

Publications (July 1, 2020 – June 30, 2021)

Refereed Publications

1. Arhos, E. K., Thoma, L. M., Grindem, H., Logerstedt, D., Risberg, M. A., & Snyder-Mackler, L. (2020). Association of quadriceps strength symmetry and surgical status with clinical osteoarthritis 5 years after anterior cruciate ligament rupture. *Arthritis Care & Research*. <https://doi.org/10.1002/acr.24479>
2. Awad, L. N., Lewek, M. D., Kesar, T. M., Franz, J. R., & Bowden, M. G. (2020). These legs were made for propulsion: Advancing the diagnosis and treatment of post-stroke propulsion deficits. *Journal of Neuroengineering and Rehabilitation*, 17(1), 139. <https://doi.org/10.1186/s12984-020-00747-6>
3. Benson-Goldberg, S. & Erickson, K. (2021). Eye-trackers, digital-libraries, and print-referencing: A single case study in CDKL5. *Research in Developmental Disabilities*, 112. <https://doi.org/10.1016/j.ridd.2021.103913>
4. Benson-Goldberg, S. & Erickson, K. (2020). Graphic symbols: Improving or impeding comprehension of the Communication Bill of Rights? *Assistive Technology Outcomes and Benefits*, 14. <https://www.atia.org/wp-content/uploads/2020/06/ATOB-V14-A1-Benson-GoldbergErickson.pdf>
5. Blaskowitz, M. G., Johnson, K. R., Bergfelt, T., & Mahoney, W. J. (2021). Evidence to inform occupational therapy intervention with adults with intellectual disability: A scoping review. *The American Journal of Occupational Therapy*, 75(3), 7503180010p1. <https://doi.org/10.5014/ajot.2021.043562>
6. Cali, R. J., Nephew, B. C., Moore, C. M., Chumachenko, S., Sala, A. C., Cintron, B., ... & Cruz-Correa, M. (2020). Altered resting state brain networks and cognition in familial adenomatous polyposis. *medRxiv*, doi: 10.1101/2020.11.02.20224477. Preprint.PMID: 33173924
7. Campbell, H., Check, J., Kuban, K. C. K., Leviton, A., Joseph, R. M., Frazier, J. A., Douglass, L. M., Roell, K., Allred, E. N., Fordham, L. A., Hooper, S. R., Jara, H., Paneth, N., Mokrova, I., Ru, H., Santos, H. P., Fry, R. C., & O'Shea, T. M. (2021). Neonatal cranial ultrasound findings among infants born extremely preterm: Associations with neurodevelopmental outcomes at 10 years of age. *The Journal of Pediatrics*. <https://doi.org/10.1016/j.jpeds.2021.05.059>
8. Carroll, A., Chan, D., Thorpe, D., Levin, I., & Bagatell, N. (2021). A life course perspective on growing older with cerebral palsy. *Qualitative Health Research*, 31(4), 654–664. <https://doi.org/10.1177/1049732320971247>

9. Carroll, A., & Bagatell, N. (2021). A two caregiver-implemented intervention using occupation-centered coaching. *Journal of Occupational Therapy, Schools, & Early Intervention*, 1–16. <https://doi.org/10.1080/19411243.2021.1934231>
10. Chan, D. V., Klinger, M. R., Adkisson, K. A., & Klinger, L. G. (2021). Examining environmental predictors of community participation for adults with autism spectrum disorder using Geographic Information Systems (GIS). *Journal of Autism and Developmental Disorders*, 51(7), 2531–2537. <https://doi.org/10.1007/s10803-020-04660-8>
11. Chan, D. V., Adam, M., & Sucharita, G. (2021). Applying environmental context to rehabilitation research using Geographic Information Systems and Global Positioning Systems geospatial technologies. *Rehabilitation Research, Policy, and Education*, 35(1), 33-50. <https://doi.org/10.1891/RE-19-39>
12. Chawla, G., Hoppe, M., Browner, N., & Lewek, M. D. (2020). Individuals with Parkinson's disease retain spatiotemporal gait control with music and metronome cues. *Motor Control*, 25(1), 33–43. <https://doi.org/10.1123/mc.2020-0038>
13. Coleman, G., White, D. K., Thoma, L. M., Mathews, D., Christiansen, M. B., Schmitt, L. A., Jakiela, J. T., & Master, H. (2021). Does a physical therapist-administered physical activity intervention reduce sedentary time after total knee replacement: An exploratory study? *Musculoskeletal Care*, 19(1), 142–145. <https://doi.org/10.1002/msc.1517>
14. Conway, K. A., Crudup, K. L., Lewek, M. D., & Franz, J. R. (2021). Effects of horizontal impeding force gait training on older adult push-off intensity. *Medicine and Science in Sports and Exercise*, 53(3), 574–580. <https://doi.org/10.1249/MSS.0000000000002500>
15. Crais, E. (2021). Early identification of young children with ASD and other developmental disabilities: Areas for improvement. *Medical Research Archives*, 9(5). <https://doi.org/10.18103/mra.v9i5.2402>
16. Crais, E., McComish, C., Kertcher, E., Hooper, S., Pretzel, R., Mendez, L., & Villalobos, M. (2020). Autism spectrum disorder identification, diagnosis, and navigation to services: Learning from the voices of caregivers. *Focus on Autism and Other Developmental Disabilities*, 35(4) 246–256.
17. Cruz-Correa, M. R., Sala, A. C., Cintrón, B., Hernández, J., Olivera, M., Cora, A., Moore, C. M., Luciano, C. A., Soto-Salgado, M., Giardiello, F. M., & Hooper, S. R. (2020). Ubiquitous neurocognitive dysfunction in familial

adenomatous polyposis: Proof-of-concept of the role of APC protein in neurocognitive function. *Hereditary Cancer in Clinical Practice*, 18, 4. <https://doi.org/10.1186/s13053-020-0135-3>

18. Davies, R. W., Fiksinski, A. M., Breetvelt, E. J., Williams, N. M., Hooper, S. R., Monfeuga, T., Bassett, A. S., Owen, M. J., Gur, R. E., Morrow, B. E., McDonald-McGinn, D. M., Swillen, A., Chow, E. W. C., van den Bree, M., Emanuel, B. S., Vermeesch, J. R., van Amelsvoort, T., Arango, C., Armando, M., ... Vorstman, J. A. S. (2020). Using common genetic variation to examine phenotypic expression and risk prediction in 22q11.2 deletion syndrome. *Nature Medicine*, 26(12), 1912–1918. <https://doi.org/10.1038/s41591-020-1103-1>
19. DaWalt, L. S., Taylor, J. L., Bishop, S., Hall, L. J., Steinbrenner, J. D., Kraemer, B., ... & Odom, S. L. (2020). Sex differences in social participation of high school students with autism spectrum disorder. *Autism Research*, 13(12), 2155-2163. <https://doi.org/10.1002/aur.2348>
20. Dean, K., & Grose, J. H. (2020). The binaural interaction component of the auditory brainstem response under precedence effect conditions. *Trends in Hearing*, 24, 2331216520946133. <https://doi.org/10.1177/2331216520946133>
21. Díaz-González de Ferris, M. E., Pierce, C. B., Gipson, D. S., Furth, S. L., Warady, B. A., Hooper, S. R., & Authoring group for the CKiD Study. (2021). Health-related quality of life in children with chronic kidney disease is affected by the number of medications. *Pediatric Nephrology*, 36(5), 1307–1310. <https://doi.org/10.1007/s00467-021-04919-x>
22. Faust, A. M., Ahmed, S. N., Johnston, L. B., & Harmon, J. B. (2021). Teaching methodologies for improving dental students' implementation of ergonomic operator and patient positioning. *Journal of Dental Education*, 85(3), 370–378. <https://doi.org/10.1002/jdd.12438>
23. Fiksinski, A. M., Bearden, C. E., Bassett, A. S., Kahn, R. S., Zinkstok, J. R., Hooper, S. R., Tempelaar, W., 22q11DS International Consortium on Brain and Behavior, Vorstman, J. A. S., & Breetvelt, E. J. (2021). A normative chart for cognitive development in a genetically selected population. *Neuropsychopharmacology*. <https://doi.org/10.1038/s41386-021-00988-6>
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25. Fox, K. R., Gulin, S. L., Bruschwein, H. M., Rose, T., Burker, E. J., Kozlowski, T., & Loisel, M. M. (2021). The effect of psychiatric history on pain and related outcomes among living kidney donors. *Progress in Transplantation*, 31(2), 108–116. <https://doi.org/10.1177/15269248211002809>
26. Fraiser K, Burker E, & Chan DV. (2021). Tablet therapy as an assistive technology-based treatment for anxiety in pediatric oncology. *Assistive Technology: The Official Journal of RESNA*, 1–10. Advance online publication. <https://doi.org/10.1080/10400435.2021.1884919>
27. Fylstra, B. L., Lee, I.-C., Huang, S., Brandt, A., Lewek, M. D., & Huang, H. H. (2020). Human-prosthesis coordination: A preliminary study exploring coordination with a powered ankle-foot prosthesis. *Clinical Biomechanics*, 80, 105171. <https://doi.org/10.1016/j.clinbiomech.2020.105171>
28. Geist, L. Erickson, K., Greer, C., & Hatch, P. (2021). Initial evaluation of the Project Core implementation model. *Assistive Technology Outcomes and Benefits*, 15, 29-47.
29. Geist, L., & Erickson, K. (2021). Robust receptive vocabulary instruction for students with significant cognitive disabilities who use AAC. *TEACHING Exceptional Children*, 1-9. <https://doi.org/10.1177/00400599211018836>.
30. Griffin, S. C., Eshera, Y. M., & Burker, E. J. (2021). Mental health and demographic correlates of loneliness after left ventricular assist device implantation. *The International Journal of Artificial Organs*, 391398821997840. Advance online publication. <https://doi.org/10.1177/0391398821997840>
31. Gustafson, S. J., Grose, J., & Buss, E. (2020). Perceptual organization and stability of auditory streaming for pure tones and /ba/ stimuli. *The Journal of the Acoustical Society of America*, 148(2), EL159. <https://doi.org/10.1121/10.0001744>
32. Haley, K. L., Cunningham, K. T., Jacks, A., Richardson, J. D., Harmon, T., & Turkeltaub, P. E. (2021). Repeated word production is inconsistent in both aphasia and apraxia of speech. *Aphasiology*, 35, 518–535. <https://doi.org/10.1080/02687038.2020.1727837>
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37. Harrop C, Bal V, Carpenter K, & Halladay A. 2021. A lost generation? The impact of the COVID-19 pandemic on early career ASD researchers. *Autism Res.* 14(6): 1078-1087
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39. Hart LC, Díaz-González de Ferris M, Nazareth M, Faldowski RA, Rak E, Hooper SR, Ndugga M, van Tilburg MAL. (2021). Evaluation of the TRxANSITION Index-Parent Version for assessment of readiness to transition to adult care among youth with chronic conditions. *J Pediatr Nurs.* May-Jun;58:1-8. doi: 10.1016/j.pedn.2020.08.010. Epub 2020 Dec 2. PMID: 33278706
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42. Hooper, S. R., Johnson, R. J., Gerson, A. C., Lande, M. B., Shinnar, S., Harshman, L. A., Kogon, A. J., Matheson, M., Bartosh, S., Carlson, J., Warady, B. A., & Furth, S. L. (2021). Overview of the findings and advances in the neurocognitive and psychosocial functioning of mild to moderate pediatric CKD: Perspectives from the Chronic Kidney Disease in Children (CKiD) cohort study. *Pediatric Nephrology*. <https://doi.org/10.1007/s00467-021-05158-w>
43. Jacks A, Fromm D, Oddone E, Minga JM (2020). Questions as a marker of communication deviance after right hemisphere brain damage (2020 BIRCHWH Poster Abstracts). *Journal of Women's Health*, 29(12), A-4.
44. Johnson, K. R., & Lavalley, R. (2020). From racialized think-pieces toward anti-racist praxis in our science, education, and practice. *Journal of Occupational Science*, 1–6. <https://doi.org/10.1080/14427591.2020.1847598>
45. Johnson, R. J., Gerson, A. C., Harshman, L. A., Matheson, M. B., Shinnar, S., Lande, M. B., Kogon, A., Gipson, D. S., Warady, B. A., Furth, S. L., & Hooper, S. R. (2020). A longitudinal examination of parent-reported emotional-behavioral functioning of children with mild to moderate chronic kidney disease. *Pediatric Nephrology*, 35(7), 1287–1295. <https://doi.org/10.1007/s00467-020-04511-9>
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62. Master, H., Neogi, T., Callahan, L. F., Nelson, A. E., LaValley, M., Cleveland, R. J., Golightly, Y. M., Thoma, L. M., Zhang, Y., Voinier, D., Christiansen, M. B., Jakiela, J. T., Nevitt, M., Lewis, C. E., Frey-Law, L. A., & White, D. K. (2020). The association between walking speed from short- and standard-distance tests with the risk of all-cause mortality among adults with radiographic knee osteoarthritis: data from three large United States cohort studies. *Osteoarthritis and Cartilage*, 28(12), 1551–1558. <https://doi.org/10.1016/j.joca.2020.08.009>
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