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Annual Report: *Student* **(January 1, 2013 – December 31, 2013)**

Publications

January 1, 2013 – December 31, 2013

CHSP Students are identified by a U (undergraduate) or G (graduate).
The CHSP faculty mentor(s) is identified in **bold font**.

This report includes peer-reviewed manuscripts, chapters, books, and other publications, as well as “Epub ahead of print,” and articles “in press” as of December 31, 2013. *Note.* “In press” and “Epub ahead of print” while included, are not counted in official 2013 publication totals; these will be included and counted as published in the 2014 report.

1. Anjum, J.,^G & **Bolon, D. S.** (2013). Retaining experienced hospital administrators: A neglected topic in healthcare. *Hospital Topics*, 91(4), 87-93.
2. Bansah, A.,^G **Holben, D., & Basta, T.** (2013). Food insecurity is associated with household energy insecurity among individuals living with HIV/AIDS in rural Appalachia. *Journal of Hunger and Environmental Nutrition*, 8(2), 242-255.
3. **Berryman, D. E.**, Glad, C. A.,^G List, E. O., & Johannsson, G. (2013). The GH/IGF-1 axis in obesity: Pathophysiology and therapeutic considerations. *Nature Reviews Endocrinology*, 9(6), 346-356.
4. **Berryman, D. E.**, Lubbers, E R.,^G Magon, V., List, E. O., Kopchick, J. J. (2013, May 21; Epub ahead of print). A dwarf mouse model with decreased GH/IGF-1 activity that does not experience life-span extension: Potential impact of increased adiposity, leptin, and insulin with advancing age. *Journals of Gerontology Series A Biological Sciences and Medical Sciences*.
5. **Brannan, R. G.**, Mah, E., Casher, K., Lehn, M., Yuan, S.,^G Myers, A. M.,^G & Herrick, C. S. (In press). Influence of ingredients that reduce oil absorption during immersion frying of battered and breaded foods [Invited review]. *European Journal of Lipid Science and Technology*. doi:10.1002/ejlt.201200308
6. **Brannan, R. G.**, Myers, A. M.,^G & Herrick, C. S.^U (2013). Reduction of fat content during frying using dried egg white and fiber solutions. *European Journal of Lipid Science and Technology*, 115(8), 946-955. doi:10.1002/ejlt.201200356
7. Chapman, L. R.,^G Hassan, F. H.,^G Modayil, M.^G, Oommen, E.,^G Park, T,^G & **Horner, J.** (2013). Responsible conduct of research: For students, by students. *Contemporary Issues in Communication Science and Disorders*, 40, 15-30. (2013 CICSD Editor’s Award)
8. Clark, B. C., Leporte, A.,^G Clark, S., Hoffman, R. L., Quick, A., Wilson, T. E., & **Thomas, J. S.** (2013, March). Effects of persistent Mal de Debarquement Syndrome on balance, psychological traits, and motor cortex excitability. *Journal of Clinical Neuroscience*, 20(3), 446-450.

9. Gray, K.,^G Fehr, J.,^G Nicknair, J., Bushey, C., & **Starkey, C.** (In press). Validation of the Ottawa ankle rules in the immediate setting. *Journal of Athletic Training*. (Nominated for national outstanding research project)
10. Hall, K.S.^G, **Howe, C. A., Rana, S. R.,** & Martin, C. L. (2013). METs and accelerometer output of walking in older adults: Absolute vs. relative methods. *Medicine and Science in Sports and Exercise*, 45(3), 574-582.
11. **Hallowell, B.,** & Henri, B.^G (2013). Strategies for promoting access to speech-language pathology and audiology services. In R. Lubinski & M. W. Hudson (Eds.), *Professional issues in speech-language pathology and audiology* (4th ed., pp. 375-398). Clifton Park, NY: Delmar Cengage Learning.
12. **Howe, C. A., Barr, M. W.,** Winner, B. C.,^G Kimble, J.,^U & **White, J. B.** (In press). The use of the latest active video games in the fight against weight gain in college students. *Journal of Physical Activity and Health*.
13. Ivanova, M. V.,^G & **Hallowell, B.** (2013). A tutorial on aphasia test development in any language: Key substantive and psychometric considerations. *Aphasiology*, 27(8), 891-920. doi:10.1080/02687038.2013.805728
14. Jackson, T. J., **Starkey, C.,** McElhiney, D.,^G & Domb, B. (In press). Epidemiology of hip injuries in the National Basketball Association. A 24 year overview. *Orthopaedic Journal of Sports Medicine*.
15. Jara, A.,^G Benner, C.,^U Sim, D., Wang, X., List, E. O., Householder, L. A.,^G **Berryman, D. E.,** & Kopchick, J. J. (In press). Hypertension in male GH transgenic mice is age-dependent. *Endocrinology*.
16. **Jeng, F.-C.,** Peris, K. S., Hu, J.,^G & Lin, C.-D. (2013). Evaluation of an automated procedure for detecting frequency-following responses in American and Chinese neonates. *Perceptual and Motor Skills*, 116(2), 456-465. doi:10.2466/24.10.PMS.116.2.456-465
17. **Jeng, F.-C.,** & Hu, J.^G. (2013). An automated procedure for detecting human frequency following responses to voice pitch. *Proceedings of Meetings on Acoustics*, 19, 1-7. doi:10.1121/1.4799320
18. **Jing, X.,** & Cimino, J. J.^G (In press). A complementary graphical method for reducing and analyzing large data sets: case studies demonstrating thresholds setting. *Methods of Information in Medicine*.
19. Junnila, R. K.,^G List, E. O., **Berryman, D. E.,** Murrey, J. W., & Kopchick, J. J. (2013). The GH/IGF-1 axis in ageing and longevity. *Nature Reviews Endocrinology*, 9(6), 366-376.
20. **Kingori, C.,** Reece, M.,^G Obeng, S.,^G Murray, M., Shacham, E.,^G Ngatia, P., . . . Ojaka, D. (2013). Psychometric evaluation of a cross-culturally adapted felt stigma questionnaire among people living with HIV in Kenya. *AIDS Patient Care & STDs*, 27(8), 481-488.

21. Kruse, N. T.,^G **Barr, M. W., Gilders, R. M., Kushnick, M. R., & Rana, S. R.** (2013). Using a practical approach for determining the most effective stretching strategy in female college division I volleyball players. *Journal of Strength and Conditioning Research*, 27, 3060-3067.
22. Kruse, N. T.,^G **Barr, M. W., Gilders, R. M., Kushnick, M. R., & Rana, S. R.** (In press). Determinants of force-time variables after stretching in female college Division I volleyball players. *European Journal of Sport Science*.
23. **Lee, C.-Y.,** Zhang, Y.,^G & **Li, X.** (In press). Acoustic characteristics of Mandarin voiceless fricatives. *Journal of Chinese Linguistics*.
24. **Lee, C.-Y.,** Tao, L.,^G & Bond, Z. S.^G (2013). Effects of speaker variability and noise on identifying isolated Mandarin tones by native and non-native listeners. *Speech, Language and Hearing*, 16, 46-54, doi:10.1179/2050571X12Z.0000000003
25. **Lee, M.,** Carlson, K.,^G & Senften Hawranick, S.^G (2014). Impact of providers' cultural competence on clients' satisfaction and hopefulness in rural family services: A pilot study. *Journal of Contemporary Rural Social Work*, 6, 58-71.
26. **Lee, M.,** & Fortune, A.^G (2013). Patterns of field learning activities and their relation to learning outcome. *Journal of Social Work Education*, 49(3), 420-438.
27. **Lee, M.,** & Fortune, A.^G (2013). Do we need more "doing" activities or "thinking" activities in the field practicum? *Journal of Social Work Education*, 49(4), 646-660.
28. Li, X., Bartke, A., **Berryman, D. E.,** Funk, K.,^G Kopchick, J. J., List, E. O., Sun, L. Y., & Miller, R. A. (2013, August 13; Epub ahead of print). Direct and indirect effects of growth hormone receptor ablation on liver expression of xenobiotic metabolizing genes. *American Journal of Physiology Endocrinology Metabolism*.
29. **List, E. O., Berryman, D. E.,** Funk, K.,^G Gosney, E., Jara, A.,^G Kelder, B., . . . Kopchick, J. J. (2013). The role of GH in adipose tissue: Lessons from adipose-specific GH receptor gene-disrupted mice. *Molecular Endocrinology*, 27(3), 524-535.
30. **List, E. O., Berryman, D. E.,** Wright-Piekarski, J., Jara, A.,^G Funk, K.,^G Kopchick, J. J. (2013). The effect of weight cycling on lifespan in C57BL/6J mice. *International Journal of Obesity*, 37(8), 1088-1094.
31. Liu, Q., Zhou, N.,^G Berger, B., Huang, D., & **Xu, L.** (2013). Mandarin consonant contrast recognition among children with cochlear implants or hearing aids, and normal-hearing children. *Otology & Neurotology*, 34, 471-476.
32. Lubbers, E. R.,^G List, E. O., Jara, A.,^G Sackmann-Sala, L., Cordoba-Chacon, J., Gahete, M. D., . . . **Berryman, D. E.** (2013). Adiponectin in mice with altered growth hormone action: Links to insulin sensitivity and longevity? *Journal of Endocrinology*, 216(3), 363-374.

33. Magimairaj, B., ^G & **Montgomery, J.** (2013). Examining the relative contribution of memory updating, attention focus switching, and sustained attention to children's verbal working memory span. *Child Development Research*, 53, 1-12.
34. Mao, Y., ^G & **Xu, L.** (2013). [Music and cochlear implants] [Review]. *Journal of Otology*, 8(1), 32-38. Retrieved July 25, 2014, from <http://www.ohio.edu/people/xul/mao2013jotol.pdf>
35. Mao, Y., Zhang, M., ^G Nutter, H., Zhang, Y., ^G Zhou, Q., ^G Liu, Q., . . . **Xu, L.** (2013). Acoustic properties of vocal singing in prelingually-deafened children with cochlear implants or hearing aids. *International Journal of Pediatric Otorhinolaryngology*, 77, 1833-1840.
36. McCullough, G. H., ^G & **Kim, Y.** (2013). Effects of the Mendelsohn maneuver on extent of hyoid movement and UES opening post-stroke. *Dysphagia*, 28(4), 511-519.
37. **Montgomery, J.**, Gillam, R., ^G & Evans, J. ^G (In press). Information processing in children with language impairments. In E. Silliman & R. Bahr (Eds.), *Handbook of communication disorders*. New York, NY: Routledge Publishers.
38. Park, T., ^G **Kim, Y.**, & McCullough, G. H. ^G (2013). Oropharyngeal transition of the bolus in poststroke patients. *American Journal of Physical Medicine and Rehabilitation*, 92(4), 320-326.
39. Ram, G., ^G **Marinellie, S.A., Benigno, J., & McCarthy, J.** (2013). Morphological analysis in context vs. isolation: Use of a dynamic assessment task in school age children. *Language, Speech and Hearing Services in Schools*, 44, 32-47.
40. **Ries, D. T.**, Woods, A., & Smith, M. ^G (2013). Retention of gap length in normal-hearing listeners. *Perception*, 42, 994-997.
41. Romani, W. A. ^G & **Russ, D. W.** (2013). Acute effects of sex-specific hormones on Heat shock proteins in fast muscle of male and female rats. *European Journal of Applied Physiology*, 113(10), 2503-2510.
42. **Russ, D. W.**, Wills, A. M., ^G Boyd, I. M., ^G & Krause, J. ^G (In press). Weakness, SR function and stress in gastrocnemius muscles of aged male. *Experimental Gerontology*.
43. **Ryan, T. J.**, & Beaucham, C. ^U. (2013). Dominant microbial volatile organic compounds in 23 US homes. *Chemosphere*, 90, 977-985. doi:10.1016/j.chemosphere.2012.06.066
44. Sackmann-Sala, L., **Berryman, D. E.**, Lubbers, E. R., ^G Zhang, H., ^G Vesel, C. B., Troike, K. M., ^U . . . Kopchick, J. J. (2013, July 20; Epub ahead of print). Age-related and depot-specific changes in white adipose tissue of growth hormone receptor-null mice. *Journals of Gerontology Series A Biological Sciences and Medical Sciences*.
45. Sha, D., ^G & **Thomas, J. S.** (2013, October 28, Epub ahead of print). An optimisation-based model for full-body upright reaching movements. *Computer Methods in Biomechanical & Biomedical Engineering*.

46. Shi, B., ^G Xie, S., Liu, J., **List, E. O.**, & **Berryman, D. E.** (2013). Robust separation of visceral and subcutaneous adipose tissue using micro-CT of Mice. *Institute of Electrical and Electronics Engineers (IEEE) Engineering in Medicine and Biology Society [Conference Proceedings]*, 2013, 2312-2315.
47. **Starkey, C.**, & David, S. ^G (2013). The athletic trainer. In M. D. Miller & S. R. Thompson (Eds.). *Delee & Drez: Orthopaedic sports medicine* (4th ed., pp. 379-383). Baltimore, MD: Elsevier Publishers.
48. Tonn, K., ^U & **Ryan, T. J.** (2013). Community-associated methicillin-resistant *Staphylococcus aureus* in college residential halls. *Journal of Environmental Health*, 75(6), 44-49.
49. Unsworth, D. A., ^U **Russell, J. A.**, & Martiny, A. C. ^U (In press). Presence of *Staphylococcus aureus* on university dance studio floors and barres: A preliminary investigation. *Journal of Dance Medicine & Science*.
50. **Xu, L.**, & Zhou, ^G (2013). [Tone language understanding with cochlear implants] [Review]. *Otolaryngology [News and Reviews]*, 28(4), 196-199.
51. Zhou, N., ^G Huang, J., ^G Chen, X., & **Xu, L.** (2013). Relationship between tone perception and production in prelingually-deafened children with cochlear implants. *Otology & Neurotology*, 34, 499-506.
52. Zhou, N., ^G & **Xu, L.** (In press). Melody recognition in dichotic listening with or without frequency mismatch. *Ear and Hearing*.

Theses and Dissertations

January 1, 2013 – December 31, 2013

CHSP students are identified by a U (undergraduate) or G (graduate).

The CHSP faculty mentor(s) is identified in **bold font**.

1. Ahn, J.^G (**Brannan, R.**). (2011). Characterization of (+)-Catechin and Quercetin from Pawpaw Pulp. Ohio University, Athens, OH.
2. Detti, M.^G (**Ragan, B.**). (2013). Do College Athletes Differ From College Non-athletes on Their Sleep Quality? Ohio University, Athens, OH.
3. Gray, K.^G (**Starkey, C.**). (2013). Validation of the Ottawa Ankle Rules for Acute Foot and Ankle Injuries. Ohio University, Athens, OH.
4. Hu, J.^G (**Jeng, F.-C.**). (2013). An Automated Response Detection Procedure for Human Frequency Following Response Elicited by Voice Pitch. Ohio University, Athens, OH.
5. Kaya, R.^G (**Rana, S.**). (2013). Muscle Strength, Motor Units, and Aging. Ohio University, Athens, OH.
6. Oomen, E.^G (**Youngsun, K.**). (2013). Effects of Three Lingual Conditions on Submental Muscle Activity in Healthy Young and Old Adults. Ohio University, Athens, OH.
7. Schlosser, K.^G (**Chabot, J.**). (2013). Photographic Research Through a Child Life Lens. Ohio University, Athens, OH.
8. Schreibman, J.^G (**Holben, D.**). (2013). Food Security and Physical Activity in Individuals Living With HIV/AIDS in Rural Appalachia. Ohio University, Athens, OH.
9. Silva, K.^G (**Ragan, B.**). (2013). Validation of the Movement and Activity in Physical Space System as a Functional Outcome Measure Following Anterior Cruciate Ligament Reconstruction Surgery. Ohio University, Athens, OH.
10. Spring, L.^G (**Ragan, B.**). (2013). The Effects of Two Analgesic Balm Applications on Pain and Psychological Factors Related to Injury. Ohio University, Athens, OH.
11. Wang, G.^G (**Brannan, R.**). (2013). Effect of Frozen Storage on Antioxidant Capacity, Polyphenol Oxidase Activity, and Phenolic and Flavonoid Content and Color of Pawpaw Pulp. Ohio University, Athens, OH.
12. Winner, B.^G (**Howe, C.**). (2013). Effects of an Empirically-Based Physical Activity Intervention Aimed to Increase Moderate-to-Vigorous Physical Activity and Improve Body Composition and Blood Pressure in Appalachian Children. Ohio University, Athens, OH.
13. Zhang, H.^G (**Berryman, D.**). (2013). An Optimized Polymerase Chain Reaction to Verify the Presence or Absence of Growth Hormone Receptor Gene Accession. Ohio University, Athens, OH.

Presentations

January 1, 2013 – December 31, 2013

CHSP students are identified by a U (undergraduate) or G (graduate).
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(Includes platform and poster presentations, published abstracts of platform and poster presentations; workshops; and invited/keynote speeches at state, regional, national, and international conferences during 2013.)

1. Adams, A.,^U & **McCarthy, J.** (2013). *Symbol organization in children*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
2. Benner, C.,^U **Berryman, D.**, & Kopchick, J. (2013). *Investigation of hypertension development in bovine growth hormone (bGH) transgenic mice*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
3. Clevenger, K.,^U & **Howe, C.** (2013). *Characterizing children's free-play physical activity: Steps vs. counts*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
4. Davis, A.,^U & **Jeng, F.-C.** (2013). *Binaural interaction of experience-dependent brainstem responses to frequency sweeps in normal-hearing Chinese adults*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
5. Fraser, E.,^U Shubrook, J, **Berryman, D.**, & **Murray, D.** (2013). *The effects of lifestyle modifications for those in the INSPIRE study and Insulin First Program*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
6. Graf, Kelsey,^G & **Kingori, C.** (2013). *Millennium Development Goal 5, maternal health, in Nicaragua*. Poster session presented at the Global Health Fair, Ohio University, Athens, OH.
7. Holdeman, S.,^U & **Brannan, R.** (2013). *From laboratory to "collaboratory": Developing an online introductory food science laboratory curriculum*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
8. Homady, A.,^U & **Ragan, B.** (2013). *A psychometric evaluation of the paced auditory serial addition test for use in a concussion screening protocol*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.

9. Leslie, R.,^U & **Howe, C.** (2013). *Measuring children's structured free-play from light to vigorous intensity: Counts vs. steps.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
10. Lubbe, R.,^U & **Kushnick, M.** (2013). *Acute hyperglycemia and oxidative stress: The second meal effect.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
11. McInturf, D.,^U & **Ragan, B.** (2013). *Validity issue with the balance error scoring system.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
12. Muneio, E.,^U **White, J.**, & Hagerman, F. (2013). *A comparison of physiological responses to submaximal and maximal exertion of different models of concept 2 rowing ergometers.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
13. Snyder, M.,^U & **McCarthy, J.** (2013). *Symbolic organization in children with autism spectrum disorders.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
14. Stewart, T.,^U **Howe, C.**, **Barr, M.**, & **White, J.** (2013). *Accelerometry: Does it capture the moves.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
15. Warner, K.,^U & **Ragan, B.** (2013). *Inter-rater reliability of the Movement and Activity in Physical Space (MAPS) System: Geospatial functional outcome measures.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
16. Bray, B.,^G & **Murray, D.** (2013). *Advancing a nutrition counseling session: Using video modules to enhance critical counseling skills.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
17. Chapman, J.,^G & **Kushnick, M.** (2013). *Accelerometry compared to indirect calorimetry during a moderate intensity exercise bout.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
18. Cugliari, B.,^G & **Krause, B.** (2013). *Quadriceps central activation failure syndrome exists in patients with patellofemoral pain.* Poster session presented at the College of

Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.

19. David, S.,^G & **Ragan, B.** (2013). *Development of a patient-AT trust instrument using a focus group.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
20. Deffner, S.,^G & **Ragan, B.** (2013). *Measuring lifestyle physical activity in women using the Movement and Activity in Physical Space (MAPS) System.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
21. Dettl, M.,^G & **Ragan, B.** (2013). *Sleep quantity, sleep quality and daytime sleepiness assessment in collegiate athletes.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
22. Divers, C.,^G & **Ragan, B.** (2013). *Psychometric evaluation of the balance error scoring system.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
23. Fournier, Z.,^G & **Krause, B.** (2013). *Collegiate athletic trainers' understanding of and experience in managing mental health disorder.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
24. Curtis Friebel, C.,^G & **Ragan, B.** (2013). *Validation of the Movement and Activity in Physical Space (MAPS) System as a functional outcome measure following lateral ankle sprain.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
25. Gray, K.,^G **Starkey, C.,** & **Ragan, B.** (2013). *Validation of the Ottawa Ankle Rules for acute foot and ankle injuries over time.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
26. Hewage, S.,^G & **Holben, D.** (2013). *Food security, produce intake/behaviors, and cervical health of adult women living in rural Appalachian Ohio: A pilot study.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
27. Householder, L.,^G & **Berryman, D.** (2013). *Examining the impact of growth hormone on the collagen content of adipose tissue in bGH mice.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.

28. Kaya, R.,^G Clark, B., & **Rana, S.** (2013). *Do weaker older adults have fewer functioning motor units?* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
29. Keene, J.,^G & **Howe, C.** (2013). *Validating the Microsoft Kinect System for measuring joint angle and position during jump training.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
30. Krause, J.,^G Wills, A.,^G Klein, E.,^U & **Russ, D.** (2013). *“SR stress” in mixed hindlimb muscles of aging male rats.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
31. LaFevor, M.,^G & **Ragan, B.** (2013). *Rasch model fit indices may help identify effort with baseline concussion testing.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
32. Linsenmayer, M.,^G Ross, A.,^G Corbett, M.,^G Schwing, T.,^G & **Thomas, J.** (2013). *Effects of spinal manipulation on peak loading and trunk displacement during unanticipated trunk perturbations of participants with and without chronic low back pain.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
33. Liu, X.,^G & **Berryman, D.** (2013). *Cardiac calcium channel expression in heart-specific GH receptor gene disrupted mice.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
34. Mahato, N.,^G & Clark, B. (2013). *Effect of mental imagery training on disuse-induced muscle weakness and impairments in voluntary activation.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
35. Matthews, C.,^U Wiseman, S.,^G **Chleboun, G., Sindelar, B., & Odenthal, J.** (2013). *Immediate effect of lower lumbar spinal manipulation on segmental lower lumbar spine motion.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
36. McCartney, S.,^G & **DiGiovanni, J.** (2013). *Using cognitive tasks to assess listening performance in various background noises.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
37. McElhiney, D.,^G & **Ragan, B.** (2013). *The number of words and word choice can improve the standardized assessment of concussion scores.* Poster session

- presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
38. Modayil, M.,^G & **Halowell, B.** (2013). *Testing the automaticity assumption of eye tracking methods for assessing linguistic comprehension*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 39. Nagaraj, N.,^G **DiGiovanni, J.**, & **Montgomery, J.** (2013). *Explaining listening comprehension variability using cognitive and speech tests*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 40. Park, T.,^G & **Kim, Y.** (2013). *Laryngeal closure during swallowing: Bilateral versus unilateral stroke*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 41. Ram, G.,^G **Marinellie, S.**, Renigno, J., **Montgomery, J.**, & **Sergeey, A.** (2013). *Role of phonological opacity and morphological knowledge in predicting reading skills in school-age children*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 42. Sayers, R.,^G & **Rose-Grippa, K.** (2013). *The silent gene*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 43. Schlosser, K.,^G & **Chabot, J.** (2013). *SNAPSHOT! Photographic research through a child life lens*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 44. Silva, K.,^G & **Ragan, B.** (2013). *Validation of the Movement and Activity in Physical Space (MAPS) System as a functional outcome measure following ACL reconstruction surgery*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 45. Thaxton, A.,^G Householder, L.,^G Lubbers, E.,^G Kopchick, J., & **Berryman, D.** (2013). *Comparison of collagen content between white adipose tissue depots of growth hormone injected and wild type mice*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
 46. Vadlamudi, J.,^G & **Xu, L.** (2013). *Acoustic analysis of fricative and affricate productions by normal hearing children and children with cochlear implants*. Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.

47. Wells, K.,^G & **Ragan, B.** (2013). *Validation of accelerometry as a physical rest monitor during concussion recovery.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
48. Winner, B.,^G & **Howe, C.** (2013). *An empirically-based physical activity intervention aimed to increase MVPA and improve chronic disease risk in Appalachian children.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.
49. Zhang, H.,^G & **Berryman, D.** (2013). *Age-related and depot-specific changes in white adipose tissue of growth hormone receptor-null mice.* Poster session presented at the College of Health Sciences and Professions Student Research and Creative Showcase, Ohio University, Athens, OH.

Grants, Contracts and Awards

January 1, 2013 – December 31, 2013

CHSP Students are identified by a U (undergraduate) or G (graduate).
The CHSP faculty mentor(s) is identified in **bold font**.

(Includes internal and external proposals awarded, and awards – if monetary value associated, it is denoted.)

1. Berger, R.^G (**Xu, L.**). (2013). Travel Scholarship Award. American Auditory Society. \$200.
2. Bloniak, T.^U (**Howe, C.**). (2013). Lower-Limb Impact Forces of Active Video Gaming in Healthy Weight and Overweight College Students. Provost's Undergraduate Research Fund, \$926.
3. Buchenic, L.^G (**Sindelar, B.**). (2013). Graduate Student Senate Travel Award, \$500.
4. Burns, T.^U (2013). The Hilda Richards Fund. CHSP. \$500.
5. Cook, A.^G (**Sindelar, B.**). (2013). Graduate Student Senate Travel Award, \$420.
6. Culley, A.^U (**Benigno, J.**). (2013). The Effects of Event Knowledge and Parent Input on the Language Skills of Children with and without Language Impairment. Student Enhancement Award, \$2,910.
7. Finney, M.^G (**Montgomery, J.**). (2013). The Role of Decay in Children's Sentence Processing. Graduate Student Senate Original Work Grant, \$750.
8. Hollister, G.^G (**Jeng, F.-C.**). (2013). Graduate Student Senate Travel Award, \$500.
9. Kaya, R.^G (**Clark, B.**). (2013). Graduate Student Senate Travel Award, \$500.
10. Kilbarger, J.^U (**Howe, C.**). (2013). Teaching HENRY: Healthy Exercise and Nutrition Recommendations for Youth. Provost's Undergraduate Research Fund, \$1,278.
11. Kowalski, J.^U (**List, E.**). (2013). Longitudinal Analysis of Glucose Metabolism in Growth Hormone Antagonist (GHA) Mice at Advanced Ages. Provost's Undergraduate Research Fund, \$1,500.
12. Liu, X.^G (**Berryman, D.**). (2013). Graduate Student Senate Travel Award, \$500.
13. Luzar, J.^U (**Kushnick, M.**). (2013). The Effects of a Single Bout of Exercise During 24 Hours of Overfeeding on Subsequent Postprandial Lipemia. Provost's Undergraduate Research Fund, \$1,500.

14. Modayil, M.^G (**Hallowell, B.**). (2013). Graduate Student Senate Travel Award, \$500.
15. Nagaraj, N.^G (**DiGiovanni, J.**). (2013). Role of Auditory Working Memory in Listening Comprehension. Graduate Student Senate Original Work Grant, \$750.
16. Ritz, A. L.^U (**Bolon, D.**). (2013). Planetree Model: Planting the Seed for Patient Personalization. Richard J. Stull Student Essay Competition in Healthcare Management, American College of Healthcare Executives, 2nd place, \$2,000.
17. Sabol, J.^G (**Jeng, F.-C.**). (2013). Graduate Student Senate Travel Award, \$500.
18. Smith, M.^G (**Ries, D.**). (2013). Graduate Student Senate Travel Award, \$500.\
19. Snyder, M.^U (2013). Student Leadership Development Program. Ohio Speech Language and Hearing Association. \$500.
20. Weaver, A.^G (**Ries, D.**). (2013). Graduate Student Senate Travel Award, \$500.
21. Wilding, M.^G (**Odenthal, J. Z.**). (2013). Graduate Student Senate Travel Award, \$500.
22. Williams, B.^G (2013). James Ball Scholarship.
23. Wood, C.^U (**Berryman, D.**). (2013). Quantification of Circulating Insulin and Adiponectin Levels of Adult-Onset Growth Hormone Receptor Disrupted Mice. Provost's Undergraduate Research Fund, \$1,500.

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College of Health Sciences and Professions, Ohio University.

Send corrections to:
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Data collected through campus resources and student and faculty survey/feedback.

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