



**OHIO**  
UNIVERSITY

## College of Health Sciences and Professions

### Office of the Dean

Grover Center W379  
Athens, OH 45701-2979  
T: 740.593.9336  
F: 740.593.0285  
[www.ouchsp.org](http://www.ouchsp.org)

### Department of Social and Public Health

Grover Center W324  
T: 740.593.4675

### School of Applied Health Sciences and Wellness

Grover Center E317  
T: 740.566.0470.

### School of Nursing

Grover Center E365  
T: 740.593.4494

### School of Rehabilitation and Communication Sciences

Grover Center W290  
T: 740.593.1224

# Annual Report:

## *Faculty Research & Scholarship*

(January 1, 2011—December 31, 2011)

## Dean's Message

The College of Health Sciences and Professions Annual Report is a summary of the wide range of scholarship accomplished by the College during calendar year 2011. Our faculty and our students are addressing many critically important issues in their disciplines. The work described here includes bench science that helps us to better understand the nature of disease and disabling conditions, explorations of health outcomes and factors that contribute to them, and community-engaged research that contributes to better lives for various populations. I invite you to read through the following pages. You will be impressed by the volume, scope, and quality of the research my colleagues in the College have undertaken.

Randy Leite, PhD

Dean

# Table of Contents

## Schools and Departments

Department of Social & Public Health (DSPH)  
Undergraduate and Graduate Programs  
Accreditation

School of Applied Health Sciences & Wellness (SAHSW)  
Undergraduate and Graduate Programs  
Accreditation

School of Nursing (SON)  
Undergraduate and Graduate Programs  
Accreditation

School of Rehabilitation & Communication Sciences (SRCS)  
Undergraduate and Graduate Programs  
Accreditation

## Faculty

### Research Laboratories

Scholarship and Creative Activity in 2011  
Publications  
Presentations

### Grants & Contracts Awarded

Fiscal Year 2010 (July 1, 2010 to June 30, 2011)  
Fiscal Year 2011 (July 1, 2011 to June 30, 2012)

## Schools and Departments

### Department of Social and Public Health

This department is distinguished by its breadth of programs addressing community health, environmental and population-level diseases, and health administration. During calendar year 2011, this Department had 19 Group I faculty; 7.6 Group II-IV, and 2 classified staff member. Social work programs officially relocated to the College July 1, 2011.

#### 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 Industrial Hygiene (BS-IH)*  
*Bachelor of Science in Child and Family Studies (BS-CFS) [phasing out Human and Consumer Sciences (BS-HCS)—Family Studies]*  
*Bachelor of Arts in Social Work (BA-SW)* <sup>CHSP 7/1/2011</sup>  
*Interdisciplinary Certificate in Gerontology*

#### Graduate programs

*Master of Health Administration—Online (MHA)*  
*Master of Public Health (MPH)*  
*Master of Science in Child and Family Studies (MS-CFS) [phasing out Human and Consumer Sciences (MS-HCS)—Family Studies]*  
*Master of Arts in Social Work (MA-SW)* <sup>CHSP 7/1/2011</sup>  
*Certificate in African Community Health Services*  
*Certificate in Health Care Services Administration*  
*Certificate in Health Policy*  
*Interdisciplinary Certificate in Gerontology*

Fall term student major FTE (Fall, 2011): Undergraduate (UG) and Graduate (GR)

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Child & Family Studies	116	4
Environmental Health & Industrial Hygiene	49	0
Health Services Administration & Long Term Health Care Administration	321	366
Public Health	38	27
Social Work	93	24

#### Accreditation

*Environmental Health (BS):* National Environmental Health Science and Protection Accreditation Council (NEHSPAC), 2010-2016  
*Long Term Health Care Administration (BS):* National Association of Boards of Examiners for Long Term Care Administrators (NAB), 2010-2015  
*Public Health (MPH):* Council on Education for Public Health (CEPH), 2009-2016  
*Social Work (BA, MA):* Council on Social Work Education (CSWE), 2006-2014

## School of Applied Health Sciences and Wellness

This school includes a set of inter-related academic degrees in exercise physiology, nutrition, and athletic training supported by two ancillary units in the college: The Atrium Café, and WellWorks. During calendar year 2011, this School had 12 Group I faculty, 5.4 Group II-IV faculty (including WellWorks and the Atrium Café), and 1 classified staff member.

### 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) [phasing out Human and Consumer Sciences (BS-HCS)—Nutrition]:*
  - *Nutrition*
  - *Applied Nutrition*

### Graduate programs

- Master of Science in Athletic Training (MS-AT)*
- Master of Science in Physiology of Exercise*
- Master of Science in Food and Nutrition Sciences (MS-FNS) [phasing out Human and Consumer Sciences (MS-HCS)—Food and Nutrition]*

Fall term student major FTE (Fall, 2011): Undergraduate (UG) and Graduate (GR)

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Athletic Training	121	33
Exercise Physiology	417	15
Food and Nutrition Sciences	151	16

### Accreditation

- Applied Nutrition (formerly Dietetics) (BS):* Commission on Accreditation for Dietetics Education (CADE), 2005-2015
- Athletic Training (BS; professional accreditation):* Commission on Accreditation of Athletic Training Education (CAATE), 2007-2013 [continuing accreditation in process]
- Athletic Training (MS; post-professional accreditation):* National Athletic Trainers' Association (NATA), 2008-2012; Commission on Accreditation of Athletic Training Education (CAATE), 2012-2013 (onsite visitation to occur in 2013-14)

## School of Nursing

The school is comprised of a comprehensive ladder of nursing programs, from associate degree to Master of Science in Nursing. The RN-to-BSN is an online program with national distribution. During calendar year 2011, on the Athens campus, this School had 6 Group I faculty, 7.965 Group II-IV faculty (including one simulation lab coordinator), and 5 classified staff members. Additional faculty, academic advisors, and classified staff members serve the online and regional campus nursing programs.

### 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 Nursing (MSN) with three major areas of concentration:*

- *Education,*
- *Administration, and*
- *Family Nurse Practitioner*

Fall term student major FTE (Fall, 2011): Undergraduate (UG) and Graduate (GR)

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
RN-to-BSN Nursing (eLearning)	3,995	0
BSN (Athens)	428	
Nursing (Graduate Outreach)	0	124

### Accreditation

*Nursing (AD):* National League for Nursing Accrediting Commission (NLNAC), 2007-2015; and Ohio Board of Nursing (OBN), 2005-2010  
*Nursing (RN-to-BSN):* Commission for Collegiate Nursing Education (CCNE), 2011-2021  
*Nursing (BSN):* Commission for Collegiate Nursing Education (CCNE), 2011-2021  
*Nursing (MSN):* Commission for Collegiate Nursing Education (CCNE), 2007-2012

## School of Rehabilitation and Communication Sciences

The School is comprised of the programs of Physical Therapy and Communication Sciences and Disorders. Physical Therapy offers a doctorate, and the Communication Sciences and Disorders program offers bachelor's and master's preparation, as well as both an Audiology Doctorate and Doctor of Philosophy degrees. During calendar year 2011, this School had 18 Group I faculty members, 3,793 Group II-IV faculty members, and 4.5 classified staff members, some of whom staff OU Therapy Associates (offering physical therapy, and speech, language and hearing services).

### Undergraduate Programs

*Bachelor of Science in Communication Sciences and Disorders (BS-CSD) [formerly Hearing, Speech and Language Sciences, BS-HSLS]  
Hearing, Speech and Language Sciences (Minor)  
Honors Tutorial Program, Hearing Speech and Language Sciences*

### Graduate programs

*Doctor of Physical Therapy (DPT)  
Master of Arts in Communication Sciences and Disorders (MA-CSD) [ formerly Speech-Language Pathology, MA-SLP]  
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*

Fall term<sup>1</sup> student major FTE (Fall, 2011): Undergraduate (UG) and Graduate (GR)

<i>Program Name</i>	<i>UG</i>	<i>GR</i>
Communication Sciences and Disorders	347	96
Physical Therapy	0	121

### Accreditation

*Physical Therapy (DPT):* Commission on Accreditation in Physical Therapy Education (CAPTE), 2009-2019  
*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

<sup>1</sup> In addition to student enrollment numbers reported within each school/department, there were an additional 125 “undecided” undergraduate students in fall, 2011.

# Faculty<sup>2,3</sup>

## (Listed alphabetically)

### Emeriti

- Leona Cibrowski, PhD, Associate Dean Emerita
- Sharon Denham, DSN, RN, Professor Emerita of Nursing
- 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
- Gary S. Neiman, PhD, Dean Emeritus
- Kathleen Fox Tennant, PhD, APRN, Assistant Professor Emerita of Nursing

### Group I

- Matthew O. Adeyanju, PhD, MPH, CHES, FASHA, Professor (DSPH)
- Cathy Baker, PhD, RN, Assistant Professor (SON)
- Tania Basta, PhD, MPH, CHES, Associate Professor (DSPH)<sup>P & T</sup>
- Joann Benigno, PhD, Assistant Professor (SRCS)
- Darlene Berryman, PhD, RD, LD Associate Professor (SAHSW)
- Doug Bolon, PhD, Associate Professor (DSPH)
- Robert G. Brannan, PhD, Associate Professor (SAHSW)<sup>P & T</sup>
- Mary E. Bowen, RN, DNS, JD, NEA, Professor (SON)
- Susan Bullard, PhD, Assistant Professor (SAHSW)<sup>RES-RET</sup>
- Jenny Chabot, PhD, CCLS, Associate Professor (DSPH)
- Gary S. Chleboun, PhD, PT, Professor (SRCS)
- Jeffrey J. DiGiovanni, PhD, Associate Professor (SRCS)
- Warren Galbreath, PhD, SW, Associate Professor (DSPH)
- Roger Gilders, PhD, CSCS, Professor & School Director (SAHSW)
- Brooke Hallowell, PhD, Professor (SRCS)
- Deborah E. Henderson, PhD, RN, Professor (SON)
- David H. Holben, PhD, RD, LD, Professor (SAHSW)
- Cheryl Howe, PhD, CES, CSCS, CEP, Assistant Professor (SAHSW)
- Gregory Janson, PhD, Associate Professor (DSPH)
- Fuh-Cherng Jeng, MD, PhD, Assistant Professor (SRCS)
- Teresa Julian, PhD, CNP, Associate Professor (SON)
- Joan Jurich, PhD, Associate Professor (DSPH)

---

<sup>2</sup>This list includes faculty members who held appointments during calendar year **2011** within those schools that remained in the new College of Health Sciences and Professions July 1, 2010 forward, as well as faculty members from the Department of Social Work who joined the college in July 1, 2011.

<sup>3</sup> The acronym (in parentheses) after each name indicates the current department or school affiliation: Department of Social and Public Health (**DSPH**); School of Applied Health Sciences and Wellness (**SAHSW**); School of Nursing (**SON**); School of Rehabilitation and Communication Sciences (**SRCS**).



- Youngsun Kim, PhD, Associate Professor (SRCS)
- B. Andrew Krause, PhD, AT, Assistant Professor (SAHSW)
- Michael Kushnick, PhD, HFS, Associate Professor (SAHSW)
- Chao-Yang Lee, PhD, Associate Professor (SRCS)
- Mingun Lee, PhD, SW, Assistant Professor (DSPH)
- Gari Lesnoff-Caravaglia, PhD, Professor (DSPH) RES-RET
- Margaret Manoogian, PhD, Associate Professor (DSPH) RES-RET
- Sally A. Marinellie, PhD, Associate Professor (SRCS)
- John McCarthy, PhD, Associate Professor (SRCS)
- Kristen Metzler-Wilson, PhD, PT, Assistant Professor (SRCS) RES
- James W. Montgomery, PhD, Professor (SRCS)
- Michele Morrone, PhD, RS, Associate Professor (DSPH)
- Sharon Mullen, RN, PhD, Assistant Professor (SON) ER
- Christina Nyirati, PhD, CNP, Assistant Professor (SON)
- Averell S. Overby, DrPH, PT, Associate Professor & School Director (SRCS)
- Helmut W. Paschold, PhD, CIH, CSP, PE (TX), Assistant Professor (DSPH)
- Carla Phillips, RN, PhD, Assistant Professor (SON) ER
- Natalie Pope, PhD, SW, Assistant Professor (DSPH)
- Edward Potkanowicz, PhD, HFS, Assistant Professor (SAHSW) RES-RET
- Brian Ragan, PhD, AT, Assistant Professor (SAHSW)
- Sharon R. Rana, PhD, HFS, CSCS, Associate Professor (SAHSW)
- Dennis T. Ries, PhD, Associate Professor (SRCS)
- Kathleen Rose-Grippa, PhD, RN, Professor (SON)
- David Russ, PhD, PT, Assistant Professor (SRCS)
- Tim Ryan, PhD, RS, CIH, Associate Professor (DSPH)
- Anthony M. Sallar, PhD, MPH, MBA, Assistant Professor (DSPH) RES-RET
- Susan Sarnoff, PhD, SW, Associate Professor (DSPH)
- Alexander V. Sergeev, PhD, MD, MPH, Assistant Professor (DSPH)
- Betty Sindelar, PhD, PT, Associate Professor (SRCS)
- Therese Snively, PhD, Assistant Professor (SON) RES-RET
- Anne Sparks, PhD, SW, Assistant Professor (DSPH)
- Solveig Spjeldnes, PhD, SW, Assistant Professor (DSPH)
- Charles [Chad] Starkey, PhD, AT, FNATA, Professor (SAHSW)
- David V. Stretton, PHD, MBA, CPA, Assistant Professor (DSPH) RES-RET
- James Thomas, PhD, PT, Associate Professor (SRCS)
- Jason White, PhD, Assistant Professor (SAHSW)
- Richard Willy, PT, PhD, Assistant Professor (SRCS)
- Li Xu, MD, PhD, Associate Professor (SRCS)

#### Group II & IV

- Carole Alder, SW, LISW, Assistant Field Director, Instructor (DSPH)
- RuthAnn Althaus, PhD, MPH, MBA, MSLIS, Professor (DSPH)
- Marcus Barr, MS, Instructor (SAHSW)
- Jeff Bevan, MSN, CNP, Visiting Assistant Professor (SON) RES-RET

- Trina Bookman, MS, CPR/AED/IT, FA/AED/IT, WSI/IT, LG/IT, Instructor (SAHSW)
- Nichole Brandes, AuD, CCC-SLP, Instructor of Audiology (SRCS)
- Sherlena Buchman, MSN, RN, Assistant Professor (SON)
- Michael Clevidence, MS, CSCS, Instructor (SAHSW)
- Michele Courtney, PT, MBA, Instructor (SRCS)
- Susan Erlewine, MSN, RN, Assistant Professor (SON) RES-RET
- Denise Ferrell, MSN, RN, Assistant Professor (SON) RES-RET
- Judi Haberkorn, PhD, SW, Visiting Professor (DSPH)
- Heather Harmon, MPH, Instructor (DSPH)
- Terri Hood-Brown, MSN, RN, Assistant Professor (SON)
- Janice Howman, DPT, MEd, Assistant Professor (SRCS)
- Francis McFadden, MS, Assistant Professor (SAHSW), Manager of the Atrium Café
- Eleanor Miller, PhD, RN, Assistant Professor (SON)
- Juli L. Miller, MSHA, Instructor (DSPH)
- Deborah Murray, MS, RD, LD, Assistant Professor (SAHSW)
- James Odenthal, PT, MBA, Instructor (SRCS)
- Freve Pace, SW, LISW, Field Director, Instructor (DSPH)
- Brian Phillips, Med, MA, Instructor (DSPH)
- Tracy Pritchard, SW, LISW, University Partnership Program Coordinator, Instructor (DSPH)
- Jennifer Saffell, RN, MSN, Assistant Professor (SON)
- Sonya Saffell, RN, MSN, Assistant Professor (SON)
- Kayla Shinew, PhD, AT, Instructor (SAHSW)
- Petra Williams, PT, MS, NCS, Assistant Professor (SRCS)
- Selena Yearwood, PhD, CNP, Assistant Professor (SON) RES-RET
- Lisa J. S. Yehl, MSHA, LNHA, Instructor (DSPH)

#### Administrative Staff / Clinical Instructors

- Larry Hess, AD
- Kristi Kinnard, MA, CCC-SLP
- Marianne Malawista, PhD, CCC-SLP
- Sarah Taylor, MA
- Janice Wright, MA, CCC-SLP

#### NOTES

**CHSP 7/1/11**—Social Work academically relocated to the College of Health Sciences and Professions July 1, 2011.

**ER**—Early retiree status.

**P & T**—Promotion and tenure effective academic year 2011-2012.

**RES-RET**—Resignation or retirement effective June 30, 2011 or later.

## Research Laboratories<sup>4</sup>

- Auditory Electrophysiology (Fuh-Cherng Jeng, Director) (SRCS)
- Auditory Prosthesis Lab (Li Xu, Director) (SRCS)
- Auditory Psychophysics and Signal Processing Lab (Jeffrey DiGiovanni, Director) (SRCS)
- Augmentative and Alternative Communication Lab (John McCarthy, Director) (SRCS)
- Biomaterials Lab (Betty Sindelar, Director) (SRCS)
- Developmental Psycholinguistics Lab (James Montgomery, Director) (SRCS)
- Dysphagia Lab (Youngsun Kim, Director) (SRCS)
- Environmental Health / Industrial Hygiene Lab (Tim Ryan, Director) (DSPH)
- Environmental Research Lab (Tim Ryan, Director) (DSPH)
- Exercise Biochemistry Lab (Michael Kushnick, Director) (SAHSW)
- Exercise Physiology Lab (Sharon Rana and Michael Kushnick, Co-Directors) (SAHSW)
- Exercise Science Lab (Sharon Rana, Director) (SAHSW)
- Food Science Lab (Robert Brannan, Director) (AHSW)
- Motor Control Lab (James Thomas, Director) (SRCS)
- Muscle Physiology Lab (David Russ, Director) (SRCS)
- Neurolinguistics Lab (Brooke Hallowell, Director) (SRCS)
- Postural Control Lab (Averell Overby, Director) (SRCS)
- School-Age Language Lab (Sally Marinellie, Director) (SRCS)
- Sensory Analysis Lab (Robert Brannan, Director) (SAHSW)
- Speech Processing Lab (Chao-Yang Lee, Director) (SRCS)
- T.A.L.K. Lab (Joann Benigno, Director) (SRCS)
- Test Kitchen (Robert Brannan, Director) (SAHSW)
- Ultrasound/Muscle Imaging Lab (Gary Chleboun, Director) (SRCS)
- Vicon Motion Analysis Lab (James Thomas, Director) (SRCS)

---

<sup>4</sup> Research laboratories listed are the responsibility of faculty in the College of Health Sciences and Professions (effective 7/1/10), and do not include research laboratories that have been relocated to other colleges as part of university restructuring.

# Publications

## in Calendar Year 2011

(Includes peer-reviewed manuscripts, chapters, full papers in monographs and proceedings, Epub ahead of print, and articles “in press” as of December 31, 2011.)

1. Alhassan, S., Lyden, K., & **Howe, C. A.** (in press). Accuracy of accelerometer regression models in predicting physical activity energy expenditure and METs in children and youth. *Pediatric Exercise Science*.
2. **Baker, C. J.**, Fortney, C., Wewers, M. E., & Ahijevych, K. (2011). The cultural context of smoking among immigrants from the former Soviet Union. *Journal of Transcultural Nursing*, 22(2), 166-173.
3. **Basta, T.**, Reece, M., Shacham, E., & Davies, G. (2011). A community-based participatory approach to increase mental health among individuals living with HIV/AIDS. In L. Harter, J. Hamel-Lambert, & J. Millicent (Eds.), *Participatory partnerships for social action and research* (pp. 121-138). Dubuque, IA: Kendall-Hunt.
4. **Benigno, J. P.**, Bennett, J., **McCarthy, J. W.**, & Smith, J. (2011). Situational and psychosocial factors mediating coordinated joint attention with Augmentative and Alternative Communication Systems with beginning communicators without disabilities. *Augmentative and Alternative Communication*, 27, 67-76.
5. **Benigno, J. P.**, Byrd, D. L., McNamara, J. P. H., Berg, W. K., & Farrar, M. J. (2011). Talking through transitions: Microgenetic changes in preschoolers' private speech and executive functioning. *Child Language, Teaching & Therapy*, 27, 269-285.
6. **Benigno, J. P.**, & Farrar, M. J. (in press). Determinants of sibling joint attention. *Infant and Child Development*.
7. **Benigno, J. P.**, & McCarthy, J. W. (in press). Aided symbol-infused joint attention. *Child Development Perspectives*.
8. **Berryman, D. E.** (2011). Body composition, adipose tissue and energy balance. In Z. Laron & J. J. Kopchick (Eds.), *Laron syndrome: From mouse to man* (pp. 441-459). Heidelberg: Springer-Verlag GmbH Berlin.
9. **Berryman, D. E.**, Davy, B., & List, E.O. (in press). Control of energy balance. In M. H. Stipanuk & M. A. Caudill (Eds.), *Biochemical, physiological and molecular aspects of human nutrition* (3<sup>rd</sup> ed., pp. 501-518). St. Louis, MO: Elsevier.
10. **Berryman, D. E.**, & Hulver, M. (in press). Cellular and whole animal bioenergetics. In M. H. Stipanuk & M. A. Caudill (Eds.), *Biochemical, physiological and molecular aspects of human nutrition* (3<sup>rd</sup> ed., pp. 481-500). St. Louis, MO: Elsevier.

11. **Berryman, D. E.**, List, E. O., Sackmann-Sala, L., Lubbers, E., Munn, R., & Kopchick, J. J. (2011). Growth hormone and adipose tissue: Beyond the adipocyte. *Growth Hormone IGF Research*, 21(3), 113-123.
12. **Berryman, D. E.**, & Taylor, C. (in press). Disturbances of energy balance. In M. H. Stipanuk & M. A. Caudill (Eds.), *Biochemical, physiological and molecular aspects of human nutrition* (3<sup>rd</sup> ed., pp. 519-539). St. Louis, MO: Elsevier.
13. **Brannan, R. G.** (2011). Effect of N-acetyl-cysteine on liposomal and muscle model oxidation induced by reactive oxygen, nitrogen, and sulfur. *Meat Science*, 88, 733-739.
14. **Brannan, R. G.**, Salabak, D. E., & **Holben, D. H.** (in press). Sensory analysis of pawpaw pulp puree: Consumer appraisal and descriptive lexicon. *Journal of Food Research*.
15. Campbell, S., Moffatt, R., & **Kushnick, M.** (2011). Continuous and intermittent walking alters HDL2-C and LCATa. *Atherosclerosis*, 218(2), 524-529.
16. Chen, J.-Y., Su, J.-J., **Lee, C.-Y.**, & O'Seaghdha, P. G. (in press). Linguistically directed attention to the temporal aspect of action events in monolingual English speakers and Chinese-English bilingual speakers with varying English proficiency. *Bilingualism: Language and Cognition*.
17. **Chleboun, G. S.** (2011). Muscle structure and function. In P. K. Levangie & C. C. Norkin (Eds.), *Joint structure and function: A comprehensive analysis* (5<sup>th</sup> ed., pp. 108-137). Philadelphia, PA: F. A. Davis.
18. Clark, B. C., Goss, D. A., Walkowski, S., Hoffman, R. L., Ross, A. J., & **Thomas, J. S.** (2011). Neurophysiologic effects of spinal manipulation in patients with chronic low back pain. *BMC Musculoskeletal Disorders*, 12, 170-179.
19. Clark, B. C., Manini, T. M., **Kushnick, M. R.**, Williams, P. S., & Hoffman, R. L. (2011). Blood flow restricted resistance exercise training with low-mechanical loads: A novel rehabilitation strategy to promote muscle growth and strength. *Scandinavian Journal of Medicine and Science in Sports*, 21(5), 653-662.
20. **Denham, S. A.** (2011). Diabetes: A family matter from insight to intervention [The Cutting Edge of Family Nursing Interventions]. In E. K. Svavarsdottir & H. Jonsdottir (Eds.), *Family nursing in action* (pp. 309-332). Reykjavik, Iceland: University of Iceland Press.
21. **Denham, S. A.** (2011). Family and type 2 diabetes. In M. Craft-Rosenberg & S.-R. Pehler (Eds.), *Encyclopedia of family health* (pp. 319-321). Thousand Oaks, CA: Sage Publications.
22. **Denham, S. A.** (2011). Rituals, routines, and their influence on health in families. M. Craft-Rosenberg & S.-R. Pehler (Eds.), *Encyclopedia of family health* (pp. 909-911). Thousand Oaks, CA: Sage Publications.
23. **Denham, S. A.**, Ware, L., Raffle, H., & Leach, K. (2011). Family inclusion in diabetes education: A nationwide survey of diabetes educators. *The Diabetes Educator*, 37(4), 528-535.

24. **DiGiovanni, J. J.**, Davlin, E., & Nagaraj, N. (2011). The effects of transient-noise reduction algorithms on speech intelligibility and user ratings among hearing-impaired users. *American Journal of Audiology*, 20, 140-150.
25. **DiGiovanni, J. J.**, & Pratt, R. M. (2011). Regarding DiGiovanni and Pratt [Author Reply]. *Journal of the American Academy of Audiology*, 22, 242-243.
26. Ding, J., **Berryman, D. E.**, Jara, A., & Kopchick, J. J. (2011, December 7). Age- and sex-associated plasma proteomic changes in growth hormone receptor gene-disrupted mice. *Journals of Gerontology. Series A, Biological Sciences and Medical Sciences* [Epub ahead of print]. doi:10.1093/gerona/glr212
27. Ding, J., **Berryman, D. E.**, & Kopchick, J. J. (2011, December). Plasma proteomic profiles of bovine growth hormone transgenic mice as they age. *Transgenic Research*, 20(6), 1305-1320.
28. Dunlap, T., Marshall, M. V., Costerton, W. J., Schaudinn, C., **Sindelar, B. J.**, Cotton, J. R., & Keller, D. C. (2011). Subgingival delivery of oral debriding agents. A proof of concept. *Journal of Clinical Dentistry*, 22, 149-158.
29. Effgen, S. K., & **Howman, J. L.** (in press). Serving the needs of children and their families. In S. K. Effgen (Ed.), *Meeting the physical therapy needs of children* (2<sup>nd</sup> ed.). Philadelphia, PA: F. A. Davis.
30. Effgen, S. K., & **Howman, J. L.** (in press). Child appraisal: Examination and evaluation. In S. K. Effgen (Ed.), *Meeting the physical therapy needs of children* (2<sup>nd</sup> ed.). Philadelphia, PA: F. A. Davis.
31. Goss, D. A., **Thomas, J. S.**, & Clark, B. C. (2011). Novel methods for quantifying neurophysiologic properties of the human lumbar paraspinal muscles. *Journal of Neuroscience Methods*, 194(2), 329-335.
32. Goss, D. A., **Thomas, J. S.**, Walkowski, S., Licciardone, J. C., Yue, G. H., & Clark, B. C. (in press). Non-thrust manual therapy reduces erector spinae short-latency stretch reflex asymmetries in patients with chronic low back pain. *Journal of Electromyography and Kinesiology*.
33. Gutin, B., Harris, R. A., **Howe, C. A.**, Johnson, M. H., Zhu, H., & Dong Y. (2011). Cardiometabolic biomarkers in young black girls: Relations to body fatness and aerobic fitness, and effects of a randomized physical activity trial. *International Journal of Pediatrics [Clinical Study]*. Article ID 219268. doi:10.1155/2011/219268
34. **Hallowell, B.** (in press). Exploiting eye-mind connections for clinical applications in language disorders. In R. Goldfarb (Ed.). *Translational speech-language pathology and audiology*. San Diego, CA: Singular Publishing Group.
35. **Hallowell, B.**, & Henri, B. (in press). Strategies for promoting access to speech-language pathology and audiology services. In R. Lubinski, L. A. C. Golper, & S. Frattali (Eds.), *Professional issues in speech-language pathology and audiology* (4<sup>th</sup> ed.). San Diego, CA: Singular Publishing Group.

36. Hassan, R. E., Jones, B. L., **Howe, C. A.**, & Freedson, P. S. (2011). Accuracy of four resting metabolic rate prediction equations: Effects of age, sex and body mass index. *Journal of Science and Medicine in Sport*, 14, 344-351.
37. Herrmann, S. D., Snook, E. S., Scott, C. B., Mack, M. G., Kang, M., Dompier, T. P., & **Ragan, B. G.** (2011). Development and validation of a Movement and Activity in Physical Space (MAPS) score as a functional outcome measure. *Archives of Physical Medicine and Rehabilitation*, 92(10), 1652-1658.
38. **Holben, D. H.** (2011). Limited access to food—Assessing food access of clients and patients. In M. Nelms., K. P. Sucher., K. Lacey, & S. L. Roth (Eds.), *Nutrition therapy and pathophysiology* (2<sup>nd</sup> ed., pp. 37-38). Belmont, CA: Wadsworth/Thomson Learning.
39. **Holben, D. H.** (2011). Are your patients hungry? An examination of food insecurity in America. *Osteopathic Family Physician*, 3(4), 134-140. [**Awarded Outstanding Article of the Year.**]
40. **Holben, D. H.** (2011). Development of an organic gardening workshop and community engagement activities to develop a healthy, local food system. *Journal of Hunger and Environmental Nutrition*, 6(2), 233-235.
41. **Holben, D. H.** (2011). Research gaps from a disciplinary perspective: A nutritionist's perspective. In Institute of Medicine, *Hunger and obesity—Understanding a food insecurity paradigm* (pp. 150-159). Washington, DC: National Academies Press. Available from: [http://www.nap.edu/catalog.php?record\\_id=13102](http://www.nap.edu/catalog.php?record_id=13102)
42. Horner, A. M., **Russ, D. W.**, & Biknevičius, A. R. (2011). Effects of early stage aging on locomotor dynamics and hindlimb muscle force production in the rat. *Journal of Experimental Biology*, 214, 3588-3595.
43. **Horner, J.**, & Minifie, F. D. (2011). Research ethics I: Responsible conduct of research (RCR)—Historical and contemporary issues pertaining to human and animal experimentation. *Journal of Speech, Language, and Hearing Research*, 54, S303-S329.
44. **Horner, J.**, & Minifie, F. D. (2011). Research ethics II: Mentoring, collaboration, peer review, and data management and ownership. *Journal of Speech, Language, and Hearing Research*, 54, S330-S345.
45. **Horner, J.**, & Minifie, F. D. (2011). Research ethics III: Publication practices and authorship, conflicts of interest, and research misconduct. *Journal of Speech, Language, and Hearing Research*, 54, S346-S362.
46. **Horner, J.** (in press). Professional liability. In R. Lubinski, L. A. C. Golper, & C. Frattali (Eds), *Professional issues in speech-language pathology and audiology* (4th ed.). Clifton Park, NY: Thomson Delmar Publishers.
47. **Howe, C. A.**, Harris, R. A., & Gutin, B. (2011). A 10-month physical activity intervention improves body composition in young black boys. *Journal of Obesity*. Article ID 358581. doi:10.1155/2011/358581

48. Im, I., Kim, H., Ko, M., Oommen, E., & **Kim, Y.** (2011). Effects of bolus consistency in pharyngeal transit duration during normal swallowing, *Annals of Rehabilitation Medicine*, 36(2), 220-225.
49. Ingham, J. C., Minifie, F. D., **Horner, J.**, Robey, R. R., Lansing, C., McCartney, J. H., . . . Moss, S. E. (2011). Ethical principles associated with the publication of research in ASHA's scholarly journals: Importance and adequacy of coverage. *Journal of Speech, Language, and Hearing Research*, 54, S394-S416.
50. Ivanova, M. V., & **Hallowell, B.** (in press). Validity of an eye-tracking method to index working memory in people with and without aphasia. *Aphasiology*.
51. **Janson, G. R.** (2011). Under the clock tower, my father's wisdom: Teaching forgiveness. In R. E. Keim & A. L. Jacobson (Eds.), *Wisdoms for parents: Key ideas from parent educators* (pp. 127-129). Minneapolis, MN: NCFR.
52. **Jeng, F.-C.**, Chung, H.-K., Lin, C.-D., Dickman, B. M., & Hu, J. (2011). Exponential modeling of human frequency-following responses to voice pitch. *International Journal of Audiology*, 50, 582-593. doi:10.3109/14992027.2011.582164
53. **Jeng, F.-C.**, Costilow, C. E., Stangherlin, D. P., & Lin, C.-D. (2011). Relative power of harmonics in human frequency-following responses associated with voice pitch in American and Chinese adults. *Perceptual and Motor Skills*, 113(1), 67-86. doi:10.2466/10.24.PMS.113.4.67-86
54. **Jeng, F.-C.**, Hu, J., Dickman, B. M., Lin, C.-Y., Lin, C.-D., Wang, C.-Y., Chung, H.-K., & **Li, X.** (2011). Evaluation of two algorithms for detecting human frequency-following responses to voice pitch. *International Journal of Audiology*, 50(1), 14-26. doi:10.3109/14992027.2010.515620
55. **Jeng, F.-C.**, Hu, J., Dickman, B. M., Montgomery-Reagan, K., Tong, M., Wu, G., & Lin, C.-D. (2011). Cross-linguistic comparison of frequency-following responses to voice pitch in American and Chinese neonates and adults. *Ear Hearing*, 32(6), 699-707. doi:10.1097/AUD.0b013e31821cc0df
56. **Jeng, F.-C.**, & Warrington, R. P. (2011). Effects of silent interval on human frequency-following responses to voice pitch. *Proceedings of Meetings on Acoustics*, 14, 2-1-2-8. doi:10.1121/1.3666047
57. John, D., Liu, S., Sasaki, J. E., **Howe, C. A.**, Staudenmayer, J., Gao, R. X., & Freedson, P. S. (2011). Calibrating a novel multi-sensor physical activity measurement system. *Physiological Measurement*, 32, 1473-1489.
58. King, M., & **Janson, G.** (2011, September/October). Beware emotional maltreatment. *Principal Magazine*, 18-21.
59. Kopchick, J. J., Tanda, H., **Berryman, D. E.**, & Laron, Z. (2011). Conclusions and future studies. In Z. Laron & J. J. Kopchick (Eds.), *Laron syndrome: From mouse to man* (pp. 513-520). Heidelberg: Springer-Verlag GmbH Berlin.



60. Kopchick, J. J., **Berryman, D. E.**, Gosney, E., & List, E. O. (2011). Growth hormone and translational research: From the “bench” to the “bedside.” *Endocrinology Metabolism*, 26(4), 285-294.
61. **Lee, C.-Y.**, Lee, Y.-F., & Shr, C.-L. (2011). Perception of musical and lexical tones by Taiwanese-speaking musicians. *Journal of the Acoustical Society of America*, 130, 526-535.
62. **Lee, M.**, & Fortune, A. E. (in press). Learning activities and their effect on learning outcomes over the course of field practicum. *Journal of Social Work Education*.
63. **Lee, M.**, & Fortune, A. E. (in press). Do we need more “doing activities” or “thinking activities” for better learning in the field? *Journal of Social Work Education*.
64. Leon, C., Oh, H.-J., & **Rana, S.** (in press). A purposeful dynamic stretching routine for distance running athletes and coaches. *Strategies*.
65. **Li, X. & Jeng, F.-C.** (2011). Noise tolerance in human frequency-following responses to voice pitch. *Journal of the Acoustical Society of America*, 129(1), EL21-EL26. doi:10.1121/1.3528775
66. List, E. O., Sackmann-Sala, L., **Berryman, D. E.**, Funk, K., Kelder, B., Gosney, E. S., . . . Kopchick, J. J. (2011). Endocrine parameters and phenotypes of the growth hormone receptor gene disrupted (GHR<sup>-/-</sup>) mouse. *Endo Reviews*, 32(3), 356-386.
67. Magimairaj, B., & **Montgomery, J.** (in press). Children’s verbal working memory and the role of processing complexity in predicting spoken sentence comprehension. *Journal of Speech, Language, and Hearing Research*.
68. Magimairaj, B., & **Montgomery, J.** (in press). Controlled attention, storage, and processing speed in predicting children’s working memory span performance. *Acta Psychologica*.
69. Malek, M. H., Coburn, J. W., Housh, T. J., & **Rana, S. R.** (2011). Excess post exercise oxygen consumption is not associated with mechanomyographic amplitude following incremental cycle ergometry in the quadriceps femoris muscles. *Muscle Nerve*, 44, 432-438.
70. Manini, T. M., **Russ, D. W.**, & Clark, B. C. (in press). The complex relation between muscle size and muscle strength. In A. Cruz-Jentoft & J. E. Morely (Eds.), *Sarcopenia* (pp. 74-103). Chichester, UK: John Wiley & Sons, Ltd.
71. **Manoogian, M. M., Jurich, J. A.**, & Richards, L. N. (2011). The fragile boundaries of empowerment and exploitation: Reflections on our journeys as feminist participatory researchers. In L. M. Harter, J. Hamel-Lambert, & J. L. Millesen (Eds.), *Participatory partnerships for social action and research* (pp. 389-404). Dubuque, IA: Kendall Hunt Publishing.
72. **McCarthy, J. W.** (2011). Music combined with computer assisted instruction can help children with autism label novel line-drawn symbols. *Evidence-Based Communication Assessment and Intervention*, 5(2), 89-95.
73. Meiwald, C., **Holben, D. H.**, & Hall, P. (in press). The role of a good food box program on fruit and vegetable consumption and food security. *Canadian Journal of Dietetic Research and Practice*.

74. **Metzler-Wilson, K.**, Kellie, L., Tomc, C., Simpson, C., Sammons, D., & Wilson, T. E. (in press). Differential vasodilatory responses to local heating in facial, glabrous and hairy skin. *Clinical Physiology and Functional Imaging*.
75. Minifie, F. D., Robey, R. R., **Horner, J.**, Ingham, J., Lansing, C., McCartney, J. H., . . . Moss S.E. (2011). Responsible conduct of research in communication sciences and disorders: Faculty and student perceptions. *Journal of Speech, Language, and Hearing Research*, *54*, S363-S393.
76. **Morrone, M.** (2011). From cancer to diarrhea: The moving target of public concern about environmental health risks. *Environmental Health Insights*, *5*, 87-96.
77. **Morrone, M.**, & Buckley, G. (Eds.). (2011). *Mountains of injustice: Social and environmental equity in Appalachia*. Athens, OH: Ohio University Press.
78. **Morrone, M.**, & Kruse, W. (2011). Housewives from hell: Perspectives on environmental justice and facility siting. In M. Morrone & G. Buckley (Eds.), *Mountains of injustice: Case studies of environmental equity* (pp. 145-160). Athens, OH: Ohio University Press.
79. Oommen, E., **Kim, Y.**, & McCullough, G. H. (2011). Stage transition and laryngeal closure in poststroke patients with dysphagia, *Dysphagia*, *26*, 318-323.
80. **Pope, N.** (2011, April). Promoting "careers in aging" in southeast Ohio. *Ohio Update* [NASW Ohio Chapter E-Newsletter]. Columbus, OH: National Association of Social Workers Ohio Chapter.
81. **Pope, N.**, & Hadden, J. B. (2011). Tips for making home visits in child welfare. *The New Social Worker*, *18*(3), 12-13.
82. **Pope, N. D.**, & Kang, B. (2011). Social work students' attitude about working with involuntary clients. *Journal of Teaching in Social Work*, *31*(4), 442-456.
83. **Pope, N. D.**, Rollins, L., Chaumba, J., & Risler, E. (2011). Evidence-based practice knowledge and utilization among social workers. *Journal of Evidence-Based Social Work*, *8*(4), 349-368.
84. **Ragan, B. G.** (in press). The physiology and psychology of pain. In C. Starkey (Ed.). *Therapeutic modalities* (4th ed.). Philadelphia, PA: F. A. Davis.
85. Ray, E. B., **Holben, D. H.**, & Holcomb, J. P. (in press). Food security status and produce intake behaviors, health status, and diabetes risk among women with children living on a Navajo reservation. *Journal of Hunger and Environmental Nutrition*.
86. **Russ, D. W.**, Clark, B. C., Krause, J., & Hagerman, F. C. (in press). Development of a neuromuscular electrical stimulation protocol for sprint training. *Medicine and Science in Sports and Exercise*.
87. **Russ, D. W.**, Gregg-Cornell, K., Conaway, M. J., & Clark, B. C. (in press). Evolving concepts on the age-related changes in 'muscle quality.' *Journal of Cachexia Sarcopenia & Muscle*.
88. **Russ, D.W.**, & Grandy, J.S. (2011). Increased desmin expression in hindlimb muscles of aging rats. *Journal of Cachexia Sarcopenia & Muscle*, *2*, 175-180.

89. **Russ, D. W.**, & Lanza, I. R. (2011). The impact of old age on skeletal muscle energetics: Supply and demand. *Current Aging Science*, 4, 235-248.
90. **Russ, D. W.**, Grandy, J. S., Toma, K., & Ward, C. W. (2011). Aging, but not yet senescent, rats exhibit reduced muscle quality and sarcoplasmic reticulum function. *Acta Physiologica (Oxford)*, 201(3), 391-403.
91. Sackmann-Sala, L., **Berryman, D. E.**, Lubbers, E. R., Vesel, C. B., Troike, K. M., List, E. O., . . . Kopchick, J. J. (2011, September 29). Decreased insulin sensitivity and increased oxidative damage in wasting adipose tissue depots of wild-type mice. *Age* [Epub ahead of print]. doi:10.1093/gerona/glr212
92. Sackmann-Sala, L., **Berryman, D. E.**, Munn, R. D., Lubbers, E. R., & Kopchick, J. J. (2011, July 21). Heterogeneity among white adipose tissue depots in male C57BL/6J mice. *Obesity (Silver Spring)* [Epub ahead of print]. doi:10.1038/oby.2011.235
93. Schuenke, M. D., Herman, J. R., **Gilders, R. M.**, Hagerman, F. C., Hikida, R. S., **Rana, S. R.** . . . Staron, R. S. (in press). Early-phase muscular adaptations in response to slow-speed versus traditional resistance-training regimens. *European Journal of Applied Physiology [Online First™]*. doi:10.1007/s00421-012-2339-3
94. **Sergeev, A. V.** (2011). Racial and rural-urban disparities in stroke mortality outside the Stroke Belt. *Ethnicity & Disease*, 21(3), 307-313.
95. **Sergeev, A. V.**, & Carpenter, D. O. (2011). Geospatial patterns of hospitalization rates for stroke with comorbid hypertension in relation to environmental sources of persistent organic pollutants: Results from a 12-year population-based study. *Environmental Science and Pollution Research*, 18(4), 576-585.
96. **Sergeev, A. V.**, & Carpenter, D. O. (2011). Increase in metabolic syndrome related hospitalizations in relation to environmental sources of persistent organic pollutants. *International Journal of Environmental Research and Public Health*, 8(3), 762-776.
97. Silbernagel, K. G., **Willy, R. W.**, & Davis, I. S. (in press). Pre- and post-injury running analysis along with measurements of strength, endurance, and tendon length in a patient with an Achilles tendon rupture. *Journal of Orthopaedic and Sports Physical Therapy*.
98. **Sparks, A.**, **Lee, M.**, & **Spjeldnes, S.** (2011). Evaluation of the high school relationship curriculum. *Connections: Dating and Emotions, Child and Adolescent Social Work*, 29(1), 21-40.
99. **Starkey, C.** (2011). Last year's model: Has "certification" outlived its usefulness? *Athletic Training & Sports Healthcare*, 3(5), 1-3.
100. **Starkey, C.** (in press). *Therapeutic modalities* (4<sup>th</sup> ed.). Philadelphia: F. A. Davis.
101. **Starkey, C.** (in press). *Athletic training and sports medicine: Integrated injury management* (5<sup>th</sup> ed.). Sudbury MA: American Academy of Orthopaedic Surgeons, Jones and Bartlett.
102. **Starkey, C.** (2011). Careers in therapeutic exercise. In S. Hoffman (Ed.), *Introduction to kinesiology: Studying physical activity* (4th ed., Chapter 14). Champaign IL: Human Kinetics.

103. Strauss, J., & **McCarthy, J. W.** (in press). The effects of animated feedback on locating verbs in a dynamic contextual scene display. *Contemporary Issues in Communication Sciences and Disorders*.
104. Tennant, K. F., Takacs, S., Gau J.-T., Clark, B. C., & **Russ, D. W.** (in press). A preliminary study of symptomatic fatigue in rural older adults. *Aging Clinical & Experimental Research*.
105. **Thomas, J. S.**, Ross, A., **Russ, D. W.**, & Clark, B. C. (2011). Time to task failure of the trunk extensor muscles differs with load type. *Journal of Motor Behavior*, 43(1), 27-29.
106. Toma, K., Walkowski, S., **Metzler-Wilson, K.**, & Wilson, T. E. (2011). Acupuncture attenuates exercise induced increases in skin sympathetic nerve activity. *Autonomic Neuroscience*, 162(1-2), 84-88.
107. Trost, Z., France, C. R., Sullivan, M. J., & **Thomas, J. S.** (in press). Pain-related fear predicts reduced spinal motion following experimental back injury. *Pain*.
108. Trost, Z., France, C. R., & **Thomas, J. S.** (2011). Pain-related fear and avoidance of physical exertion following delayed onset muscle soreness. *Pain*, 152(7), 1540-1547.
109. Wang, W., Zhou, N., & **Xu, L.** (2011). Musical and lexical tone perception with cochlear implants. *International Journal of Audiology*, 50, 270-278.
110. Wang, S., **Xu, L.**, & Mannell, R. (2011). Relative contributions of temporal envelope and fine structure cues to lexical tone recognition in hearing-impaired listeners. *Journal of the Association for Research in Otolaryngology*, 12, 783-794.
111. **Willy, R. W.**, & Davis, I. S. (2011). The effect of a hip strengthening program on hip mechanics during running and during a single leg squat. *Journal of Orthopaedic and Sports Physical Therapy*, 41(9), 625-632.
112. **Willy, R. W.**, Manal, K., Witvrouw, E., & Davis, I. S. (in press). Sex differences in patellofemoral pain syndrome. *Medicine and Science in Sport and Exercise*.
113. **Willy, R. W.**, Scholz, J., & Davis, I. S. (in press). Mirror gait retraining for the treatment of patellofemoral pain syndrome in female runners. *Clinical Biomechanics*.
114. Windsor, J., **Benigno, J. P.**, Wing, C., Carroll, P. J., Koga, S. F., Nelson, C. A., . . . Zeanah, C. H. (2011). Effects of foster care on young children's language learning. *Child Development*, 82, 1040-1046.
115. **Xu, L.**, Chen, X., Lu, H., Zhou, N., Wang S., Liu, Q., . . . Han D. (2011). Tone perception and production in pediatric cochlear implants users. *Acta Oto-Laryngologica*, 131, 395-398.
116. Yeh, P., **Starkey, C.**, Lombardo, S., & Kharrazi, F. D. (2011, November 30). Epidemiology of isolated meniscal injury and its effect on performance in the NBA athlete. *American Journal of Sports Medicine* [Epub ahead of print]. doi:10.1177/0363546511428601

## Presentations in Calendar Year 2011

(Includes platform and poster presentations, published abstracts of platform and poster presentations; workshops; and, as well as invited/keynote speeches at state, regional, national, and international conferences during 2011).

1. Ahn, J., Salabak, D. E., & **Brannan, R. G.** (2011). *Antioxidant comparison of the paw-paw pulp from different harvests*. Paper presented at the 8th International Conference on Functional Foods for Chronic Diseases: Science and Practice, Las Vegas, NV.
2. Anjum, J., & **Hallowell, B.** (2011, November). *Effectiveness of eye-tracking measures for indexing auditory-visual cross-format priming*. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association, San Diego, CA.
3. **Baker, C. J.** (2011, March 25). *Culture and smoking cessation among African Americans*. Paper presented at the annual meeting of the Midwest Nursing Research Society, Columbus, OH.
4. Banash, A., **Holben, D.**, & **Basta, T.** (2011, April). *Food insecurity is associated with energy insecurity and depression among individuals living with HIV/AIDS in rural Appalachia*. Paper presented at the annual meeting of Experimental Biology 2011, Washington, DC. *FASEB Journal*, 25, 770.19. (Abstract)
5. **Barr M.**, **Clevidence M.**, **Gilders R.**, Clark B., & **Kushnick M.** (2011, October). *The effects of ischemic pre-conditioning on repeated sprints*. Poster session presented at the annual meeting of the Midwest American College of Sports Medicine, Indianapolis, IN.
6. **Basta, T.**, Lewis, M., & Morrone, M. (2011, November). *Perceptions of a federal nuclear facility: Implications for environmental health communication and community outreach*. Poster session presented at the annual meeting of the American Public Health Association, Washington, DC.
7. Brown, K. A., Burkley, A. L., **Holben, D. H.**, Shubrook, J. H., & Schwartz, F. L. (2011, September 27). *Diabetes management and food access in individuals with diabetes using free and fee-for-service clinics in rural Appalachian Ohio*. Poster session presented at Food & Nutrition Conference & Expo (FNCE), San Diego, CA. *Journal of the American Dietetic Association*, 111(9, Suppl 2), A-101. (Abstract)
8. Burkley, A. L., Brown, K., **Holben, D. H.**, Shubrook, J. H., & Schwartz, F. L. (2011, September 27). *Adult food security and social capital among patients using free and fee-for-service clinics in rural Appalachian Ohio*. Poster session presented at Food & Nutrition Conference & Expo (FNCE), San Diego, CA. *Journal of the American Dietetic Association*, 111(9, Suppl 2), A-100. (Abstract)
9. Brannan, R. G. (2011, June). *B-Lactoglobulin inhibits oil absorption in fried chicken*. Paper presented at the annual meeting of the Institute of Food Technologists, New Orleans, LA.

10. Chan, Y., **Marinellie**, S. A., & Moates, D. (2011, November). *Lexical organization of English idioms*. Poster session presented at the annual conference of the American Speech-Language-Hearing Association, San Diego, CA.
11. Clark, B .C., Goss, D. J., Walkowski, S., Hoffman, R. L., Ross, A., & **Thomas, J. S.** (2011, June 1). *Neurophysiologic effects of spinal manipulation in patients with chronic low back pain*. Poster session presented at the 58<sup>th</sup> annual meeting of the American College of Sports Medicine, Denver, CO. *Medicine and Science in Sports and Exercise*, 43(5, Suppl 1), 378-379. (Abstract)
12. Clark, B. C., **Thomas, J. S.**, **Russ, D. W.**, Hoffman, R. L., Manini, T. M., Yue, G. H., & Taylor, J. L. (2011, November). Neurological contributors to muscle weakness associated with aging and disuse. In T. Manini & B. C. Clark (Co-chairs), *Sarcopenia ≠ Dynapenia* [Session 785]. Symposium conducted at the 64th annual meeting of The Gerontological Society of America, Boston, MA. *The Gerontologist*, 51(suppl 2), 235. (Abstract)
13. **Clevidence, M.**, Mowery R., Drummond L., Foltz A., Lubbe R., Dobrowski N., & **Kushnick M.** (2011, October). *The effects of ischemic preconditioning on aerobic and anaerobic performance on competition simulated cycling exercise*. Paper presented to the annual meeting of the Midwest American College of Sports Medicine, Indianapolis, IN.
14. Cooley, J., **Benigno, J.**, & **McCarthy, J.** (2011, March). *Joint attention profiles for children with autism in interactions with augmentative and alternative communication systems*. Paper presented at the annual meeting of the Ohio State Speech-Language-Hearing Association, Columbus, OH.
15. Cooley, J., **McCarthy, J. W.**, & **Benigno, J. P.** (2011, March). *Symbolic understanding in children with autism*. Poster presented at the annual meeting of the Ohio Speech-Language-Hearing Association, Columbus, OH.
16. Costilow, C. E., **Jeng, F.-C.**, Stangherlin, D. P., **Li, X.**, & Hu, J. (2011, March 3-5). *Contributions of fundamental frequency and its harmonics on frequency-following responses*. Paper presented at the annual meeting of the American Auditory Society, Scottsdale, AZ. **[Received “Resident and Graduate Student Poster Session Grant” from the National Institutes of Health and the American Auditory Society]**
17. Della, L., Ashlock, M., & **Basta, T.** (2011, November). *Social construction of diabetes-related stigma in Appalachia: Implications for local public health officials*. Paper presented at the annual meeting of the American Public Health Association, Washington, DC.
18. **Denham, S. A.** (2011, June 25). *Dissemination and evaluation of a culturally sensitive diabetes program and toolkit*. Paper presented to the 11th International Family Nurses Association Conference, Kyoto, Japan.
19. **Denham, S. A.** (2011, June 25). *Reaching a rural population with a culturally sensitive diabetes program*. Paper presented to the 11th International Family Nurses Association Conference, Kyoto, Japan.
20. **Denham, S. A.** (2011, April 13). *Evaluation of the “Diabetes: A Family Matter” program*. Paper presented to the Centers for Disease Control and Prevention 34th Annual Diabetes Translation Conference, Minneapolis, MN.

21. **Denham, S. A.** (2011, March 25). *National study of certified diabetes educators: Where is family in their practice?* Paper presented to the 35th Midwest Nursing Research Society Conference, Columbus, OH.
22. **Nyirati C. M., Denham, S., Raffle, H., & Ware, L.** (2011, March 25). *Where is family in the nurse practitioner program?* Paper presented to the 35th Midwest Nursing Research Society Conference, Columbus, OH.
23. **Denham, S. A.** (2011, March 12). *Diabetes is a family matter.* Paper presented to the 34th Appalachian Studies Association, Richmond, KY.
24. **Denham, S. A.** (2011, March 11). *Meeting health care needs of Appalachia's people.* Paper presented to the 34th Appalachian Studies Association Conference, Richmond, KY.
25. **Denham, S. A.** (2011, November 16). *Addressing diabetes in the vulnerable Appalachian population.* Paper presented to the Ohio Diabetes Alliance, Columbus, OH.
26. **Denham, S. A.** (2011, November 14). *Interventions for altering the face of type 2 diabetes.* Paper presented to the Ohio Patient Adherence & Best Practices Conference, Columbus, OH.
27. **Denham, S. A.** (2011, November 10). *Diabetes: The problem in Appalachia.* Paper presented at Morehead State University, Morehead, KY.
28. **Denham, S. A.** (2011, November 9). *Links between Appalachian culture and diabetes prevention.* Paper presented to the Sister's of St. Joseph Diabetes Conference, Marietta, OH.
29. **Denham, S. A.** (2011, October 19). *Community health workers and diabetes prevention in Appalachia.* Paper presented to the Rural Health and Health Education Institute, Mohican State Park, Ohio.
30. **Denham, S. A.** (2011, September 8). *Diabetes: A Family Matter—Reducing rural Appalachian risks.* Paper presented to the Healthy Families, Healthy Futures Conference, Appalachian Regional Commission, Prestonsburg, KY.
31. **Denham, S. A.** (2011, May 12). *Living healthy happy lives.* Paper presented to the Women on Wellness Conference, Southern Ohio Women's Health Week Initiatives, Chillicothe, OH.
32. **Denham, S. A.** (2011, May 5). *Health literacy issues in Appalachia.* Paper presented to the Annual Ohio Appalachian Community Cancer Network Research Seminar, Dublin, OH.
33. **Denham, S. A.** (2011, March 30). *Women's health: Living in Appalachia.* Paper presented to the Ohio Department of Health, Columbus, OH.
34. **Denham, S. A.** (2011, January 28). *Family-focused care: A dialogue about change.* Paper presented to Immanuel St. Joseph's, Mayo Health System, Mankato, MN.
35. **Denham, S. A.** (2011, January 27). *Family-focused care to meet societal needs.* Paper presented to the Immanuel St. Joseph's, Mayo Health System, Mankato, MN.

36. Ertas, A. H., **Sindelar, B. J.**, & Cotton, J. R. (2011, June). Creep simulation of a micro-CT based finite element model of porcine cancellous bone. *Proceedings of the ASME Summer Bioengineering Conference*, Farmington, PA, SBC2011-53320. (Abstract)
37. Feng, Y., **Xu, L.**, Yang, G., & Yin, S. (2011). *Sine-wave speech recognition in Mandarin Chinese*. Paper presented at the National ENT Conference, Xi'an, China.
38. Finney, M., & **Montgomery, J.** (2011, November). *Working memory and sentence comprehension in typically developing children*. Paper presented to the annual convention of the American Speech-Language-Hearing Association, San Diego, CA.
39. Fisher, J. C., Vincent, J. L., Turner, J.L., **Metzler-Wilson, K.**, Simpson, C., Sammons, D., & Wilson, T. E. (2011, April). *The effects of cutaneous specific autonomic nervous blockade on skin blood flow oscillations in humans*. Poster session presented to the Ohio Osteopathic Symposium CORE/OOA, Columbus, OH.
40. **Hallowell, B.**, Shaw, V., Heuer, S., & Schwartz, F. (2011, May). *Relationships of real-time glucose levels on cognitive-linguistic performance in adults with and without diabetes*. Paper presented to the Clinical Aphasiology Conference, Ft. Lauderdale, FL.
41. Huang, D., **Xu, L.**, Liu, Q. (2011, July). *A comparative study of Mandarin phonetic contrast recognition among cochlear implant or hearing aid and normal-hearing children*. Paper presented to the 13th Symposium on Cochlear Implants in Children, Chicago, IL.
42. Ivanova, M. V., Heuer, S., & **Hallowell, B.** (2011, May). *Exploring the relationship between working memory capacity and attention allocation in persons with and without aphasia*. Paper presented to the Clinical Aphasiology Conference, Ft. Lauderdale, FL.
43. Hopkins, L., & **Holben, D. H.** (2011, April). *A pilot study of community gardening and its relationship to produce intake and food spending among rural households in Appalachia*. Poster session presented at Experimental Biology 2011, Washington, DC. *FASEB Journal*, 25,974.6. (Abstract)
44. **Howe, C. A.**, Osganian, S. K., & Freedson, P. S. (2011, May). *Physical activity correlates, perceived enjoyment and quality of participation in children's structured play*. Poster session presented at the 58<sup>th</sup> annual meeting of the American College of Sports Medicine, Denver, CO. *Medicine and Science in Sports and Exercise*, 43(5), S328. (Abstract)
45. **Janson, G.**, & King, M. (2011). *A conversation with school principals: Emotional maltreatment in the classroom*. Invited paper presented to the Ohio Consortium of School Principals, Piketon, OH.
46. **Jeng, F.-C.** (2011, December 15). *Mandarin-tone elicited frequency-following responses: Fundamentals and clinical applications*. Invited paper presented to the Department of Otolaryngology-Head and Neck Surgery, Cathay General Hospital, Taipei, Taiwan.
47. **Jeng, F.-C.** (2011, November 28-December 3). *Mandarin-tone elicited frequency-following responses: Fundamentals and clinical applications*. Invited paper and one-week workshop presented at the China Medical University Hospital, Taichung, Taiwan.



48. **Jeng, F.-C.**, & Warrington, R. P. (2011, October 31-November 4). *Effects of silent interval on human frequency-following response to voice pitch*. Paper presented at the 162nd Meeting of the Acoustical Society of America, San Diego, CA. *Journal of the Acoustical Society of America* , 130(4), 2545. (Abstract) <http://dx.doi.org/10.1121/1.3655173>
49. **Jeng, F.-C.**, Hu, J., & Dickman, B. M. (2011, March 3-5). *Cross-linguistic comparison of frequency-following responses to voice pitch in neonates*. Paper presented to the annual meeting of the American Auditory Society, Scottsdale, AZ.
50. Jockel, J., & **Starkey, C.** (2011, July 14). *Foot injuries in the National Basketball Association*. Paper presented to the American Orthopaedic Foot and Ankle Society, Keystone, CO.
51. **Kim, Y.**, Oommen, E., & Park, T. (2011, November). *Hyoid excursion in poststroke patients with aspiration*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, San Diego, CA.
52. **Lee, C.-Y.**, Zhang, Y., Li, Ximing, Tao, L., & Bond, Z. S. (November 2011). *Effects of speaker variability and noise on identifying Mandarin fricatives by native and non-native listeners*. Paper presented to the 162<sup>nd</sup> meeting of the Acoustical Society of America, San Diego, CA. *Journal of the Acoustical Society of America*, 130(4), 2572. (Abstract) <http://dx.doi.org/10.1121/1.3655311>
53. Lubbe, R., Kruse, N., **Barr, M.**, Hamaker, B., & **Kushnick, M.** (2011, October). *Maximizing fat utilization postexercise with a novel low glycemic index carbohydrate meal*. Poster session presented at the annual meeting of the Midwest American College of Sports Medicine, Indianapolis, IN.
54. **Marinellie, S. A.**, & Gayatri, R. (2011, November). *What's inside a 4<sup>th</sup> grade textbook? Analysis of context clues*. Poster session presented at the annual conference of the American Speech-Language-Hearing Association, San Diego, CA.
55. **Mingun, L.** (2011, October 27-30). *Use of evidence-based practice in rural practice settings: Effects of attitude, social pressure, and barriers as determinants*. Paper presented at the 57<sup>th</sup> annual meeting of the Council on Social Work Education, Atlanta, GA.
56. **Mingun, L.** (2011, January). *What do we need for signature pedagogy in field practicum?* Poster presentation at the 15<sup>th</sup> annual conference of the Society for Social Work and Research, Tampa, FL.
57. Merrill J., de Groot, M., Shubrook, J., Doyle, T., **Kushnick, M.**, Heckman, B., & Schwartz, F. (2011, April). *Co-morbid pain in adults with type 2 diabetes enrolled in a depression treatment program*. Paper presented to the 32nd annual meeting of the Society of Behavioral Medicine, Washington, DC.
58. **Montgomery, J.** (2011, July). *Memory mechanisms and language in children with and without SLI*. Symposium organizer and panel discussant at the conference of the International Association for the Study of Child Language (IASCL), Montreal, CAN.
59. **Montgomery, J.** (2011, January). *Working memory and sentence comprehension in children with specific language impairment*. Keynote address presented to the Asia Pacific Society for the Study of Speech, Language & Hearing, Christchurch, NZ.

60. **Morrone, M., Basta, T., & Lewis, M.** (2011, November). *Engaging the public in a complex environmental health issue: The case of a federal facility in Appalachian Ohio*. Paper presented at the annual meeting of the American Public Health Association, Washington, DC.
61. **Morrone, M.** (2011, September). *Public perception of food safety risks*. Keynote address presented to the Illinois Association of Public Health, Peoria, IL.
62. Motter, S., Clay, M., Eaton, A., Kramer, S., **Russ, D. W.**, Clark, B. C., & **Thomas, J. S.** (2011, February). *Time to task failure of trunk extensors in force versus position matching tasks using a modified Sorensen protocol*. Paper presented at the Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA.
63. Myers, A. M., & **Brannan, R. G.** (2011, June). *Corn and oat fiber reduce fat absorption in deep fried chicken patties*. Paper presented at the annual meeting of the Institute of Food Technologists, New Orleans, LA.
64. **Nyirati, C., Denham, S., Raffle H., & Ware, L.** (2011, March 25). *Where is the family in the family nurse practitioner program?* Poster session presented to the Midwest Nursing Research Society, Columbus, OH.
65. Oommen, E., & **Kim, Y.** (2011, November). *Indicators of aspiration from oropharyngeal swallowing in poststroke patients*. Poster session presented at the annual convention of the American Speech-Language-Hearing Association, San Diego, CA.
66. **Pope, N.** (2011, November). *Perspectives on aging: How caregiving influences adult daughters' views on later life*. Poster session presented at the 64th annual scientific meeting of the Gerontological Society of America, Boston, MA.
67. **Ragan, B. G., Bamer, M., Shinew, K., & Starkey, C.** (2011, June). *One in four athletic trainers are aware of and use clinical decision rules*. Paper presented at the annual meeting and clinical symposia of the National Athletic Trainers' Association, New Orleans, LA.
68. **Ragan, B. G.** (2011, March). *Using modern measurement theory for progressing therapy goals*. Invited paper presented at the 3<sup>rd</sup> m-Health Networking Conference, Chicago, IL.
69. **Ragan, B. G., Bamer, M., Shinew, K., & Starkey, C.** (2011, June). *One in four athletic trainers are aware and use clinical decision rules*. Paper presented at annual meeting of the National Athletic Trainers' Association, Philadelphia, PA. *Journal of Athletic Training, 46(3)*, S60. (Abstract)
70. **Ragan, B. G., & Dompier, T. P.** (2010, June). *Readability statistics and the appropriateness of commonly used region specific outcomes surveys*. Paper presented at annual meeting of the National Athletic Trainers' Association, Philadelphia, PA. *Journal of Athletic Training, 45(3)*, S56. (Abstract)
71. Ram, G., & **Marinellie, S. A.** (2011, November). *Morphological analysis in a dynamic assessment task*. Poster session presented at the annual conference of the American Speech-Language-Hearing Association, San Diego, CA.

72. Roche, L., & **Hallowell, B.** (2011, November). *Pupillometric method for assessing comprehension in individuals with neurological impairments*. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association, San Diego, CA.
73. Ross, A., Motter, S., **Russ, D. W.**, Clark, B. C., & **Thomas, J. S.** (2011, November). *The effects of test position and load type on time to task failure in the trunk extensors*. Paper presented to the Society for Neuroscience, Washington, DC. (Abstract No. 812.14/RR29)
74. **Russ, D. W.**, & Grandy, J. S. (2011, May). *Increased desmin expression in aging skeletal muscle that exhibits reduced muscle quality*. Poster session presented at the 58<sup>th</sup> annual meeting of the American College of Sports Medicine, Denver, CO. *Medicine and Science in Sports and Exercise*, 43(5), 297. (Abstract)
75. **Russ, D.**, Grandy, J. S., Toma, K., Clark, B., & Ward, C. W. (2011, November). Intramuscular factors in age-related muscle weakness. In T. Manini & B. C. Clark (Co-chairs), *Sarcopenia ≠ Dynapenia* [Session 785]. Symposium conducted at the 64th annual meeting of The Gerontological Society of America, Boston, MA. *The Gerontologist*, 51(suppl 2), 235. (Abstract)
76. Schreibman, J. P., **Holben, D. H.**, **Basta, T.**, & Bansah, A. K. (2011, September 27). *Household food security and physical activity among individuals with HIV/AIDs in rural Appalachia*. Poster session presented to the annual meeting of the Food & Nutrition Convention & Expo (FNCE), San Diego, CA. *Journal of the American Dietetics Association*, 111(9, Suppl 2), A-100. (Abstract)
77. Sells, M., Sells, A., Cotton, J. R., & **Sindelar, B. J.** (2011, March). *Porcine mandibular bone density changes related to intra-oral splinting*. Poster session presented to the 89<sup>th</sup> General Session of the International Association of Dental Research, San Diego, CA. *Journal of Dental Research*, 90(Spec Iss A): 3612. (Abstract) Available from [www.dentalresearch.org](http://www.dentalresearch.org)
78. **Sergeev, A. V.** (2011). *Increased stroke mortality among residents of surface coal mining areas*. Paper presented to the 3rd North American Congress of Epidemiology. *American Journal of Epidemiology*, 173(Suppl), S259. (Abstract)
79. **Sergeev, A. V.**, & Nyirati, C. M. (2011, November 12-16). *Maternal hypertension and low birth weight: Do socio-economic and racial/ethnic disparities matter?* Paper presented to the American Heart Association, Orlando, FL
80. **Sergeev, A. V.** (2011, March 22-25). *Stroke mortality disparities in the Appalachian population: Do rurality and race matter?* Paper presented to the American Heart Association Joint Conference—Nutrition, Physical Activity and Metabolism and Cardiovascular Disease and Prevention, Atlanta, GA.
81. Snook, E. M., Herrmann, S. D., & **Ragan, B. G.** (2011, December). *Measuring real-world function in different populations: Comparison of movement and activity in physical space (MAPS) scores*. Paper presented at the 6th annual mHealth Summit Conference, Washington, D.C.
82. Snook, E. M., Scott, C. B., Morand, A. M., & **Ragan, B. G.** (2011, June). *A functional living outcome measure for MS: Combining GPS and activity data*. Poster session presented at the annual meeting of the Consortium of Multiple Sclerosis Centers, Montreal, CAN.

83. Snook, E. M., Scott, C. B., & **Ragan, B. G.** (2011, June). *How many days does a GPS receiver and accelerometer need to be worn to get a reliable measure?* Poster session presented at annual meeting of the Consortium of Multiple Sclerosis Centers, Montreal, CAN.
84. **Starkey, C.** (2011, February 26). *The evidence is against us (unless we use it).* Keynote address at the National Athletic Trainers' Association Educator's Conference, Washington, DC.
85. **Starkey, C.** (2011, April 24). *The future of the athletic training profession.* Paper presented to the Arkansas Athletic Trainers' Association, Little Rock, AR.
86. Toma, K., Walkowski, S., **Metzler-Wilson, K.**, & Wilson T. E. (2011, April). *Acupuncture attenuates exercise induced increases in skin sympathetic nerve activity.* *FASEB Journal*, 25(Suppl), 647.16. (Abstract)
87. Turner, J. L., Vincent, J. L., Fisher, J. C., Simpson, C., **Metzler-Wilson, K.**, & Wilson, T. E. (2011, April). *Wavelet analysis of oscillations in cutaneous erythrocyte concentration in response to local heat stress.* Poster session presented at the Ohio Osteopathic Symposium CORE/OOA Exhibition, Columbus, OH.
88. Wang, S., **Xu, L.**, & Mannell, R. (2011, October). *The role of temporal information in Mandarin lexical tone perception for sensorineural hearing-impaired listeners.* Paper presented at the 8th Asia Pacific Symposium on Cochlear Implant and Related Sciences, Daegu, Korea.
89. **White, J.**, & Hikida, R. S. (2011). *Compound supersets versus traditional strength training: muscle adaptations, body composition, and recovery in young women.* Poster session presented at the 58th annual meeting of the American College of Sports Medicine, Denver, CO. *Medicine and Science in Sports and Exercise*, 43(5, Suppl). (Abstract)
90. **Willy, R. W.**, & Davis, I. S. (2011, September 1-3). *The effects of mirror gait retraining on running mechanics and pain in females with patellofemoral pain syndrome.* Paper presented at the International Patellofemoral Pain Retreat, Ghent, Belgium.
91. **Willy, R. W.**, & Davis, I. S. (2011, September 1-3). *Sex differences in the mechanics of patellofemoral pain syndrome.* Paper presented at the International Patellofemoral Pain Retreat, Ghent, Belgium.
92. **Willy, R. W.**, & Davis, I. S. (2011, May). *The effects of mirror gait retraining on running mechanics and pain in females with patellofemoral pain syndrome: A three-month follow-up.* Paper presented at the 58<sup>th</sup> annual meeting of the American College of Sports Medicine, Denver, CO.
93. **Willy, R. W.**, & Davis, I. S. (2011, February). *The effects of mirror gait retraining on runners with patellofemoral pain syndrome: A one-month follow-up.* Paper presented to the Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA.
94. **Xu, L.** (2011, December 11). *Cochlear implants.* Invited presentation at the Hunan Provincial Children's Hospital, Changsha, China.
95. **Xu, L.** (2011, December 21). *Speech perception with cochlear implants.* Invited presentation to the Department of Otorhinolaryngology, The Second Affiliated Hospital, South Central University Xiangya Medical School, Changsha, China.

96. **Xu, L.** (2011, October). *Lexical tone development in prelingually-deafened children with cochlear implants*. Paper presented to the 8th Asia Pacific Symposium on Cochlear Implant and Related Sciences, Daegu, Korea.
97. **Xu, L.** (2011, July). *Tone perception, production and vocal singing in children with cochlear implants*. Paper presented to the 13th Symposium on Cochlear Implants in Children, Chicago, IL.
98. **Xu, L.,** Zhou, N., Huang, J., Chen, X., Li, Y., Zhao, X., & Han, D. (2011, July). *Lexical tone development in prelingually-deafened children with cochlear implants*. Paper presented to the 12th Congress of the International Association for the Study of Child Language, Montreal, CAN.
99. Yeh, P., **Ragan, B. G., Starkey, C.,** Lombardo, S., & Khazzari, D. F. (2011, February). *Microfracture outcomes for articular knee injuries in the professional basketball athlete*. Paper presented to the American Academy of Orthopaedic Surgeons, San Diego, CA.
100. Zhang, Y., & **Lee, C.-Y.** (2011, August). *Talker variability in lexical access: Evidence from semantic priming*. Paper presented at the 17<sup>th</sup> International Congress of Phonetic Sciences, Hong Kong.
101. Zhang, Y., & **Lee, C.-Y.** (2011, May). *Talker variability in lexical access: Evidence from semantic priming*. Paper presented at the 161<sup>st</sup> Meeting of the Acoustical Society of America, Seattle, WA. *Journal of the Acoustical Society of America*, 129, 2662-63. (Abstract)
102. Zhou, N., & **Xu, L.** (2011, February). *Dichotic stimulation with cochlear implants: Maximizing the two-ear advantage*. Paper presented at the midwinter meeting of Association for Research in Otolaryngology (ARO), Baltimore, MD. *Abstracts of the ARO Midwinter Meeting*, 34, 166-167. (Abstract)
103. Zhou, N., **Xu, L.,** & Pfungst, B. E. (2011, July). *The effects of pulse rate on detection thresholds and maximum comfortable levels in human with cochlear implants*. Paper presented at the Conference on Implantable Auditory Prostheses, Pacific Grove, CA.

## Grants and Contracts Awarded

January 1, 2011 – December 31, 2011

1. Baker, C. (2011). Cultural Immersion and Smoking Cessation in African Americans, Midwest Nursing Research Society Seed Grant \$10,000/
2. Berryman, D. (2011). Live Healthy Appalachia - Food is Elementary, O'Bleness Foundation, \$10,000.
3. Berryman, D .E., Schwartz, F., Bevan, J., Howe, C., Shubrook, J., Holben, D. H. (2011). Development of an Undergraduate Program in Diabetes. Ohio University 1804 Endowment Grant. \$15,000.
4. Bryant, R. (2011). Heart Failure Self-Management in an Elderly House Call Program. Gerontological Advanced Practice Nurses Association Foundation, \$2,000.
5. Chleboun, G. (2011). FY12 Physical Therapy Contract – O'Bleness Memorial Hospital, \$669,210.
6. Chleboun, G. (2011). FY12 Chleboun Physical Therapy Contract – Logan Hocking Board of Education, (\$70,518).
7. Chleboun, G. (2011). FY12 Physical Therapy Contract - Athens County Board of DD, \$2,529.
8. Chleboun, G. (2011). FY12 Physical Therapy Contract – Hocking County Board of DD, \$10,184.
9. Chleboun, G. (2011). FY12 Physical Therapy Contract – Echoing Meadows Residential Center, \$4,556.
10. Chleboun, G. (2011). FY12 Physical Therapy Contract – Buckeye Hills Career Center, \$89,060.
11. Clark, B., Russ, D., Thomas, J., & Wilson, T. (2011). Role of Intracortical Excitability in Mal de Debarquement Syndrome, MdDS Balance Disorder Foundation, \$20,000.00.
12. Clark, B., Thomas, J., & Walkowski, S. (2011). Neurophysiologic Mechanisms of Non-Impulse Manual Therapy in Chronic Low Back Pain, American Osteopathic Association, \$94,000.00
13. DiGiovanni, J. (2011). Ohio Master's Network Initiative in Education (OMNIE) MA Internship Program. Ohio Department of Education, \$217,200.00.
14. Galbreath, W. (2011). Child Welfare Workforce Professional Education Program (CWWPEP), Ohio Department of Job and Family Services, \$123,250.00.
15. Hallowell, B. (2011). SBIR: Eyetracking Comprehension Assessment System (ECAS): Improving Validity of Comprehension Assessment for People with Brain Injury, LC TECHNOLOGIES, INC., National Institutes of Health, \$18,194.00.

16. Hamel-Lambert, J. with Nyirati, C. (2011). Patient Centered Medical Home (PCMH) Regional Workgroup of Southeastern Ohio, Ohio Academy of Family Physicians, \$9,505.00.
17. Hamel-Lambert, J. with Nyirati, C. (2011). Patient Centered Medical Home (PCMH) Regional Workgroup of Southeastern Ohio, \$15,000.00.
18. Hamel-Lambert, J., with Nyirati, C. (2011). Patient Centered Medical Home (PCMH) Regional Workgroup of Southeastern Ohio, Ohio Academy of Family Physicians, \$30,000.00.
19. Jeng, F.-C. (2011). Faculty International Travel Funds, *Ohio University– Office of the Vice President for Research*, \$500.
20. Jeng, F.-C. (2011). Principal Investigator: Development of Brainstem Responses to Voice Pitch from Birth to 6 Months of Age. College of Health Sciences and Professions, Faculty Summer Research Award, \$10,000.
21. Jeng, F.-C. (2011). Cross-linguistic comparisons of frequency-following responses to voice pitch in neonates. 2011 Lessons for Success Research Conference: Developing Emerging Scientists, Conference Fellowship-Travel Award from American Speech-Language-Hearing Association, \$3,000.
22. Jensen-Besaw, D. (2011). More Active Children, Sisters of Saint Joseph Charitable Fund., \$18,000.00
23. Jensen-Besaw, D. (2011). Be Bold: Real Food for Real Kids, Athens Foundation. \$2,843.00.
24. Jensen-Besaw, D. (2011). KoC STEM Afterschool Robotics Initiative, Lego Children's Fund, \$4,357.00.
25. Kopchick, J. with Berryman, D. et al. (2011). The Somatotropic Axis and Health Aging: A Search for Mechanisms, Southern Illinois University, \$342,201.00.
26. Leite, R. (2011). Summer Intermediate Academy , Ohio Department of Education, \$8,280.23.
27. Lenigar, C. (2011). 21st Century - Trimble Local Schools, \$177,000.00.
28. Lenigar, C. (2011). 21st Century - 21st Century - Federal Hocking Elementary Schools, \$81,000.00.
29. Lenigar, C. (2011). 21st Century - Athens City Schools, \$69,485.00.
30. Lenigar, C. (2011). 21st Century - Federal Hocking Middle School, \$167,720.00.
31. Malawista, M. (2011). Integrating Professionals for Appalachian Children, IPAC Organizational Services - SEO-IAT Coordinator, \$3,180.00.
32. Malawista, M. (2011). FY11 Hearing and Speech Contract - Athens County Board of DD, \$240.00.
33. Malawista, M. (2011). FY11 Hearing and Speech Contract - Redeemer Lutheran School, \$616.00.

34. Malawista, M. (2011). FY11 Hearing and Speech Contract - Christ United Methodist Preschool, \$336.00.
35. Malawista, M. (2011). FY11 Hearing and Speech Contract - Trimble Local Schools, \$1,860.00,
36. McCarthy, J. (2011). Vibrotactile and localized sound feedback device for interpreting graphic user interfaces. Research and Creative Activity with Technology Transfer at Ohio University. (\$18,000).
37. Metzler-Wilson, K. (2011). Pharmacokinetics and the Effectiveness of Transdermal Skin Anesthesia, Ohio University Research Committee funding, \$8,000.
38. Montgomery, J. (2011). Cognitive Processing and Sentence Comprehension in Specific Language Impairment (SLI), National Institutes of Health, \$477,999.00.
39. Montgomery, J. (2011). Cognitive Processing and Sentence Comprehension in SLI: Diversity Supplement. *National Institute on Deafness and Other Communication Disorders*. (\$98,000).
40. Nyirati, C. (2011). Nursing through Advanced Education Nursing Traineeships, Health Resources and Services Administration, U.S. Department of Health and Human Services, \$29,976.00.
41. Overby, A. (2011). FY11 Physical Therapy Contract - Perry-Hocking Educational Service Center, \$2,797.25.
42. Pope, N. (2011). Careers in Aging Week 2011, Association for Gerontology in Higher Education, \$200.00.
43. Ragan, B. (2011). The Effectiveness of Neuromuscular Training on Modifiable Anterior Cruciate Ligament Injury Risk Factors, NATA Research & Education Foundation, \$1,000.
44. Rana, S. et al. (2011). Exercise Science/Biomechanics Laboratory Update, Ohio University 1804 Grant, June 2011, \$11,500.
45. Russ, D. (2011). Ohio Musculoskeletal and Neurological Institute, Research Award, \$2,031.
46. Russ, D.. (2011). College of Health Sciences and Professions, Summer Research Award, \$10,000.
47. Sergeev, A. (2011). *Comparative Effectiveness of Cardiovascular Procedures in Pneumoconiosis Patients*. Funding agency: National Institute for Occupational Safety and Health(NIOSH), Pilot Research Project Program, University of Cincinnati. Role, \$6,910.
48. Sindelar, B. (2011). Strength of a Novel Suture Anchor System, New Albany Surgical Hospital Foundation, \$7,558.00.
49. Starkey, C. (2011). Athletic Training Services for Area High Schools, Colleges, and Clinics, \$18,600.00.



50. Starkey, C. (2011). Athletic Training Services for Area High Schools, Colleges, and Clinics, \$212,700.00.
51. Valentour, K. (2011). Heartworks - A Partnership between Ohio University WellWorks and O'Bleness Memorial Hospital, \$186,762.00.
52. Walters, C. (2011). Nursing Summer Scholars Program (NSSP), 1804 Fund, Ohio University, \$18,000.
53. Weinberg, W. with Morrone, M. et al. (2011). Public Outreach and Support and Solutions to Energy and Environmental Issues at the Gaseous Diffusion Plant in Piketon, Ohio - Public Service, Local Government Administration & Rural Development, Institute for (ILGARD), U.S. Department of Energy, \$278,636.00.
54. Willy, R. & Thomas, J. (2011). Ohio University College of Health Sciences and Professions, Mentored Scientist Award, \$5000.
55. Willy, R. (2011). American College of Sports Medicine Biomechanics Travel Award, \$300.
56. Wilson, T., Metzler-Wilson, K., & Walkowski, S. (2011). Effect of Osteopathic Manipulation on Skin Sympathetic Nerve Activity, American Osteopathic Association, \$98,400.00.
57. Zurmehly, J. (2011). Nurse Education Practice, Quality and Retention, Health Resources and Services Administration, U.S. Department of Health and Human Services, \$250,000.00.

© Copyright September 24, 2012, College of Health Sciences and Professions, Ohio University.

**Send corrections to:**  
J. Horner,  
Associate Dean for Research and Graduate Studies  
College of Health Sciences and Professions  
W380 Grover Center  
Ohio University  
740.597.1263  
[hornerj@ohio.edu](mailto:hornerj@ohio.edu)