

Justin E. Karr, Ph.D.

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ACADEMIC APPOINTMENTS

8/20 – Pres. **Assistant Professor**
Clinical Neuropsychology Concentration Coordinator
Clinical Psychology Doctoral Training Program
Department of Psychology, College of Arts and Sciences
University of Kentucky, Lexington, Kentucky, USA
Faculty Associate
Sanders-Brown Center on Aging
University of Kentucky, Lexington, Kentucky, USA
Faculty Associate
Spinal Cord and Brain Injury Research Center
University of Kentucky, Lexington, Kentucky, USA

ACADEMIC PREPARATION

9/18 – 7/20 **Postdoctoral Fellowship in Clinical Neuropsychology**
Departments of Psychiatry and Physical Medicine & Rehabilitation
Harvard Medical School
Spaulding Rehabilitation Hospital, Boston Massachusetts, USA
Massachusetts General Hospital, Boston, Massachusetts, USA

9/13 – 8/18 **Doctor of Philosophy in Clinical Psychology (Neuropsychology Emphasis)**
University of Victoria, British Columbia, Canada
Dissertation: *Towards a Multivariate Assessment of Executive Functions*
Recipient of the Governor General's Gold Medal for Outstanding Dissertation

9/11 – 8/13 **Master of Science in Clinical Psychology (Neuropsychology Emphasis)**
University of Victoria, British Columbia, Canada
Thesis: *A Systematic Review of Meta-Analyses on the Cognitive Sequelae of Mild Traumatic Brain Injury and an Empirical Study on Executive Functions and Intra-Individual Variability Following Concussion*

9/07 – 6/11 **Bachelor of Science (Honors) in Psychology, Biology minor, summa cum laude**
Bachelor of Science (Honors) in the Social Sciences, summa cum laude
Western Oregon University, Monmouth, Oregon, USA
Thesis: *Polyunsaturated Fatty Acids: Health, the Brain, and the Human Diet*
Recipient of the Delmer Dewey Award for the Outstanding Graduating Man

CLINICAL EXPERIENCE

8/21 – Pres. **Licensed Psychologist (Health Service Provider)**
Kentucky Board of Examiners of Psychology (License #265069)

- 9/18 – 7/20 **Postdoctoral Clinical Fellow**
 Traumatic Brain Injury Program, Home Base, A Red Sox Foundation and
 Massachusetts General Hospital Program
 Sports Concussion Program, MassGeneral Hospital *for* Children
 Brain Health Neuropsychology Program, Massachusetts General Hospital
 Boston, Massachusetts, USA
- 8/17 – 8/18 **Doctoral Clinical Psychology Intern**
 Veterans Affairs Puget Sound Health Care System, Seattle Division
 Seattle, Washington, USA
Assoc. for Internship Training in Clinical Neuropsychology Member Program
 Rotations meeting Houston Conference Guidelines: Neuropsychology,
 Spinal Cord Injury Service, and Rehabilitation Care Service
- 5/16 – 8/16 **Student Practitioner**
Advanced Clinical Neuropsychology Practicum
 Private Practice in Neuropsychology and Rehabilitation
 Victoria, British Columbia, Canada
- 5/15 – 3/16 **Student Practitioner**
Advanced Clinical Neuropsychology Practicum
 Victoria Outpatient Clinic at the Forensic Psychiatric Services Commission,
 British Columbia Mental Health and Addiction Services, Provincial Health
 Services Authority
 Victoria, British Columbia, Canada
- 9/14 – 4/15 **Student Practitioner**
Generalist Clinical Psychology Practicum
 Mental Health Services Group at the Canadian Forces Health Services Centre
 Esquimalt, British Columbia, Canada
- 5/13 – 8/16 **Student Practitioner**
Clinical Neuropsychology and Psycho-educational Assessment Practica
 Psychology Clinic, University of Victoria
 Victoria, British Columbia, Canada

TEACHING EXPERIENCE

- 8/20 – Pres. **Assistant Professor**
 Department of Psychology, University of Kentucky, Lexington, Kentucky, USA
 PSY 333: Abnormal Psychology (Upper-level undergraduate course)
 PSY 561: Advanced Topics in Foundations of Clinical Psychology:
 Neuropsychology (Upper-level undergraduate course)
 PSY 710: Topical Seminar in Clinical Psychology: Neuropsychological
 Assessment (Graduate-level course)
- 9/15 – 12/16 **Sessional Instructor**
 Department of Psychology, University of Victoria, British Columbia, Canada
 PSYC 401H: Measurement of Psychological Processes (Honors-level
 undergraduate course)
 PSYC 351B: Human Neuropsychology (Upper-level undergraduate
 course)

- 9/14 – 3/16 **Guest Lecturer**
 Department of Psychology, University of Victoria, British Columbia, Canada
 PSYC 315: Introduction to Human Neuropsychology (Upper-level undergraduate course)
 PSYC 545: Neuropsychological Assessment (Graduate-level course)
- 9/11 – 8/13 **Teaching Assistant**
 Department of Psychology, University of Victoria, British Columbia, Canada
 PSYC 315: Introduction to Human Neuropsychology (Upper-level undergraduate course)
 PSYC 201: Research Methods in Psychology (Lower-level undergraduate course)
 PSYC 338: Behavior Modification in Children and Adults (Upper-level undergraduate course)

RESEARCH EXPERIENCE

- 1/23 – Pres. **National Institutes of Health (NIH) Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Program Scholar**
 College of Medicine
 University of Kentucky
 Lexington, Kentucky, USA
- 8/21 – 12/22 **NIH BIRCWH Program Associate**
 College of Medicine
 University of Kentucky
 Lexington, Kentucky, USA
- 8/20 – Pres. **Principal Investigator**
 Neuropsychological Assessment and Rehabilitation Laboratory (NARLy)
 Department of Psychology
 University of Kentucky
 Lexington, Kentucky, USA
- 9/18 – 7/20 **Postdoctoral Research Fellow**
 Neuropsychology Outcome Assessment Laboratory
 Department of Physical Medicine and Rehabilitation
 Harvard Medical School
 Spaulding Research Institute and Spaulding Rehabilitation Hospital
 Boston, Massachusetts, USA
- 8/17 – 8/18 **Psychology Intern (Research Rotation/Detail)**
 Veterans Affairs Northwest Network Mental Illness, Research, Education, and Clinical Center (MIRECC)
 Veterans Affairs Puget Sound Healthcare System, Seattle Division
 Seattle, Washington, USA
- 6/16 – 7/17 **Graduate Research Assistant**
 Integrative Analysis of Longitudinal Studies of Aging
 Laboratory for Integrative Lifespan Research
 University of Victoria
 Victoria, British Columbia, Canada

- 9/11 – 8/17 **Graduate Research Assistant/Project Director**
CORTEX: A Research Lab for the Study of Executive Functions
University of Victoria
Victoria, British Columbia, Canada
- 6/11 – 8/11 **Research Intern**
Center for Research on Occupational and Environmental Toxicology
Oregon Health and Science University
Portland, Oregon, USA

PUBLICATIONS

Peer-Reviewed Papers

Note: An underline denotes a student mentee working under my supervision.

1. **Karr, J. E.**, White, A. E., & Logan, T. (In Press). Depression, anxiety, and posttraumatic stress in women with and without brain injuries due to intimate partner violence. *Rehabilitation Psychology*.
2. Ali, S., **Karr, J. E.**, MacDonald, S. W. S., & Macoun, S. J. (2024). Intraindividual variability in attention-deficit/hyperactivity disorder: An ex-Gaussian approach. *Child Psychiatry & Human Development*. Advance online publication. <https://doi.org/10.1007/s10578-024-01722-1>
3. **Karr, J. E.**, Zuccato, B. G., Ingram, E. O., Considine, C. M., Merker, B., & Abeare, C. A. (2024). Cognitive, sleep-arousal, physical, and affective domain scores on the Post-Concussion Symptom Scale: Added utility in detecting symptom elevations among student-athletes with a remote history of concussion. *Archives of Clinical Neuropsychology*. Advance online publication. <https://doi.org/10.1093/arclin/aca027>
4. **Karr, J. E.**, White, A. E., Leong, S. E., & Logan, T. (2024). The Neurobehavioral Symptom Inventory: Psychometric properties and symptom comparisons in women with and without brain injuries due to intimate partner violence. *Assessment*. Advance online publication. <https://doi.org/10.1177/10731911241236687>
5. **Karr, J. E.**, Ingram, E. O., Pinheiro, C. N., Ali, S., & Iverson, G. L. (2024). Test-retest reliability and reliable change on the NIH Toolbox Cognition Battery. *Archives of Clinical Neuropsychology*. Advance online publication. <https://doi.org/10.1093/arclin/aca011>
6. Ingram, E. O., & **Karr, J. E.** (2024). The Sport Concussion Assessment Tool: A multidimensional symptom model for detecting elevated post-concussion symptoms. *The Clinical Neuropsychologist*. Advance online publication. <https://doi.org/10.1080/13854046.2024.2315735>
7. **Karr, J. E.** (2024). The Short Executive Function Scale. Advance online publication. *Assessment*. <https://doi.org/10.1177/10731911231223122>
8. Kiselica, A. M., **Karr, J. E.**, Medina, L., Bengue, J. F., & Woods, S. P. (2023). Recent advances in neuropsychological test interpretation for clinical practice. *Neuropsychology Review*, 34(2), 637-667. <https://doi.org/10.1007/s11065-023-09596-1>

9. **Karr, J. E., & White, A. E.** (2024). Academic self-efficacy and cognitive strategy use in college students with and without depression or anxiety. *Journal of American College Health, 72*(5), 1387-1393. <https://doi.org/10.1080/07448481.2022.2076561>
10. Delfin, D., Wallace, J., Baez, S., **Karr, J. E.**, Terry, D. P., Nibbler, T., Yengo-Kahn, A. M., & Newman, S. (2024). Social support and the stress-buffering hypothesis: Effects on stress and mental health symptoms in adolescent football athletes. *Journal of Athletic Training, 59*(5), 499–505. <https://doi.org/10.4085/1062-6050-0324.23>
11. Ingram, E. O., & **Karr, J. E.** (2024). Multivariate base rates of potentially problematic scores on the NIH Toolbox Emotion Battery. *Archives of Clinical Neuropsychology, 39*(4), 454-463. <https://doi.org/10.1093/arclin/acad094>
12. **Karr, J. E.**, Rivera Mindt, M., & Iverson, G. L. (2024). Interpreting reliable change on the Spanish-language NIH Toolbox Cognition Battery. *Applied Neuropsychology: Adult, 31*(3), 229-237. <https://doi.org/10.1080/23279095.2021.2011726>
13. **Karr, J. E.**, Iverson, G. L., Boudreau, N., & Zafonte, R. (2024). Treatment of chronic symptoms following mild traumatic brain injury with transcranial LED: A sham run-in pilot study of photobiomodulation therapy. *Brain Injury, 38*(6), 425-435. <https://doi.org/10.1080/02699052.2024.2309258>
14. **Karr, J. E.**, Hakun, J. G., Elbich, D. B., Pinheiro, C. N., Schmitt, F. A., & Segerstrom, S. C. (2024). Detecting cognitive decline in high-functioning older adults: The relationship between subjective cognitive concerns, frequency of high neuropsychological test scores, and the frontoparietal control network. *Journal of the International Neuropsychological Society, 30*(3), 220-231. <https://doi.org/10.1017/S1355617723000607>
15. **Karr, J. E.**, Pinheiro, C. N., & Harp, J. P. (2024). Performance validity testing on the NIH toolbox cognition battery: Base rates of failed embedded validity indicators in the adult normative sample. *Archives of Clinical Neuropsychology, 39*(2), 204-213. <https://doi.org/10.1093/arclin/acad071>
16. **Karr, J. E.**, Leong, S. E., Ingram, E. O., & Logan, T. (2024). Repetitive head injury and cognitive, physical, and emotional symptoms in women survivors of intimate partner violence. *Journal of Neurotrauma, 41*(3-4), 486-498. <https://doi.org/10.1089/neu.2023.0358>
Note. The editor of the *Journal of Neurotrauma* selected this article for an Editor Highlight promoting its dissemination to their readership.
17. **Karr, J. E.**, Leong, S. E., & Logan, T. (2024). Head Injury due to intimate partner violence: Injury characteristics, subacute symptoms, and receipt of care. *Journal of Neurotrauma, 41*(3-4), 464-474. <https://doi.org/10.1089/neu.2023.0194>
18. **Karr, J. E.**, & Logan T. (2024). Post-concussion symptoms in women with head injury due to intimate partner violence. *Journal of Neurotrauma, 41*(3-4), 447-463. <https://doi.org/10.1089/neu.2023.0101>
19. Kim, M. H., & **Karr, J. E.** (2024). Examining associations between mindset, mental health symptom severity, and academic self-efficacy and performance. *Current Psychology, 43*(2), 1519-1532. <https://doi.org/10.1007/s12144-023-04399-2>
20. Keski-Pukkila, M., **Karr, J. E.**, Posti, J. P., Berghem, K., Kotilainen, A., Blennow, K., Zetterberg, H., Iverson, G. L., & Luoto, T. M. (2024). Using glial fibrillary acidic

- protein in the Scandinavian guidelines for the initial management of head injuries in adults. *Neurotrauma Reports*, 5(1), 50-60.
<https://doi.org/10.1089/neur.2023.0077>
21. White, A. E., & **Karr, J. E.** (2023). Psychometric properties of the GAD-7 among college students: Reliability, validity, factor structure, and measurement invariance. Advance online publication. *Translational Issues in Psychological Science*. <https://doi.org/10.1037/tps0000382>
 22. Halliday, D. W. R., **Karr, J. E.**, Shahnazian, D., Gordon, I., MacDonald, S. W. S., Macoun, S. J., Hundza, S. R., & Garcia-Barrera, M. A. (2023). Electrophysiological variability during tests of executive functioning: A comparison of athletes with and without concussion and sedentary control participants. Advanced online publication. *Applied Neuropsychology: Adult*. <https://doi.org/10.1080/23279095.2023.2247512>
 23. Patel, N. R., Kim, M. H. & **Karr, J. E.** (2023). Reliable change in college coursework self-efficacy. *Modern Psychological Studies*, 23(1), 1-15.
<https://scholar.utc.edu/mps/vol29/iss1/17>
 24. Iverson, G. L., Gaudet, C. E., Kissinger-Knox, A., & **Karr, J. E.** (2023). Normative reference values for crystallized-fluid discrepancy scores for the NIH Toolbox Cognition Battery. *Archives of Clinical Neuropsychology*, 38(4), 608-618. <https://doi.org/10.1093/arclin/acac076>
 25. **Karr, J. E.**, Rodriguez, J. E., Rast, P., & Martel, M. M. (2023). A network analysis of executive functions in children and adolescents with and without attention-deficit/hyperactivity disorder. Advance online publication. *Child Psychiatry & Human Development*. <https://doi.org/10.1007/s10578-023-01518-9>
 26. Agate, F. T., Gordon, I., **Karr, J. E.**, & Garcia-Barrera, M. A. (2023). Sport expertise and physical exercise are associated with “hot” executive functioning: An electrophysiological examination of reward processing in collegiate athletes. *Journal of Clinical and Experimental Neuropsychology*, 45(2), 182-196.
<https://doi.org/10.1080/13803395.2023.2219022>
 27. Iverson, G. L., Gaudet, C. E., & **Karr, J. E.** (2023). Examining suicidality in adolescents who have sustained concussions. *Journal of Neurotrauma*, 40(7-8), 730–741. <https://doi.org/10.1089/neu.2022.0233>
 28. **Karr, J. E.**, Scott, T. M., Aghvinian, M., & Rivera Mindt, M. (2023). Harmonization of the English and Spanish versions of the NIH Toolbox Cognition Battery crystallized and fluid composite scores. *Neuropsychology*, 37(3), 258-267.
<https://doi.org/10.1037/neu0000822>
 29. Wallace, J., **Karr, J. E.**, Yengo-Kahn, A. M., Brewer, C., Loftin, M., Anand, M., Hibbler, T., & Covassin, T. (2023). Group differences in post-concussion cognitive, physical, sleep-arousal, and affective symptom subscales in high school and collegiate athletes by race, gender, and competitive level. *Journal of Head Trauma Rehabilitation*, 38(2), E136-E145.
<https://doi.org/10.1097/HTR.0000000000000786>
 30. **Karr, J. E.**, Zuccato, B. G., Ingram, E. O., McAuley, T., Merker, B., & Abeare, C. A. (2023). The post-concussion symptom scale: Normative data for adolescent student-athletes stratified by gender and preexisting conditions. *American Journal of Sports Medicine*, 51(1), 225-236. <https://doi.org/10.1177/03635465221131987>

31. Raudeberg, R., **Karr, J. E.**, Iverson, G. L., & Hammar, Å. (2023). Examining the Repeatable Battery for the Assessment of Neuropsychological Status effort indices in people with schizophrenia spectrum disorders. *The Clinical Neuropsychologist*, 37(1), 101-118.
<https://doi.org/10.1080/13854046.2021.1876169>
32. Ingram, E. O., & **Karr, J. E.** (2023). Depression and anxiety have a greater association with post-concussion symptoms than a remote history of sport-related concussion in college students. *Translational Issues in Psychological Science*, 9(1), 51-64.
<https://doi.org/10.1037/tps0000343>
33. Iverson, G. L., Minkkinen, M., **Karr, J. E.**, Berghem, K., Zetterberg, H., Blennow, K., Posti, J. P., & Luoto, T. M. (2022). Examining four blood biomarkers for the detection of acute intracranial abnormalities following mild traumatic brain injury in older adults. *Frontiers in Neurology*, 13(960741), 1-15. <https://doi.org/10.3389/fneur.2022.960741>
34. **Karr, J. E.**, & Iverson, G. L. (2022). The structure of post-concussion symptoms in adolescent student athletes: Confirmatory factor analysis and measurement invariance. *The Clinical Neuropsychologist*, 36(6), 1533-1572.
<https://doi.org/10.1080/13854046.2020.1850867>
35. Williams, M. W., **Karr, J. E.**, Day, A. M., Glueck, A. C., Kapoor, S., & Han, D. Y. (2022). Post-traumatic headache is associated with worse anxiety and mood symptoms in adolescent mild traumatic brain injury. *Neurology and Neurobiology*, 5(2), 1-7. <http://dx.doi.org/10.31487/j.NNB.2022.02.04>
36. **Karr, J. E.**, Rivera Mindt, M., & Iverson, G. L. (2022). Algorithms for operationalizing mild cognitive impairment using the Spanish-language NIH Toolbox Cognition Battery. *Archives of Clinical Neuropsychology*, 37(7), 1608-1618. <https://doi.org/10.1093/arclin/acac042>
37. **Karr, J. E.**, Rivera Mindt, M., & Iverson, G. L. (2022). Assessing cognitive decline in high-functioning Spanish-speaking patients: High score base rates on the Spanish-language NIH Toolbox Cognition Battery. *Archives of Clinical Neuropsychology*, 37(5), 939-951. <https://doi.org/10.1093/arclin/acab097>
38. Segerstrom, S. C., Reed, R. G., & **Karr, J. E.** (2022). Cytomegalovirus and Toxoplasma gondii serostatus prospectively correlated with problems in self-regulation but not executive function among older adults. *Psychosomatic Medicine*, 84(5), 603-611.
<https://doi.org/10.1097/PSY.0000000000001086>
39. Iverson, G. L., **Karr, J. E.**, Hong, Y., Yang, C. C., Maxwell, B. A., & Berkner, P. D. (2022). Baseline preseason ImPACT® testing in Mandarin with adolescent student-athletes in the United States. *Applied Neuropsychology: Child*, 11(3), 444-454. <https://doi.org/10.1080/21622965.2021.1881897>
40. **Karr, J. E.**, Williams, M. W., Iverson, G. L., Huang, S. J., & Yang, C. C. (2022). Pre-injury headache and post-traumatic headache in patients with mild traumatic brain injury: Neuropsychological, psychiatric, and post-concussion symptom outcomes. *Brain Injury*, 36(2), 175-182.
<https://doi.org/10.1080/02699052.2022.2043440>
41. Wallace, J., **Karr, J. E.**, Schatz, P., Worts, P., Covassin, T., & Iverson, G. L. (2022). The frequency of low scores on ImPACT in adolescent student-athletes: Stratifications by race and socioeconomic status using multivariate base rates.

- Developmental Neuropsychology*, 47(3), 125-135.
<https://doi.org/10.1080/87565641.2022.2034827>
42. **Maja, R. A.**, Kilshaw, R. E., Garcia-Barrera, M. A., & **Karr, J. E.** (2022). Current posttraumatic stress symptoms mediate the relationship between adverse childhood experiences and executive functions. *Psychological Reports*, 125(2), 763-786. <https://doi.org/10.1177/0033294120979690>
 43. Iverson, G. L., & **Karr, J. E.** (2022). Association between concussions and suicidality in high school students in the United States. *Frontiers in Neurology*, 22(810361), 1-15. <https://doi.org/10.3389/fneur.2022.810361>
 44. **Karr, J. E.**, Rodriguez, J. E., Goh, P. K., Martel, M. M., & Rast, P. (2022). The unity and diversity of executive functions: A network approach to life span development. *Developmental Psychology*, 58(4), 751-767. <https://doi.org/10.1037/dev0001313>
 45. **Karr, J. E.**, Rivera Mindt, M., & Iverson, G. L. (2022). A multivariate interpretation of the Spanish-language NIH toolbox cognition battery: The normal frequency of low scores. *Archives of Clinical Neuropsychology*, 37(2), 338-351. <https://doi.org/10.1093/arclin/acab064>
 46. **Karr, J. E.** (2022). Compensatory cognitive strategy use by young adults: A psychometric evaluation of self-report measures. *Assessment*, 29(3), 441-454. <https://doi.org/10.1177/1073191120981769>
 47. Karlsen, R. H., **Karr, J. E.**, Lundervold, A. J., Hjemdal, O., Saksvik, S. B., Olsen, A., Iverson, G. L., & Skandsen, T. (2022). Examining 3-month test-retest reliability and reliable change using the Cambridge Neuropsychological Test Automated Battery. *Applied Neuropsychology: Adult*, 29(2), 146-154. <http://dx.doi.org/10.1080/23279095.2020.1722126>
 48. Cook, N. E., **Karr, J. E.**, & Iverson, G. L. (2022). Children with ADHD have a greater lifetime history of concussion: Data from the ABCD Study. *Journal of Neurotrauma*, 39(1-2), 86-92. <https://doi.org/10.1089/neu.2021.0019>
 49. **Karr, J. E.**, Iverson, G. L., Isokuortti, H., Kataja, A., Brander, A. E., Öhman, J., & Luoto, T. M. (2021). Preexisting conditions in older adults with mild traumatic brain injuries. *Brain Injury*, 35(12-13), 1607-1615. <https://doi.org/10.1080/02699052.2021.1976419>
 50. Iverson, G. L., & **Karr, J. E.** (2021). Improving the methodology for identifying mild cognitive impairment in intellectually high-functioning adults using the NIH Toolbox Cognition Battery. *Frontiers in Psychology*, 12(724888), 1-10. <https://doi.org/10.3389/fpsyg.2021.724888>
 51. **Karr, J. E.**, Garcia-Barrera, M. A., Marsh, J., Maxwell, B., Berkner, P. D., & Iverson, G. L. (2021). Preseason baseline neurocognitive performances and symptom reporting on ImPACT®: A comparison of adolescent student-athletes tested in Spanish and English. *Journal of Athletic Training*, 6(8), 879-886. <https://doi.org/10.4085/1062-6050-0345.20>
Note. The *Journal of Athletic Training* selected this paper for a roundtable discussion on sport-related concussion for their online video series *JATChat*, available at <https://www.youtube.com/watch?v=WrLIWYjz2EI>
 52. Iverson, G. L., **Karr, J. E.**, Maxwell, B., Zafonte, R., Berkner, P. D., & Cook, N. E. (2021). Examining criteria for defining persistent post-concussion symptoms in

- children and adolescents. *Frontiers in Neurology*, *12*(614648), 1-10.
<https://doi.org/10.3389/fneur.2021.614648>
53. Karlsen, R. H., Saksvik, S. B., Stenberg, J., Lundervold, A., Olsen, A., Rautio, I., Folvik, L., Håberg, A. K., Vik, A., **Karr, J. E.**, Iverson, G. L., & Skandsen, T. (2021). Examining the subacute effects of mild traumatic brain injury using a traditional and computerized neuropsychological test battery. *Journal of Neurotrauma*, *38*(1), 74-85. <https://doi.org/10.1089/neu.2019.6922>
 54. **Karr, J. E.**, Kibby, M. Y., Jagger-Rickels, A. C., & Garcia-Barrera, M. A. (2021). Sensitivity and specificity of an executive function screener at identifying children with ADHD and reading disability. *Journal of Attention Disorders*, *25*(1), 134-140. <http://dx.doi.org/10.1177/1087054718763878>
 55. **Karr, J. E.**, Iverson, G. L., Williams, M. W., Huang, S. J., & Yang, C. C. (2020). Complicated versus uncomplicated mild traumatic brain injuries: A comparison of psychological, cognitive, and post-concussion symptom outcomes. *Journal of Clinical and Experimental Neuropsychology*, *42*(10), 1049-1058. <https://doi.org/10.1080/13803395.2020.1841118>
 56. Stenberg, J., **Karr, J. E.**, Skandsen, T., Silverberg, N. D., & Iverson, G. L. (2020). Examining test-retest reliability and reliable change for cognition endpoints for the CENTER-TBI neuropsychological test battery. *Frontiers in Neurology*, *11*(541533), 1-13. <https://doi.org/10.3389/fneur.2020.541533>
 57. **Karr, J. E.**, & Iverson, G. L. (2020). Interpreting high scores on the NIH Toolbox Cognition Battery: Potential utility for detecting cognitive decline in high-functioning individuals. *Neuropsychology*, *34*(7), 764-773. <http://dx.doi.org/10.1037/neu0000691>
 58. Iverson, G. L., Jones, P. J., **Karr, J. E.**, Maxwell, B. A., Zafonte, R., Berkner, P. D., & McNally, R. J. (2020). Network structure of physical, cognitive, and emotional symptoms at preseason baseline in student athletes with attention-deficit/hyperactivity disorder. *Archives of Clinical Neuropsychology*, *35*(7), 1094-1108. <http://dx.doi.org/10.1093/arclin/acia030>
 59. Huebschmann, N. A., Luoto, T. M., **Karr, J. E.**, Berghem, K., Blennow, K., Zetterberg, H., Ashton, N. J., Simrén, J., Posti, J. P., Gill, J. M., & Iverson, G. L. (2020). Comparing glial fibrillary acidic protein (GFAP) in plasma and serum following mild traumatic brain injury in older adults. *Frontiers in Neurology*, *11*(1054), 1-12. <http://dx.doi.org/10.3389/fneur.2020.01054>
 60. Stenberg, J., **Karr, J. E.**, Terry, D. P., Silverberg, N. D., Skandsen, T., & Iverson, G. L. (2020). Developing cognition endpoints for the CENTER-TBI neuropsychological test battery. *Frontiers in Neurology*, *11*(670), 1-17. <http://dx.doi.org/10.3389/fneur.2020.00670>
 61. Cook, N. E., Iaccarino, M. A., **Karr, J. E.**, & Iverson, G. L. (2020). Attention-deficit/hyperactivity disorder and outcome after concussion: A systematic review. *Journal of Developmental and Behavioral Pediatrics*, *41*(7), 571-582. <http://dx.doi.org/10.1097/DBP.0000000000000808>
 62. Stenberg, J., **Karr, J. E.**, Terry, D. P., Håberg, A. K., Vik, A., Skandsen, T., & Iverson, G. L. (2020). Change in self-reported cognitive symptoms after mild traumatic brain injury is associated with changes in emotional and somatic

- symptoms and not changes in cognitive performance. *Neuropsychology*, 34(5), 560-568. <http://dx.doi.org/10.1037/neu0000632>
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Note. The editor of *Neuropsychology* selected this article for an Article Spotlight through the American Psychological Association (APA) to promote its dissemination.
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89. **Karr, J. E.**, Grindstaff, T. R., & Alexander, J. E. (2012). Omega-3 fatty acids and cognition in a college-aged population. *Experimental and Clinical Psychopharmacology*, 20(3), 236-242. <http://dx.doi.org/10.1037/a0026945>
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Book Chapters

1. Garcia-Barrera, M. A., Agate, F. T., Wong, R., Smart, C. M., & **Karr, J. E.** (2019). Executive dysfunction after traumatic brain injury. In A. Ardila, S. Fatima, & M. Rosselli (Eds.), *Dysexecutive syndromes: A clinical and experimental perspective* (pp. 83-122). New York: Springer Publishing Co. http://dx.doi.org/10.1007/978-3-030-25077-5_5
2. Garcia-Barrera, M. A., Duggan, E. C., **Karr, J. E.**, & Reynolds, C. R. (2014). Examining executive functions using the Behavior Assessment System for Children. In S. Goldstein & J. Naglieri (Eds.), *Handbook of executive functioning* (pp. 283-299). New York: Springer Publishing Co. http://dx.doi.org/10.1007/978-1-4614-8106-5_17

PRESENTATIONS

Refereed Conference Presentations

Note: An asterisk denotes publication of an accompanying abstract in an academic journal supplement, and an underline denotes a student mentee or trainee working under my supervision or mentorship.

1. Ali, S., **Karr, J. E.**, Harp, J. P., Koehl, L. M., Schmitt, F. A., Quintero, J., & van Horne, C. (August 9, 2024). *Cognitive Change in Participants with Parkinson's Disease Post DBS with Cell-Based Implant*. Poster presented at the 2024 Annual Convention of the American Psychological Association, Seattle, Washington, USA.
2. **Karr, J. E.**, White, A. E., & Logan, T. (August 8, 2024). *Mental Health Among Women with and without Brain Injuries due to Intimate Partner Violence*. Poster presented at the 2024 Annual Convention of the American Psychological Association, Seattle, Washington, USA.
3. Mueller, S., Logan, T., & **Karr, J. E.** (May 8, 2024). *A Comparison of Sleep Quality Between Women with and without Head Injuries due to Intimate Partner Violence*. Poster presented at the 29th Annual Kentucky Spinal Cord and Head Injury Research Trust Symposium, University of Louisville, Louisville, Kentucky, USA.
4. Ingram, E. O., & **Karr, J. E.** (April 18, 2024). *Racial and Ethnic Differences in Post-Concussion Neurocognitive Test Performances*. Poster presented at the 2024 United in True Racial Equity (UNITE) Research Showcase, University of Kentucky, Lexington, Kentucky, USA.
5. Hardendorf, H., & **Karr, J. E.** (April 18, 2024). *Subjective Cognitive Concerns and Mental Health in LGBTQ College Students*. Poster presented at the 2024 Meeting of the Midwestern Psychological Association, Chicago, Illinois, USA.
6. Ingram, E. O., Iverson, G. L., Pinheiro, C. N., Ali, S., & **Karr, J. E.** (April 8, 2024). *Reliable Change on the NIH Toolbox Cognition Battery: Cutoff Scores for Detecting Within-person Change and Multivariate Base Rates of Change Scores*. Poster presented at the NIH Toolbox® Assessments Conference, Bethesda, Maryland, USA.
7. Pinheiro, C. N., Bauer, C. E., Gold, B. T., Segerstrom, S. C., & **Karr, J. E.** (March 21, 2024). *Extracellular Free Water Content in White Matter is Significantly Correlated with Interindividual Differences in Peripheral Inflammation*. Paper presented at the Eighty-first Annual Meeting of the American Psychosomatic Society, Brighton, United Kingdom.
8. *Pinheiro, C. N., Bauer, C. E., Gold, B. T., Segerstrom, S. C., & **Karr, J. E.** (February 15, 2024). *The Subjective as Objective: A Comparison of Extracellular Free Water Content in the White Matter of Older Adults with And without Subjective Cognitive Concerns*. Poster presented at the Fifty-Second Annual Meeting of the International Neuropsychological Society, New York, New York, USA.
9. *Ali, S., & **Karr, J. E.** (February 16, 2024). *The Neurological Quality of Life Cognitive Function Short Form Questionnaire: Psychometric Properties and Reliable Change in Healthy Young Adults*. Poster presented at the Fifty-Second Annual

- Meeting of the International Neuropsychological Society, New York, New York, USA.
10. *Ingram, E. O., & **Karr, J. E.** (February 16, 2024). *Initial Psychometric Examination of the Speech and Language Scale: A Self-Report Questionnaire of Receptive and Expressive Language Abilities*. Poster presented at the Fifty-Second Annual Meeting of the International Neuropsychological Society, New York, New York, USA.
 11. *Leong, S. E., & Logan, T., & **Karr, J. E.** (February 15, 2024). *Substance Use Among Women with Intimate Partner Violence Experiences with and without Head Injuries*. Poster presented at the Fifty-Second Annual Meeting of the International Neuropsychological Society, New York, New York, USA.
 12. ***Karr, J. E.**, White, A. E., Leong, S. E., & Logan, T. (February 15, 2024). *Confirmatory Factor Analysis of the Neurobehavioral Symptom Inventory in Women with and without Brain Injuries due to Intimate Partner Violence*. Poster presented at the Fifty-Second Annual Meeting of the International Neuropsychological Society, New York, New York, USA.
 13. Ross, M. M., Ingram, E. O., Delfin, D., **Karr, J. E.**, & Wallace, J. S. (January 27, 2024). *Subjective Social Status and Mental Health in Adolescent Athletes*. Paper presented at the Eleventh Annual Meeting of the Pediatric Research in Sports Medicine Society, Anaheim, California, USA.
 14. ***Karr, J. E.**, & Logan, T. (December 5, 2023). *Repetitive Head Injuries and Post-Concussion Symptom Severity in Women Survivors of Intimate Partner Violence*. Poster presented at the 2023 Annual BIRCWH Meeting – Building Interdisciplinary Research Careers in Women’s Health, sponsored by the NIH Office of Research on Women's Health, Washington, District of Columbia, USA.
 15. *Chen, S., Ingram, E. O., & **Karr, J. E.** (October 26, 2023). *Multivariate Base Rates for the NIH Toolbox Emotion Battery in the Spanish-Speaking Normative Sample*. Poster presented at the 2023 Annual Conference of the Hispanic Neuropsychological Society, Philadelphia, Pennsylvania, USA.
 16. ***Karr, J. E.**, White, A. E., Chen, S., & Logan, T. (October 25, 2023). *Subjective and Objective Cognitive Functioning in Women Survivors of Intimate Partner Violence with Repetitive Mild Traumatic Brain Injuries*. Poster presented at the Forty-Third Annual Conference of the National Academy of Neuropsychology, Philadelphia, Pennsylvania, USA.
 17. *Chen, S., Logan, T., & **Karr, J. E.** (October 25, 2023). *Head Injury due to Intimate Partner Violence: Pain Severity and Interference*. Poster presented at the Forty-Third Annual Conference of the National Academy of Neuropsychology, Philadelphia, Pennsylvania, USA.
 18. *Ingram, E. O., & **Karr, J. E.** (October 25, 2023). *Prior Concussions and Symptom Elevation Rates in Collegiate Student-Athletes at Preseason Baseline*. Poster presented at the Forty-Third Annual Conference of the National Academy of Neuropsychology, Philadelphia, Pennsylvania, USA.
 19. *Ingram, E. O., & **Karr, J. E.** (October 25, 2023). *Using a Multidimensional Symptom Model to Identify Persistent Post-Concussion Symptoms in Collegiate Athletes*. Poster presented at the Forty-Third Annual Conference of the National Academy of Neuropsychology, Philadelphia, Pennsylvania, USA.

20. **Karr, J. E.** (August 4, 2023). *Prevalence of Healthy Adults Meeting Possible and Probable Chronic Traumatic Encephalopathy Criteria*. Poster presented at the 2023 Annual Convention of the American Psychological Association, Washington, District of Columbia, USA.
21. **Karr, J. E., Chen, S., & Logan, T.** (August 4, 2023). *Head Injury due to Intimate Partner Violence: Injury Severity, Subacute Symptoms, and Access to Care*. Poster presented at the 2023 Annual Convention of the American Psychological Association, Washington, District of Columbia, USA.
22. ***Ingram, E. O., & Karr, J. E.** (May 5, 2023). *Normative Data for Cognitive, Physical, Affective, and Sleep-Arousal Symptom Subscales of the SCAT-3 Symptom Evaluation*. Poster presented at the Eleventh Annual Sport Concussion Symposium of the Sports Neuropsychology Society, Denver, Colorado, USA.
23. ***Ingram, E. O., & Karr, J. E.** (May 5, 2023). *Multidimensionality of the SCAT-3 Symptom Evaluation Before and After Sport-Related Concussion*. Poster presented at the Eleventh Annual Sport Concussion Symposium of the Sports Neuropsychology Society, Denver, Colorado, USA.
24. **Ingram, E. O., & Karr, J. E.** (April 18, 2023). *Racial/ethnic Differences in Symptom Elevation Rates for Student-athletes Returning to Play from Concussion*. Poster presented at the 2023 United in True Racial Equity (UNITE) Research Showcase, University of Kentucky, Lexington, Kentucky, USA.
25. ***Zuccato, B. G., Karr, J. E., Ingram, E. O., Messa I., Korcsog, K., & Abeare, C.A.** (February 2, 2023). *Developing and Calibrating a Sex-Specific Psychiatric Screener within the Post-Concussion Symptom Scale*. Poster presented at the Fifty-First Annual Meeting of the International Neuropsychological Society, San Diego, California, USA.
26. ***Karr, J. E.** (February 2, 2023). *Preliminary Psychometric Examination of a Short Questionnaire of Executive Functions*. Poster presented at the Fifty-First Annual Meeting of the International Neuropsychological Society, San Diego, California, USA.
27. ***Karr, J. E., Hakun, J. G., Elbich, D. B., Pinheiro, C. N., Schmitt, F. A., & Segerstrom, S. C.** (February 2, 2023). *Subjective Cognitive Concerns, Neuropsychological Test Performances, and Frontoparietal Thickness and Connectivity in High-Functioning Older Adults*. Paper presented at the Fifty-First Annual Meeting of the International Neuropsychological Society, San Diego, California, USA.
28. ***Pinheiro, C. N., Segerstrom, S. C., & Karr, J. E.** (November 4, 2022). *Time is of the Essence: Reliable Measurement of Heart Rate Variability in Older Adults*. Poster presented at the 2022 Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, Indiana, USA.
29. ***Karr, J. E., Zuccato, B. G., Ingram, E. O., Considine, C. M., Merker, B., & Abeare, C. A.** (October 14, 2022). *More than Total Symptom Severity: Identifying Subtypes of Persistent Post-Concussion Symptoms using Normative Data*. Paper presented at the Forty-Second Annual Conference of the National Academy of Neuropsychology, Denver, Colorado, USA.
30. ***Ingram, E. O., & Karr, J. E.** (October 12, 2022). *Multivariate Base Rates for the NIH Toolbox Emotion Battery*. Poster presented at the Forty-Second Annual

- Conference of the National Academy of Neuropsychology, Denver, Colorado, USA.
31. *Iverson, G. L., Gaudet, C. E., & **Karr, J. E.** (October 12, 2022). *Normative Reference Values for Crystallized-Fluid Discrepancy Scores for the NIH Toolbox Cognition Battery*. Poster presented at the Forty-Second Annual Conference of the National Academy of Neuropsychology, Denver, Colorado, USA.
 32. Ingram, E. O., & **Karr, J. E.** (August 6, 2022). *Post-Concussion Symptoms in College Students with Depression and Anxiety versus a Concussion History*. Poster presented at the 2022 Annual Convention of the American Psychological Association, Minneapolis, Minnesota, USA.
 33. **Karr, J. E.**, Zuccato, B. G., Ingram, E. O., McAuley, T., Merker, B., & Abeare, C. A. (August 4, 2022). *Developing Normative Data for the Post-Concussion Symptom Scale*. Poster presented at the 2022 Annual Convention of the American Psychological Association, Minneapolis, Minnesota, USA.
 34. **Karr, J. E.**, Scott, T. M., Aghvinian, M., & Rivera Mindt, M. (August 4, 2022). *Factorial Invariance of the Spanish and English NIH Toolbox Crystallized and Fluid Composites*. Poster presented at the 2022 Annual Convention of the American Psychological Association, Minneapolis, Minnesota, USA.
 35. *Iverson, G. L., Gaudet, C. E., & **Karr, J. E.** (April 21-23, 2022). *Examining Suicidal Ideation in Adolescents Who Have Sustained Concussions*. Poster presented at the Tenth Annual Sport Concussion Symposium of the Sports Neuropsychology Society, Dallas, Texas, USA.
 36. Patel, N. R., Kim, M. H. & **Karr, J. E.** (March 26, 2022). *Detecting Reliable Change in Academic Self-efficacy*. Poster presented at the 2022 Kentucky Psychological Science Conference, Louisville, Kentucky, USA.
 37. Cosgrove, S., & **Karr, J. E.** (March 26, 2022). *A Psychometric Examination of the Neuro-QoL Cognitive Function among College Students*. Poster presented at the 2022 Kentucky Psychological Science Conference, Louisville, Kentucky, USA.
 38. White, A. E., & **Karr, J. E.** (March 26, 2022). *Reliability, Validity, and Dimensionality of the GAD-7 in College Students*. Poster presented at the 2022 Kentucky Psychological Science Conference, Louisville, Kentucky, USA.
 39. ***Karr, J. E.**, Rodriguez, J. E., Rast, P., & Martel, M. M. (February 2-4, 2022). *Applying Network Analysis to Executive Functions: Differences in Network Parameters between Children with and without Attention-deficit/hyperactivity Disorder*. Poster presented at the Fiftieth Annual Meeting of the International Neuropsychological Society, New Orleans, Louisiana, USA.
 40. ***Karr, J. E.**, Iverson, G. L., West, K. C., Posti, J. P., Zetterberg, H., Blennow, K., & Luoto, T. M. (February 2-4, 2022). *The Relationship Between Tau and Amyloid Beta in Blood and Subacute Outcome from Mild Traumatic Brain Injury*. Poster presented at the Fiftieth Annual Meeting of the International Neuropsychological Society, New Orleans, Louisiana, USA.
 41. *Williams, M. W., **Karr, J. E.**, Day, A. M., Glueck, A. C., & Han, D. Y. (February 2-4, 2022). *Preinjury Psychiatric History Associated with Increased Number of Post-Concussion Symptoms at Initial Specialty Clinic Encounter*. Poster presented at the Fiftieth Annual Meeting of the International Neuropsychological Society, New Orleans, Louisiana, USA.

42. *Sheppard, D. P., **Karr, J. E.**, Goldberg, S. B., Simpson, T. L., Kearney, D. J., & Pagulayan, K. F. (February 2-4, 2022). *Does Mindfulness-based Stress Reduction Improve Neurocognitive Performances in Veterans with Gulf War Illness?* Poster presented at the Fiftieth Annual Meeting of the International Neuropsychological Society, New Orleans, Louisiana, USA.
43. ***Karr, J. E.**, Rivera Mindt, M., & Iverson, G. L. (December 9-10, 2021). *High Score Multivariate Base Rates for the Spanish-Language NIH Toolbox Cognition Battery: Potential Resource for Assessing High-Functioning Spanish-Speaking Patients.* Paper presented at the Forty-First Annual Conference of the National Academy of Neuropsychology, Washington, District of Columbia, USA.
44. ***Karr, J. E.**, Williams, M. W., Iverson, G. L., Huang, S. J., & Yang, C. C. (December 9-10, 2021). *Headache Before and After Mild Traumatic Brain Injury: Acute-to-Subacute Outcomes in Patients with No Headache, Pre-Existing Headache, and Post-Traumatic Headache.* Poster presented at the Forty-First Annual Conference of the National Academy of Neuropsychology, Washington, District of Columbia, USA.
45. ***Karr, J. E.**, & **White, A. E.** (December 9-10, 2021). *College Students with Depression or Anxiety: Greater Subjective Cognitive Concerns, Lower Academic Self-Efficacy, but Comparable Compensatory Cognitive Strategy Use.* Poster presented at the Forty-First Annual Conference of the National Academy of Neuropsychology, Washington, District of Columbia, USA.
46. **Karr, J. E.**, Rodriguez, J. E., Goh, P. K., Martel, M. M., & Rast, P. (August 12-14, 2021). *A Network Approach to the Lifespan Development of Executive Functions.* Poster presented at the 2021 Annual Convention of the American Psychological Association, San Diego, California, USA.
47. **Karr, J. E.**, Rivera Mindt, M., & Iverson, G. L. (August 12-14, 2021). *The Normal Frequency of Low Scores on the Spanish-language NIH Toolbox Cognition Battery.* Poster presented at the 2021 Annual Convention of the American Psychological Association, San Diego, California, USA.
Note: The APA Board of Convention Affairs selected this presentation as Best Poster by an APA Member.
48. West, K. C., & **Karr, J. E.** (April 22, 2021). *Subjective Cognitive Concerns are Related to Anxiety and Depression and Not a History of Sport-Related Concussion.* Poster presented at the 2021 Meeting of the Midwestern Psychological Association, Chicago, Illinois, USA.
49. ***Karr, J. E.**, & Iverson, G. L. (October 14-16, 2020). *The Dimensionality of Symptoms Before and After Sport-Related Concussion.* Paper presented at the Fortieth Annual Conference of the National Academy of Neuropsychology, Chicago, Illinois, USA.
50. ***Karr, J. E.**, Iverson, G. L., Isokuortti, H., Kataja, A., Brander, A. E., Öhman, J., & Luoto, T. M. (October 14-16, 2020). *Signs of Injury, Preexisting Health Conditions, and Emergency Department Discharge Location among Older Adults with Mild Traumatic Brain Injuries.* Paper presented at the Fortieth Annual Conference of the National Academy of Neuropsychology, Chicago, Illinois, USA.

51. *Iverson, G. L., **Karr, J. E.**, Hong, Y., Yang, C. C., Maxwell, B. A., & Berkner, P. D. (October 14-16, 2020). *A Comparison Between English-Speaking and Mandarin-Speaking Adolescent Student Athletes on Baseline Preseason ImPACT® Neurocognitive Performances and Symptom Reporting*. Poster presented at the Fortieth Annual Conference of the National Academy of Neuropsychology, Chicago, Illinois, USA.
52. ***Karr, J. E.**, & Iverson, G. L. (August 6-8, 2020). *Advanced Interpretation of the NIH Toolbox Cognition Battery: The Normal Frequency of High Scores*. Poster presented at the 2020 Annual Convention of the American Psychological Association, Washington, District of Columbia, USA.
53. *Iverson, G. L., Jones, P. J., **Karr, J. E.**, Maxwell, B. A., Zafonte, R., Berkner, P. D., & McNally, R. J. (August 6-8, 2020). *Preseason Baseline Symptom Network Structure in Student Athletes with ADHD*. Poster presented at the 2020 Annual Convention of the American Psychological Association, Washington, District of Columbia, USA.
54. ***Karr, J. E.**, Iverson, G. L., Williams, M. W., Huang, S. J., & Yang, C. C. (July 1-2, 2020). *A Comparison of Psychological, Neuropsychological, and Symptom Outcomes following Complicated versus Uncomplicated Mild Traumatic Brain Injuries*. Poster presented at the 2020 Mid-Year Meeting of the International Neuropsychological Society, Vienna, Austria.
55. *Stenberg, J., **Karr, J. E.**, Terry, D. P., Håberg, A. K., Vik, A., Skandsen, T., & Iverson, G. L. (July 1-2, 2020). *Self-Reported Cognitive Symptoms are Only Weakly Associated with Cognitive Test Performances after Mild Traumatic Brain Injury*. Poster presented at the 2020 Mid-Year Meeting of the International Neuropsychological Society, Vienna, Austria.
56. *Stenberg, J., **Karr, J. E.**, Skandsen, T., Karlsen, R. H., Silverberg, N. D., & Iverson, G. L. (July 1-2, 2020). *Test-Retest Reliability for Cognitive Composite Scores in the CENTER-TBI Neuropsychological Test Battery*. Poster presented at the at the 2020 Mid-Year Meeting of the International Neuropsychological Society, Vienna, Austria.
57. *Stenberg, J., **Karr, J. E.**, Terry, D. P., Saksvik, S. B., Skandsen, T., Vik, A., Silverberg, N. D., & Iverson, G. L. (July 1-2, 2020). *Developing a Cognition Endpoint for the CENTER-TBI Neuropsychological Test Battery*. Poster presented at the at the 2020 Mid-Year Meeting of the International Neuropsychological Society, Vienna, Austria.
58. ***Karr, J. E.**, & Garcia-Barrera, M. A. (February 8, 2020). *Associations Between Executive Functions, Personality, and Leadership*. Poster presented at the Forty-Eighth Annual Meeting of the International Neuropsychological Society, Denver, Colorado, USA.
59. *Iverson, G. L., Jones, P. J., **Karr, J. E.**, Maxwell, B. A., Zafonte, R., Berkner, P. D., & McNally, R. J. (February 8, 2020). *Network Analysis of Preseason Physical, Cognitive, and Emotional Symptoms in Adolescent Student Athletes with a Self-Reported History of Mental Health Treatment*. Paper presented at the Forty-Eighth Annual Meeting of the International Neuropsychological Society, Denver, Colorado, USA.

60. ***Karr, J. E.**, Luoto, T. M., Gilman, I. G., Berghem, K., Kotilainen, A., & Iverson, G. L. (February 6, 2020). *Examining the Relationship Between Age and Outcome after Mild Traumatic Brain Injury*. Paper presented at the Forty-Eighth Annual Meeting of the International Neuropsychological Society, Denver, Colorado, USA.
61. ***Karr, J. E.**, Iverson, G. L., Huang, S. J., Silverberg, N. D., & Yang, C. C. (February 6, 2020). *Pre-Injury Mental Health and Perceived Change in Post-Concussion Symptoms*. Poster presented at the Forty-Eighth Annual Meeting of the International Neuropsychological Society, Denver, Colorado, USA.
62. *Cook, N. E., Iaccarino, M. A., **Karr, J. E.**, & Iverson, G. L. (February 6, 2020). *A Systematic Review on Attention-Deficit/Hyperactivity Disorder and Outcome from Sport-Related Concussion*. Poster presented at the Forty-Eighth Annual Meeting of the International Neuropsychological Society, Denver, Colorado, USA.
63. *Stenberg, J., Karlsen, R. H., Saksvik, S. B., Iverson, G. L., **Karr, J. E.**, Håberg, A. K., Vik, A., & Skandsen, T. (November 14, 2019). *Subacute Cognitive Sequelae of Mild Traumatic Brain Injury on the Cambridge Neuropsychological Test Automated Battery (CANTAB) and Traditional Neuropsychological Tests*. Poster presented at the 2019 Conference of the National Academy of Neuropsychology, San Diego, California, USA.
64. **Karr, J. E.**, Iverson, G. L., Kotilainen, A., & Luoto, T. M. (August 11, 2019). *Age, Psychiatric Diagnosis, and Outcome at One Week Following Mild Traumatic Brain Injury*. Paper presented at the 2019 Annual Convention of the American Psychological Association, Chicago, Illinois, USA.
65. ***Karr, J. E.**, Maxwell, B. A., Zafonte, R., Berkner, P. D., & Iverson, G. L. (May 3, 2019). *Differences in Symptom Clusters at Baseline Testing among Student Athletes with ADHD or Migraines*. Poster presented at the Seventh Annual Sport Concussion Symposium of the Sports Neuropsychology Society, Seattle, Washington, USA.
66. ***Karr, J. E.**, Maxwell, B. A., Zafonte, R., Berkner, P. D., & Iverson, G. L. (May 3, 2019). *A Four-Factor Symptom Model for Student Athletes with and without Prior Concussion*. Poster presented at the Seventh Annual Sport Concussion Symposium of the Sports Neuropsychology Society, Seattle, Washington, USA.
67. *Agate, F. T., Wong, R. E., Duggan, E. C., Gordon, I., Webster, L., **Karr, J. E.**, & Garcia-Barrera, M. A. (May 3, 2019). *Emotional Control is Predicted by Brain Reward Processing in Athletes with Previous Concussions*. Poster presented at the Seventh Annual Sport Concussion Symposium of the Sports Neuropsychology Society, Seattle, Washington, USA.
68. *Wong, R. E., Agate, F. T., Duggan, E. C., **Karr, J. E.**, Carr, A. D., & Garcia-Barrera, M. A. (May 3, 2019). *Exercise is effortful: Executive functions predict strenuous exercise in the past week*. Poster presented at the Seventh Annual Sport Concussion Symposium of the Sports Neuropsychology Society, Seattle, Washington, USA.
69. ***Karr, J. E.**, Maxwell, B. A., Berkner, P. D., & Iverson, G. L. (March 15, 2019). *Measurement Invariance of a Four-Factor Model of the Post-Concussion Symptom Scale across Gender at Pre-Season Baseline Testing*. Poster presented at the Thirteenth World Congress on Brain Injury, Toronto, Ontario, Canada.

70. ***Karr, J. E.**, Iverson, G. L., Isokuortti, H., Kataja, A., Brander, A. E., Öhman, J., & Luoto, T. M. (March 15, 2019). *Pre-Existing Health Problems in Older Adults with Mild Traumatic Brain Injuries*. Poster presented at the Thirteenth World Congress on Brain Injury, Toronto, Ontario, Canada.
71. *Agate, F. T., Gordon, I., **Karr, J. E.**, & Garcia-Barrera, M. A. (February 23, 2019). *Electrophysiological Markers of Reward Processing in Athletes: Do Sports Expertise and Exercise Play a Role?* Poster presented at the Forty-Seventh Annual Meeting of the International Neuropsychological Society, New York, New York, USA.
72. ***Karr, J. E.**, Cook, N. E., Terry, D. P., Maxwell, B. A., Zafonte, R., Berkner, P. D., & Iverson, G. L. (February 23, 2019). *Concussion History and Subacute Symptom Severity Among High School Athletes*. Poster presented at the Forty-Seventh Annual Meeting of the International Neuropsychological Society, New York, New York, USA.
73. *Ivins, B. J., **Karr, J. E.**, Silverberg, N. D., Cole, W. R., & Iverson, G. L. (October 18, 2018). *Comparison of Seven Executive Functioning Composite Scores in Service Members with and without Acute Mild Traumatic Brain Injury*. Poster presented at the 2018 Conference of the National Academy of Neuropsychology, New Orleans, Louisiana, USA.
74. ***Karr, J. E.**, Iverson, G. L., Katanandova, K., Terry, D. P., Öhman, J., & Luoto, T. M. (August 15, 2018). *One-Week Outcome in Older Adults with Complicated versus Uncomplicated Mild Traumatic Brain Injuries*. Poster presented at Neurotrauma 2018, the Third Joint Symposium of the International and National Neurotrauma Societies and AANS/CNS Section on Neurotrauma and Critical Care, Toronto, Ontario, Canada.
75. ***Karr, J. E.**, Rau, H. K., Peskind, E. R., & Pagulayan, K. F. (August 11, 2018). *Predicting Subjective Cognitive Change Among OEF/OIF/OND Veterans with Blast-Related mTBI*. Paper presented at the 2018 Annual Convention of the American Psychological Association, San Francisco, California, USA.
76. *Garcia-Barrera, M. A., **Karr, J. E.**, & Loaiza, C. C. (July 20, 2018). *Latent Variable Examination of Executive Functions in Industry Executives from Colombia*. Paper presented at the 2018 Mid-Year Meeting of the International Neuropsychological Society, Prague, Czech Republic.
77. *Iverson, G. L., **Karr, J. E.**, Gardner, A. J., Silverberg, N. D., & Terry, D. P. (July 19, 2018). *Mild Traumatic Brain Injury is Not Associated with a High Incidence of Chronic Cognitive Impairment*. Paper presented at the 2018 Mid-Year Meeting of the International Neuropsychological Society, Prague, Czech Republic.
78. *Iverson, G. L., Ivins, B. J., **Karr, J. E.**, Crane, P. K., Lange, R. T., Cole, W. R., & Silverberg, N. D. (June 11-13, 2018). *Examining New Composite Scores for the ANAM4 TBI-MIL in U.S. Service Members with Mild TBI*. Poster presented at the Fourth Federal Interagency Conference on Traumatic Brain Injury, Washington, District of Columbia, USA.
79. ***Karr, J. E.**, Iverson, G. L., Holdnack, J. A., & Garcia-Barrera, M. A. (February 15, 2018). *The Other Side of the Bell Curve: Multivariate Base Rates of High Scores in Executive Function Assessment*. Paper presented at the Forty-Sixth Annual

- Meeting of the International Neuropsychological Society, Washington, District of Columbia, USA.
80. *Terry, D. P., Silverberg, N. D., **Karr, J. E.**, Panenka, W., & Iverson, G. L. (February 15, 2018). *Perceived Injustice is Associated with Worse Outcome from Mild Traumatic Brain Injury*. Poster presented at the Forty-Sixth Annual Meeting of the International Neuropsychological Society, Washington, District of Columbia, USA.
 81. ***Karr, J. E.**, Terry, D. P., Maxwell, B. A., Mannix, R., Zafonte, R., Berkner, P. D., & Iverson, G. L. (February 14, 2018). *Acute Symptoms Predict Return to School Following Concussion in Student Athletes*. Poster presented at the Forty-Sixth Annual Meeting of the International Neuropsychological Society, Washington, District of Columbia, USA.
 82. ***Karr, J. E.**, Hofer, S. M., Iverson, G. L., & Garcia-Barrera, M. A. (August 3, 2017). *Latent Variable Modeling of the Delis-Kaplan Executive Function System*. Paper presented at the 2017 Annual Convention of the American Psychological Association, Washington, District of Columbia, USA.
 83. *Graham, R. B., **Karr, J. E.**, Muniz-Terrera, G., & Hofer, S. M. (July 23, 2017). *A Systematic Review of Change Point Studies on Cognitive and Neurologic Outcomes Preceding Dementia*. Poster presented at the Twenty-First World Congress of the International Association of Gerontology and Geriatrics, San Francisco, California, USA.
 84. *Halliday, D. R. W., Gordon, I., Agate, F. T., **Karr, J. E.**, & Garcia-Barrera, M. A. (July 6, 2017). *Enhanced Executive Functioning Revealed in Electrophysiological Markers in Athletes with and without Previous Concussions*. Paper presented at the 2017 Mid-Year Meeting of the International Neuropsychological Society, Cape Town, South Africa.
 85. Agate, F. T., Gordon, I., Hodges, W., Skrzypczynski, V., **Karr, J. E.**, & Garcia-Barrera, M. A. (April 28, 2017). *Enhanced Sensitivity Towards Rewards Revealed in Electrophysiological Markers in Athletes with and without Previous Concussions*. Poster presented at the Fifth Annual Concussion Symposium and Meeting of the Sports Neuropsychology Society, Cleveland, Ohio, USA.
 86. Wong, R. E., **Karr, J. E.**, Mrazik, M., & Garcia-Barrera, M. A. (April 28, 2017). *Deriving a Screener of Executive Behaviors: Applications to Adolescent Hockey Players with or without Concussions*. Poster presented at the Fifth Annual Concussion Symposium and Meeting of the Sports Neuropsychology Society, Cleveland, Ohio, USA.
 87. ***Karr, J. E.**, Terry, D. P., Garcia-Barrera, M. A., Holdnack, J. A., Silverberg, N., & Iverson, G. L. (March 31, 2017). *Endpoint Scores of Executive Functioning for Acquired Brain Injury Studies*. Poster presented at the Twelfth World Congress on Brain Injury, New Orleans, Louisiana, USA.
 88. ***Karr, J. E.**, Iverson, G. L., & Garcia-Barrera, M. A. (February 4, 2017). *Multivariate Assessment of Executive Functions: Frequency of Low Scores on the Delis-Kaplan Executive Function System*. Poster presented at the Forty-Fifth Annual Meeting of the International Neuropsychological Society, New Orleans, Louisiana, USA.
 89. ***Karr, J. E.**, Areshenkoff, C. N., Kilshaw, R. E., Tonkin, R. J., Hofer, S. M.,

- Iverson, G. L., & Garcia-Barrera, M. A. (February 2, 2017). *The Dimensionality of Executive Function throughout Adulthood: A Systematic Review and Reanalysis of Latent Variable Studies*. Paper presented at the Forty-Fifth Annual Meeting of the International Neuropsychological Society, New Orleans, Louisiana, USA.
90. ***Karr, J. E.**, Garcia-Barrera, M. A., & Kibby, M. Y. (August 7, 2016). *Sensitivity/Specificity of an Executive Function Screener at Detecting ADHD and Reading Disability*. Poster presented at the 2016 Annual Convention of the American Psychological Association, Denver, Colorado, USA.
Note: The APA Division 40 Society for Clinical Neuropsychology selected this presentation for a Student Research Award.
91. *Smart, C. M., **Karr, J. E.**, Areshenkoff, C. N., Rabin, L. A., Hudon, C., Ali, J. I., ... & the Subjective Cognitive Decline Initiative (SCD-I) Working Group (July 25, 2016). *Impact of Non-Pharmacologic Interventions on Cognitive, Behavioral, and Emotional Functioning in Older Adults with Subjective Cognitive Decline: A Systematic Review of Controlled Trials*. Poster presented at the 2016 Alzheimer's Association International Conference, Toronto, Ontario, Canada.
92. Dugbartey, A. T., Miezah, D., Anum, A., & **Karr, J. E.** (June 9, 2016). *Cross-Cultural Factor Structure of the WAIS-IV Among a Ghanaian Population*. Poster presented at the Seventy-Seventh Annual Convention of the Canadian Psychological Association, Victoria, British Columbia, Canada.
93. Garcia-Barrera, M. A., Gordon, I., & **Karr, J. E.** (May 19, 2016). *Neuropsicología del Deporte [Sports Neuropsychology]*. Invited keynote address at the Ninth International Congress on Mind and Brain, Asociación Latinoamericana de Neuropsicología, Guadalajara, Mexico.
94. Maja, R. A., **Karr, J. E.**, & Garcia-Barrera, M. A. (May 12, 2016). *Adverse Childhood Experiences and Executive Functioning*. Poster presented at the Sixteenth Annual Meeting of Northwest Cognition and Memory, Vancouver, British Columbia, Canada.
95. ***Karr, J. E.**, & Garcia-Barrera, M. A. (August 8, 2015). *Bifactor Modeling of a Multidimensional Screener for the Behavioral Assessment of Executive Functioning*. Paper presented at the 2015 Annual Convention of the American Psychological Association, Toronto, Ontario, Canada.
Note: The APA Division 40 Society for Clinical Neuropsychology selected this presentation for a Student Research Award.
96. Duggan, E. C., Lim, R., Sutton, K. A., **Karr, J. E.**, Moore, W. R., Areshenkoff, C. N., Gordon, I., & Garcia-Barrera, M. A. (May 17, 2014). *Updating Working Memory and Inhibition in Athletes: Examining the Neural Markers of Concussion*. Paper presented at the Fourteenth Annual Meeting of Northwest Cognition and Memory, Victoria, British Columbia, Canada.
97. Moore, W. R., **Karr, J. E.**, Duggan, E. C., Areshenkoff, C. N., Gordon, I., & Garcia-Barrera, M. A. (May 17, 2014). *Reward/valence Processing and Attention Shifting in Athletes: Examining the Neural Markers of Concussion*. Paper presented at the Fourteenth Annual Meeting of Northwest Cognition and Memory, Victoria, British Columbia, Canada.

98. Garcia-Barrera, M. A. & **Karr, J. E.** (February 28, 2014). Las secuelas cognitivas de las concusiones en la función ejecutiva [Cognitive sequelae of concussion on executive function]. In F. Ostrosky (Chair), *Lóbulos frontales, función ejecutiva y neurociencia social* [Frontal lobes, executive function and social neuroscience]. Symposium conducted at the Eighth International Congress on Brain and Mind, Asociación Latinoamericana de Neuropsicología, Barranquilla, Colombia.
99. *Direnfeld, E. Y., Duran, V., **Karr, J. E.**, Garcia-Barrera, M. A., & Pineda, D. A. (February 14, 2014). *Further Examination of a Cross-Cultural Executive Functioning Screener and its Utility in Clinical Populations*. Poster presented at the Forty-Second Annual Meeting of the International Neuropsychological Society, Seattle, Washington, USA.
100. *Duggan, E. C., **Karr, J. E.**, Duran, V., McMynn, C., Finnamore, D., & Garcia-Barrera, M. A. (February 14, 2014). *Derivation and Convergent Validity Analysis of a Screener for the Behavioral Assessment of Executive Functions in Young Adults*. Poster presented at the Forty-Second Annual Meeting of the International Neuropsychological Society, Seattle, Washington, USA.
101. ***Karr, J. E.**, Areshenkoff, C. N., & Garcia-Barrera, M. A. (February 14, 2014). *The Sensitivity of Executive Functions to Multiple Self-Reported Concussions*. Poster presented at the Forty-Second Annual Meeting of the International Neuropsychological Society, Seattle, Washington, USA.
102. *Lim, R., Areshenkoff, C. N., **Karr, J. E.**, Crevier-Quintin, E., Sutton, K., & Garcia-Barrera, M. A. (February 14, 2014). *A Quantitative Review of Cognitive Training Effects on the Executive Functions of Older Adults*. Poster presented at the Forty-Second Annual Meeting of the International Neuropsychological Society, Seattle, Washington, USA.
103. *Sutton, K. A., Areshenkoff, C. N., **Karr, J. E.**, Crevier-Quintin, E., Lim, R., & Garcia-Barrera, M. A. (February 14, 2014). *Physical Exercise Interventions for Executive Functions at Later Age: An Evaluation of Pre-Post Controlled Trials*. Poster presented at the Forty-Second Annual Meeting of the International Neuropsychological Society, Seattle, Washington, USA.
104. Cain, D. T., Olson, R. B., Walters, J. K., Douglas, J. P., Zoller, E., & **Karr, J. E.** (October 14, 2013). *Elevated Occupational Transportation Fatalities Among Older Workers in Oregon: An Empirical Investigation*. Paper presented at the Sixty-Ninth Annual Conference and Meeting of the Oregon Public Health Association, Corvallis, Oregon, USA.
105. *Areshenkoff, C. N., **Karr, J. E.**, & Garcia-Barrera, M. A. (July 12, 2013). *Performance Patterns of Card Selection during the Iowa Gambling Task: Preliminary Evidence of High Sensitivity to Losses after mTBI*. Poster presented at the 2013 Mid-Year Meeting of the International Neuropsychological Society, Amsterdam, The Netherlands.
106. *Garcia-Barrera, M. A., **Karr, J. E.**, Areshenkoff, C. N., Jewett, D. C., Tutt, G. D., & McMynn, C. (July 12, 2013). *The Elusive Outcomes of Executive Control after Concussive Events: A Meta-Review and Empirical Study*. Poster presented at the 2013 Mid-Year Meeting of the International Neuropsychological Society, Amsterdam, The Netherlands.

107. Garcia-Barrera, M. A., **Karr, J. E.**, Areshenkoff, C. N., Jewett, D. C., Tutt, G. D., & McMynn, C. (May 4, 2013). *Systematic Review of Meta-analyses and Empirical Examination of Executive Functions in Young Athletes with Concussions*. Poster presented at the 2013 Annual Meeting of the Sports Neuropsychological Society: International Sports Concussion Symposium, Minneapolis, Minnesota, USA.
108. **Karr, J. E.**, Garcia-Barrera, M. A., Kerns, K. A., Mueller, U., Baron, I. S., & Litman, F. R. (April 19, 2013). *Derivation of a Behavioral Executive Functioning Screener in Preschoolers using a Latent Variable Approach*. Poster presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, Washington, USA.
109. *Alexander, J. E., Sensibaugh, T., **Karr, J. E.**, Serres, E., Grindstaff, T. R., & Alexander, R. G. (April 13, 2013). *Anterior-Posterior and Lateral-Medial Changes in P200 Amplitude during a Self-Evaluation Task*. Poster presented at the Twentieth Annual Cognitive Neuroscience Society Meeting, San Francisco, California, USA.
110. *Moore, W. R., Garcia-Barrera, M. A., Davidow, J. H., Baker, T., Holroyd, C. B. & **Karr, J. E.** (February 9, 2013). *Electrophysiological and Behavioral Investigation of Dopamine-Related Error Processing in Individuals Who Stutter: A Foundation for Future Treatments*. Poster presented at the Forty-First Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii, USA.
111. ***Karr, J. E.**, Garcia-Barrera, M. A., & Kamphaus, R. W. (February 8, 2013). *Modeling Longitudinal Invariance of Executive Functions in Children*. Paper presented at the Forty-First Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii, USA.
112. *Areshenkoff, C. N., **Karr, J. E.**, Crevier-Quintin, E., & Garcia-Barrera, M. A. (February 7, 2013). *The Benefits of Physical and Cognitive Training Programs on Executive Functions among Older Adults: A Meta-Analytical Comparison*. Poster presented at the Forty-First Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii, USA.
113. *Direnfeld, E. Y., **Karr, J. E.**, Garcia-Barrera, M. A., & Pineda, D. A. (February 7, 2013). *Cross-cultural Validation of a Screener for Executive Functions*. Poster presented at the Forty-First Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii, USA.
114. **Karr, J. E.**, Areshenkoff, C. N., Evans, J., Jewett, D. C., Nguyen, K., Tutt, G. D., & Garcia-Barrera, M. A. (October 20, 2012). *Physical Exercise versus Cognitive Training on Executive Functioning: It's a Tie! A Meta-Analysis of Controlled Trials during Healthy Aging, 2000-2011*. Paper presented at the Forty-First Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Vancouver, British Columbia, Canada.
115. Olson, R. B., Walters, J. K., **Karr, J. E.**, & Zoller, E. (May 27, 2012). *Aging Workers at Increased Risk of Fatal Transportation-Related Injuries*. In N. E. Gravina (Chair), *Behavioral Strategies for Prevention in Safety*. Symposium conducted at the Thirty-Eighth Annual Convention of the Association for Behavior Analysis International, Seattle, Washington, USA.

116. Grindstaff, T. R., **Karr, J. E.**, Areshenkoff, C. N., Saville, K. A., Alexander, J. E., & Alexander, R. G. (May 26, 2012). *Frontal and Parietal Differences in P300 Amplitude and Latency during a Self-Evaluation Task*. Poster presented at the Twenty-Fourth Annual Convention of the Association for Psychological Science, Chicago, Illinois, USA.
117. ***Karr, J. E.**, Grindstaff, T. R., & Alexander, J. E. (February 17, 2012). *Omega-3 Polyunsaturated Fatty Acids and Cognition in a College-Aged Population*. Poster presented at the Fortieth Annual Meeting of the International Neuropsychological Society, Montreal, Quebec, Canada.
118. **Karr, J. E.**, Jewett, D. C., Tutt, G., Evans, J., Nguyen, K., & Garcia-Barrera, M. A. (February 16-17, 2012). *The Relationship between Concussions, Neuroplasticity, and Executive Functioning in Athletic Populations: A Review*. Poster presented at the Twenty-Second Annual Pacific Coast Brain Injury Conference, Vancouver, British Columbia, Canada.
119. ***Karr, J. E.**, Grindstaff, T. R., & Alexander, J. E. (April 4, 2011). *Omega-3 Fatty Acid Supplementation and Cognition in a College-aged Population: A Randomized, Placebo-Controlled, Double-Blind Pilot Study*. Poster presented at the Eighteenth Annual Cognitive Neuroscience Society Meeting, San Francisco, California, USA.
120. *Grindstaff, T. R., **Karr, J. E.**, Alexander, J. E., & Alexander, R. G. (April 3, 2011). *The Effects of a Self-Evaluation Task on the P300 Event Related Potential*. Poster presented at the Eighteenth Annual Cognitive Neuroscience Society Meeting, San Francisco, California, USA.
121. **Karr, J. E.**, Grindstaff, T. R., Alexander, J. E., & Alexander, R. G. (February 26, 2011). *The Effects of a Self-Evaluation Task on the P300 Event Related Potential*. Paper presented at the Seventieth Annual Oregon Academy of Science Meeting, Portland, Oregon, USA.
122. **Karr, J. E.** (April 4, 2009). *Odysseus and Antinous: Two Peas in an Epic Pod*. Paper presented at the Northwest Undergraduate Conference on Literature, Portland, Oregon, USA.
123. **Karr, J. E.** (February 28, 2009). *Omega-3 Polyunsaturated Fatty Acids: Their Effects on Health, the Brain, and their Importance in the Human Diet*. Paper presented at the Sixty-Eighth Annual Oregon Academy of Science Meeting, Monmouth, Oregon, USA.

Non-Refereed Presentations

1. **Karr, J. E.** (August 24, 2023). *Cultural Neuropsychology*. Lecture presented to the Diversity Cafe Seminar Series, Veterans Affairs Puget Sound Health Care System, Seattle Division, Seattle, Washington, USA.
2. **Karr, J. E.** (April 28, 2022). *Understanding Outcome Following Mild Traumatic Brain Injury: New Approaches and Underrepresented Populations*. Lecture presented to the Spinal Cord and Brain Injury Research Center Seminar, University of Kentucky, Lexington, Kentucky, USA.
3. **Karr, J. E.** (February 24, 2022). *The Spanish-language NIH Toolbox Cognition Battery: A Multivariate Interpretation*. Lecture presented to the Bluegrass Area Neuropsychology Group, University of Kentucky, Lexington, Kentucky, USA.

4. **Karr, J. E.** (June 4, 2021). *New Approaches to Executive Function Measurement*. Lecture presented to the Segerstrom Lab, University of Kentucky, Lexington, Kentucky, USA.
5. **Karr, J. E.** (April 19, 2021). *What is Clinical Neuropsychology?* Lecture presented to the Clinical Assistant Professional Development Seminar, Jesse G. Harris, Jr. Psychological Services Center, University of Kentucky, Lexington, Kentucky, USA.
6. **Karr, J. E.** (June 5, 2020). *Delirium*. Lecture presented to Neuropsychology Rounds at Home Base, A Red Sox Foundation and Massachusetts General Hospital Program, Charlestown, Massachusetts, USA.
7. **Karr, J. E.** (April 3, 2020). *Multiple Sclerosis: A Case Presentation*. Lecture presented to Neuropsychology Rounds at Home Base, A Red Sox Foundation and Massachusetts General Hospital Program, Charlestown, Massachusetts, USA.
8. **Karr, J. E.** (November 27, 2017). *How Many Executive Functions Are There?* Lecture presented at the Veterans Affairs Puget Sound Healthcare System Neuropsychology Seminar Series, Seattle, Washington, USA.
9. **Karr, J. E.** (June 23, 2017). *Towards a Multivariate Assessment of Executive Functions*. Lecture presented at the Cognition and Brain Sciences Seminar, University of Victoria, British Columbia, Canada.
10. Smart, C. M., **Karr, J. E.**, Areshenkoff, C. N., Rabin, L. A., Hudon, C., Ali, J. I., ... & the Subjective Cognitive Decline Initiative (SCD-I) Working Group (July 23, 2016). *SCD Non-Pharmacologic Interventions Project (SCD-NPI): Systematic Review and Meta-Analysis*. Invited lecture presented to the Subjective Cognitive Decline Professional Interest Area at the 2016 Alzheimer's Association International Conference, Toronto, Ontario, Canada.
11. Garcia-Barrera, M. A., **Karr, J. E.**, & Gordon, I. (April 25, 2015). *Comparación de los efectos positivos de la actividad deportiva contra los efectos negativos de las concusiones en el deporte, en las funciones ejecutivas [Comparison of the Positive Effects of Sports Activity Versus the Negative Effects of Sports Concussions on Executive Functions]*. Invited lecture presented at the Institute of Neurosciences Colloquium Series, University of Guadalajara, Mexico.
12. Garcia-Barrera, M. A., **Karr, J. E.**, & Gordon, I. (March 19, 2015). *To Play or Not to Play: Exploring the Positive Effects of Physical Exercise Against the Negative Effects of Concussions*. Lecture presented at the Psi Chi Brain Awareness Week, University of Victoria, British Columbia, Canada.
13. **Karr, J. E.** (December 1, 2014). *Getting your Variables Right: The Importance of Measurement in Answering your Research Question*. Lecture presented to the Psychology Honors Seminar, University of Victoria, British Columbia, Canada.
14. **Karr, J. E.** (November 13, 2014). *How to Interpret a Meta-Analysis*. Lecture presented at the Clinical Psychology Colloquium, University of Victoria, British Columbia, Canada.
15. **Karr, J. E.** (January 31, 2014). *The Cognitive Sequelae of Concussion: The Curious Case of Executive Functions*. Lecture presented at the Cognition and Brain Sciences Seminar, University of Victoria, British Columbia, Canada.

16. **Karr, J. E.** (January 23, 2014). *Concussion, Intra-Individual Variability, and Executive Functions*. Lecture presented at the Clinical Psychology Colloquium, University of Victoria, British Columbia, Canada.
17. **Karr, J. E., Areshenkoff, C. N., Crevier-Quintin, E., & Garcia-Barrera, M. A.** (June 5, 2013). *The Benefits of Physical and Cognitive Training Programs on Executive Functions among Older Adults: A Meta-Analytical Comparison*. Poster presented at the Research on Aging Event during the 2013 Congress of the Humanities and Social Sciences, University of Victoria, British Columbia, Canada.
18. Brewster, P. W., & **Karr, J. E.** (April 10, 2013). *Dealing with Sources of Systematic Variance in the Measurement of Intra-Individual Variability*. Lecture presented at the Department of Psychology Methods Seminar, University of Victoria, British Columbia, Canada.
19. **Karr, J. E., & Areshenkoff, C. N.** (October 3, 2012). *A Meta-Analysis of Controlled Clinical Trials: A Series of Methodological Considerations*. Lecture presented at the Department of Psychology Methods Seminar, University of Victoria, British Columbia, Canada.
20. **Karr, J. E., & Jewett, D. C.** (October 21, 2011). *An Examination of Executive Functioning in Athletes with and without Concussion History*. Lecture presented to CORTEX: A Research Lab for the Study of Executive Functions, University of Victoria, British Columbia, Canada.
21. **Karr, J. E., Zoller, E., & Olson, R. B.** (August 18, 2011). *Higher Occupational Fatality Rates among Older Transportation Workers: Hypotheses to Explain the Risks for an Aging Workforce*. Poster presented at the 2011 Summer Research Poster Session, Oregon Health and Science University, Portland, Oregon, USA.

FELLOWSHIPS, SCHOLARSHIPS, AND AWARDS

2023	National Academy of Neuropsychology Early Career Award
2022	APA Division 40 Society for Clinical Neuropsychology Presidential Citation for Outstanding Service
2021	APA 2021 Convention Best Poster Award
2019-2020	Spaulding Research Institute Leadership Catalyst Fellowship
2019	University of Victoria (UVic) Governor General's Gold Medal for Outstanding Dissertation
2018	Canadian Psychological Association Certificate of Academic Excellence
2018	Certificate of Merit for Outstanding Student Presentation Focused on Assessment and Emerging Leaders in Assessment Award, sponsored by APA Divisions 5, 12 (Section IX), and 40
2018	<i>The Clinical Neuropsychologist</i> /American Academy of Clinical Neuropsychology Student Paper Competition, Runner-up
2017	British Columbia Psychological Association Outstanding Achievement in Psychology Award
2017	UVic John and Myrtle Tilley Graduate Scholarship
2016	UVic Psychology Department Arthur Lester Benton Award
2016	UVic Graduate Award
2016	APA Division 40 Society for Clinical Neuropsychology Blue Ribbon Award for Best Student Research Abstract

2015	UVic Alexander and Helen Stafford MacCarthy Muir Graduate Scholarship
2015	APA Division 40 Society for Clinical Neuropsychology Translational Science Research Award
2015	The Assembly of Scientist/Practitioner Psychologists Student Travel Award to the APA Council of Representatives Meeting
2014	UVic Mrs. Annie Greskiw Graduate Award
2013-2016	Vanier Canada Graduate Scholarship, awarded by the Natural Sciences and Engineering Research Council of Canada
2013	UVic Lieutenant Governor's Silver Medal for Top Master's Thesis, Finalist
2013	American Psychological Foundation/Council of Graduate Departments of Psychology (APF/COGDOP) William and Dorothy Bevan Scholarship
2012	Rhodes Scholarship Finalist
2012	UVic Psychology Department Norma M. Wilson Graduate Scholarship
2012	APF/COGDOP Peter and Malina James & Dr. Louis P. James Legacy Scholarship
2011	UVic Psychology Department Dr. Robert Michael Peet Graduate Scholarship
2011-2013	UVic Faculty of Graduate Studies Fellowship
2011	National Collegiate Athletic Association Postgraduate Scholarship
2011	The Honor Society of Phi Kappa Phi Graduate Fellowship Award
2011	Psi Chi/Allyn & Bacon Psychology Award for Undergraduate Research
2011	Western Oregon University Delmer Dewey Award for the Outstanding Graduating Man

GRANT FUNDING

Current Research Support

Research Project Grant (R01) National Institute of Mental Health <i>Neural Mechanisms of Menstrual Cycle Effects on ADHD and Cognition</i> Role: Co-Investigator	(PI: M. M. Martel)	2024-2029
BIRCWH Scholar (K12-DA035150) National Institute on Drug Abuse / Office of Research on Women's Health <i>Examining Acute to Long-term Sequelae of Traumatic Brain Injury in Women Survivors of Intimate Partner Violence</i> Role: Scholar (Institutional K12)	(PI: T. Curry)	2023-2025
Research Project Grant (R01-AG026307) National Institute on Aging <i>Self-Regulation and Brain and Cognitive Health in Older Adults</i> Role: Co-Investigator	(PI: S. C. Segerstrom)	2021-2024

Completed Research Support

Pilot Research Grant (UL1TR001998)	(PI: J. E. Karr)	2022-2024
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University of Kentucky Center for Clinical and Translational Science

The Chronic Sequelae of Repetitive Mild Traumatic Brain Injury in Women Survivors of Intimate Partner Violence: A Biopsychosocial Approach

Role: Principal Investigator

Clinical Research Grant (PI: J. E. Karr) 2020-2021

National Academy of Neuropsychology

Advanced Psychometric Interpretation of the Spanish-language NIH Toolbox Cognition Battery: Developing Diagnostic Algorithms for Cognitive Impairment and Interpreting Reliable Change

Role: Principal Investigator

Submitted (Not funded)

Research Project Grant (R01) (PI: J. E. Karr) Submitted 02/2024

National Institute of Neurological Disorders and Stroke

Traumatic Brain Injuries in Women Survivors of Intimate Partner Violence: Identifying Cases and Understanding Biopsychosocial Outcomes

Role: Principal Investigator

Research Project Grant (R01) (PI: S. C. Segerstrom) Submitted 11/2023

National Institute on Aging

Personality, ADRD Risk, and Cognitive Decline in Older Adults

Role: Co-Investigator (Subcontract PI)

Research Project Grant (R01) (PI: J. E. Karr) Submitted 05/2022

National Institute of Neurological Disorders and Stroke

Long-term Biopsychosocial Sequelae of Repetitive Mild Traumatic Brain Injury in Women Survivors of Intimate Partner Violence

Role: Principal Investigator

PROFESSIONAL ACTIVITIES

Administrative Roles

1/24 – 6/24 Interim Co-Director of Clinical Training, Clinical Psychology Doctoral Training Program, Department of Psychology, University of Kentucky

8/20 – Pres. Clinical Neuropsychology Concentration Coordinator, Clinical Psychology Doctoral Training Program, Department of Psychology, University of Kentucky

Board and Committee Memberships

8/23 – 12/23 University of Kentucky Clinical Psychology Faculty Search Committee, Member

1/23 – Pres. Society for Clinical Neuropsychology Executive Committee, Member

1/23 – Pres. APA Council of Representatives, Representative for Society for Clinical Neuropsychology (APA Division 40)

- 11/22 – 3/23 University of Kentucky Jesse G. Harris, Jr. Psychological Services Center
Director Search Committee, Member
- 1/22 – Pres. NAN Clinical Research Grants Committee, Member
- 10/20 – 4/22 Society for Clinical Neuropsychology (APA Division 40) Strategic Planning
Committee, Member
- 1/19 – 12/19 APA of Graduate Students (APAGS) Committee, Past-Chair
- 7/18 – 12/19 APA Board of Directors, Member
- 1/18 – 12/18 APAGS Committee, Chair
- 1/18 – 12/18 APA Agenda Planning Group, Member
- 9/17 – 8/18 Seattle VA Internship Program Seminar Committee, Member
- 8/17 – Pres. International Neuropsychological Society Meeting Program Committee, Abstract
Reviewer and Session Moderator
- 1/17 – 6/18 APA Council Leadership Team, APAGS Member
- 1/17 – 12/19 APA Council of Representatives, APAGS Member
- 8/16 – 12/17 APAGS Committee, Chair-Elect
- 2/16 – 11/16 APA CEO Search Committee, Member
- 9/14 – 8/15 UVic Department of Psychology, Standing Committee on Clinical Training,
Neuropsychology Student Member
- 8/14 – 8/16 APAGS Committee, Member-at-large
- 9/13 – 8/14 UVic Department of Psychology, Neuropsychology Student Representative
- 9/12 – 8/13 UVic Department of Psychology Graduate Executive Committee, Student
Member
- 9/12 – 8/14 Canadian Union of Public Employees, Local 4163, Component One, University
of Victoria Teaching Assistants Union, Executive Committee, Member-at-Large

Other Service Activities

- 11/20 Brown University Psychology Department Undergraduate Group Career Panel,
Invited Speaker
- 4/19 – Pres. National Academy of Neuropsychology Annual Conference, Abstract Reviewer
- 8/14 – 9/16 APAGS Award and Scholarship Applications/Nominations, Reviewer
- 8/15 – 8/16 APAGS Ambassador at APA Annual Convention
- 4/12 Association for Psychological Science Student Caucus (APSSC) Student
Research Award Competition, Peer Reviewer
- 9/11 – 8/17 UVic CORTEX Laboratory – Bridging Research Assistants in Neuropsychology,
Graduate Research Leader

Professional Affiliations

- 1/23 – Pres. International Neuropsychological Society, Member
- 1/21 – Pres. Kentucky Psychological Association, Member
- 4/20 – Pres. National Academy of Neuropsychology, Member
- 1/20 – 12/21 APA Division 5: Quantitative and Qualitative Methods, Member
- 1/19 – Pres. Society for Clinical Neuropsychology (APA Division 40), Member
- 9/18 – Pres. American Psychological Association, Member
- 1/16 – 12/18 Society for Clinical Neuropsychology (APA Division 40), Student Affiliate

- 1/14 – 12/15 Canadian Psychological Association, Student Affiliate
- 1/13 – 12/13 Society for Research in Child Development, Student Member
- 1/11 – 12/13 Association for Psychological Science, Graduate Student Affiliate
- 1/11 – 8/18 American Psychological Association, Student Affiliate
- 1/11 – 12/12 The Honor Society of Phi Kappa Phi, Member
- 1/10 – 12/11 Cognitive Neuroscience Society, Student Member
- 1/09 – Pres. Psi Chi, the International Honor Society in Psychology, Member
- 1/09 – Pres. Oregon Academy of Sciences, Member

Grant Reviewing

- 6/23 Reviewer, 2023-24 Clinical Research Grants, National Academy of Neuropsychology
- 2/23 Reviewer, Equipment Grant Competition, Neuroscience Research Priority Area, University of Kentucky
- 6/22 Reviewer, 2022-23 Clinical Research Grants, National Academy of Neuropsychology
- 1/22 – 2/22 Scientist Reviewer, Cognitive and Psychosocial – 2 (CPS-2), FY21 Traumatic Brain Injury and Psychological Health Research Program (TBIPHRP), Department of Defense (DOD), Congressionally Directed Medical Research Programs (CDMRP)

Academic Reviewing

- 1/19 – Pres. Consulting Editor, *Psychological Assessment*
- 1/12 – Pres. Ad Hoc Reviewer, *Ageing Research Reviews, Agro Food Industry High-tech, Applied Neuropsychology: Adult, Archives of Clinical Neuropsychology, Assessment, Behavioural Brain Research, Biomarkers in Neuropsychiatry, Brain Injury, Developmental Neuropsychology, Developmental Science, European Journal of Nutrition, European Journal of Sport Science, Journal of Applied Developmental Psychology, Journal of Applied Psychology, Journal of Clinical and Experimental Neuropsychology, Journal of Gerontology: Psychological Sciences, Journal of Neurotrauma, Journal of the International Neuropsychological Society, Neuropsychology, Neuropsychology Review, Nutrition Journal, Nutritional Neuroscience, Obesity, PLOS ONE, Proteome Science, Psychological Assessment, Psychological Review, Rehabilitation Psychology, Scientific Reports, The Clinical Neuropsychologist, Training and Education in Professional Psychology, Translational Issues in Psychological Science*

Formal Mentorship Roles

- 8/24 – Pres. Tessa Fagle, Role: Graduate Mentor
Student awards received: Psychology Entry Fellowship
- 8/22 – Pres. Sharon Chen, Role: Graduate Mentor

- Student awards received:* Psychology Entry Fellowship, Lyman T. Johnson Diversity Fellowship; United in True Racial Equity (UNITE) Research Enhancement Program, Predoctoral Fellowship
- 8/21 – Pres. Cristina Pinheiro, Role: Graduate Mentor
Student awards received: UK Scholarship in Aging Award; American Psychosomatic Society MacLean Scholar
- 8/21 – Pres. Eric Ingram, Role: Graduate Mentor
Student awards received: Lyman T. Johnson Diversity Fellowship; United in True Racial Equity (UNITE) Research Enhancement Program, Predoctoral Fellowship; University of Kentucky Department of Psychology Predoctoral Research Award; *Diverse*[®] Rising Graduate Scholar

Honors Thesis Supervision

- 8/23 – 5/24 Sydney Mueller, Department of Psychology, College of Arts and Sciences, University of Kentucky
Role: Honors Thesis Supervisor
- 8/23 – 5/24 Hannah Hardendorf, Department of Psychology, College of Arts and Sciences, University of Kentucky
Role: Honors Thesis Supervisor

Master's Thesis and Doctoral Dissertation Committees

- 8/24 – Pres. Tessa Fagle, Department of Psychology, College of Arts and Sciences, University of Kentucky
Role: Master's Thesis Chair
- 4/24 – Pres. Eric O. Ingram, Department of Psychology, College of Arts and Sciences, University of Kentucky
Role: Doctoral Advisory Committee Chair
- 8/23 – Pres. Tobiloba R. Quadri, Department of Psychology, College of Liberal Arts and Social Sciences, University of Houston
Thesis Chair: Michael W. Williams, Ph.D.
Role: Member
- 6/23 – Pres. Keegan Lawrence, Department of Economics, University of Victoria, Faculty of Social Sciences, University of Victoria
Thesis Chair: Tao Wang, Ph.D.
Role: External Member
- 8/22 – Pres. Sharon E. Chen, Department of Psychology, College of Arts and Sciences, University of Kentucky
Role: Master's Thesis Chair
- 2/22 – 7/22 Kristen Weidner, Rehabilitation and Health Sciences Program, College of Health Sciences, University of Kentucky
Title: *Telehealth Readiness in Older Adults in Kentucky*
Dissertation Chair: Julie J. Lowman, Ph.D.
Role: Member

- 8/21 – 4/24 Cristina N. Pinheiro, Department of Psychology, College of Arts and Sciences, University of Kentucky
Title: *Extracellular free water as a neuroimaging biomarker of neuroinflammation*
Role: Master's Thesis Chair
- 8/21 – 8/23 Eric O. Ingram, Department of Psychology, College of Arts and Sciences, University of Kentucky
Title: *The Sport Concussion Assessment Tool: A Multidimensional Symptom Model for Detecting Elevated Post-Concussion Symptoms*
Role: Master's Thesis Chair
- 7/21 – 7/22 Stephanie T. Judge, Department of Psychology, College of Arts and Sciences, University of Kentucky
Title: *Pain Interference Across Chronic Pain Populations: Variability and Associated Psychosocial Processes*
Dissertation Chair: Suzanne C. Segerstrom, Ph.D.
Role: Member