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Associate Professor
Dept. of Educational Psychology, Leadership, and Counseling, Texas Tech University
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I. EDUCATION

Ph.D.	05/2009	University of Kansas	Quantitative Psychology
M.S.	08/2003	Western Illinois University	Experimental Psychology
B.A.	02/2001	Sungkyunkwan University	Industrial & Organizational Psychology

II. PROFESSIONAL EMPLOYMENT

Current:

Associate Professor	09/2020–present	Dept. of Educational Psychology, Leadership, and Counseling, Texas Tech University
Adjunct Associate Professor	09/2020–present	Menninger Dept. of Psychiatry and Behavioral Sciences, Baylor College of Medicine
Faculty Associate	01/2018–present	Center of Excellence for Integrative Health, Texas Tech University Health Science Center

Past:

Assistant Professor	09/2016–08/2020	Dept. of Educational Psychology, Leadership, and Counseling, Texas Tech University
Co-director & Research Associate Professor	01/2014–08/2019	Institute for Measurement, Methodology, Analysis and Policy, Texas Tech University
Post-doctoral Fellow	07/2009–12/2013	Center for Research Methods and Data Analysis, University of Kansas; Energy Balance Laboratory, University of Kansas Medical Center

III. HONRS & AWARDS

- Chancellor's Council Distinguished Research Award, Texas Tech University, 2022.
- President's Academic Achievement Award, Texas Tech University, 2022.
- Barnie E. Rushing Jr. Faculty Distinguished Research Award, Texas Tech University, 2021.

IV. PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES

2025 & In Press:

1. Awuonda, K., Jung, K.-H., **Lee, J.**, Song, W., & Atieno, S. (in press). Investigating burnout among higher education students in Kenya: Factorial structure, validity, and reliability of the Maslach Burnout Inventory-Student Survey. *Journal of Educational Research and Practice*.
2. Feng, J., Choong, X.-P., Woi, P.-J., Chai, S.-C., Quar, T.-K., **Lee, J.**, & Chu, S.-Y. (in press). Speech-language telehealth services during COVID-19 lockdown: Perspectives from parents in Malaysia. *International Journal of Telerehabilitation*.

3. **Lee, J.**, Yi, M., Song, W., Dwyer, J., Williams, B., & Moskal, B. (in press). Revised Calculus Concept Inventory: Measuring the learning gains of students in a first calculus course. *International Journal of Research in Undergraduate Mathematics Education*.

2024:

4. Assimonye, S., **Lee, J.**, Smith, S., Glenn, J., Kennedy, M., & Ramaswamy, M. (2024). Understanding the changing social and health circumstances of women leaving jail: A social bonds analysis. *Women & Criminal Justice*, 34(5), 385–399.
5. Bagwell-Gray, M. E., Garcia-Hallett, J., **Lee, J.**, Kepple, N. J., Sisson, M., Comfort, M., & Ramaswamy, M. (2024). Black women's physical, mental, and sexual health in the criminal legal system: Influences of victimization, healthcare access, and living conditions. *Affilia: Feminist Inquiry in Social Work*, 39(1), 128–147.
6. Blair, B., **Lee, J.**, Kim, S., Griffin-Shirley, N., Bozeman, L., Nguyen, T., Yeo, J. & Delcambre, L. (2024). Attitudinal survey about blind O&M instructors. *Vision Rehabilitation International*, 15(1), 1–12.
7. Guo, L., Wang, J., **Lee, J.**, & Lesley, M. (2024). Examining the differentiated impacts of balanced literacy: An analysis of reading comprehension skills. *Reading & Writing Quarterly*, 40(3), 236–250.
8. Kim, S., Moon, H., Lee, S., & **Lee, J.** (2024). From skepticism to acceptance: Exploring the evolution of perception towards online medical education through social media analysis. *American Journal of Clinical Medicine Research*, 377, 117.
9. Ko, E., Shamsalizadeh, N., **Lee, J.**, & Ping, N. (2024). Ethical dilemmas among oncology nurses in China: Cross-sectional study. *Asian/Pacific Island Nursing Journal*, 8, e63006.
10. Lee, S.-A., **Lee, J.**, & Davis, B. L. (2024). Revisiting frequencies of phonological sound classes in speech input: Change over time in child-directed speech. *Journal of Child Language*, 51(3), 550–572.
11. O'Brien, B., **Lee, J.**, Kim, S., Nandra, G. S., Pannu, P., Tamman, A., Amarneh, D., Swann, A. C., Murphy, N., Averill, L., Jha, M., & Mathew, S. J. (2024). Anti-suicidal effects of IV ketamine in a real-world setting. *Psychiatry Research*, 331, 115604.
12. Ong, Y.-Q., Hasmi, N.-N., **Lee, J.**, Hamzah, D.-A., Unicomb, R., & Chu, S.-Y. (2024). Awareness and knowledge of stuttering among Malaysian school-age children: An exploratory study. *Folia Phoniatrica et Logopaedica*, 76(4), 398–410.
13. Ong, Y.-Q., **Lee, J.**, Chu, S.-Y., Chui, C.-S., Beng, G.-K., Norlinah, M.-I., & Barlow, S. M. (2024). Oral-diadochokinesis between Parkinson's disease and neurotypical elderly among Malaysian-Malay speakers. *International Journal of Language & Communication Disorders*, 59(5), 1701–1714.
14. Ong, Y.-Q., Lim, A., Park, H.-R., Harrison, E., McConnell, G., **Lee, J.**, Ng, L.-S., & Chu, S.-Y. (2024). Attitudes of Malaysian speech-language pathologists and speech-language pathology students toward stuttering. *Folia Phoniatrica et Logopaedica*, 76(4), 386–397.
15. Ong, Y.-Q., Zakaria, N.-Z., **Lee, J.**, Gan, C.-H., Chai, S.-C., Fierro, V., Hassan, F.-H., & Chu, S.-Y. (2024). The relationship between self-stigma, basic and instrumental activities of daily living, and communication participation among individuals with Parkinson's disease. *SAGE Open*, 14(4).
16. Ptomey, L. T., Washburn, R. A., **Lee, J.**, Sherman, J. R., Rice, A. M., Danon, J. C., White, D. A., Szabo-Reed, A. N., Helsel, B. C., Donnelly, J. E. (2024). An individual vs parent supported physical activity intervention in adolescents with intellectual disabilities. *Medicine & Science in Sports & Exercise*, 56(12), 2256–2266.
17. Wheeler, K., Hixson, J., Hamrick, J., **Lee, J.**, & Ratliff, C. (2024). Behavior analysts' training and practice regarding trauma-informed care. *Behavior Analysis in Practice*, 17, 746–758.

2023:

18. Awuonda, K., Jung, K., & **Lee, J.** (2023). Teachers' perceptions of competency-based curriculum implementation, and government support: A mixed methods study on grade 1-5 teachers in Homabay County, Kenya. *Journal of Education and Practice*, 14(9), 61–77.

19. Barlow, S. M., Liao, C., **Lee, J.**, Kim, S., Maron, J. L., Song, D., Jegatheesan, P., Govindaswami, B., Wilson, B. J., Bhakta, K., & Cleary, J. P. (2023). Spectral features of non-nutritive suck dynamics in extremely preterm infants. *Pediatric Medicine*, 6, 23.
20. Carter, S., Noble, N., **Lee, J.**, Li, X., & Crews, C. (2023). Acceptability of active shooter prevention strategies on college and university campuses. *Journal of Prevention*, 44(2), 165–179.
21. Chu, S.-Y., Rafi, A. B. M., **Lee, J.**, Fierro, V., Gan, C.-H., Joginder Singh, S., Hersh, D., & Lin, L.-Y. (2023). The relationship between affiliate stigma, stress and quality of life for parents of individuals with cerebral palsy in Malaysia. *Disability and Rehabilitation*, 45(24), 4035–4047.
22. Chu, S.-Y., **Lee, J.**, Wong, W.-Y., Gan, C.-H., Fierro, V., & Hersh, D. (2023). Knowledge mediates attitude in Autism spectrum disorders? Data from Malaysia. *International Journal of Developmental Disabilities*, 26(4), 568–577.
23. Gibson, C. A., Gupta, A., Naik, A., Sullivan, D. K., Doshi, M., Backes, J., Harvey, S., **Lee, J.**, Mount, R., Valentine, H., & Shaffer, K. (2023). Developing a healthy lifestyle program for recent kidney transplant recipients. *Progress in Transplantation*, 33(3), 193–200.
24. Kennedy, P., Ratnaparkhi, R., **Lee, J.**, Glenn, J. E., Kelly, P. J., Kimminau, K. S., Assimonye, S., & Ramaswamy, M. (2023). Case example of a jail-based cancer prevention clinical trial: Social determinants of health framework, novel experimental design, and retention strategies to facilitate long-term follow-up of clinical trial participants. *Journal of Clinical and Translational Science*, 7, e163.
25. Montelongo, M., **Lee, J.**, Poa, E., Boland, R., Rufino, K. A., Patriquin, M., & Oh, H. (2023). A next-generation approach to mental health outcomes: Treatment, time, and trajectories. *Journal of Psychiatric Research*, 158, 172–179.
26. O'Brien, B., **Lee, J.**, Kim, S., Nandra, G. S., Pannu, P., Swann, A. C., Murphy, N., Tamman, A. J. F., Amarneh, D., Lijffijt, M., Averill, L. A., & Mathew, S. J. (2023). Replication of distinct trajectories of antidepressant response to intravenous ketamine. *Journal of Affective Disorders*, 321, 140–146.
27. Oh, H., **Lee, J.**, Patriquin, M. A., Oldham, J. M., & Salas, R. (2023). Reward processing in psychiatric inpatients with depression. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 8(7), 731–740.
28. Pandey, Y., **Lee, J.**, Banda, D., Griffin-Shirley, N., Nguyen, T., & Othun, V. (2023). A survey of mobile app use among university students with visual impairment in India. *British Journal of Visual Impairment*, 41(3), 675–686.
29. Park, H.-R., Moon, H., Kim, Y.-S., Karkar Esperat, T.-M., & **Lee, J.** (2023). A meta-analysis on adjustment difficulties in siblings of children with and without autism spectrum disorder. *International Journal of Special Education*, 38(1), 16–33.
30. Shepard, C. A., Rufino, K. A., **Lee, J.**, Tran, T., Paddock, K., Wu, C., Oldham, J. M., Mathew, S. J., & Patriquin, M. A. (2023). Nighttime sleep quality and daytime sleepiness predicts suicide risk in adults admitted to an inpatient psychiatric hospital. *Behavioral Sleep Medicine*, 21(2), 129–141.

2022:

31. Al-hihi, E. M., Gibson, C. A., **Lee, J.**, Mount, R. R., Irani, N., & McGowan, C. (2022). Improving appropriate imaging for non-specific low back pain. *BMJ Open Quality*, 11, e001539.
32. Arensberg, L. C., Kalender-Rich, J., **Lee, J.**, & Gibson, C. A. (2022). Millennials seeking healthcare: Examining the degree to which patients utilize online resources. *Kansas Journal of Medicine*, 15, 347–351.
33. Backes, J. M., Gibson, C. A., Mount, R. R., & **Lee, J.** (2022). Identifying patient perceptions and attitudes regarding statin-associated diabetes mellitus. *Future Cardiology*, 18(10), 817–828.
34. Binti Mohamad Ismail, F.-N., Chu, S.-Y., Gan, K.-B., Park, H.-R., **Lee, J.**, Barlow, S. M., & A. Razak, R. (2022). Speech performance among healthy Malay female speakers during dual-task and sentence complexity. *Folia Phoniatrica et Logopaedica*, 74, 112–121.
35. Carter, S., Crews, C., **Lee, J.**, Noble, N., & Li, X. (2022). Acceptability of school shooting prevention procedures among parents. *The Journal of Primary Prevention*, 43, 359–374.
36. Chu, S.-Y., Unicomb, R., **Lee, J.**, Cho, K.-S., St. Louis, K. O., & Harrison, E. (2022). Public attitudes toward stuttering in Malaysia. *Journal of Fluency Disorders*, 74, 105942.

37. Froehlich-Grobe, K., **Lee, J.**, Ochoa, C., Lopez, A. M., Sarker, E., Driver, S., Shegog, R., & Lin, S.-J. (2022). Effectiveness and feasibility of the Workout on Wheels Internet Intervention (WOWii) for individuals with spinal cord injury: A randomized controlled trial. *Spinal Cord*, 60, 862–874.
38. Gibson, C. A., Harvey, S. P., Valentine, H., Landfried, L., & **Lee, J.** (2022). Food insecurity and health-related quality of life among SNAP nutrition incentive participants. *Journal of Hunger & Environmental Nutrition*, 17(4), 540–552.
39. Kim, J.-H., **Lee, J.**, Richardson, T. V., Lee, D.-H., McMahon, B. T., Kim, H., & Sametz, R. R. (2022). Psychometric validation of Adapted Inventory of Virtues and Strengths. *Rehabilitation Counseling Bulletin*, 65(4), 322–334.
40. Kim, S.-Y., **Lee, J.**, & Boone, D. (2022). Protective and risk factors at the intersection of chronic pain, depression, anxiety, and somatic amplification: A latent profile approach. *Journal of Pain Research*, 15, 1107–1121.
41. Molina, A. H., Harvey, J., Pitt, K. M., **Lee, J.**, & Barlow, S. M. (2022). Effects of real-time iEMG biofeedback on facial muscle activation patterns in a child with congenital unilateral facial palsy. *Biomedical Journal of Scientific & Technical Research*, 47(1), 38074–38088.
42. Moon, H., Cheon, J., **Lee, J.**, Banda, D. R., Griffin-Shirley, N., & Ajuwon, P. M. (2022). Factors influencing the intention of persons with visual impairment to adopt mobile applications based on the UTAUT model. *Universal Access in the Information Society*, 21(1), 93–107.
43. Park, S., Kim, S., **Lee, J.**, & Heo, B. (2022). Evolving norms: Social media data analysis on parks and greenspaces perception changes before and after the COVID 19 pandemic using a machine learning approach. *Scientific Reports*, 12, 13246
44. Ptomey, L. T., Helsel, B. C., White, D. A., **Lee, J.**, Sherman, J. R., Washburn, R. A., Gorczyca, A. M., & Donnelly, J. E. (2022). Intrapersonal, interpersonal and environmental correlates of moderate to vigorous physical activity and sedentary time in adolescents with intellectual and developmental disabilities. *Journal of Intellectual Disability Research*, 66(6), 503–516.
45. Ptomey, L. T., **Lee, J.**, White, D. A., Helsel, B. C., Washburn, R. A., & Donnelly, J. E. (2022). Changes in physical activity across a 6-month weight loss intervention in adolescents with intellectual and developmental disabilities. *Journal of Intellectual Disability Research*, 66(6), 545–557.
46. Sandfort, E. C., **Lee, J.**, Hozan, M., Greenwood, J., & Barlow, S. M. (2022). Orofacial and digit force dynamics in neurotypical children. *Biomedical Journal Scientific Technical Research*, 44(3), 35478–35490.
47. Salyer, C., **Lee, J.**, Lorvick, J., Comfort, M., Cropsey, K., Smith, S., Emerson, A., & Ramaswamy, M. (2022). Cervical cancer prevention behaviors among criminal-legal involved women from three U.S. cities. *Journal of Women's Health*, 31(4), 533–545.
48. Shen, C.-L., Watkins, B. A., Kahathuduwa, C., Chyu, M.-C., Zabet-Moghaddam, M., Elmassry, M. M., Luk, H.-Y., Brismee, J.-M., Knox, A., **Lee, J.**, Zumwalt, M., Wang, R., Wager, T. D., & Neugebauer, V. (2022). Tai Chi improves brain functional connectivity and plasma lysophosphatidylcholines in postmenopausal women with knee osteoarthritis: An exploratory pilot study. *Frontiers in Medicine*, 8, 775344.
49. Smith, P., **Lee, J.**, & Chang, R. (2022). Characterizing competing tensions in Black immigrant literacies: Beyond partial representations of success. *Reading Research Quarterly*, 57(1), 59–90.
50. Yi, M., Wang, J., Flores, R., & **Lee, J.** (2022). Measuring preservice elementary teachers' geometry knowledge for teaching 2-dimensional shapes. *Eurasia Journal of Mathematics, Science and Technology Education*, 18(8), 2137.

2021

51. Alsayedhassan, B., **Lee, J.**, Banda, D., Kim, Y., & Griffin-Shirley, N. (2021). Practitioners' perceptions of the picture exchange communication system for children with autism. *Disability and Rehabilitation*, 43(2), 211–216.
52. Chu, S.-Y., Foong, J.-H., **Lee, J.**, Ben-David, B., Barlow, S. M., & Hsu, C. (2021). Oral-DDK rates across languages: Multilingual speakers comparison. *International Journal of Language & Communication Disorders*, 56, 5, 1026–1036.

53. Chu, S.-Y., **Lee, J.**, Barlow, S. M., Ben-David, B., Lim, K.-X., & Foong, J.-H. (2021). Oral-diadochokinetic rates among healthy Malaysian-Mandarin speakers: A cross linguistic comparison. *International Journal of Speech-Language Pathology*, 23(4), 419–429.
54. Griffin-Shirley, N., Bozeman, L., Nguyen, T., Othun, V., & Page A., Hahm, J., Hahm, J., & **Lee, J.**, (2021). A survey of blind orientation and mobility specialists about the accommodations and teaching strategies they use when providing orientation and mobility services. *Vision Impairment & Blindness*, 115(3), 190–203.
55. Jung, K., Nguyen, V. T., & **Lee, J.** (2021). BlocklyXR: An interactive extended reality toolkit for digital storytelling. *Applied Sciences*, 11, 1073.
56. **Lee, J.**, Strong, M., Hamman, D., & Zeng, Y. (2021). Measuring teacher buy-in for the Texas pay-for-performance program. *Frontiers in Education*, 6, 729821.
57. Lim, L., Zimring, C. M., DuBose, J. R., **Lee, J.**, Stroebel, R. J., & Matthews, M. R. (2021). Designing for effective and safe multidisciplinary primary care teamwork: Using the time of COVID-19 as a case study. *International Journal of Environmental Research and Public Health*, 18, 8758.
58. Mihandoust, S., Pati, D., **Lee, J.**, & Roney, J. (2021). Exploring the relationship between perceived visual access to nature and nurse burnout. *Health Environments Research & Design Journal*, 14(3), 258–273.
59. O'Brien, B., Lijffijt, M., **Lee, J.**, Kim, Y., Wells, A., Murphy, N., Ramakrishnan, N., Swann, A. C., & Mathew, S. J. (2021). Distinct trajectories of antidepressant response to intravenous ketamine. *Journal of Affective Disorders*, 286, 320–329.
60. Pati, D., Valipoor, S., Cloutier, A., Yang, J., Freier, P., Harvey, T. E., & **Lee, J.** (2021). Physical design factors contributing to patient falls. *Journal of Patient Safety*, 17(3), e135–e142.
61. Sandfort, E. C., **Lee, J.**, Greenwood, J., & Barlow, S. M. (2021). Vibrotactile sensitivity of the glabrous hand and perioral face in neurotypical children and adults. *Biomedical Journal of Scientific & Technical Research*, 35(5), 28035–28046.

2020:

62. Aryaie, A., Tinsley, G., **Lee, J.**, Watkins, B. A., Moore, L., Alhaj-Saleh, A., Shankar, K., Wood, S., Wang, R., & Shen, C.-L. (2020). Actions of annatto-extracted tocotrienol supplementation on obese postmenopausal women: Study protocol for a double-blinded placebo-controlled randomized trial. *British Medical Journal Open*, 10(3), e034338.
63. Barlow, S. M., Custead, R., **Lee, J.**, Hozan, M., & Greenwood, J. (2020). Wireless sensing of lower lip and thumb-index finger 'ramp-and-hold' isometric force dynamics in unilateral MCA stroke. *Sensors*, 20(4), 1221.
64. Chu, S.-Y., Barlow, S. M., **Lee, J.**, & Wang, J. (2020). Effects of utterance rate and length on the spatiotemporal index in Parkinson's disease. *International Journal of Speech-Language Pathology*, 22(2), 141–151.
65. Chu, S.-Y., Park, H.-R., **Lee, J.**, Shaharuddin, K., & Gan, C. (2020). Self-stigma and its associations with stress and quality of life among Malaysian parents of children with autism. *Child: Care, Health and Development*, 46(4), 485–494.
66. Chu, S.-Y., Sakai, N., **Lee, J.**, Harrison, E., Tang, K.-P., & Mori, K. (2020). Comparison of social anxiety between Japanese adults who stutter and nonstuttering controls. *Journal of Fluency Disorders*, 65, 105767.
67. Claiborn, J. M., Dozier, T. H., Hart, L. S., & **Lee, J.** (2020). Self-identified misophonia phenomenology, impact, and clinical correlates. *Psychological Thought*, 13(2), 349–375.
68. Emerson, A. M., Smith, S., **Lee, J.**, Kelly, P. J., & Ramaswamy, M. (2020). Effectiveness of a Kansas City, jail-based intervention to improve cervical health literacy and screening, one-year post-intervention. *American Journal of Health Promotion*, 34(1), 87–90.
69. Froehlich-Grobe, K., Betts, A. C., Driver, S., Carlton, D., Lopez, A. M., **Lee, J.**, & Kramer, M. K. (2020). Group Lifestyle Balance Adapted for individuals with Impaired Mobility (GLB-AIM): Outcomes of a six-month randomized controlled trial and combined groups at 12 months. *American Journal of Preventive Medicine*, 59(6), 805–817.

70. Gibson, C. A., Gupta, A., Greene, J. L., **Lee, J.**, Mount, R., & Sullivan, D. K. (2020). Feasibility and acceptability of a televideo physical activity and nutrition program for recent kidney transplant recipients. *Pilot and Feasibility Studies*, 6, 126.
71. Griffin-Shirley, N., **Lee, J.**, Nguyen, T., Othuon, V., & Page A. (2020). Survey-based learning of interns in orientation and mobility program. *Vision Rehabilitation International*, 11(1), 1-6.
72. Hunt, P., Kozleski, E., **Lee, J.**, Mortier, K., Fleming, D., Hicks, T., Balasubramanian, L., Leu, G., Bross, L. A., Munandar, V., Dunlap, K., Stepaniuk, I., Aramburo, C., & Oh, Y. (2020). Implementing comprehensive literacy instruction for students with severe disabilities in general education classrooms. *Exceptional Children*, 86(3), 330–347.
73. Jung, K., Cho, S., **Lee, J.**, Kim, S., & Ryoo, J. (2020). An illustrative application of generalized structured component analysis for brain connectivity research. *Behaviormetrika*, 47(1), 273–289.
74. Kim, S., **Lee, J.**, Wester, S. R., & Fouad, N. (2020). Do “manly” men believe other men are happier? Social comparison, masculine norms, and positive work-family spillover. *Psychology of Men & Masculinity*, 21(2), 251–265.
75. **Lee, J.**, Jung, K., & Park. J. (2020). Detecting conditional dependence using flexible Bayesian latent class analysis. *Frontiers in Psychology*, 11, 1987.
76. Loeb, D. F., Imgrund, C. M., **Lee, J.**, Barlow, S. M. (2020). Language, motor, and cognitive outcomes of toddlers who were born preterm. *American Journal of Speech-Language Pathology*, 29(2), 625–637
77. Min, J., KC, B., Kim, S., & **Lee, J.** (2020). The impact of disasters on a heritage tourist destination: A case of Nepal earthquakes. *Sustainability*, 12, 6115.
78. Oh, H., **Lee, J.**, Gosnell, S. N., Patriquin, M., Kosten, T., & Salas, R. (2020). Orbitofrontal, dorsal striatum, and habenula functional connectivity in psychiatric patients with substance use problems. *Addictive Behaviors*, 108, 106457.
79. Oh, H., **Lee, J.**, Kim, S., Rufino, K. A., Fonagy, P., Oldham, J. M., Schanzer, B., & Patriquin, M. A. (2020). Time in treatment: Examining mental illness trajectories across inpatient psychiatric treatment. *Journal of Psychiatric Research*, 130, 22–30.
80. Park, S., Kim, S., & **Lee, J.** (2020). A pilot study on the relationship between urban green spaces and fine particulate matter. *International Journal of Geospatial and Environmental Research*, 7(1), 3.
81. Pickett, M. L., **Lee, J.**, Brouseeau, D. C., Satterwhite, C., & Ramaswamy, M. (2020). Correlates of sexually transmitted infection testing following women’s release from jail. *Women & Health*, 60(10), 1109–1117.
82. Ptomey, L. T., Szabo-Reed, A. N., Vidoni, E. D., Washburn, R. A., Gorczyca, A. M., Little, T. D., **Lee, J.**, Helsel, B. C., Williams, K. N., & Donnelly, J. E. (2020). A dyadic approach for a remote physical activity intervention in adults with Alzheimer’s disease and their caregivers: Rationale and design for an 18-month randomized trial. *Contemporary Clinical Trials*, 98, 106158.
83. Szabo-Reed, A. N., Washburn, R. A., Greene, J. L., Ptomey, L. T., Gorczyca, A., Lee, R. H., Little, T. D., **Lee, J.**, Honas, J. J., & Donnelly, J. E. (2020). Physical Activity Across the Curriculum (PAAC3): Testing the application of technology delivered classroom physical activity breaks. *Contemporary Clinical Trials*, 90, 105952.
84. Vellers, H. L., Verhein, K. C., Burkholder, A. B., **Lee, J.**, Kim, Y., Lightfoot, J. T., Shi, M., Weinberg, C. R., Sarzynski, M. A., Bouchard, C., & Kleeberger, S. R. (2020). Association between mitochondrial DNA sequence variants and VO2 max trainability. *Medicine & Science in Sports & Exercise*, 52(11), 2303-2309.
85. Washburn, R. A., Szabo-Reed, A. N., Gorczyca, A. M., Sullivan, D. K., Honas, J. J., Mayo, M. S., Krebill, R., Goetz, J. R., Ptomey, L. T., **Lee, J.**, & Donnelly, J. E. (2020). A randomized trial evaluating exercise for the prevention of weight regain. *Obesity*, 29(1), 62–70.

2019:

86. Alsayedhassan, B., Banda, D., **Lee, J.**, Kim, Y., & Griffin-Shirley, N. (2019). A survey of parents’ perceptions of the picture exchange communication system for children with autism spectrum disorders and other developmental disabilities. *Clinical Archives of Communication Disorders*, 4(1), 1–9.

87. Barlow, S. M., Custead, R., & **Lee, J.** (2019). Adaptive vibrotactile threshold estimation of the glabrous hand and perioral face following MCA stroke. *Biomedical Journal of Scientific & Technical Research*, 23(3), 17399–17406.
88. Carter, S. L., Hicks, J., & **Lee, J.** (2019). Examining the acceptability of school shooting prevention strategies among school counselors and other school personnel. *Journal of Counselor Practice*, 10(2), 51–69.
89. Jung, K., **Lee, J.**, Gupta, V., & Cho, G. (2019). Comparison of bootstrap confidence interval methods for GSCA using Monte Carlo simulations. *Frontiers in Psychology*, 10, 2215.
90. Ptomey, L. T., Washburn, R. A., **Lee, J.**, Greene, A. N., Szabo-Reed, A. N., Sherman, J. R., Danon, J. C., Osborne, L. N., Little, T. D., & Donnelly, J. E. (2019). Individual and family-based approaches to increase physical activity in adolescents with intellectual and developmental disabilities: Rationale and design for an 18 month randomized trial. *Contemporary Clinical Trials*, 84, 105817.
91. Smith, P., Kumi-Yeboah, A., Chang, R., **Lee, J.**, & Frazier, P. (2019) Rethinking ‘(under)performance’ for Black English speakers: Beyond achievement to opportunity. *Journal of Black Studies*, 50(6), 528–554.
92. Szabo-Reed, A. N., Willis, E., **Lee, J.**, Hillman, C. H., Washburn, R. A., & Donnelly, J. E. (2019). The influence of classroom physical activity participation and time-on-task on academic achievement. *Translational Journal of the American College of Sports Medicine*, 4(1), 84–95.

2018:

93. Barlow, S. M., Hozan, M., **Lee, J.**, Greenwood, J., Custead, R., Wardyn, B., & Tippin, K. (2018). Orofacial and thumb-index finger ramp-and-hold isometric force dynamics in young neurotypical adults. *Journal of Biomechanics*, 72, 81–89.
94. Harvey, S. P., Lambourne, K., Greene, J. L., Gibson, C. A., **Lee, J.**, Donnelly, J. E. (2018). The effects of physical activity on learning behaviors in elementary school children: A randomized controlled trial. *Contemporary School Psychology*, 22(3), 303–312.
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BOOKS / CHAPTERS

1. Little, T. D., & **Lee, J.** (2015). Factor analysis: Multiple groups. In N. Balakrishnan, B. Everitt, W. Piegorsch, F. Ruggeri, and J. L. Teugels (eds.), *Wiley StatsRef: Statistics Reference Online*. (pp. 1–10). Wiley.
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V. GRANTS & CONTRACTS (total amount / TTU amount (role))

FEDERAL

Current:

1. Characterizing the effects of chronic substance misuse on auditory and vestibular function, Chiao (PI), NIH 1R01DC021301, 07/03/2023–6/30/2028, \$2,418,732/\$157,309 (Co-I).
2. Developing cyber-aerial computing curriculum for improving sky-of-privacy-things education through a modular-based integrated framework, Lim (PI), NSF 2335681, 10/01/2023–09/30/2026, \$299,448/\$299,448 (Co-I).
3. Ginger and the microbiota-gut-brain connection in sciatic pain individuals, Shen (PI), USDA, 04/01/2024–03/31/2027, \$650,00/\$13,989 (Co-I).
4. Innovating and advancing in STEM education, Wahi (PI), ED P031C210026, 10/01/2021–9/30/2026, \$4,783,323/\$227,150 (Co-I).

Completed:

5. A dyadic approach for a remote physical activity intervention in adults with Alzheimer's disease and their caregivers, Donnelly & Ptomey (PIs), NICHD R01AG061187, 09/15/2019–05/31/2024, \$3,635,657/\$95,000 (Co-I).
6. A randomized exercise trial for wheelchair users, Washburn & Froehlich-Grobe (PIs), NICHD R01HD048628, 09/01/2005–06/30/2010, \$2,381,171/\$0 (Co-I).
7. A randomized trial of recommendations for exercise to prevent weight regain, Donnelly (PI), NHLBI R01HL111842, 05/04/2012–04/30/2017, \$2,720,897/\$0 (Co-I).
8. A secondary analysis of the National Longitudinal Transition Study 2: Examining the relationships between expectations, access, and postsecondary life engagement, Morningstar (PI), IES R324A100275, 07/01/2010–06/30/2012, \$656,195/\$0 (Co-I).
9. A virtual reality intervention (Second Life) to improve weight maintenance, Sullivan & Donnelly (PIs), NIDDK R01DK094833, 09/25/2012–06/30/2017, N.A/\$0 (Co-I).
10. Assessing self-determination in the era of evidence-based practices: The development and validation of student and adult measures of self-determination, Wehmeyer (PI), IES R324A130065, 07/01/2013–06/30/2017, \$1,589,610/\$180,134 (Co-I).
11. Center for online learning and students with disabilities, Deshler (PI), OSEP H327U110011, 01/01/2012–12/31/2017, N.A/\$0 (Co-I).
12. Develop a prioritized list of physical design interventions to reduce patient falls, Pati (PI), AHRQ R03HS025021, 09/01/2016–07/31/2017, \$99,905/\$99,905 (Co-PI).
13. Development and validation of the Supports Intensity Scale for children, Hughes (PI), IES R324A120407, 07/01/2011–06/30/2015, \$1,593,560/\$46,446 (Co-I).
14. Engaging in STEM, Biggers (PI), ED P031C160244, 10/01/2016–09/30/2021, \$4,915,613/\$250,000 (Co-I).
15. Engaging students: The path to STEM success, Capps (PI), ED P031C160219, 10/01/2016–09/30/2021, \$3,800,750/\$250,000 (Co-I).
16. Equivalent weight loss for phone and clinic weight management programs, Donnelly (PI), NIDDK R01DK076063, 04/01/2007–03/31/2012, \$2,746,645/\$0 (Co-I).
17. Exposure to violence and subsequent weapons use: Mediating and moderating processes, Huesmann (PI), NICHD R01HD084652, 07/01/2016–4/30/2021, \$2,077,631/\$64,394 (Co-I).
18. Factors contributing to academic, social/communication, and behavioral outcomes for elementary students with the most significant cognitive disabilities, Kurth (PI), IES R324A180024, 07/01/2018–06/30/2019, \$1,399,809/\$3,000 (Co-I).
19. Identifying and examining micro physical environment factors contributing to patient falls, Pati (PI), 09/2013–05/2015, NPSF, \$99,993/\$99,993 (Co-I).
20. Implementing an emergent literacy curriculum for students with intellectual disabilities in general education classrooms, Hunt (PI), IES R324A150021, 09/01/2015–08/31/2018, \$2,750,321/ \$244,283 (Co-I).

21. Individual and family based approaches to increase physical activity in adolescents with IDD, Donnelly & Ptomey (PIs), NICHD R01HD094704, 07/26/2018–05/31/2023, \$2,484,834/\$1112,500 (Co-I).
22. Kansas-Missouri Nutrition Incentive Collaborative Program, Martin (PI), USDA 2016-70025-25249, 05/31/2016–5/30/2019, \$320,000/\$23,323 (Co-I).
23. Kansas-Missouri Nutrition Incentive Collaborative Program, Gibson (PI), USDA, 10/01/2020–09/30/2024, \$710,415/\$10,000 (Co-I).
24. Localized mHealth approach to boosting COVID-19 testing and vaccine literacy, access, and uptake among women with criminal legal system involvement, Ramaswamy (PI), NIMHD U01MD017415, 01/01/2022–11/30/2023, \$2,458,129/\$48,199 (Co-I).
25. Medication development for the treatment of alcohol use disorder, Bergeson & Shen (PIs), NIAAA U01AA028957, 09/20/2020-08/31/2025, \$7,251,682/\$138,025 (Co-I).
26. Panhandle pipeline (P2): Assessing the impact of mandatory vs. self-selected structured activities on STEM undergraduate student success, Biggers (PI), NSF 1644179, 07/15/2017–6/30/2022, \$3,133,845/\$60,000 (Co-I).
27. Physical Activity Across the Curriculum (PAAC 3): Teacher vs. remotely delivered classroom physical activity breaks, Donnelly (PI), NIDDK R01DK085317, 03/01/2018–02/28/2023, N.A/\$112,500 (Co-I).
28. Planned missing research designs: Power and validity for educational research, Wu (PI), NSF 1053160, 03/17/2014–05/31/2015, \$400,026/\$20,920 (Co-I).
29. Project WOWii: Developing and testing a web-based intervention to promote exercise among those with spinal cord injury, Froehlich-Grobe (PI), NIDILRR 90IF0091, 11/01/2015–09/29/2019, \$599,985/\$60,775 (Co-I).
30. Resistance training, energy balance, and weight management, Washburn (PI), NIDDK R01DK080832, 04/01/2009–03/31/2013, \$1,931,452/\$0 (Co-I).
31. **Revised Calculus Concept Inventory: Measuring the learning gains of first year calculus students, Lee (PI), NSF 1916751, 10/01/2019-09/30/2024, \$300,000/\$300,000 (PI).**
32. Scale up trial of project WOWii to increase exercise among people with SCI, Froehlich-Grobe (PI), NIDILRR xxx, 09/01/2020–08/31/2023, N.A/\$17,000 (Co-I).
33. Sexual health empowerment for jail-involved women's health literacy and prevention, Ramaswamy (PI), NCI R01CA181047, 04/01/2019–03/31/2024, \$1,602,097/\$65,797 (Co-I).
34. Somatosensory modulation of salivary gene expression and oral feeding in preterm infants, Barlow (PI), NICHD R01HD086088, 04/01/2016–03/31/2022, \$2,797,503/\$169,648 (Co-I).
35. Systematic investigating the enhancing effect of therapy dogs on social behavior in group social skills Instruction in children with autism, Dotson & Protopopova (PIs), NICHD R21HD095206, 01/01/2019–12/31/2020, \$390,212/\$392,953 (Co-I).
36. Translating the GLB to promote healthy weight in people with impaired mobility, Froehlich-Grobe (PI), CDC 15-277211520-FB44, 09/30/2015–09/29/2018, \$997,291/\$39,126 (Co-I).
37. Tri-city cervical cancer prevention study among women in the justice system, Ramaswamy (PI), NCI R01CA226838, 09/01/2018–08/31/2024, \$2,929,836/\$98,500 (Co-I).
38. Weight loss and maintenance for individuals with intellectual developmental disabilities, Donnelly (PI), NIDDK R01DK083539, 09/15/2010–08/31/2015, N.A/\$0 (Co-I).

STATE

Current:

1. Teacher Incentive Allotment, Hamman (PI), Texas Education Agency, 11/01/2019–08/31/2030, \$44,005,744/\$44,005,744 (Co-PI).

Completed:

2. A televideo exercise and nutrition program for adult survivors of pediatric cancer, Gibson (PI), University of Kansas Cancer Center, 2015–2016, \$50,000 (Co-I).

3. Actions of dietary tocotrienols on obesity: A pilot clinical study, Shen (PI), Texas Tech University Medical Center, 07/01/2018–06/30/2019, \$20,000/\$0 (Co-I).
4. Biostatistics for multiple KUMC projects, Lee (PI), University of Kansas Medical Center, 01/01/2014–08/31/2018, \$89,388/\$89,388 (PI).
5. College and Career Readiness Standards review and revision project: English/Language Arts and Mathematics, Dwyer (PI), Texas Higher Education Coordinating Board, 08/01/2017–07/31/2018, \$95,948/\$95,948 (Co-PI).
6. Competitive Edge Seed Grant: Instilling computational thinking through making an augmented reality application, Jung & Lee (PIs), Texas Tech University, 09/01/2020–08/31/2021, \$15,000/\$15,000 (PI).
7. Competitive Edge Seed Grant: Developing early alert dashboard using Power BI and machine learning techniques, Jung & Lee (PIs), Texas Tech University, 09/01/2023–08/31/2024, \$11,890/\$11,890 (PI).
8. Competitive Edge Seed Grant: Development of institutional research analytics tools and platform, Jung & Lee (PIs), Texas Tech University, 09/01/2019–08/31/2021, \$15,000/\$15,000 (PI).
9. International Research and Development Seed Grant: Development of a new machine learning-based predictive model for ADHD diagnosis using ADHD-200 brain imaging datasets, Jung & Lee (PIs), Texas Tech University, 09/01/2019–08/31/2020, \$2,000/\$2,000 (PI).
10. Tai Chi for pain management: A plot mechanistic study, Shen (PI), Texas Tech University Medical Center, 12/01/2018–11/30/2019, \$18,000/\$0 (Co-I).
11. The influence of parents' work-family conflict on adolescents' school-work-family conflict, academic and psychological well-being: A daily diary study (Kim, PI), Texas Tech University, 01/01/2019–12/31/2019, \$4,000/\$4,000 (Co-PI).

FOUNDATION / PRIVATE / INTERNATIONAL

Current:

1. Elucidating cross-linguistic speech rate mechanism variations across Malay and Japanese speakers, Chu (PI), National University of Malaysia, 10/01/2023–09/30/2025, RM 66,360/\$0 (Co-I).
2. Oral diadochokinesis among Malaysian-Malay speakers: A comparative study of neurotypical adults and individuals with Parkinson's disease, Chu (PI), National University of Malaysia, 01/26/2023–01/25/2025, RM 100,000/\$0 (Co-I).
3. 2025 Kansas/Missouri Nutrition Incentive Collaboration, Gibson (PI), Mid-America Regional Council, 01/01/2025–12/31/2025, \$304,038/\$1,000 (Co-I)

Completed:

4. Actions of dietary tocotrienols on obesity, Shen (PI), American River Nutrition, Inc., 11/01/2018–10/31/2020, \$70,000/\$0 (Co-I).
5. Actigraphy planned missingness, Little (PI), Child Trends Inc., 09/01/2017–03/14/2018, \$3,500/\$3,500 (Co-PI).
6. COVID-19 and food insecurity among older adults in the Heartland, Gibson (PI), Missouri Foundation for Health, 03/15/2021–02/28/2023, N.A./\$9,900.
7. Curcumin and retinal amyloid-beta pilot study, Shen (PI), Sabinsa Corporation, 04/01/2023–03/31/2024, \$94,991/\$14,000 (Co-I).
8. Development of institutional research analytics tools and platform, Jung (PI), Texas Tech University, 09/01/2018–08/31/2019, \$14,529.88/\$14,529.88 (Co-PI).
9. Effect of annatto-derived geranylgeraniol (GG) on statin-associated myopathy, Shen (PI), American River Nutrition, 01/01/2022–12/31/2023, \$266,294/\$34,637 (Co-I).
10. Effects of resistance training and milk supplementation on body composition in middle school children, Donnelly (PI), Dairy Research Institute, 2009–2011, N.A./\$0 (Co-I).
11. Functional connectivity alterations in suicidal patients among opioid users, Oh (PI), American Foundation for Suicide Prevention, 10/01/2021–09/30/2023, \$90,000/\$2,000 (Co-I).
12. Identifying patient perceptions and attitudes regarding statin-associated diabetes mellitus, Backes (PI), Kowa Pharmaceuticals America, Inc., 02/08/2016–02/07/2017, \$74,975/\$8,493 (Co-I).

13. Levels of vitamins D and infection risk in pediatric patients undergoing chemotherapy, Al-Rahawan (PI), South Plains Foundation, 2019-2020, \$15,000/\$0 (Co-I)
14. Savonix Inc. consulting agreement, Little (PI), Savonix Inc., 06/05/2016–09/05/2016, \$24,000/\$24,000 (Co-PI).
15. Televideo lifestyle health coaching for families of children with ALL, Gibson (PI), St. Baldrick Foundation, 2013–2014, N.A./\$0 (Co-I).
16. Tocotrienols supplementation for postmenopausal women with sarcopenia: A pilot study, Shen (PI), South Plains Foundation, 09/01/2018–09/01/2019, \$15,000/\$0 (Co-I).

VI. PROFESSIONAL SERVICES & ACTIVITIES

JOURNAL EDITORIAL BOARD

- Associate Editor, International Journal of Behavioral Development
- Reviewer, Frontiers in Applied Mathematics and Statistics & Frontiers in Psychology - Quantitative Psychology and Measurement
- Reviewer, Journal of Psychiatric Practice
- Reviewer, Multivariate Behavioral Research

PROFESSIONAL AFFILIATIONS

- Member, American Psychological Association (APA)
- Member, American Educational Research Association (AERA)