Faculty & Student Research & Scholarly Activity

Report: Summer 2017

Office of the Dean
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Athens, OH 45701-2979
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Department of Social and Public Health
Grover Center W324
T: 740.593.4675

School of Applied Health Sciences and Wellness
Grover Center E160
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School of Nursing
Grover Center E317
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Grover Center W290
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Grover Center E178
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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):

<table>
<thead>
<tr>
<th>Program Name</th>
<th>UG</th>
<th>GR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child &amp; Family Studies</td>
<td>208</td>
<td>11</td>
</tr>
<tr>
<td>Environmental Health &amp; Occupational Hygiene and Safety</td>
<td>42</td>
<td>N/A</td>
</tr>
<tr>
<td>Health Services Administration &amp; Long Term Health Care</td>
<td>259</td>
<td>N/A</td>
</tr>
<tr>
<td>Administration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Administration E-CAMPUS</td>
<td>N/A</td>
<td>446</td>
</tr>
<tr>
<td>Community Health &amp; Public Health</td>
<td>73</td>
<td>19</td>
</tr>
<tr>
<td>Social Work (includes pre-SW students)</td>
<td>129</td>
<td>49</td>
</tr>
<tr>
<td>Appalachian Studies Certificate (new)</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Accreditation
- Environmental Health (BS): National Environmental Health Science and Protection Accreditation Council (EHAC), 2016-2022.
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):

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

Accreditation
- **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):

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

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):

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

Accreditation

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):

<table>
<thead>
<tr>
<th>Program Name</th>
<th>UG</th>
<th>GR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrated Healthcare Studies (BS)</td>
<td>7 (7)</td>
<td>N/A</td>
</tr>
<tr>
<td>African Community Health Certificate</td>
<td>N/A</td>
<td>8</td>
</tr>
<tr>
<td>Clinical Informatics Certificate</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>Gerontology Certificate</td>
<td>35</td>
<td>4</td>
</tr>
<tr>
<td>Global Health Certificate</td>
<td>18</td>
<td>0</td>
</tr>
<tr>
<td>Health Policy (UCC approved, March 2017)</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>Healthcare Leadership Certificate (UCC approved, March 2017)</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>Veterans Health Certificate (pending)</td>
<td>0</td>
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### Academic Certificates in CHSP

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

*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]
- 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](https://www.ohio.edu/chsp/nrse/about/research.cfm)
• PT Physical Therapy [https://www.ohio.edu/chsp/rcs/pt/about/research.cfm](https://www.ohio.edu/chsp/rcs/pt/about/research.cfm)
• SPH Social and Public Health [https://www.ohio.edu/chsp/sph/](https://www.ohio.edu/chsp/sph/)

**Internal Faculty Awards**

**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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1 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).

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


88. **Schuller, K. A., Amundson, M. A., McPherson, M., & Halas, G.W.** (In press). An interprofessional program to culturally sensitize students to the needs of patients and realities of practice in rural areas. *Journal of Interprofessional Care.*


**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.


2. Alonzo, A. (2016, April). Knowledge and perceptions of online MSN students regarding the DNP. Poster session presented at Nurse Educator Institute, Branson, MO.


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.


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.


conference for the American Music Therapy Association, Sandusky, OH.


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...


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.)


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 University of Toledo, Department of Kinesiology Research Symposium, 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)


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.


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)


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)


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.


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.


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


ultramarathon runner. Poster session presented at the annual meeting of the Midwest Chapter of the American College of Sports Medicine, Fort Wayne, IN.


225. Xu, L. (2016, August 10). Audiology at OHIO. Paper presented at the Shenzhen the Second People’s Hospital, Shenzhen, China. (Invited)


Grants and Contracts Awarded

INTRAMURAL GRANTS


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.


Schuller, K. (PI). (FY16). Interdisciplinary Research Award. Department of Social and Public Health, College of Health Sciences and Professions, Ohio University, $1,482.


EXTRAMURAL GRANTS AND CONTRACTS

Fiscal Year 2016


Buchman, S. (Project Director, 100%). (FY16). Choose Ohio First Scholarship Program-Supplement. Ohio Board of Nursing, $237,079.


Chleboun, G. (PI, 100%). OUTA Contract. Hocking County Board of Developmental Disabilities, $10,837.


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.


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.


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


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


**EXTRAMURAL GRANTS AND CONTRACTS**

**Fiscal Year 2017**


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.


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

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.


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.


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 (Lancaster City Schools) Lancaster City Schools, $7,585.


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

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

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, 100%). (FY17). Kids on Campus Summer 2017 Meal Support, Rocky Community Improvement Fund, $5,000.


Starkey, C. (PD, 100%). (FY17). Clinical Athletic Training FY17, Various Sponsors, $366,457.

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.


Student Enhancement Awards 2016 – 2017


Global Health Case Competition
(Fall 2016)

Issue: Negative impact of El Nino on resource scare 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)


CHSP “WORK” GRANTS
(Spring 2016 & Fall 2016)

Theses and Dissertations

Academic Year 2015-2016


Academic Year 2016-2017


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 Coolaghan 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)
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; Heath 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 extantl 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 Haghighi  
**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 provided 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)

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

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

Clinic 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
College of Health Sciences and Professions: Faculty and Student Research and Scholarship Report (Summer 2017)
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 (PPlase) 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: Neddyalko 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 Coologhan (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: 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.

APPENDIX: FACULTY & STAFF

Emeriti

- 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

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

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

- Tania Basta, PhD, Associate Professor and Chair, Department of Social and Public Health (eff AY17)
- Doug Bolon, PhD, Associate Professor and Chair, Department of Social and Public Health (RET JUNE16)
- 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) (RES 8/15/17)
- Jeffrey DiGiovanni, PhD, Associate Professor and Interim Chair, Department of Interdisciplinary Health Studies (IHS) (eff 8/16/17)
- Dhiraj Vattem, PhD, Professor and Director, School of Applied Health Sciences and Wellness

School/Department Abbreviations

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<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>AHSW</td>
<td>Applied Health Sciences and Wellness, School of</td>
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<tr>
<td>IHS</td>
<td>Interdisciplinary Health Studies, Department of</td>
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<tr>
<td>SON</td>
<td>Nursing, School of</td>
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<td>RCS</td>
<td>Rehabilitation and Communication Sciences, School of</td>
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<td>SPH</td>
<td>Social and Public Health, Department of</td>
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Program Abbreviations

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<tbody>
<tr>
<td>AT</td>
<td>Athletic Training</td>
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<td>CFS</td>
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<td>Community and Public Health</td>
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<td>Food and Nutrition Sciences</td>
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<td>Speech and Hearing Sciences</td>
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<tr>
<td>SW</td>
<td>Social Work</td>
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</tbody>
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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)
- Francois-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 Porn Yom, PhD, Assistant Professor (EP, AHSW)

Clinical Faculty

• 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)†
• 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)

† Clinical Faculty rank approved by Faculty Senate spring 2012; effective fall 2012.
‡ Moved from a visiting faculty (Group IV) to a Clinical Faculty Position in 2015-2016.
College of Health Sciences and Professions: Faculty and Student Research and Scholarship Report (Summer 2017)
• 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)
• Kimberley 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

• 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)
• Aimée (Imbrosciano) Vance, RN, MSN, MPH, Lecturer (SON)
• B. Andrew Krause, PhD, AT, Lecturer (RCS)
• Marape, MD, Lecturer (GH, IHS)

† 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 Shinew, 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

Corrections: hornerj@ohio.edu