

## Recent CSDI Faculty Publications

*Charles Ellis Jr., PhD, CCC-SLP*

Babtunde, O.T., Briley, P.M.\*, White, B.M., Fang, X., & **Ellis, C.** (in press). Dietary practices among stroke-survivors- Racial/ethnic differences. *Journal of Stroke and Cerebrovascular Diseases*.

Briley, P.M. & **Ellis, C.** (in press). Behavioral, emotional, and social well-being in children who stutter: Evidence from the National Health Interview Survey". *Journal of Developmental and Physical Disabilities*.

Burns, S.P., Mueller, M., Magwood, G., White, B.M., & **Ellis, C.** (in press). Racial and ethnic disparities in post-stroke subjective cognitive decline exist. *Disability and Health Journal*.

Burns, S.P., White, B., Magwood, G.S., **Ellis, C.**, Logan, A., Buie, J.N., & Adams, R.J. (in press). Racial and ethnic disparities in stroke outcomes: A scoping review of post-stroke disability assessment tools. *Disability and Rehabilitation*.

**Ellis, C.** & Briley, P.M. (in press). Experience doesn't reduce all stress: An exploration of perceived stress among graduate students in Speech-Language Pathology. *Journal of Allied Health*.

**Ellis, C.**, Hardy, R.Y., Lindrooth, R.C. & Peach, R.K. (in press). Rate of aphasia among stroke patients discharged from hospitals in the United States. *Aphasiology*.

Hardy, R.Y., Lindrooth, R.C., Peach, R.K., & **Ellis, C.** (in press). Urban-rural differences in service utilization and costs of care for racial-ethnic groups hospitalized with post-stroke aphasia. *Archives of Physical Medicine and Rehabilitation*.

White B.M., **Ellis, C.**, Moran, W.P., Jones, W.J., & Simpson, K.N. (in press) The effect of the global financial crisis on preventable hospitalizations among the homeless in New York state. *Journal of Health Services Research & Policy*. [Epub ahead of print].

White, B.M., Magwood, G.S., Burns, S.B., & **Ellis, C.** (in press). Sex differences in patient-reported post-stroke disability. *Journal of Women's Health*.

Sharma S, Briley P, Wright HH, Perry JL, Fang X, **Ellis C** (2019). Gender differences in aphasia outcomes:Evidence from the AphasiaBank. *International Journal of Language & Communication Disorders*, 54(5), 806-813.

Adams, R.J., **Ellis, C.**, Magwood, G., Kindy, M., Bonilha, L., Lackland, D., and WISSDOM Investigators. (2018). Addressing racial disparities in stroke: The wide spectrum investigation of stroke outcome disparities on multiple levels (WISSDOM). *Ethnicity and Disease*, 28(1), 61-68.

Briley, P. M., & **Ellis, C.** (2018). The coexistence of disabling conditions in children who stutter:

Evidence from the national health interview survey. *Journal of Speech, Language, and Hearing Research*, 61(12), 2895-2905. doi:10.1044/2018\_JSLHR-S-17-0378

- Ellis, C.** (2018). African Americans and Aphasia: A 25 year review. *Journal of the National Black Association for Speech-Language and Hearing*, 13(1), 31-42.
- Ellis, C. & Mayo, R.** (2018). Moving from conference presentations to scholarly publications. *Journal of the National Black Association for Speech-Language and Hearing*, 13(1), 53-59.
- Feimster Holt, Y., & **Ellis, C.** (2018). African american women's speech: Vowel inherent spectral change. *Acoustical Science and Technology*, 39(2), 160-162. doi:10.1250/ast.39.160
- Holt, Y.F. & **Ellis, C.** (2018). African American women's speech: Vowel inherent spectral change. *Acoustical Science and Technology*, 39(2), 160-162.
- Ellis, C., Hardy, R.Y. & Lindrooth, R.C. &** (2017). Greater healthcare utilization and costs among black persons compared to white persons with aphasia in the North Carolina stroke belt. *Journal of the Neurological Sciences*, 376, 76-83.
- Ellis, C., Magwood, G., & White, B.** (2017). Racial differences in patient-reported poststroke disability in older adults. *Geriatrics*. 2, 16; DOI:10.3390/geriatrics2020016.
- Ellis, C. & Peach, R.K.** (2017). Life Satisfaction and Aphasia: An Integrative Review with Recommendations for Future Research. *Aphasiology*. 31(6), 631-642
- Ellis, C. & Peach R.K.** (2017). Racial-ethnic differences in word fluency and auditory comprehension among persons with post-stroke aphasia. *Archives of Physical Medicine and Rehabilitation*, 98(4):681-686.
- Ellis, C., Peach, R.K., Hardy, R.Y. & Lindrooth, R.C.** (2017). The Influence of race on SLP utilization and costs among persons with aphasia. *Aphasiology*, 31(12), 1433-1440.
- Briley, P.M., Nall, K., Winslow, S. & **Ellis, C.** (2017) University affiliated aphasia groups: Benefits to persons with aphasia, families, and student trainees. *Journal of Speech Pathology and Therapy*, 2:1. DOI: 10.4172/2472-5005.1000120
- Jordan H.N., Schenck G.C., **Ellis C.**, Rangarathnam B., Fang X. & Perry J.L. (2017). Examining velopharyngeal closure patterns based on anatomic variables. *Journal of Craniofacial Surgery*, 28(1):270-274.
- Grubaugh, A., Veronee, K., **Ellis, C.**, Knapp, R., & Brown, W. (2017). Feasibility and efficacy of prolonged exposure for PTSD among Individuals with a psychotic spectrum disorder. *Frontiers in Psychology, Clinical and Health Psychology Section*. 8:977. doi: 10.3389/fpsyg.2017.00977.

Magwood, G.S., White, B.M., & Ellis, C. (2017). Stroke-related disease comorbidity and secondary stroke prevention practices among young stroke survivors. *Journal of Neuroscience Nursing*, 49(5), 296-301.

*Yolanda Feimster Holt, PhD, CCC-SLP*

Méndez LI, Perry, JL, **Holt Y**, Bian H, Fafulas S (in press). Same or Different: Narrative Retells in Bilingual Latino Kindergarten Children. *Bilingual Research Journal*.

Perry JL, Kotlarek K, Mendez L, **Holt Y**, Fafulas S, Broadwell, K (2019). Nasometric Comparison Between Spanish-English Bilingual and English Monolingual Children. *Cleft Palate Craniofacial Journal*, 56(3), 331-339. PMID: 29986147. DOI: 10.1177/1055665618786350.

Pua E, **Holt Y**, Kollara L, Rangarathnam B, Fang X, Perry JL (2019) Evaluating Nasal Values Among Bilingual Mandarin-English Speakers. *Cleft Palate Craniofacial Journal*, 56(4), 462-470. PMID: 30099917. DOI: 10.1177/1055665618791942

**Holt, Y. F.**, & Rangarathnam, B. (2018). F0 declination and reset in read speech of african american and white american women. *Speech Communication*, 97, 43-50. doi:10.1016/j.specom.2018.01.001

**Holt, Y. F.** (2018). Mechanisms of vowel variation in african american english. *Journal of Speech, Language, and Hearing Research*, 61(2), 197-209. doi:10.1044/2017\_JSLHR-S-16-0375

**Holt, Y.**, & Ellis, C. (2018). African american women's speech: Vowel inherent spectral change. *Acoustical Science and Technology*, 39(2), 160-162. doi:10.1250/ast.39.160

*Jamie Perry, PhD, CCC-SLP*

Baylis AL, **Perry JL**, Wilson K, Dailey S, Bedwinek A, Trost-Cardamone J, Kirschner RE, Goudy S. (in press). Team management of velopharyngeal inadequacy: Summary of best practices for surgeons and speech-language pathologists. *Perspectives*.

Haenssler AE, Baylis A, **Perry JL**, Kollara L, Fang X, Kirschner R. (in press) Impact of cranial base abnormalities on cerebellar volume and the velopharynx in 22q11.2 Deletion Syndrome. *Cleft Palate Craniofacial Journal*.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Xiangming F, **Perry JL**. (in press) Interaction of the craniofacial complex and velopharyngeal musculature on speech resonance in children with 22q11.2 deletion syndrome: An mri analysis. *Journal of Plastic, Reconstructive & Aesthetic Surgery*.

Kollara L, Baylis A, Kirschner R, Bates G, Smith M, Fang X, **Perry JL** (in press). Velopharyngeal structural

and muscle variations in children with 22q11.2 deletion syndrome: An unselected MRI study. *Cleft Palate-Craniofacial Journal*.

Kotlarek KJ, Haenssler AE, Hildebrand KE, **Perry JL** (in press). Morphological variation of the velum in children and adults using mri. *Imaging Science in Dentistry*.

Mason KN, Hauhuth K, **Perry JL**, Riski JE (in press). Evaluating the accuracy of using at rest images to determine the height of velopharyngeal closure. *Journal of Craniofacial Surgery*.

Mason KN, Stockstill JW, **Perry JL** (in press). Growth of the craniofacial complex and its relationship to Pierre Robin Sequence: A narrative review. *International Journal on Disability and Human Development*.

Medeiros-Santa MNL N, **Perry JL**, Yassutaka R, Trindade-Suedam I, Yamashita RP. (in press) Predictors of velopharyngeal dysfunction in individuals with cleft palate following surgical maxillary advancement: Clinical and tomographic assessments. *Cleft Palate-Craniofacial Journal*.

Méndez LI, **Perry, JL**, Holt Y, Bian H, Fafulas S (in press). Same or different: Narrative retells in bilingual latino kindergarten children. *Bilingual Research Journal*.

**Perry JL**, Chen JY, Kotlarek KJ, Haenssler AE, Kuehn DP, Sutton BP, Sitzman TJ, Fang X (in press). Morphology of the musculus uvulae in vivo using MRI and 3D modeling among adults with normal anatomy and preliminary comparison to cleft palate anatomy. *Cleft Palate-Craniofacial Journal*.

**Perry JL**, Kotlarek KJ, Spoloric K, Baylis A, Kollara L, Grischkan JM, Kirschner R, Bates DG; Smith M, Findlen U. (in press). Differences in the tensor veli palatini muscle and hearing status in children with and without 22q11.2 deletion syndrome. *Cleft Palate Craniofacial Journal*.

Sharma S, Briley P, Wright HH, **Perry JL**, Fang X, Ellis C (2019). Gender differences in aphasia outcomes: Evidence from the AphasiaBank. *International Journal of Language & Communication Disorders*, 54(5), 806-813.

**Perry JL**, Kollara L, Sutton BP, Kuehn DP, Fang X (2019). Growth effects on velopharyngeal anatomy from childhood to adulthood. *Journal of Speech, Language, and Hearing Research*, 62, 682-692. PMID: 30950740. DOI: 10.1044/2018.

**Perry JL**, Kotlarek K, Mendez L, Holt Y, Fafulas S, Broadwell, K (2019). Nasometric comparison between spanish-english bilingual and english monolingual children. *Cleft Palate Craniofacial Journal*, 56(3), 331-339. PMID: 29986147. DOI: 10.1177/1055665618786350.

Pua E, Holt Y, Kollara L, Rangarathnam B, Fang X, **Perry JL** (2019) Evaluating nasal values among bilingual mandarin-english speakers. *Cleft Palate Craniofacial Journal*, 56(4), 462-470. PMID: 30099917. DOI: 10.1177/1055665618791942

- Schenck GC, **Perry JL**, Kollara L, Kuehn DP (2019). Effects of surgical intervention and continuous positive airway pressure therapy on velopharyngeal structure and function: A case report. *Cleft Palate Craniofacial Journal* 56(4), 525-533. DOI: PMID: 30048600. DOI: 10.1177/1055665618787688
- George TN, Kotlarek KJ, Kuehn DK, Sutton BP, **Perry JL** (2018). Differences in the tensor veli palatini between adults with and without cleft palate using high resolution three-dimensional magnetic resonance imaging. *Cleft Palate Craniofacial Journal*, 55(5), 698-705. DOI: 10.1177/1055665617752802.
- Kotlarek KJ, Kotlarek J, Reitnauer P, **Perry JL** (2018) A familial case study exploring craniofacial, velopharyngeal, and speech variations in pierre robin sequence. *Clinical Archives of Communication Disorders*, 3(2), 236-245. DOI:10.21849/cacd.2018.00360.
- Mason KN, Pua E, **Perry JL** (2018). Effect of motor-based speech intervention on articulatory placement to treat a posterior nasal fricative: A preliminary mri study on a single subject. *International Journal of Language and Communication Disorders*. 53(4), 852-863. DOI: 10.1111/1460-6984.12393.
- Mason K, Riski JE, **Perry JL** (2018). Age related changes between the level of velopharyngeal closure and palatal plane in subjects with cleft and non-cleft velopharyngeal dysfunction. *Cleft Palate Craniofacial Journal*. PMID: 26963301. DOI: 10.1097/SCS.0000000000002403.
- Mason K, Riski JE, **Perry JL** (2018). Changes in the height of velopharyngeal closure relative to the cervical spine from infancy through adolescence in patients with cleft palate. *Cleft Palate-Craniofacial Journal*, 55(4), 508-516. PMID: 29554448. DOI: 10.1177/1055665617732784.
- Perry JL**, Kollara L, Kuehn DP, Sutton BP, Fang X (2018). Examining age, sex, and race characteristics of velopharyngeal structures in 4- to 9- year old children using magnetic resonance imaging. *Cleft Palate-Craniofacial Journal*, 55(1), 21-34. DOI: 10.1177/1055665617718549.
- Perry JL**, Kotlarek K, Sutton BP, Kuehn DP, Jaskolka M, Fang X, Point SW, Rauccio F (2018). Variations in velopharyngeal structure in adults with repaired cleft palate. *Cleft Palate-Craniofacial Journal*, 55(10), 1409-1418. PMID: 29356620. DOI: 10.1177/1055665617752803.
- Perry JL**, Mason K, Sutton BP, Kuehn DK (2018) Can dynamic mri be used to accurately identify velopharyngeal closure patterns? *Cleft Palate-Craniofacial Journal*, 55(4), 499-507. PMID: 29554453. DOI: 10.1177/1055665617735998.
- Fu M, Barlaz MS, Holtrop JL, **Perry JL**, Kuehn DP, Shosted RK, Liang Z, Sutton BP (2017). HighResolution full-vocal-tract 3d dynamic speech imaging. *Magnetic Resonance in Medicine*. 77(4), 1619-1629. PMID: 27099178. DOI: 10.1002/mrm.26248.
- Jordan HN, Schenck GC, Ellis C, Rangarathnam B, Fang X, **Perry JL** (2017). Examining velopharyngeal

closure patterns based on anatomic variables. *Journal of Craniofacial Surgery*, 28(1), 270-274. PMID: 27941550. DOI: 10.1097/SCS.00000000000003284.

Kollara L, Schenck GC, Jaskolka M, **Perry JL** (2017). Examining a new method to studying velopharyngeal structures in a child with 22q11.2 ds. *Journal of Speech Language and Hearing Research*, 60, 892-896. PMID: 28384736. DOI: 10.1044/2016\_JSLHR-S-16-0084.

Kotlarek KJ, **Perry JL**, Fang, X (2017). Morphology of the levator veli palatini muscle in adults with repaired cleft palate. *Journal of Craniofacial Surgery*, 28(3), 833-837. PMID: 28060090. DOI: 10.1097/SCS.00000000000003373.

**Perry, JL**, Kuehn DP, Sutton BP, Fang X (2017). Velopharyngeal structural and functional assessments of speech in young children using dynamic magnetic resonance imaging. *Cleft Palate-Craniofacial Journal*, 54(4), 408-422. DOI: 10.1597/15-120.

### *Kathrin Rothermich, PhD*

Fish, K., **Rothermich K.**, Pell., M.D. (2017). The sound of (in)sincerity. *Journal of Pragmatics* 121, 147-161.

**Rothermich K.**, Schwartz R.1, Kotz S.A., Pell M.D (2017). Unaltered emotional experience in Parkinson's disease: Pupillometry and behavioral evidence. *Journal of Clinical and Experimental Neuropsychology*. doi: 10.1080/13803395.2017.1343802.

### *Heather Harris Wright, PhD, CCC-SLP*

#### Book Chapters

Sharma, S., Kim, H., & Wright, H. H. (in press). Elderly: Communication disorders of aging. In. M. J. Ball & J. S. Damico (Eds). *Sage Encyclopedia of Communication Sciences and Disorders* (pp. xx). Thousand Oaks, CA: SAGE Publications Inc.

#### Manuscripts

Christensen, S. C., **Wright, H. H.**, & Ratiu, I. (in press). Working memory and aphasia: Peeling the onion. *Journal of Neurolinguistics*.

Kim, H., & **Wright, H. H.** (in press). Concurrent validity and reliability of the core lexicon measure as a measure of word retrieval ability in aphasia narratives. *American Journal of Speech- Language Pathology*.

Kim, H., Kintz, S., & **Wright, H. H.** (2019). Measuring word retrieval in narrative discourse: Core lexicon in Aphasia. *International Journal of Language & Communication Disorders*, 54(1), 68-78

Kintz, S., Hibbs, V., Henderson, A., Andrews, M., & **Wright, H. H.** (2018). Discourse-based treatment in mild traumatic brain injury. *Journal of communication disorders*, 76, 47-59.

Henderson, A., Kim, H., Kintz, S., Frisco, N., & Wright, H. H. (2017). Working memory in aphasia: Considering discourse processing and treatment implications. *Seminars in Speech and Language*, 38, 40-51.

Kintz, S., & **Wright, H. H.** (2017). Discourse measurement in aphasia research. *Aphasiology*. DOI: 10.1080/02687038.2017.1398807

Kintz, S., & **Wright, H. H.** (2017). Semantic knowledge use in discourse: Influence of age. *Discourse Processes*, 54, 670-681. DOI: 10.1080/0163853X.2016.1150652

Sharma S, Briley P, **Wright HH**, Perry JL, Fang X, Ellis C (2019). Gender differences in Aphasia outcomes: Evidence from the AphasiaBank. *International Journal of Language & Communication Disorders*, 54(5), 806-813.

### *Ning Zhou, PhD*

Tao, D., Liu, J., Yang, Z., Wilson, B. S., **Zhou, N.** (2018). Bilaterally combined electric and acoustic hearing in Mandarin-speaking listeners: The population with poor residual hearing. *Trends in Hearing*, 22, 1-13.

**Zhou, N.** Dong, L. Hang, M. (2017). Evaluating multipulse integration as a neural-health correlate in human cochlear-implant users: Effects of stimulation mode. *Journal of the Association for Research in Otolaryngology*, published first online. DOI: 10.1007/s10162-017-0643-7.

**Zhou, N.** (2017). Deactivating stimulation sites based on low-rate thresholds improves spectral ripple and speech reception thresholds in cochlear implant users. *Journal of the Acoustical Society of America*, 141, EL243-248.

**Zhou, N.** Dong, L. (2017). Evaluating multipulse integration as a neural-health correlate in human cochlear-implant users: Relationship to psychometric functions for detection. *Trends in Hearing*, 21, 1-12.

## **Recent PTHE Faculty Publications**

### *Theodore Graber, PhD*

**Graber, T. G.**, Fandrey, K. R., & Thompson, L. V. (2019). Novel individualized power training protocol preserves physical function in adult and older mice. *GeroScience*, 41(2), 165–183.

**Graber, T. G.**, Fry, C. S., Brightwell, C. R., Moro, T., Maroto, R., Bhattarai, N., ... Rasmussen, B. B. B.

(2019). Skeletal muscle-specific knockout of DEP domain containing 5 protein increases mTORC1 signaling, muscle cell hypertrophy, and mitochondrial respiration. *The Journal of Biological Chemistry*, 294(11), 4091–4102.

Kim, J.-H., **Graber, T. G.**, Liu, H., Asakura, A., & Thompson, L. V. (2019). Increasing myosin light chain 3f (MLC3f) protects against a decline in contractile velocity. *PloS One*, 14(4), e0214982.

Neelakantan, H., Brightwell, C. R., **Graber, T. G.**, Maroto, R., Wang, H.-Y. L., McHardy, S. F., ... Watowich, S. J. (2019). Small molecule nicotinamide N-methyltransferase inhibitor activates senescent muscle stem cells and improves regenerative capacity of aged skeletal muscle. *Biochemical Pharmacology*, 163, 481–492.

### *James Chia-Cheng Lin, PhD*

Hinderaker, M., Sycott, B., Williams, K., & **Lin, C.** (2019). Aging affects the ability to process the optic flow stimulations: A functional near-infrared spectrometry study. *Journal of Motor Behavior*, 1-8. doi:10.1080/00222895.2019.1645639

**Lin, C.**, Whitney, S. L., Loughlin, P. J., Furman, J. M., Redfern, M. S., Sienko, K. H., & Sparto, P. J. (2018). The use of vibrotactile feedback during dual-task standing balance conditions in people with unilateral vestibular hypofunction. *Otology & Neurotology*, 39(5), e349-e356. doi:10.1097/MAO.0000000000001764

**Lin, C.**, Barker, J. W., Sparto, P. J., Furman, J. M., & Huppert, T. J. (2018). Correction to: Functional near-infrared spectroscopy (fNIRS) brain imaging of multi-sensory integration during computerized dynamic posturography in middle-aged and older adults. *Experimental Brain Research*, 236(4), 1225-1228. doi:10.1007/s00221-018-5177-7

Huppert, T. J., Karim, H., **Lin, C.**, Alqahtani, B. A., Greenspan, S. L., & Sparto, P. J. (2017). Functional imaging of cognition in an old-old population: A case for portable functional near-infrared spectroscopy. *Plos One*, 12(10), e0184918-e0184918. doi:10.1371/journal.pone.0184918

**Lin, C.**, Barker, J. W., Sparto, P. J., Furman, J. M., & Huppert, T. J. (2017). Functional near-infrared spectroscopy (fNIRS) brain imaging of multi-sensory integration during computerized dynamic posturography in middle-aged and older adults. *Experimental Brain Research*, 235(4), 1247-1256. doi:10.1007/s00221-017-4893-8

### *Stacey Meardon, PhD*

Willy, R. W., DeVita, P., **Meardon, S. A.**, Baggaley, M., Womble, C. C., & Willson, J. D. (2019). Effects of load carriage and step length manipulation on achilles tendon and knee loads. *Military Medicine*, doi:10.1093/milmed/usz031.

**Meardon, S. A.**, Willson, J. D., Kernozek, T. W., Duerst, A., & Derrick, T. R. (2018). Shoe cushioning



affects lower extremity joint contact forces during running. *Footwear Science*, 10(2), 109–117.

Milner, C., **Meardon, S. A.**, Hawkins, J., & Willson, J. D. (2018). Walking velocity and step length adjustments affect knee joint contact forces in healthy weight and obese adults. *Journal of Orthopaedic Research*, 36(10), 2679–2686.

Baggaely, M., Willy, R. W., & **Meardon, S.** (2017). Primary and secondary effects of real-time feedback to reduce vertical loading rate during running. *Scandinavian Journal of Medicine & Science in Sports*, 27, 501–507.

Esculier, J. F., Willy, R. W., Baggaely, M., **Meardon, S. A.**, & Willson, J. D. (2017). Sex-specific kinetic and kinematic indicators of medial tibiofemoral force during walking and running. *Knee*, 24(6), 1317–1325.

### *John Willson, PhD*

Willy, R. W., DeVita, P., Meardon, S. A., Baggaely, M., Womble, C. C., & **Willson, J. D.** (2019). Effects of load carriage and step length manipulation on Achilles tendon and knee loads. *Military Medicine*, epub ahead of print.

Gheidi, N., Kernozek, T. W., **Willson, J. D.**, Revak, A., & Diers, K. (2018). Achilles tendon loading during weight bearing exercises. *Physical Therapy in Sport : Official Journal of the Association of Chartered Physiotherapists in Sports Medicine*, 32, 260–268.

Kuhman, D., **Willson, J. D.**, Mizelle, J. C., & DeVita, P. (2018). The relationships between physical capacity and biomechanical plasticity in old adults during level and incline walking. *Journal of Biomechanics*.

Milner, C., Meardon, S. A., Hawkins, J., & **Willson, J. D.** (2018). Walking velocity and step length adjustments affect knee joint contact forces in healthy weight and obese adults. *Journal of Orthopaedic Research*, 36(10), 2679–2686.

Thorp, J. N., & **Willson, J. D.** (2018). The neck disability index is not correlated with some parameters of temporomandibular disorders: A cross-sectional study. *Journal of Oral & Facial Pain and Headache*.

Almonroeder, T. G., & **Willson, J. D.** (2017). Foot posture, orthoses, and patellofemoral pain. *Lower Extremity Review*.

Barrios, J. A., & **Willson, J. D.** (2017). Minimum detectable change in medial tibiofemoral contact force parameters: Derivation and application to a load-altering intervention. *Journal of Applied Biomechanics*, 33(2), 171–175.

Bowersock, C. D., Willy, R. W., DeVita, P., & **Willson, J. D.** (2017). Reduced step length reduces knee joint contact forces during running following anterior cruciate ligament reconstruction but does not alter inter-limb asymmetry. *Clinical Biomechanics*, 10(43), 79–85.

Esculier, J. F., Willy, R. W., Baggaley, M., Meardon, S. A., & **Willson, J. D.** (2017). Sex-specific kinetic and kinematic indicators of medial tibiofemoral force during walking and running. *Knee*, *24*(6), 1317–1325.

McDonnell, J., **Willson, J. D.**, Zwetsloot, K. A., Houmard, J., & DeVita, P. (2017). Gait biomechanics of skipping are substantially different than those of running. *Journal of Biomechanics*, *64*, 180–185.