crow, A.**, **Harris, L.**, **Wayner, R.**, & **Soliman, F.** (FY16). *Optimizing Concussion Evaluation & Recovery: The Utilization of Innovative Technology*. Ohio University 1804 Fund, \$25,300.
- Howman, J.**, **Meier, R.**, **Wright, J.** (FY16). *Interprofessional Education: A Pilot Study Comparing an International Service Learning Model with Traditional Domestic Educational Experiences*. College of Health Sciences and Professions, Teaching Effectiveness Research Grant, \$5,000.
- Miller, C.**, **Vogt, M.**, & **Dipiazza, P.** (FY16). *A Shared Preceptor Model (SPM): Innovation in Nurse Practitioner Clinical Education*. College of Health Sciences and Professions, Innovation Research Grant, \$10,000.
- Schuller, K.** (PI). (FY16). *Interdisciplinary Research Award*. Department of Social and Public Health, College of Health Sciences and Professions, Ohio University, \$1,482.
- Simon, J.**, **Grooms, D.**, & **Yom, J.** (FY16). *Functional Evaluation to Predict Lower Extremity Musculoskeletal Outcomes*. College of Health Sciences and Professions, Interdisciplinary Research Grant, \$10,000.
- Simon, J.** (PI), **Grooms, D.** (Co-I), & **Yom, J.** (Co-I). (FY16). *Functional Evaluation to Predict Lower Extremity Musculoskeletal Outcomes*. Ohio University College of Health Sciences and Professions, \$10,000.
- Simon, J. E.** (PI), **Grooms, D.** (Co-I), & **Yom, J.** (Co-I). (FY16). *Functional Evaluation to Predict Lower Extremity Musculoskeletal Outcomes After Injury*. Ohio University College of Health Science and Professions, Interdisciplinary Research Grant, \$10,000.
- Tanda, R.** (PI), & **Chertok, I.** (Co-PI). (FY16). *Interaction Effects of Maternal Smoking and Infant Feeding Type on Infant Microbiome*. School of Nursing Internal Research Grant, \$5,782.
- Tanda, R.** (PI). (FY16). *Survey of Ohio Nurse Practitioners’ Childhood Obesity Preventive Practice*. College of Health Sciences and Professions Interdisciplinary Research Grant, \$8,680.

### EXTRAMURAL GRANTS AND CONTRACTS

#### Fiscal Year 2016

- Beatty, M.** (PI, 100%). (FY16). *HeartWorks*. OhioHealth O Bleness, \$235,256.
- Benigno, J.** (PI, 85%), **Taylor, S.** (Co-I, 10%), **McCarthy, J.** (Co-I, 5%). (FY16). *Training Future SLPs About Autism Through Outreach to School SLPs in Rural Appalachia*. Autism Speaks, Inc., \$5,000.
- Bowlby, M.** (PI, 100%). (FY16). *Kids Fest Oral Health Booth*. NCCPA HealthFoundation, \$464.

- Buchman, S.** (Project Director, 100%). (FY16). *Choose Ohio First Scholarship Program-Supplement*. Ohio Board of Nursing, \$237, 079.
- Chleboun, G.** (PI, 100%). (FY16). *OUTA Contract*. Wellston City School District, \$1,273.
- Chleboun, G.** (PI, 100%). (FY16). *OUTA Contract*. Echoing Meadows Residential Center, \$3,250.
- Chleboun, G.** (PI, 100%). (FY16). *OUTA Contract*. Meigs County Board of Developmental Disabilities, \$4,003.
- Chleboun, G.** (PI, 100%). *OUTA Contract*. Hocking County Board of Developmental Disabilities, \$10,837.
- Chleboun, G.** (PI, 100%). (FY16). *OUTA Contract*. Buckeye Hills Career Center, \$36,150.
- Chleboun, G.** (PI, 100%). (FY16). *OUTA Contract*. Logan-Hocking Local School District, \$51,824.
- Chleboun, G.** (PI, 100%). (FY16). *OUTA Contract*. OhioHealth OBleness Health System, \$1,569,257.
- Clark, B. (PI), **Grooms, D.** (Co-I, 40%), **Thomas, J.**, France, C., **Russ, D.**, Clark, L., Amano, S., Law, T., & Rush, L. (FY16). *Innovative Neurophysiological Techniques for Assessing Trunk Muscle Control and Function*. NIH/National Center for Complementary and Integrative Health R21, \$413,875.
- Clark, B. (Project Director, 88%), **Thomas, J.** (Co-I, 3%), **Russ, D.** (Co-I, 3%), Nakazawa, M. (Co-I, 2%), Gau, J.-T. (Co-I, 2%), France, C. (Co-I, 2%). (FY16). *Neural Mechanisms of Dynapenia*. National Institutes of Health, \$347,351.
- Clark, B. (Project Director, 80%), Nakazawa, M. (Co-I, 5%), **Russ, D.** (Co-I, 5%), **Thomas, J.** (Co-I, 5%), Walkowski, S. (Co-I, 5%). (FY16). *Novel Exercise Interventions to Improve Trunk Muscle Function: A Pilot Study*, National Institutes of Health, \$196,020.
- Dick, L.** (PI, 100%). (FY16). *Choose Ohio First Nursing Program*. Ohio Department of Higher Education, \$237,079.
- DiGiovanni, J.** (PI, 34%), **McCarthy, J.** (Co-I, 33%), **Buchman, S.** (Co-I, 33%), Moore, D. (Co-I), & Wadsworth, N. (Co-I). (FY16). *Healthcare Access Initiative: Interprofessional Health Teams/ Ohio State University*, Centers for Medicare and Medicaid, \$401,104.
- DiGiovanni, J.** (PI, 5%), **Shaw, K.** (Co-I, 50%), Webb, S. (Co-I, 10%), Miller, R. (Co-I, 10%). (FY16). Ohio State University, Centers for Medicare and Medicaid, \$31,367.
- Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Southern Local Schools, U.S. Department of Education, \$130,928.
- Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Federal Hocking Local Schools, U.S. Department of Education, \$133,200.
- Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Alexander Local School District, U.S. Department of Education, \$178,593.
- Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Federal Hocking Local Schools, U.S. Department of Education, \$181,000.
- Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Athens City School District, U.S. Department of Education, \$183,800.
- Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Trimble Local School District, U.S. Department of Education, \$189,200.

**Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Southern Local Schools, U.S. Department of Education, \$189,668.

**Francis, T.** (PI, 98%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Southern Local Schools, U.S. Department of Education, 21<sup>st</sup> Century, \$5,820.

**Francis, T.** (PI, 100%), Brooks, A. (Co-I). (FY16). *Kids on Campus*. Ohio Department of Education, U.S. Department of Agriculture, \$28,598.

**Galbreath, W.** (PI, 100%), **Pack, D.** (Co-I). (FY16). *Child Welfare University Partnership Program*. Ohio Department of Jobs and Family Services, U.S. Department of Health and Human Services, \$123,250.

Graham, D. (PI, 50%), Shaub, T. (Co-PI, 25%, & **Shaw, K.** (Co-PI, 25%). (FY16). *Community Health Worker*. Subcontract to Northeast Ohio Medical University, \$22,166.

**Hallowell, B.** (PI, 100%). (FY16). *Enhanced Evidence-based Resources to Benefit People with Aphasia*. Epstein Teicher Philanthropies, \$30,000.

**Hallowell, B.** (PI, 100%). (FY16). *Comparisons of Communicative Behaviors of People with Dementia During Art Versus Craft Activities*. Ohio Arts Council, \$7,000.

Henderson, D. (PI, 100%). (FY16). *Choose Ohio First PCMH Scholarship Program*. Ohio Department of Higher Education, \$60,000.

**Ice, G.** (PI, 60%), Marape, M. (Co-I, 40%), **Kingori, C.** (Co-I), **McBride, D.** (Co-I), **Marinellie, S.** (Co-I). (FY16). *Botswana Institutes for Health Sciences Twinning Partnership: HIV Curriculum Integration*. American International Health Alliance, Centers for Disease Control and Prevention, \$15,000.

Johnson, L., (PI, 95.75%), **Spjeldnes, S.** (Co-I, 4.25%), (FY16). *New Pathways to Fatherhood Project Evaluation*. Ohio Department of Jobs and Family Services, U.S. Department of Health & Human Services, \$71,250.

Leonard, K. (PI, S), **Grooms, D., Simon, J. E., Yom, J.** (Co-Is). (FY16). *Effects of Dyad Training on Drop Jump Landing Technique Transfer and Retention in Female Athletes*. National Athletic Trainers' Association Masters Student Research Grant, \$1000.

**Malawista, M.** (PI, 100%). (FY16). *OUTA Contract*. Echoing Meadows Residential Center, \$620.

**Malawista, M.** (PI, 100%). (FY16). *OUTA Contract*. Christ United Methodist Preschool – Baltimore, Ohio, \$240.

**Malawista, M.** (PI, 100%). (FY16). *OUTA Contract*. Redeemer Lutheran School, \$260.

**Malawista, M.** (100%). (FY16). *OUTA Contract*. Trimble Local School District, \$299.

**Malawista, M.** (PI, 10%), **Nance, B.**, (Co-PI, 90%). (FY16). *OUTA Contract*. Integrating Professionals for Appalachian Children, \$4,733.

**Miller, C.** (PI, 100%), Dick, L. (Co-I). (FY16). *Partnering for Education and Practice Through Technology (PEPT)*. Ohio Board of Nursing, \$200,000.

**Sergeev, A.** (PI, 100%). (FY16). *Central Auditory Processing Disorder (CAPD): Moving the Science Forward through Interdisciplinary Collaborative Research Integrating Hearing, Language, and Cognitive Science*, University of Central Arkansas. \$2,904.

**Shaw, K.** (PI, 50%), Graham, D. (Co-PI, 25%), **DiGiovanni, J.** (Co-I, 5%), **Miller, R.** (Co-I, 10%), Webb, S. (Co-I, 20%). (FY16). *Community Health Worker*. Ohio State University, Centers for Medicare and Medicaid Services, \$31,367.

**Simon, J.** (Project Director, 5%), Estook, P. (Co-I, 95%). (FY16). *Exposure to Catastrophic Athletic Injury Events and Burnout among Athletic Trainers*. Ohio Athletic Trainers Association, \$500.

**Starkey, C.** (PI, 100%). (FY16). *Athletic Training, Various Sponsors*, \$261,850.

**Thomas, J.** (Project Director, 43%), Clark, B. (Co-PI, 45%), Walkowski, S., (Co-I, 5%), Russ, D. (Co-I, 5%), & France, C. (Co-I, 5%). (FY16). *The RELIEF Study: Neuromuscular Mechanisms Underlying Spinal Manipulation Treatments*, National Institutes of Health, \$446,307.

**Vogt, M.** (PI, 100%). (FY16). *Advancing Ohio University Nursing through Advanced Education Nursing Traineeships (AENT)*. Health Resources & Services Administration, \$325,087.

**Xu, L.** (PI, 100%). (FY16). *Real-World Tone Development in Children with Cochlear Implants*. National Institutes of Health, \$445,489.

## EXTRAMURAL GRANTS AND CONTRACTS

### Fiscal Year 2017

**Beatty, M.** (PD, 100%). (FY17). *Heart Works: A Partnership between Ohio University WellWorks and O'Bleness Memorial Hospital*, O'Bleness Foundation, \$239,681.

**Brown, J.** (PD, 100%). (FY17). *AFOs: Is Appearance, Function & Fit Obsolete?* Ohio Physical Therapy Association, \$5,000.

**Chleboun, G.** (PD, 100%). (FY17). *Therapy Associates Physical Therapy Services*, Meigs County Board of DD Clinical Contract FY17, Meigs County Board of DD, \$3,183.

**Chleboun, G.** (PD, 100%). (FY17). *Therapy Associates Physical Therapy Services*, Wellston City Schools Clinical Contract FY17, Wellston City School District, \$13,635.

**Chleboun, G.** (PD, 100%). (FY17). *Therapy Associates Physical Therapy Services*, Vinton County Schools Clinical Contract FY17, Vinton County Schools, \$22,918.

**Chleboun, G.** (PD, 100%). (FY17). *Therapy Associates Physical Therapy Services*, OhioHealth O'Bleness Health System FY17, OhioHealth O'Bleness Health System, \$1,646,756.

**Chleboun, G.** (PD, 100%). (FY17). *Therapy Associates Physical Therapy Services*, Hocking County Board of DD Clinical Contract FY17, Hocking County Board of DD, \$13,895.

**Chleboun, G.** (PD, 100%). (FY17). *Therapy Associates Physical Therapy Services*, Echoing Meadows Clinical Contract FY17, Echoing Meadows Residential Center, \$6,198.

Clark, B. (PD, 70%), **Grooms, D.** (Co-I, 30%), **Thomas, J.** (Co-I), **Russ, D.** (Co-I), Rush, L. (Co-I), Law, T. (Co-I), France, C. (Co-I), Clark, L. (Co-I), Amano, S. (Co-I), & Clift, R. (FY17). *Innovative Neurophysiological Techniques for Assessing Trunk Muscle Control and Function (iCAM)*, National Institutes of Health, \$188,125.

Clark, B. (PD, 88%), **Thomas, J.** (Co-I, 3%), **Russ, D.** (Co-I, 3%), Law, T. (Co-I, 3%), & France, C. (Co-I, 3%). (FY17). *Neural Mechanisms of Dynapenia*, National Institutes of Health, \$18,382.

**Dick, L.** (PD, 100%). (FY17). *Choose Ohio First Scholarship Program-Supplement*, Ohio Department of Higher Education, \$408,834.

**DiGiovanni, J.** (PD, 30%), **Buchman, S.** (Co-I, 30%), Wadsworth, N. (Co-I, 5%), Moore, D. (Co-I, 5%), & **McCarthy, J.** (Co-I, 30%). (FY17). *Healthcare Access Initiative: Interprofessional Health Teams*, Ohio State University, Centers for Medicare and Medicaid, \$405,162.

France, C. (PD, 80%), & **Thomas, J.** (Co-I, 20%). (FY17). *Development of a Virtual Reality Graded Exposure Intervention for Chronic Low Back Pain*, University of Texas at Dallas, National Institutes of Health, \$39,246.

**Galbreath, W.** (PD, 100%). (FY17). *Child Welfare University Partnership Program*, Ohio Department of Jobs and Family Services, \$123,250.

**Grooms, D.** (PD, 80%), **Yom, J. P.** (Co-I, 10%), **Simon, J.** (Co-I 10%), & **Leonard, K.** (FY17). *Effects of Dyad Training on Drop Jump Landing Technique Transfer and Retention in Female Athletes*, National Athletic Trainer's Association Research & Education Foundation, \$1,000.

**Grooms, D.,** (PD, 100%). (FY17). *Mental Practice in Chronic, Stroke-Induced Hemiparesis*, Ohio State University (subcontract), National Institutes of Health, \$11,673.

**Hallowell, B.** (PD, 100%). (FY17). *Evidence-Based Resources to Benefit People with Aphasia*, Epstein Teicher Philanthropies, \$50,000.

**Hallowell, B.** (PD, 100%). (FY17). *Evidence-Based Resources to Benefit People with Aphasia*, Epstein Teicher Philanthropies, \$10,000 (supplemental).

**Henderson, D.** (PD, 100%). (FY17). *Choose Ohio First Scholarship Program-Supplement*, Ohio Department of Higher Education, \$120,000.

Johnson, L. (PD, 84.25%), **Spjeldnes, S.** (Co-PI, 15.75%), Wilson, N., & Trainer, M. (FY17). *Highland County Crime Reduction Implementation*, Highland County Local Corrections Planning Board, U.S. Department of Justice, \$41,000.

Johnson, L. (PD, 95.75%), **Spjeldnes, S.** (Co-I, 4.25%), Kloepfer, D., Gordon, F., & Craycraft, H. (FY17). *New Pathways to Fatherhood Project Evaluation*, Ohio Department of Jobs and Family Services, \$85,500.

Johnson, L., Collins, A., & **Galbreath, W.** (PD). (FY17). *Eastern Regional Prevention Coordination*, Ohio Department of Jobs and Family Services, \$114,354.

Kopchick, J. (PD, 40%), Wu, Sh. (Co-PI, 30%), & **Vattem, D.** (Co-I, 30%). (FY17). *Identification and Evaluation of Therapeutic Efficacy of Natural Products, Including Cannabis, for Neuronal Disease, Inflammatory Disease and Cancer*, Black Elk Biotechnology, LLC, \$200,000.

**Leite, R.** (PD, 100%). (FY17). *Ohio's Coalition to Increase Parenting Time Opportunities for Children*, Fairfield Co Department of Jobs & Family Services, \$24,750.

**Malawista, M.** (PD). (FY17). *Therapy Associates Hearing and Speech Services FY17* (Athens City School District) Athens City School District, \$60.

**Malawista, M.** (PD). (FY17). *Therapy Associates Hearing and Speech Services FY17* (Lancaster City Schools) Lancaster City Schools, \$7,585.

**Malawista, M.** (PD). (FY17), *Therapy Associates Hearing and Speech Services FY17* (Trimble Local School District) Trimble Local School District, \$170.

**Malawista, M.** (PD, 10%), & Nance, B. (Co-PI, 90%). (FY17). *IPAC Organizational Services*, Integrating Professionals for Appalachian Children, \$5,138.

- Morrone, M.** (PD, 60%), **Schuller, K.**, (Co-I, 10%), **Kingori, C.** (Co-I, 10%), **Jing, X.** (Co-I, 10%), **Cronin, C.** (Co-I, 10%), **Shaw, K.**, **Henderson, D.**, & **Basta, T.** (FY17). *Perry County Health Care Access Feasibility Study*, Buckeye Hills Hocking Valley Reg. Development District, \$50,000.
- Shaw, K.** (PD, 50%), Graham, D. (Co-PI, 25%), **DiGiovanni, J.** (Co-I, 5%), **Miller, R.** (Co-I, 10%), & Webb, S. (Co-I, 10%). (FY17). *Community Health Worker*, Ohio State University (subcontract), Centers for Medicare and Medicaid Services, 50,066.
- Shaw, K.** (PD, 50%), Graham, D. (Co-PI, 25%), Webb, S. (Co-I, 8%), **Miller, R.** (Co-I, 8%), **DiGiovanni, J.**, (Co-I, 5%), Johnson (Co-I, 4%). (FY17). *Community Health Worker*, Northeast Ohio Medical University (contract), Ohio University, Centers for Medicare and Medicaid Services, \$17,771.
- Sherow, J. E.** (PD, 100%) & **Brooks, A.** (FY17). *Kids on Campus Beacon School Summer 2017*, Athens County Board of DD, \$50,000.
- Sherow, J. E.** (PD), & **Brooks, A.** (Co-I). (FY17). *Kids on Campus Summer 2017 Meals*, Athens Foundation, \$4,500.
- Sherow, J. E.** (PD, 100%). (FY17). *Kids on Campus Summer 2017 Meal Support*, Rocky Community Improvement Fund, \$5,000.
- Sherow, J. E.** (PD, 90%), & **Hinderliter, D.** (Co-I, 10%). (FY17). *Kids on Campus NASA Glenn Summer Camp Curriculum*, NASA - Glenn Research Center, \$2,300.
- Sherow, J. E.** (PD, 98%), Johnson, L., (Co-PI, 2%), & Brooks, A. (FY17). *Alexander Elementary*, Alexander Local School District, 21st Century Community Learning Center, U.S. Department of Education, \$183,392.
- Sherow, J. E.** (PD, 98%), Johnson, L., (Co-PI, 2%), & Brooks, A. (FY17). *Trimble Elementary*, Trimble Local School District, 21st Century Community Learning Center, U.S. Department of Education \$195,320.
- Sherow, J. E.** (PD, 98%), & Johnson, L. (Co-I, 2%). (FY17). *Federal Hocking Secondary School Continuation Application*, Federal Hocking Local Schools, 21st Century Community Learning, U.S. Department of Education, \$181,000.
- Sherow, J. E.** (PD, 98%), & Johnson, L. (Co-I, 2%). (FY17). *Alexander Jr. High-High School Continuing Application*, Alexander Local School District, 21st Century Community Learning, U.S. Department of Education, \$186,080.
- Sherow, J. E.** (PD, 98%), & Johnson, L. (Co-I, 2%). (FY17). *Millcreek Elementary New Application*, Southern Local Schools, 21st Century Community Learning, U.S. Department of Education, \$196,112.
- Sherow, J. E.** (PD, 98%), & Johnson, L. (Co-I, 2%). (FY17). *Miller High School Renewal Application*, Southern Local Schools, 21st Century Community Learning, U.S. Department of Education, \$6,617 and \$133,928.
- Sherow, J. E.** (PD, 98%), & Johnson, L. (Co-I, 2%). (FY17). *Athens City Elementary*, Athens City School District, 21st Century Community Learning Center, U.S. Department of Education, \$136,500.
- Sherow, J. E.** (PD, 98%), & Johnson, L. (Co-I, 2%). (FY17). *Trimble Middle Continuation Application*, Trimble Local School District, 21st Century Community Learning Center, U.S. Department of Education, \$139,200.
- Sherow, J. E.** (PD, 80%), & Johnson, A. (Co-PI, 2%). (FY17). *Federal Hocking Elementary Renewal Application*, Federal Hocking Local Schools, 21st Century Community Learning Center, U.S. Department of Education, \$88,800.
- Starkey, C.** (PD, 100%). (FY17). *Clinical Athletic Training FY17*, Various Sponsors, \$366,457.
- Vogt, M.** (PD, 100%). (FY17). *Advancing Ohio University Nursing through Advanced Education Traineeships*, Health Resources & Services Administration, U.S. Department of Health & Human Services, \$350,000.

## STUDENT RESEARCH AND SCHOLARSHIP

### CHSP Student Research Awards

#### Dean's Outstanding Student Research Award (honorary)

2016 –

*Undergraduate:* Samuel William Pitcairn, Exercise Physiology (faculty advisor, Michael Kushnick)

*Graduate:* Jamie B. Boster, Speech Language Pathology (faculty advisor, John McCarthy)

2017 --

*Undergraduate:* Jenna Braun, Food and Nutrition Sciences (faculty advisor, Cheryl Howe)

*Graduate:* Hannah Johnson, Food and Nutrition Sciences (faculty advisor, Robert G. Brannan)

#### Gary S. Neiman Graduate Research Award (research grant)

2016 – Laura Roche Chapman, Communication Sciences and Disorders

2017 – Alexandra Bryan, Athletic Training

### Provost Undergraduate Research Fund (PURF) 2016-2017

1. Brooks, Nicole [U]. (2016-2017). (Advisor **Darlene Berryman**, Food & Nutrition Sciences), *Determining FGF21 Protein Expression in Mice with Altered Growth Hormone Action to Evaluate the Relationship to Obesity, Type 2 Diabetes Mellitus, and Increased Longevity*, PURF Award, \$1500.
2. Coologhan, Bridget [U]. (2016-2017). (Advisor **Joann Benigno**), Communication Sciences and Disorders), *Caregivers' Perspectives of their Experiences with their Child with Autism Spectrum Disorder in Healthcare Settings*. PURF Award, \$880.
3. Douds, Lillian [U]. (2016-2017). (Advisor **Brooke Hallowell**, Communication Sciences and Disorders), *Examining Pupillometric Measures of Cognitive Effort Associated with Speaker Variability During Spoken Word Recognition*. PURF Award, \$1,350.
4. Harrison, Lucas [U]. (2015-2016). (Advisor **Michael Kushnick**, Exercise Physiology), *Metabolic Responses to Acute Blood Flow Restricted Exercise*, PURF Award, \$1500.
5. Hubbard Daniel [U]. (2015-2016). (Advisor **Timothy Ryan**, Environmental Health), *Photopolymerization 3-D Printing: Preliminary Assessment of Material Hazards*, PURF Award, \$1,369.
6. Hunt, Robert [U]. (2015-2016). (Advisor **Michael Kushnick**, Exercise Physiology), *The Effects of Kaatsu Training on Fasting and Postprandial Blood Glucose Maintenance*, PURF Award, \$1,500.
7. Monroe, Arael Jasmine [U]. (2015-2016). (Advisor **Cheryl Howe**, Exercise Physiology), *Impact and Sustainability of Teaching HENRY: Healthy Exercise and Nutrition Recommendations for Youth Intervention in Rural Appalachian Youth*, PURF Award, \$1,500.
8. Mueller, Isabella & Custer, Erica [U]. (2016-2017). (Advisor **David Russ**, Physical Therapy), *Energy Cost of Electrical Muscle Stimulation During Typing*, PURF Award, \$1,335.
9. Wilson, Cody [U]. (2016-2017). (Advisor **Darlene Berryman**, Food & Nutrition Sciences), *Analysis of White Adipose Tissue Fibrosis Using Growth Hormone Deficient Mice*, PURF Award, \$1,500.

### Student Enhancement Awards 2016 – 2017



1. Applegate, Megan [G]. (2016-2017). (Advisor **James Thomas**, Physical Therapy), *Physical and Psychological Predictors of Trunk Extension Endurance Performance*, SEA Award, \$5,400.
2. Chapman, Laura [G]. (2016-2017). (Advisor **Brooke Hallowell**, Communication Sciences and Disorders), *Using Pupillometry to Index Cognitive Effort in Sentence Processing in People With and Without Aphasia*, SEA Award, \$5,699.
3. Smith, Andrea [UG]. (2016-2017). (Advisor **Michael Kushnick**, Exercise Physiology), *Blood Glucose and Insulin Response to a Single Bout of Exercise in an Acute Overfeed State*, SEA Award, \$3,337.

## Global Health Case Competition

(Fall 2016)

**Issue:** *Negative impact of El Nino on resource scarce neighborhoods in Paraguay*

**First place:** Fithi Embaye (Social Work), Ellen Haile (Political Science), Brenna Innocenzi (Exercise Physiology) & Abby Young (Communication Studies)

**Second place:** Bonita Kalinga (Global Studies), Guillermo Gomez (Critical Studies in Educational Foundations), *Belen Marco* (Visual Communication), & *Ibrahim Huthman* (Civil Engineering).

## Interdisciplinary Research Case Competition

(Spring 2016)

**Issue:** *Innovative and high impact research focusing on individual health in Appalachian Ohio University*

**First place:** *The Effect of Home Gardens on Household Food Security in Athens County, Ohio*, Brenna Innocenzi [UG], Jamie Weber [GR], Shandra Hamilton [GR], Jennifer Basalla [UG]

**Second place:** *Map My Sun*  
Lucas Harrison [UG], Ian Ackers [Med Student], Emily Griswold [GR], Samuel Pitcairn [UG]

**Third place:** *Can Adding Goals to Physical Activity Interventions in Rural Adolescents Have a Long Term Effect on Lowering Obesity Outcomes?*

Paul Dunn [GR], Jacquelyn Swartz [GR], Eric Rawn [UG], Ellen Isaac [UG]

## CHSP "PRESENTATION" GRANTS

(Spring & Fall 2016)

1. Anjum, Javad [G]. (2016, Fall). (Advisor **Brooke Hallowell**, Speech-Language Science), \$200.
2. Block, Corey [G]. (2016, Spring). (Advisor **Gary Chleboun**, Physical Therapy), \$200.
3. Boster, Jamie [G]. (2016, Fall). (Advisor **John McCarthy**, Communication Sciences and Disorders), \$200.
4. Braun, Jenna [U]. (2016, Fall). (Advisor **Cheryl Howe**, Exercise Physiology), \$200.
5. Chapman, Laura Roche [G]. (2016, Spring). (Advisor **Brooke Hallowell**, Speech and Language Science), \$200.
6. Cline, Aimee [G]. (2016, Spring). (Advisor **Janet Simon**, Athletic Training), \$200.

7. Cost, Jenna [G]. (2016, Spring). (Advisor **James Thomas**, Physical Therapy), \$200.
8. Daniell, Brooke [U]. (2016, Spring). (Advisor **Jeff Russell**, Athletic Training), \$200.
9. Dinh, An [G]. (2016, Spring). (Advisor **Brooke Hallowell**, Communication Sciences and Disorders), \$200.
10. Dinh, An [G]. (2016, Fall). (Advisor **Brooke Hallowell**, Speech-Language Science), \$200.
11. Doerbaum, Hannah [G]. (2016, Fall). (Advisor **Andrew Krause**, Speech-Language Science), \$200.
12. Ellerbrock, Emily [G]. (2016, Fall). (Advisor **James Thomas**, Physical Therapy), \$200.
13. Gornichec, Bridget [G]. (2016, Fall). (Advisor **Joann Benigno**, Communication Sciences and Disorders), \$200.
14. Haghighi, Mohammad [G]. (2016, Fall). (Advisor **Brooke Hallowell**, Speech-Language Science), \$200.
15. Hajjar, David [G]. (2016, Fall). (Advisor **John McCarthy**, Speech-Language Science), \$200.
16. Hamm, Heather [G]. (2016, Fall). (Advisor **Joann Benigno**, Communication Sciences and Disorders), \$200.
17. Han, Hyeju [G]. (2016, Fall). (Advisor **Youngsun Kim**, Speech-Language Science), \$200.
18. Harrison, Margaret [U]. (2016, Spring). (Advisor **Chao-Yang Lee**, Communication Sciences and Disorders), \$200.
19. Henry, Brooke [G]. (2016, Spring). (Advisor **Darlene Berryman**, Food & Nutrition Sciences), \$200.
20. Henry, Brooke [G]. (2016, Fall). (Advisor **Darlene Berryman**, Food and Nutrition Sciences), \$200.
21. Kopper, M. [G]. (2016, Fall). (Advisor **John McCarthy**, Communication Sciences and Disorders), \$200.
22. Lee, Jieun [G]. (2016, Spring). (Advisor **Chao-Yang Lee**, Communication Sciences and Disorders), \$200.
23. Lee, Jieun [G]. (2016, Fall). (Advisor **Francois-Xavier Brajot**, Speech-Language Science), \$200.
24. Oddis, Jordan [U]. (2016, Fall). (Advisor **Sharon Rana**, Exercise Physiology), \$200.
25. Osborne, Larry [G]. (2016, Fall). (Advisor **Michael Kushnick**, Exercise Physiology), \$200.
26. Patton, Alexa [G]. (2016, Spring). (Advisor **Li Xu**, Audiology), \$200.
27. Proctor, Rhea [G]. (2016, Spring). (Advisor **James Thomas**, Physical Therapy), \$200.
28. Puthoff, Rachael [G]. (2016, Fall). (Advisor **James Thomas**, Physical Therapy), \$200.
29. Riffle, Travis [G]. (2016, Spring). (Advisor **Jeff DiGiovanni**, Hearing Science), \$200.
30. Rumbaugh, D. [U]. (2016, Fall). (Advisor **Cheryl Howe**, Exercise Physiology), \$200.
31. Schuster, Katelyn [G]. (2016, Spring). (Advisor **Gary Chleboun**, Physical Therapy), \$200.
32. Taylor, Brittany [U]. (2016, Fall). (Advisor **Cheryl Howe**, Applied Nutrition), \$200.
33. Troiike, K. [G]. (2016, Fall). (Advisor **Darlene Berryman**, Food and Nutrition Sciences), \$200.
34. Vinson, Sarah [G]. (2016, Spring). (Advisor **Betty Sindelar**, Physical Therapy), \$200.

## CHSP "WORK" GRANTS

(Spring 2016 & Fall 2016)

1. Anjum, Javad [G]. (2016, Fall). (Advisor **Brooke Hallowell**, Speech-Language Science), \$500.
2. Boster, Jamie [G]. (2016, Fall). (Advisor **John McCarthy**, Speech-Language Science), \$500.
3. Brown, Kyle & Borrell, Allison [G]. (2016, Spring). (Advisor **Li Xu**, Communication Sciences and Disorders), \$500.
4. Dinh, An [G]. (2016, Fall). (Advisor **Brooke Hallowell**, Speech-Language Science), \$500.
5. Douds, Lillian [U]. (2016, Fall). (Advisor **Brooke Hallowell**, Communication Sciences and Disorders), \$500.
6. Estock, Patricia [G]. (2016, Spring). (Advisor **Janet Simon**, Athletic Training), \$500.
7. Finney, Mianisha C. [G]. (2016, Spring). (Advisor **James Montgomery**, Communication Sciences and Disorders), \$500.
8. Hyeju, Han [G]. (2016, Fall). (Advisor **John McCarthy**, Communication Sciences and Disorders Communication Sciences and Disorders), \$500.
9. Kulasa, Katie [G]. (2016, Fall). (Advisor **Ilana Chertok**, Nursing), \$500.
10. Mayhugh, Garrett [G]. (2016, Spring). (Advisor **Fuh-Cherng Jeng**, Audiology), \$500.
11. Miko, Sarah. (2016, Spring). (Advisor **Dustin Grooms**, Athletic Training), \$456.
12. Patton, Alexa [G]. (2016, Spring). (Advisor **Li Xu**, Communication Sciences and Disorders), \$500.
13. Paul, Dunn [G]. (2016, Fall). (Advisor **Robert Wayner**, Physical Therapy), \$500.
14. Prenatt, Daniel [G]. (2016, Spring). (Advisor **Jennifer Yoder**, Food & Nutrition Sciences), \$480.
15. Schnittjer, Amber [G]. (2016, Fall). (Advisor **Dustin Grooms**, Athletic Training), \$500.
16. Smith, Andrea [U]. (2016, Fall). (Advisor **Michael Kushnick**, Exercise Physiology), \$500.
17. Stahl, Katelyn [G]. (2016, Spring). (Advisor **Dustin Grooms**, Athletic Training), \$470.
18. Stump Kristin [G]. (2016, Fall). (Advisor **Fuh-Cherng Jeng**, Audiology), \$500.
19. Taylor, Brittany & Dorman, Jamie [U]. (2016, Spring). (Advisor **Cheryl Howe**, Applied Nutrition), \$500.
20. Tatarka Ashley [G]. (2016, Fall). (Advisor **Rebecca Meier**, Audiology), \$500.
21. Taylor, Brittany [U]. (2016, Fall). (Advisor Cheryl Howe, Applied Nutrition), \$500.
22. Wagner, Andrew [G]. (2016, Fall). (Advisor **Li Xu**, Audiology), \$500.

## Theses and Dissertations

### Academic Year 2015-2016

1. Beck, K. D. (2016, Summer). M.S. Athletic Training. *The Efficiency of Forced Inhalation in Promoting Venous Return*. Athens, OH: Ohio University. (**C. Starkey**).
2. Buskirk, T. (2015, Fall). M.S. Child and Family Studies. *An Investigation on Stress and Burnout in the Profession of Child Life*. Athens, OH: Ohio University. (**J. Chabot**).
3. Culley, A. (2015, Fall). M.S. Food and Nutrition Sciences. *Knowledge and Perceptions of a Plant-Based Diet Among Individuals With Type 2 Diabetes and High Food Security Living in Rural Appalachian Ohio*. Athens, OH: Ohio University. (**D. E. Berryman**).
4. Finney, M. (2016, Summer). PhD, Speech-Language Science. *Children's Sentence Comprehension: The Influence of Working Memory on Lexical Retrieval During Complex Sentence Processing*. Athens, OH: Ohio University. (**J. Montgomery**).
5. Grueter, S. (2016, Spring). M.S. Physiology of Exercise-Research. *Predicting Low Energy Availability in Recreational Athletes*. Athens, OH: Ohio University. (**S. Rana**).
6. Hargrove, E. (2016, Summer). M.S. Food and Nutrition Sciences. *Nutrition Knowledge and Attitude Towards Nutrition Counseling Among Osteopathic Medical Students*. Athens, OH: Ohio University. (**D. Berryman**).
7. Mayle, A. (2015, Fall). M.S. Food and Nutrition Sciences. *The Relationship Between Food Insecurity, Produce Intake, Hemoglobin Levels, BMI, and Health Status Among Women Participating in the West Virginia WIC and WIC FMNP Programs*. Athens, OH: Ohio University. (**D. Berryman**).
8. Morris, K. (2016, Summer). M.S. Athletic Training. *The Epidemiology of Overuse Conditions in Youth Football and High School Football*. Athens, OH: Ohio University. (**C. Starkey**).
9. Sulfridge, C. (2016, Spring). M.S. Child and Family Studies. *Understanding the Impact of Medical Procedures on Individuals with Asperger Syndrome*. Athens, OH: Ohio University. (**J. Chabot**).
10. Wagner, B. (2016, Summer). M.S. Child and Family Studies. *The Integration of Child Life in the Medical Diagnosis Camp Setting*. Athens, OH: Ohio University. (**J. Chabot**).
11. Zhang, L. (2016 Summer). M.S. Exercise Physiology. *The Effects of High Pressure Processing, Browning Additives, and Storage Period on the Inactivation of Polyphenol Oxidase in Nine Varieties of Pawpaw (*Asimina triloba* L.) Pulp*. Athens, OH: Ohio University. (**R. Brannan**).

### Academic Year 2016-2017

1. Anjum, J. (2017, Spring). PhD, Speech-Language Science. *An Eyetracking Method for Simultaneous and Differential Indexing of Automatic and Strategic Processes in Semantic Priming*. Athens, OH: Ohio University. (**B. Hallowell**).
2. Azar, J. (2016, Fall). M.S. Physiology of Exercise. *Effect of Unstable Versus Stable Free Weights on Surface EMG of the Shoulder Musculature in Males*. Athens, OH: Ohio University. (**S. Rana**).

3. Farrar, A. (2017, Spring). M.S. Food and Nutrition Sciences. *Exploring Motivations Behind Food Choices of Collegiate Female Modern Dancers*. Athens, OH: Ohio University. (**R. Brannan**).
4. Frazier, J. (2017, Spring). M.S. Physiology of Exercise. *Validation of a Joint-Analysis Software, the Microsoft Kinect as a Real-Time Strength Training and Evaluation Tool*. Athens, OH: Ohio University. (**J. Yom**).
5. Griswold, E. (2017, Spring). M.S. Athletic Training. *Comparison of Jump Landings in Figure Skaters While Barefoot and Wearing Skates*. Athens, OH: Ohio University. (**J. Russell**).
6. Hajjar, D. (2017, Summer). M.S. Communication Sciences and Disorders. *Supporting Individuals with Disabilities and Complex Communication Needs to Capture and Share Active Recreational Experiences*. Athens, OH: Ohio University. (**J. McCarthy**).
7. Henry, B. (2016, Fall). M.S. Food and Nutrition Sciences. *Identification and Analysis of Immune Cell Populations in White Adipose Tissue Depots of Growth Hormone Receptor Knockout and Littermate Control Mice*. Athens, OH: Ohio University. (**D. Berryman**).
8. Jackson, A. (2017, Spring). M.S. Athletic Training. *Neurocognitive Ability in Individuals with Chronic Ankle Instability*. Athens, OH: Ohio University. (**D. Grooms**).
9. Johnson, H. (2017, Summer). M.S. Food and Nutrition Sciences. *Knowledge and Perceptions of a Gluten-Free Diet: a Mixed Methods Approach*. Athens, OH: Ohio University. (**R. Brannan**).
10. Johnson, J. (2016, Fall). M.S. Child and Family Studies. *A Retrospective Look at How Effectively Parents, Peers Without a Chronic Illness, and Other Adolescents with a Chronic Illness Impact the Self-Esteem and Body Image of Adolescents with Chronic Illness*. Athens, OH: Ohio University. (**J. Chabot**).
11. Lee, E. (2017, Spring). M.S. Athletic Training. *Neurocognitive, Postural Stability, and Health-Related Quality of Life Deficits in Secondary School Athletes Without a Clinically Diagnosed Sport-Related Concussion*. Athens, OH: Ohio University. (**J. Simon**).
12. Martinez, A. (2017, Spring). M.S. Athletic Training. *A Comparison of the Diagnostic Accuracy of Three Diagnostic Tests for Anterior Cruciate Ligament Lesions*. Athens, OH: Ohio University. (**C. Starkey**).
13. Sabol, T. (2017, Spring). M.S. Athletic Training. *Season-Long Changes in Performance Outcome Measures Using Functional Preparticipation Examination*. Athens, OH: Ohio University. (**J. Simon**).
14. Schnittler, A. (2017, Spring). M.S. Athletic Training. *The Effects of a Cognitive Dual Task on Jump-Landing Mechanics*. Athens, OH: Ohio University. (**D. Grooms**).
15. Troike, K. (2017, Summer). M.S. Food and Nutrition Sciences. *White Adipose Tissue Beiging in Mice with Increased Growth Hormone Action*. Athens, OH: Ohio University. (**D. Berryman**).
16. Tshireletso, T. (2017, Summer). M.S. Child & Family Studies. *Confidentiality Among 18- 24-Year Old College Students: Exploring Strategies for Optimal Health Care Service Delivery*. Athens, OH: Ohio University. (**J. Chabot**).
17. Zhang, Y. (**Chao-Yang, L.**) (2017, Summer). PhD, Speech-Language Science. *Processing Speaker Variability in Spoken Word Recognition. Evidence from Mandarin Chinese Disyllabic Words*. Athens, OH: Ohio University.

## Student Health Sciences Research and Creative Activity Poster Showcase

April 13, 2017

Co-sponsored by the  
College of Health Sciences and Professions & Heritage College of Osteopathic Medicine  
Grover Center, Ohio University

*Note.* Most of these posters were also presented at the University Research and Creative Activity Expo, April 6, 2017, Convocation Center, Ohio University

### UNDERGRADUATE

*Emerging role of speech-language pathologists in concussion care*

Student presenter: Jenna Best

**Faculty mentor:** Bentley Krause (CHSP; Rehabilitation and Communication Sciences- Hearing Sciences or Speech-Language Science)

*Effects of Teaching HENRY Program on physical activity knowledge and behavior of 1st grade children*

Student presenters: Jenna Braun & Brittany Taylor

**Faculty mentor:** Cheryl Howe (CHSP; Applied Health Sciences and Wellness; Food and Nutrition Sciences)

*Caregivers' perspectives of their experiences with their child with autism spectrum disorder in healthcare settings*

Student presenters: Bridget Coologhan with coauthor Bridget Wright

**Faculty mentor:** Joann Benigno (CHSP; Rehabilitation and Communication Sciences- Speech-Language Pathology, Communication Sciences and Disorders)

*Assessing temporal compensation of speech due to delayed auditory feedback*

Student presenter: Samantha Davis

**Faculty mentor:** Francois-Xavier Brajot (CHSP; Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*Examining pupillometric measures of cognitive effort associated with speaker variability during spoken word recognition*

Student presenters: Lillian Douds with co-authors An Dinh, Laura Roche Chapman, Mohammad Haghighi, Brooke Hallowell

**Faculty mentor:** Brooke Hallowell (CHSP; Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*Validation of accelerometry to assess children's physical activity using video direct observation*

Student presenter: Tori Fuller

**Faculty mentor:** Cheryl Howe (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Children's physical activity: Commercial activity trackers vs. video direct observation*

Student presenters: Emily Ianni with coauthor Tori Fuller

**Faculty mentor:** Cheryl Howe (CHSP; Applied Health Sciences and Wellness; Exercise Physiology)

*Investigating effects of deafness-associated genes on localization of NHERF2 adaptor protein in mechanosensory stereocilia*

Student presenter: Yushin Jeng

**Faculty mentor(s):** Mark Berryman, Soichi Tanda (Heritage College; Department of Biomedical Sciences)

*Effects of 4 weeks of elliptical bicycle training of subjective variables in experienced runners*

College of Health Sciences and Professions: Faculty and Student Research and Scholarship Report (Summer 2017)

Student presenters: Casey Magdinec with coauthors Brooke Kinsey, Ian Klein, Sharon Rana PhD, Robert Wayner PhD

**Faculty mentor**: Ian Klein (CHSP; Social and Public Health; Health Services Administration)

*Interprofessional education tools used for simulation: A review of the literature*

Student presenters: Ashley Malone, Ciara Poppa

**Faculty mentor**: Sherleena Buchman (CHSP; Nursing- BSN)

*Activity tracker accuracy in measuring children's locomotion, sport, & free-play physical activity*

Student presenters: Colleen Manning, Abby Cassidy

**Faculty mentor**: Cheryl Howe (CHSP; Applied Health Sciences and Wellness; Exercise Physiology)

*Obesity and the plasma lactate response to an oral glucose tolerance test*

Student presenters: Dominic Maschari with coauthors Erin Walsh, Gunjan Saxena, Timothy Law, Cammie Starner, Lynn Petrik, Leslie Consitt

**Faculty mentor**: Leslie Consitt (College of Arts & Sciences; Department of Biological Sciences)

*Investigating the biological effect of juglone on the Staphylococcus aureus chaperone*

Student presenters: Nikki Meyer with coauthor Richard Wiemels

**Faculty mentor**: Ronan Carroll (College of Arts & Sciences, Molecular/Cellular Biology graduate program; Biomedical Sciences; Diabetes Institute)

*Physiological changes of replacing run training with elliptical bike training over 4 weeks in runners*

Student presenter: Jordan Oddis

**Faculty mentor**: Ian Klein (CHSP; Applied Health Sciences and Wellness; Exercise Physiology)

*Self reflection of interprofessional education simulation among Appalachian students*

Student presenters: Ciara Poppa, Ashley Malone

**Faculty mentor**: Sherleena Buchman (CHSP; Nursing- BSN)

*Does replacing 50% run training with elliptical bicycling improve clinical variables in runners?*

Student presenters: Cassandra Rich, Amelia Milton

**Faculty mentor(s)**: Ian Klein, Sharon Rana, Robert Wayner (CHSP; Social and Public Health; Public Health)

*Measuring children's physical activity step rates: Video direct observation vs. accelerometry*

Student presenter: Dylan Rumbaugh

**Faculty mentor**: Cheryl Howe (CHSP; Applied Health Sciences and Wellness; Exercise Physiology)

*Comparison of substrate utilization during treadmill walking with and without blood flow restriction*

Student presenter: Griffin Shaer

**Faculty mentor**: Michael Kushnick (CHSP; Applied Health Sciences and Wellness; Exercise Physiology)

*Evaluation of the best physiological predictor of endurance running performance in D1 female runners*

Student presenters: Courtney Swain & Jessica Weyant

**Faculty mentor**: Ian Klein (CHSP; Applied Health Sciences and Wellness; Exercise Physiology)

*Effect of a child-friendly program on nutrition knowledge and behavior*

Student presenter: Brittany Taylor

**Faculty mentor**: Cheryl Howe (CHSP; Applied Health Sciences and Wellness; Food and Nutrition Sciences)

*Metabolic inflexibility in obese individuals in response to an oral glucose tolerance test*

Student presenters: Erin Walsh with coauthors Dominic Maschari, Gunjan Saxena, Timothy Law, Cammie Starner, Lynn Petrik, Leslie Consitt

**Faculty mentor**: Leslie Consitt (College of Arts & Sciences; Department of Biological Sciences)

*Impact of growth hormone (GH) on white adipose tissue fibrosis: insights from GH gene disrupted mice*

Student presenter: Cody Wilson

**Faculty mentor:** Darlene Berryman (Heritage College; Diabetes Institute; Early Assurance Program)

## GRADUATE

*Mobile technology devices and primary medical care: Communication 2.0*

Student presenters: Gregory Adams with co-authors Todd Fredrick, Larry Hurtubise, Masato Nakazawa

**Faculty mentor:** Elizabeth Beverly (Heritage College; Area Health Education Center; Community Health Programs)

*Children's comprehension of object relative (OR) sentences: It's extant knowledge that matters, not domain-general working memory (WM)*

Student presenter: Yazmin Ahmad Rusli

**Faculty mentor:** James Montgomery (CHSP: Rehabilitation and Communication Science, Speech-Language Science)

*Zika virus knowledge and attitudes among Ecuadorian adults*

Student presenters: Gloria Aidoo-Frimpong with co-authors Tania Basta, Mario Grijalva, Sharon Casapulla, Guillermo Gomaz, Ana Lucia Moncayo

**Faculty mentor:** Tania Basta (CHSP; Social and Public Health; Public Health, Heritage College; Arts & Sciences, Department of Biomedical Sciences; Appalachian Rural Health Institute (ARHI))

*Cross-transfer effects of resistance training with blood flow restriction*

Student presenters: Kwasi Ampomah with co-authors Shinichi Amanio, Timothy Law, Rachel Clift, Lauren Volz

**Faculty mentor:** Brian Clark (CHSP; Applied Health Sciences and Wellness; Athletic Training; Heritage College; Department of Obstetrics/Gynecology; Ohio Musculoskeletal and Neurological Institute (OMNI))

*An eyetracking method for simultaneous and differential indexing of automatic and strategic processes in semantic priming*

Student presenter: Javad Anjum

**Faculty mentor:** Brooke Hallowell (CHSP; Rehabilitation and Communication Sciences- Hearing Sciences or Speech-Language Science, Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*Mechanism of PERK kinase activation after UVB*

Student presenters: Veronica Bahamondes Lorca with co-author Lingying Tong

**Faculty mentor:** Shiyong Wu (Arts & Sciences; Department of Chemistry and Biochemistry; Edison Biotechnology Institute)

*A picture's worth 1,000 words: A photography intervention to increase participation for children with complex communication needs*

Student presenter: Jamie Boster

**Faculty mentor:** John McCarthy (CHSP; Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*The influences of previous severe injury on health-related quality of life in former collegiate athletes*

Student presenters: Katlyn Brown with coauthor Janet Simon

**Faculty mentor:** Janet Simon (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Metastable actin filaments drive bulk axonal transport*

Student presenters: Nilaj Chakrabarty with coauthors Archan Ganguly, Subhojit Roy

**Faculty mentor:** Peter Jung (College of Arts and Sciences; Department of Physics and Astronomy)



*Does a comprehension task influence indices of comprehension effort?*

Student presenter: Laura Chapman

**Faculty mentor:** Brooke Hallowell (CHSP; Rehabilitation and Communication Sciences- Hearing Sciences or Speech-Language Science)

*Experiences of poverty, race, and other factors in the lives of pregnant and postpartum women in Cleveland, OH: An exploration of psychosocial stress pathways in infant mortality risk*

Student presenters: Morgan Craig & Genoveffa Morway with coauthors Kathryn Clark, Stayci Martin

**Faculty mentor:** Sarah Rubin (Heritage College; Department of Social Medicine)

*Pupil size is more relevant than fixation duration when indexing cognitive effort during auditory sentence processing with multiple-image displays*

Student presenter: An Dinh

**Faculty mentor:** Brooke Hallowell (CHSP; Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*Neuroscience content knowledge across speech-language pathology professional programs*

Student presenter: Hannah Doerbaum

**Faculty mentor:** Bentley Krause (CHSP; Rehabilitation and Communication Sciences; Physical Therapy, Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*Improving between-day Reliability of 3-D running gait kinematics with a marker placement device*

Student presenters: Paul Dunn & Aleksey Lavrinenko

**Faculty mentor:** Robert Wayner (CHSP; Rehabilitation and Communication Sciences; Physical Therapy)

*Zinc status and risk factors associated with Zn deficiency among older adults*

Student presenters: Charles Ebersbacher with coauthors Biing-Jiun Shen, Yang Li, Tzu-Cheg Kao

**Faculty mentor:** Jen-Tzer Gau (Heritage College; Department of Family Medicine)

*Anodal transcranial direct current stimulation results in increased maximum isometric trunk extensor strength in healthy subjects*

Student presenters: Emily Ellerbrock with coauthor Cody Chabola

**Faculty mentor:** James Thomas (CHSP; Rehabilitation and Communication Sciences; Physical Therapy)

*A pilot study of CARE coaching for early learning professionals in Southeast Ohio*

Student presenter: Fithi Embaye

**Faculty mentor:** Mingun Lee (CHSP; Social and Public Health; Social Work)

*Exposure to catastrophic injury events and burnout among athletic trainers*

Student presenter: Patricia Estock

**Faculty mentor:** Janet Simon (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Exploring motivations behind food choices of collegiate female modern dancers*

Student presenters: Alexandria Farrar & Erica Markovitz

**Faculty mentor(s):** Jeff Russell, Rob Brannan, Liz Beverly (CHSP; Applied Health Sciences and Wellness; Food and Nutrition Sciences)

*The Prevalence of elevated BMI in impoverished communities of Lima, Peru: A pilot study*

Student presenters: Ashten Gibson with coauthors Francis Blais, David Drozek

**Faculty mentor:** David Drozek (Heritage College; RSAF)

*Comparison of jump landing biomechanics in figure skaters while barefoot and wearing skates*

Student presenter: Emily Griswold

**Faculty mentor:** Jeff Russell (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Ankle and trunk implications on postural control*

Student presenter: Wendy Gutierrez

**Faculty mentor:** Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Behavioral and pupillometric indices of post-sentential processing effort*

Student presenter: Mohammad Haghghi

**Faculty mentor:** Brooke Hallowell (CHSP; Rehabilitation and Communication Sciences- Speech-Language Pathology, Hearing Sciences or Speech-Language Science, Communication Sciences and Disorders)

*Participation in active recreation: Experiences of adults with acquired conditions who use augmentative and alternative communication (AAC)*

Student presenter: David Hajjar

**Faculty mentor:** John McCarthy (CHSP; Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*Linguistic & narrative analyses of preschool children's books: Implications for speech-language therapy*

Student presenters: Heather Hamm & Courtney Barker

**Faculty mentor:** Joann Benigno (CHSP; Rehabilitation and Communication Sciences- Speech-Language Pathology)

*Teaching and understanding the relationship between speech and typography*

Student presenter: Hyeju Han

**Faculty mentor:** John McCarthy (CHSP; Rehabilitation and Communication Sciences- Speech-Language Pathology, Hearing Sciences or Speech-Language Science, Communication Sciences and Disorders)

*Audiovisual integration in native and non-native speech perception*

Student presenter: Margaret Harrison

**Faculty mentor:** Chao-Yang Lee (CHSP; Rehabilitation and Communication Sciences- Speech-Language Pathology, Communication Sciences and Disorders)

*Time windows for indexing comprehension using eyetracking: Comparisons between adults with and without aphasia*

Student presenter: Fatimah Hani Hassan

**Faculty mentor:** Brooke Hallowell (CHSP; Rehabilitation and Communication Sciences, Hearing Sciences or Speech-Language Science, Communication Sciences and Disorders)

*Client satisfaction with quality, effectiveness, and costs of services pProvided by Perry Behavioral Health Choices*

Student presenter: Renea Hiles

**Faculty mentor:** Mingun Lee (CHSP; Social and Public Health; Social Work)

*The immediate effects of a visual-motor targeted neuromuscular intervention*

Student presenter: Kyle Hosier

**Faculty mentor:** Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Attention and distraction*

Student presenters: Anum Idrees & Chelci Gay

**Faculty mentor:** Jeffrey DiGiovanni (CHSP; Rehabilitation and Communication Sciences- Audiology, Communication Sciences and Disorders)

*Assessment of first year osteopathic medical students' knowledge, attitudes, and skin protective behaviors*

Student presenters: Nedyalko Ivanov with coauthors Kayla Prokopakis, Autumn Court, Melanie Worley

**Faculty mentor:** Elizabeth Beverly (Heritage College; Department of Family Medicine)

*Neurocognitive ability in individuals with chronic ankle instability*

Student presenter: Allison Jackson

**Faculty mentor:** Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Contributions of temporal fine structure and envelope cues in speech perception in noise*

Student presenters: Jennifer Kassay & Brianna Brown

**Faculty mentor:** Li Xu (CHSP; Rehabilitation and Communication Sciences- Audiology)

*The role of PpiB: a peptidyl-prolyl cis/trans isomerase (PPlase) in Staphylococcus aureus*

Student presenters: Rebecca Keogh with coauthor Richard Wiemels

**Faculty mentor:** Ronan Carroll (Arts & Sciences; Biological Sciences)

*Talar dome articular cartilage thickness in individuals with and without ankle sSprains*

Student presenters: John Kipp with co-authors Megan Gill, Gary Chleboun

**Faculty mentor:** Gary Chleboun (CHSP; Rehabilitation and Communication Sciences; Physical Therapy)

*The effects of a short case-based IPE intervention for speech-language pathology and physical therapy graduate students*

Student presenters: Madeline Kopper with co-authors Jamie Boster, John McCarthy, Brooke Vaughan

**Faculty mentor(s):** John McCarthy, Brooke Vaughan (CHSP; Rehabilitation and Communication Sciences- Speech-Language Pathology, Physical Therapy, Communication Sciences and Disorders)

*Qualitative study of healthcare providers working with gestational diabetic women in rural Appalachia*

Student presenter: Kathryn Kulasa

**Faculty mentor:** Ilana Chertok (CHSP; Nursing- BSN)

*Evaluation of students' ratings of interprofessional competencies*

Student presenter: Kathryn Kulasa

**Faculty mentor(s):** Jeffrey DiGiovanni, Sherleena Buchman (CHSP; Rehabilitation and Communication Sciences- Audiology, Nursing- BSN)

*Multisensory perturbation effects on speech timing and sequencing*

Student presenter: Jieun Lee

**Faculty mentor:** Francois-Xavier Brajot (CHSP; Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*Neurocognitive, postural stability, and health-related quality of life deficits in secondary school athletes without a clinically diagnosed sport-related concussion*

Student presenter: Erika Lee

**Faculty mentor(s):** Janet Simon, Dustin Grooms, Bentley Krause (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Effects of External Focus Feedback on Drop Landing Mechanics Transfer and Retention in Female Athletes*

Student presenter: Kelly Leonard

**Faculty mentor:** Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*A comparison of the diagnostic accuracy of three diagnostic tests for ACL lesions*

Student presenter: Austin Martinez

**Faculty mentor(s):** Chad Starkey, Dustin Grooms, Janet Simon (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Effects of Streptozotocin (STZ) treatment on STAT5 knockout and Wild Type mice*

Student presenters: Amber McDermott with co-authors Karen Coschigano, Dylan Ekstrand

**Faculty mentor:** Karen Coschigano (Heritage College; Department of Biomedical Sciences, The Diabetes Institute at Ohio University)

*Effect of kinesiology tape on chronic ankle instability proprioception as measured by dynamic balance and center of pressure excursion*

Student presenter: Mitchell McKay

**Faculty mentor(s):** Jeffrey Russell, Janet Simon (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Weight bearing asymmetry in individuals with chronic ankle instability*

Student presenter: Paige Mielke

**Faculty mentor:** Janet Simon (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Dual task capability after anterior cruciate ligament reconstruction: Motor task versus cognitive task*

Student presenter: Sarah Miko

**Faculty mentor:** Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Test-retest reliability of four new neurocognitive reaction single-leg hop tests*

Student presenter: Nathan Millikan

**Faculty mentor(s):** Janet Simon, Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Global abroad experiences and its impact on career trajectories of osteopathic medical students: A retroactive longitudinal study.*

Student presenter: Maria Modayil

**Faculty mentor:** Gillian Ice (Individual Interdisciplinary Program, Graduate College)

*Assembling a Framework of Core Competencies in Global Health to Optimize Interprofessional Practice Experiences*

Student presenters: Alexa Patton, Erin Lynch with co-authors Tyler Roman, Madeline Kopper, Christine Estremera, Kyle O'Donnell

**Faculty mentor(s):** Janice Wright, Rebecca Meier (CHSP; Communication Sciences and Disorders, Physical Therapy, Rehabilitation and Communication Sciences)

*Assessment of first year osteopathic medical students' prior experiences that contributed to their medical school acceptance*

Student presenters: Kayla Prokopakis with coauthors Nedyalko Ivanov, Autumn Court, Melanie Worley, Elizabeth Beverly

**Faculty mentor:** Elizabeth Beverly (Heritage College; Department of Family Medicine)

*Determining the role of lumbar extensor moment during time to task failure*

Student presenters: Rachael Puthoff & Ryan Kaya

**Faculty mentor(s):** James Thomas, David Russ, Samuel Leitkam (Heritage College; Department of Biomedical Sciences, Ohio Musculoskeletal and Neurological Institute (OMNI), Rehabilitation and Communication Sciences; Physical Therapy)

*Clinician knowledge of neuroplastic changes after ACL injury*

Student presenter: Natalie Reynolds

**Faculty mentor(s):** Dustin Grooms, Janet Simon (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Correlation between balance testing and self-reported outcome scales*

Student presenter: Megan Richason

**Faculty mentor:** Janet Simon (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*Season Long changes in performance outcome measures using functional pre-participation exam*

Student presenters: Todd Sabol with co-authors Janet Simon, Dustin Grooms, Jae Yom, James Onate

**Faculty mentor(s):** Janet Simon, Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training)

*The effects of a cognitive dual task on jump landing mechanics*

Student presenters: Amber Schnittjer with co-authors Janet Simon, Jae Yom

**Faculty mentor:** Dustin Grooms (CHSP; Applied Health Sciences and Wellness; Athletic Training, Exercise Physiology)

*Exponential modeling of frequency-following responses in American neonates and adults*

Student presenter: Kristin Stump

**Faculty mentor:** Fuh-Cherng Jeng (CHSP; Rehabilitation and Communication Sciences- Audiology)

*Improved hearing protector attenuation through the use of a lubricant*

Student presenters: Ashley Tatarka with co-authors Rebecca Meier, Timothy Ryan

**Faculty mentor(s):** Rebecca Meier, Timothy Ryan (CHSP; Social and Public Health; Industrial Hygiene, Rehabilitation and Communication Sciences- Audiology)

*Speaker variability in listeners with normal hearing*

Student presenters: Elizabeth Teets, Hallie Ganch, Tiffany McDonald

**Faculty mentor:** Fuh-Cherng Jeng (CHSP; Rehabilitation and Communication Sciences- Audiology)

*Quantification of UCP1 in adipose tissue of mice with altered levels of growth hormone action*

Student presenters: Katie Troike with co-authors Silvana Duran-Ortiz, Brooke Henry, Grant Gase, John Kopchick

**Faculty mentor:** Darlene Berryman (Heritage College, Diabetes Institute; CHSP; Food & Nutrition Sciences, School of Applied Health Sciences and Wellness)

*Training graduate and undergraduate students through an outreach program for families of children with ASD*

Student presenter: Bridget Wright

**Faculty mentor:** Joann Benigno (CHSP; Rehabilitation and Communication Sciences; Communication Sciences and Disorders)

*The Staphylococcus aureus small RNA Teg41 is required for human erythrocyte lysis*

Student presenters: Rachel Zapf with co-authors Kayla Howell, Andrew Caillet, Kellie King, Samantha Selhorst, Richard Wiemels

**Faculty mentor:** Ronan Carroll (Arts & Sciences, Department of Biological Sciences)

## Poster Showcase

### Presentation Award Winners

#### Graduate Students

*Basic and Laboratory Science*

**1st:** Veronica Bahamondes Lorca (Shiyong Wu), Mechanism of PERK Kinase Activation after UVB

**2nd:** Rebecca Keogh (Ronan Carroll), The Role of PpiB: a Peptidyl-prolyl Cis/trans Isomerase (PPIase) in *Staphylococcus Aureus*

*Basic and Laboratory Science*

**1st:** Fatimah Hani Hassan (Brooke Hallowell), Time Windows for Indexing Comprehension Using Eyetracking: Comparisons Between Adults with and without Aphasia

**2nd:** Emily Griswold (Jeff Russell), Comparison of Jump Landing Biomechanics in Figure Skaters While Barefoot and Wearing Skates

*Clinical Research 1*

**1st:** Mitchell McKay (Jeff Russell & Janet Simon), Effect of Kinesiology Tape on Chronic Ankle Instability Proprioception as Measured by Dynamic Balance and Center of Pressure Excursion

**2nd:** Allison Jackson (Dustin Grooms), Neurocognitive Ability in Individuals with Chronic Ankle Instability

*Clinical Research 2*

**1st:** Jamie Boster (John McCarthy), A Picture's Worth 1,000 Words: a Photography Intervention to Increase Participation for children with Complex Communication Needs

**2nd:** Ashten Gibson (David Drozek), The Prevalence of Elevated BMI in Impoverished Communities of Lima, Peru: A Pilot Study

### Clinical Research 3

- 1st:** Amber Schnittjer (**Dustin Grooms**), *The Effects of a Cognitive Dual Task on Jump Landing Mechanics*  
**2nd:** Ashley Tatarka (**Rebecca Meier & Timothy Ryan**), *Improved Hearing Protector Attenuation Through the Use of a Lubricant*

### Innovation and Methods

- 1st:** Kathryn Kulasa (**Jeffrey DiGiovanni & Sherleena Buchman**), *Evaluation of Students' Ratings of Interprofessional Competencies*  
**2nd:** Paul Dunn & Aleksey Lavrinenko (**Robert Wayner**), *Improving Between-Day Reliability of 3-D Running Gait Kinematics with a Marker Placement Device*

### Translational Research

- 1st:** Elizabeth Teets, Hallie Ganch, & Tiffanie McDonald (**Fuh-Cherng Jeng**), *Speaker Variability in Listeners with Normal Hearing*  
**2nd:** Hyeju Han (**John McCarthy**), *Teaching and Understanding the Relationship Between Speech and Typography*

### Other 1

- 1st:** Gloria Aidoo-Frimpong (**Tania Basta**), *Zika Virus Knowledge and Attitudes Among Ecuadorian Adults*  
**2nd:** Nedyalko Ivanov (**Elizabeth Beverly**), *Assessment of First Year Osteopathic Medical Students' Knowledge, Attitudes, and Skin Protective Behaviors*

### Other 2

- 1st:** Kayla Prokopakis (**Elizabeth Beverly**), *Assessment of First Year Osteopathic Medical Students' Prior Experiences That Contributed to Their Medical School Acceptance*  
**2nd:** Bridget Wright (**Joann Benigno**), *Training Graduate and Undergraduate Students Through an Outreach Program for Families of Children with ASD*

## Undergraduate Students

### Basic and Laboratory Science

- 1st:** Cody Wilson (**Darlene Berryman**), *Impact of Growth Hormone (GH) on white adipose tissue fibrosis: insights from GH gene disrupted mice*  
**2nd:** Dominic M. Maschari (**Leslie Consitt**), *Obesity and the Plasma Lactate Response to an Oral Glucose Tolerance Test*

### Innovation and Methods

- 1st:** Colleen Manning & Abby Cassidy (**Cheryl Howe**), *Activity Tracker Accuracy in Measuring Children's Locomotion, Sport, & Free-play Physical Activity*  
**2nd:** Lillian Douds (**Brooke Hallowell**), *Examining Pupillometric Measures of Cognitive Effort Associated with Speaker Variability During Spoken Word Recognition*

### Translational Research 1

- Tie 1st:** Jenna Best (**Bentley Krause**), *Emerging Role of Speech-Language Pathologists in Concussion Care*  
**Tie 1st:** Casey Magdinec (**Ian Klein**), *Effects of 4-Weeks of Elliptical Bicycle Training of Subjective Variables in Experienced Runners*

### Translational Research 2

- 1st:** Bridget Coolaghan (**Joann Benigno**), *Caregivers' Perspectives of their Experiences with their Child with Autism Spectrum Disorder in Healthcare Settings*  
**2nd:** Griffin Shaer (**Michael Kushnick**), *Comparison of Substrate Utilization during Treadmill Walking With and Without Blood Flow Restriction*

## Poster Showcase

### 3-Minute Oral Presentation Award Winner and Participants

**1st:** Jamie Boster [G] (**John McCarthy**), *A Picture's Worth 1,000 Words: A Photography Intervention to Increase Participation for Children with Complex Communication Needs*

**Participant:** Javad Anjum [G] (**Brooke Hallowell**), *An Eyetracking Method for Simultaneous and Differential Indexing of Automatic and Strategic Processes in Semantic Priming*

**Participant:** Charles Ebersbacher [G] (**Jen-Tzer Gau**), *Zinc Status and Risk Factors Associated with Zn Deficiency Among Older Adults*

**Participant:** Maria Modayil [G] (**Gillian Ice**), *Global Abroad Experiences and its Impact on Career Trajectories of Osteopathic Medical Students: A Retroactive Longitudinal Study*

**Participant:** Ashley Malone [UG] (**Francois-Xavier**), *Interprofessional Education Tools Used for Simulation: A Review of the Literature*

### Coordinating Committee

#### *College of Health Sciences and Professions*

Michael R. Kushnick, Ph.D., Committee Chair  
Deborah Murray, M.S.  
Elizabeth Pierce, Administrative Assistance  
Robert Wayner, DPT  
Jennifer Yoder, M.S.

#### *Heritage College of Osteopathic Medicine*

Kevin Lee, Ph.D.  
Craig Nunemaker, Ph.D.  
Vishwajeet Puri, Ph.D.

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## APPENDIX: FACULTY & STAFF

### Emeriti<sup>2</sup>

- Emily S. Buckberry, MA, Assistant Professor Emerita of Hearing and Speech Sciences
- Sue Bullard, PhD, Assistant Professor Emerita of Applied Health Sciences and Wellness
- Leona Cibrowski, PhD, Associate Dean Emerita
- Charles Richard Dean, PhD, Assistant Professor Emeritus of Hearing, Speech/Language Sciences
- Sharon Denham, DSN, RN, Professor Emerita of Nursing
- Joann B. Fokes, PhD, Professor Emerita of Hearing and Speech Sciences
- Donald J. Fucci, PhD, Professor Emeritus of Hearing, Speech and Language Sciences
- Norman Garber, PhD, Professor Emeritus of Hearing, Speech and Language Sciences
- Margorie Hagerman, MS, Assistant Professor Emerita of Applied Health Sciences and Wellness
- Emily Harman, RN, MSN, Assistant Professor Emerita of Nursing
- Ronald W. Isele, MA, Associate Professor Emeritus of Hearing and Speech Sciences
- Gary S. Neiman, PhD, Dean Emeritus
- Cynthia Clair Norkin, EdD, Associate Professor Emerita of Physical Therapy
- Kathleen Rose-Grippa, PhD, RN, Professor Emerita of Nursing
- Kathleen Fox Tennant, PhD, APRN, Assistant Professor Emerita of Nursing

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<sup>2</sup> Titles for Emeriti were derived from the Emeriti Directory, retrieved from: <https://www.ohio.edu/emeriti/upload/emeriti-directory-january-2016.pdf>

## Leadership of Schools and Departments

- Tania Basta, PhD, Associate Professor and Chair, Department of Social and Public Health <sup>(eff AY17)</sup>
- Doug Bolon, PhD, Associate Professor and Chair, Department of Social and Public Health <sup>(RET JUNE16)</sup>
- Gary Chleboun, PhD, PT, Professor and Director, School of Rehabilitation and Communication Sciences
- Deborah Henderson, PhD, RN, CNE, Professor and Director, School of Nursing, and Associate Dean for Regional Higher Education, School of Nursing
- Michael Kushnick, PhD, HFS, Associate Professor and Chair, Department of Interdisciplinary Health Studies (IHS) <sup>(RES 8/15/17)</sup>
- Jeffrey DiGiovanni, PhD, Associate Professor and Interim Chair, Department of Interdisciplinary Health Studies (IHS) <sup>(eff 8/16/17)</sup>
- Dhiraj Vattem, PhD, Professor and Director, School of Applied Health Sciences and Wellness

### *School/Department Abbreviations*

<b>AHSW</b>	Applied Health Sciences and Wellness, School of
<b>IHS</b>	Interdisciplinary Health Studies, Department of
<b>SON</b>	Nursing, School of
<b>RCS</b>	Rehabilitation and Communication Sciences, School of
<b>SPH</b>	Social and Public Health, Department of

### *Program Abbreviations*

<b>AT</b> , Athletic Training	<b>EH</b> , Environmental Health	<b>OHS</b> , Occupational Health & Safety
<b>AUD</b> , Audiology	<b>EP</b> , Exercise Physiology	<b>PA</b> , Physician Assistant Practice
<b>CFS</b> , Child and Family Studies	<b>FNS</b> , Food and Nutrition Sciences	<b>PT</b> , Physical Therapy
<b>CPH</b> , Community and Public Health	<b>GH</b> , Global Health	<b>SpHearSci</b> , Speech and Hearing Sciences
<b>CSD</b> , Communication Sciences and Disorders	<b>HA</b> , Health Administration	<b>SW</b> , Social Work
	<b>LTC</b> , Long-Term Care	

## Adjunct Professors

- Darlene E. Berryman, PhD, Adjunct Research Professor, Food and Nutrition Sciences, School of Applied Health Sciences and Wellness; Executive Director of the Diabetes Institute (Primary appointment, Professor, Department of Biomedical Sciences, Heritage College of Osteopathic Medicine)
- Gillian H. Ice, PhD, Adjunct Professor, Department of Social and Public Health (Primary appointment, Professor, Department of Social Medicine, Heritage College of Osteopathic Medicine)

## Tenure-Track Faculty Members

- Cathy Baker, PhD, RN, Assistant Professor (SON)
- Joann Benigno, PhD, Associate Professor (CSD, RCS)
- François-Xavier Brajot, PhD, Assistant Professor (CSD, RCS)
- Melvina Brandau, PhD, MSN, BSN, Assistant Professor (SON)
- Robert G. Brannan, PhD, Associate Professor (FNS, AHSW)
- Julie Antoinette Brown, PhD, Assistant Professor (CFS, SPH)
- Rebecca Bryant, DNP, CNP, Assistant Professor (SON)
- Sherleena Buchman, PhD, MSN, RN, Assistant Professor (SON)
- Jenny Chabot, PhD, CCLS, Associate Professor (CFS, SPH)
- Ilana Azulay Chertok, PhD, MSN, BSN, BA, Professor (SON)
- Theresa Cluse-Tolar, PhD-SW, Professor (SW, SPH)
- Cory Cronin, PhD, Assistant Professor (HA, SPH)



- Jeffrey J. DiGiovanni, PhD, Associate Professor (AUD, RCS)
- Sarah Garlington, PhD, Assistant Professor (SW, SPH)
- Roger Gilders, PhD, Professor, School of Applied Health Sciences and Wellness
- Dustin Grooms, PhD, Assistant Professor (AT, AHSW)
- Brooke Hallowell, PhD, Professor (CSD, RCS)
- Cheryl Howe, PhD, CES, CEP, Associate Professor (EP, AHSW)
- Gregory Janson, PhD, Associate Professor (CFS, SPH)
- Fuh-Cherng Jeng, MD, PhD, Associate Professor (SpHearSci, RCS)
- Xia Jing, MD, PhD, Assistant Professor (HA, SPH)
- Youngsun Kim, PhD, Associate Professor (CSD, RCS)
- Caroline Kingori, PhD, Assistant Professor (CPH, SPH)
- Chao-Yang Lee, PhD, Associate Professor (SpHearSci, RCS)
- Mingun Lee, PhD, SW, Associate Professor (SW, SPH)
- John McCarthy, PhD, Associate Professor (CSD, RCS)
- Charman Miller, DNP, ANP-BC, CNE, Associate Professor (SON)
- James W. Montgomery, PhD, Professor (CSD, RCS)
- Michele Morrone, PhD, Professor (EH, SPH)
- Shannon Nicks, PhD, Assistant Professor (CPH, SPH)
- Sharon R. Rana, PhD, HFS, CSCS, Associate Professor (EP, AHSW)
- David Russ, PhD, PT, Associate Professor (PT, RCS)
- Jeffrey Russell, PhD, CES, AT, FIADMS, Assistant Professor (AT, AHSW)
- Tim Ryan, PhD, RS, CIH, Professor (OHS, SPH)
- Kristin Schuller, PhD, Assistant Professor (HA, SPH)
- Alexander V. Sergeev, PhD, MD, MPH, Associate Professor (CPH, SPH)
- Jennifer Shadik, PhD, Assistant Professor (SW, SPH)
- Janet Simon, PhD, Assistant Professor (AT, AHSW)
- Betty Sindelar, PhD, PT, Associate Professor (PT, RCS)
- Solveig Spjeldnes, PhD, SW, Associate Professor (SW, SPH)
- Chad Starkey, PhD, AT, FNATA, Professor (AT, AHSW)
- Rika Tanda, PhD, RN, Assistant Professor (SON)
- James Thomas, PhD, PT, Professor (PT, RCS)
- Vicki Wilson, MS, RN, CPNP, Professor (SON)
- Li Xu, MD, PhD Professor (SpHearSci, RCS)
- Jae Pom Yom, PhD, Assistant Professor (EP, AHSW)

### Clinical Faculty<sup>3</sup>

- Melissa Bowlby, MSBS, PA-C, AT, Assistant Clinical Professor (PA, RCS)
- Jennifaye Brown, PhD, Assistant Clinical Professor (PT, RCS)
- Paul Chase, PhD, MEd, BS, Assistant Clinical Professor (EP, AHSW)<sup>4</sup>
- Michele Courtney, PT, MBA, Assistant Clinical Professor (PT, RCS)
- Elizabeth Crickard, DO, Medical Director and Assistant Clinical Professor (PA, RCS)
- Ashley Crow, DPT, Assistant Clinical Professor (PT, RCS)
- Jeffrey Fisher, MPAS, MSA, BS, Assistant Clinical Professor (PA, RCS)
- Cheryl Geng, PA-C, Assistant Clinical Professor (PA, RCS)
- Tobe Gillogly, MS, PTA, Assistant Clinical Professor (PT, RCS)

<sup>3</sup> Clinical Faculty rank approved by Faculty Senate spring 2012; effective fall 2012.

<sup>4</sup> Moved from a visiting faculty (Group IV) to a Clinical Faculty Position in 2015-2016.

- Laura Harris, ATC, PhD, Associate Clinical Professor (AT, AHSW)
- Katherine Holter, MSN, ACNP, Assistant Clinical Professor (SON)
- Janice Howman, DPT, MEd, Associate Clinical Professor (PT, RCS)
- Kristin Lugo, PharmD, RPh, Assistant Clinical Professor (PA, RCS)
- Rebecca Meier, AuD, CCC-A, FAAA, Assistant Clinical Professor (AUD, RCS)
- Karen Menning, PA-C, Assistant Clinical Professor (PA, RCS)
- Kerrie Obert, MS, CCC-SLP, Assistant Clinical Professor (CSD, RCS)
- James Odenthal, PT, MBA, Assistant Clinical Professor (PT, RCS)
- Kimberlee Orben, MS, Assistant Clinical Professor (FNS, AHSW)
- Christina Orozco, MEd, AT, Assistant Clinical Professor (AT, AHSW)
- Kimberly Tartt, DPN Assistant Clinical Professor (SON)
- Brooke Vaughan, DPT, Assistant Clinical Professor (PT, RCS)
- Jeff Vasiloff, MD, Assistant Clinical Professor (CSD, RCS)
- Marjorie A. Vogt, PhD, DNP, CFNP, CPNP, CNE, FAANP, Clinical Professor (SON)
- Robert Wayner, DPT, Assistant Clinical Professor (PT, RCS)
- Janice Wright, MA, CCC-SLP, Assistant Clinical Professor (CSD, RCS)
- Christine Zachrich, MS, Assistant Clinical Professor (AHSW)

### Instructional Faculty<sup>5</sup>

- Carole Alder, MSW, LISW-S, Lecturer (SW, SPH)
- Amanda Leigh Alonzo, PhD, Lecturer (SON)
- RuthAnn Althaus, PhD, MPH, MBA, MSLIS, Senior Lecturer (HA, SPH)
- Tahnee Andrew, MSN, Lecturer, (SON)
- Abigail Ament, BSN, Lecturer (SON)
- Allison Barnett, MPT, Instructor (RCS)
- Marcus Barr, MS, Lecturer (EP, AHSW)
- Amy Beech, RN, MSN, BSN, Lecturer (SON)
- Angela Bohyer, MAHE, RD, LD, Lecturer (FNS, AHSW)
- Trina Bookman, MS, CPR/AED/IT, FA/AED/IT, WSI/IT, LG/IT, Lecturer (EP, AHSW)
- Nichole Brandes, AuD, CCC-SLP, Lecturer (AUD, RCS)
- Anna R. (Gray) Brooks, MS, ACSM-RCEP, Lecturer (EP, AHSW)
- Michael Clevidence, MS, CSCS, Associate Lecturer (EP, AHSW)
- Leslie Coonfare, MBA, Lecturer (IHS)
- Debra Dee Cox, BSN, RN, Lecturer (SON)
- Annelle Edwards, MSW, Lecturer (SW, SPH)
- Kristine Ensign, MS, Lecturer (AT, AHSW)
- Amanda Ford, BSN, RN, Lecturer (SON)
- Cindy Gee, BSN, Lecturer (SON)
- Charlotte Groves, MSN, RN, Lecturer (SON)
- Heather Harmon, MPH, Lecturer (CPH, SPH)
- Eliza Harper, MSN, Lecturer (SON)
- Terri Hood-Brown, MSN, RN, Lecturer (SON)
- Jana Hovland, MS, RD, LD, Lecturer (FNS, AHSW)
- Kimberly D. Hughes, RN, MSN, APN-BC, Lecturer (SON)
- Aimee (Imbrosciano) Vance, RN, MSN, MPH, Lecturer (SON)
- B. Andrew Krause, PhD, AT, Lecturer (RCS)
- Marape, MD, Lecturer (GH, IHS)

<sup>5</sup> Instructional Faculty "lecturer" titles approved by Faculty Senate spring 2013; effective fall 2013.  
College of Health Sciences and Professions: Faculty and Student Research and Scholarship Report (Summer 2017)

- Brenda Martinez-Nieves, PhD, Lecturer (PA, RCS)
- Francis McFadden, MS, Lecturer (FNS, AHSW)
- Jennine Mick, MS, MA, Lecturer (CFS, SPH)
- Juli L. Miller, MSHA, Lecturer (CPH, SPH)
- Kimberlee Miller-Wenning, DNP, CNP, ANP, FNP, PMHNP, Lecturer (SON)
- Samuel [Kirby] Moss, PhD, Lecturer (OHS, SPH)
- Sharon Mullen, PhD, Assistant Professor (SON)
- Deborah Murray, MS, RD, LD, Associate Lecturer (FNS, AHSW)
- Sarah O'Brien, MSN, RN, Lecturer (SON)
- Tracy Pritchard, MSW, LISW-S, Lecturer (SW, SPH)
- Kim Resanovich, BSN, Lecturer (SON)
- Robyn Rice, BSN, Lecturer (SON)
- Penelope Roberts, MSN, BSN, Lecturer (SON)
- Monica Ronez, BSN, Lecturer (SON)
- Danielle Schabel, MSN, Lecturer (SON)
- Kerri Shaw, MSW, LISW-S, Lecturer (SW, SPH)
- Kayla Shiness, PhD, AT, Lecturer (AT, AHSW)
- Patricia Snider, MSN, BSH, RN, Associate Director for BSN Operations (SON)
- Jeffrey Trace, MBA, BSH, Lecturer (HSA, SPH)
- Margaret Yearwood, BSN, MSN, EdD, Lecturer (SON)
- Lisa J. S. Yehl, MSHA, LNHA, Lecturer (LTC, SPH)
- Jennifer Yoder, MS, RD, LD, Lecturer (FNS, AHSW)

#### Administrative Staff and Clinical Instructors Associated with Grants and Contracts

- Amanda Brooks, BS, Kids on Campus Assistant Program Manager
- Marianne Malawista, PhD, CCC-SLP (RCS)
- Brandi Nance, AuD, CCC-A (RCS)
- Rebecca Robison-Miller, MPA, Community Outreach Manager
- Jo Ellen Sherow, BSN, MPA, Kids on Campus Program Manager
- Sarah Taylor, MA, CCC-SLP (RCS)

#### Dean's Office Leadership

- Randy Leite, PhD, Dean
- Jennifer Horner, PhD, JD, Associate Dean for Research and Graduate Studies
- Sally A. Marinellie, PhD, Associate Dean for Academic Affairs
- Averell S. Overby, DrPH, PT, Special Assistant to the Dean

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Ohio University  
Summer 2017

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