

ASHLEY F. CURTIS, PhD

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EDUCATION

- 2017 **PhD, Psychology** (Brain, Behavior and Cognitive Science), York University, Toronto, ON
Dissertation: *Cueing Visual Spatial Working Memory: Effects of Cue Modality, Cue Type and Age* (Advisor: Dr. Susan Murtha)
- 2012 **Neuroscience Graduate Diploma**, York University, Toronto, ON
- 2010 **MA, Psychology** (Brain, Behavior and Cognitive Science), York University, Toronto, ON
Thesis: *Attention and Visual Short-Term Memory Across the Lifespan: Effects of Cross-Modal Cueing* (Advisor: Dr. Susan Murtha)
- 2007 **BSc (Specialized Honors)**, Psychology, York University, Toronto, ON
Honors Thesis: *Effects of Acute Crowding on Cognitive Function*
(Advisor: Dr. Laura Booth)
- 2000-2002 **Anatomy and Cell Biology Program**, McGill University, Montreal, QC

POSITIONS HELD

- 2023-present **Assistant Professor**, College of Nursing, University of South Florida (USF), Tampa, FL
Director, Cognition, Aging, Sleep and Health Lab (CASH Lab)
Assistant Director, Sleep and Health Innovations in Neurobehavioral (SHINE) Science Center
- 2023-present **Graduate Affiliate Faculty**, Department of Psychology, USF
- 2023-present **Adjunct Faculty**, Department of Psychological Sciences,
University of Missouri, Columbia, MO
- 2019-2022 **Assistant Professor**, Departments of Psychiatry and Psychological Sciences,
University of Missouri, Columbia, MO
Director, Cognition, Aging, Sleep and Health Lab (CASH Lab)
- 2017-2019 **Postdoctoral Fellow**, MizZou Sleep Research Lab, Department of Psychiatry,
University of Missouri, Columbia, MO
- 2016-2017 **Postdoctoral Fellow**, Women, Gender, Sex & Dementia Platform of the Canadian
Consortium on Neurodegeneration in Aging (CCNA), Department of Evaluative and
Clinical Sciences, Sunnybrook Research Institute, Toronto, ON
- 2015-2016 **Clinical Research Assistant/Coordinator**, Department of Urology, Toronto Western
Hospital, Toronto, ON
- 2010 **Research Assistant**, Primary Care Unit, Sunnybrook Health Sciences Center, Toronto, ON
- 2009-2010 **Research Assistant**, Graceful Aging Alliance Project, York University, Toronto, ON
- 2007-2008 **Clinical Research Coordinator**, Toronto Psychiatric Research Foundation, Toronto, ON
- 2007-2008 **Polysomnographic/Sleep Technician**, Center for Sleep and Chronobiology Research,
Toronto, ON
- 2007-2008 **Research Assistant**, Department of Psychology, Ryerson University, Toronto, ON

AWARDS & DISTINCTIONS

- 2024 Valerie D. Riddle, M.D., Award in Health, WLP Faculty Excellence Award, \$5,000
- 2024 Early Career Reviewer Program, Center for Scientific Review, National Institutes of Health
- 2024 Finalist, Behavioral Sleep Medicine Journal Early Career Investigator Award
- 2019 AASM Young Investigator Research Forum, Funded Attendee, \$1,200
- 2018 Sleep Research Society Trainee Grant Writing Workshop Award
- 2018 MU Postdoctoral Association Travel Grant Award, \$180
- 2016 Canadian Institutes of Health Research Trainee Travel Award, \$1,500
- 2016 York University Graduate Development Fund Student Travel Award, \$700
- 2015 York Psychology Graduate Student Association Travel Fund Award, \$78
- 2014 Council of Canadian Departments of Psychology Teaching Assistantship Award
- 2012 York University Graduate Development Fund Student Travel Award, \$300
- 2011 York University Research Scholarship (PhD Program), \$5,000
- 2010 York University Graduate Development Fund Student Travel Award, \$450
- 2008 York University Research Scholarship (MA Program), \$9,000
- 2005-2007 York University Dean's Honor Roll for Academic Distinction
- 2000 McGill University Entrance Scholarship, \$3,000

PUBLICATIONS

Peer Reviewed Journal Articles (*h-index=16*; *current or former mentee, **first or senior author**)

PubMed My bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/1-lhw-sGzqowwf/bibliography/public/>

Google scholar: <https://scholar.google.com/citations?user=MY3h4VgAAAAJ&hl=en&oi=sra>

55. Musich*, M., **Curtis, A. F.**, Ferguson, B. J., Drysdale, D., Thomas, A. L., Greenlief, M., Shenker, J. I., & Beversdorf, D. Q. (in press). Preliminary effects of American Elderberry Juice on cognitive functioning in Mild Cognitive Impairment patients: A secondary analysis of cognitive composite scores in a randomized clinical trial. *Antioxidants*.
54. Stearns, M. A., Hayse, B., Nair, N., Mazurek, M., **Curtis, A. F.**, Beversdorf, D. Q., Sohl, K., Muckerman, J., & McCrae, C. S. (in press). Child sleep onset latency mediates parental depression and non-compliance in children with Autism Spectrum Disorder. *Research in Autism Spectrum Disorders*.
53. Hayse, B., Stearns, M., Mazurek, M., **Curtis, A. F.**, Nair, N., Chan, W.S., Munoz, M., McGovney, K., Beversdorf, D. Q., Golzy, M., Sohl, K. A., Ner, Z. H., Davis, B. E., Takahashi, N., & McCrae, C. S. (in press). Exploratory analyses of sleep intraindividual variability and fatigue in parents of children on the autism spectrum. *AUTISM*.
52. Costa*, A. N., Halder*, P., McCrae, C. S., & **Curtis, A. F.** (in press). City lights, countryside nights: Rurality, anxiety and sleep in mid-to-late life. *Journal of Rural Mental Health*.
51. McCrae C. S., **Curtis A. F.**, Stearns M. A. (2024). Tackling insomnia in late life: Roles of age, sex differences, sleep apnea, the menopausal transition, and caregiving. *Advances in Psychiatry and Behavioral Health*, 4, 235-248. <https://doi.org/10.1016/j.ypsc.2024.05.006>
50. Musich*, M., Beversdorf, D. Q., McCrae, C. S., & **Curtis, A. F.** (2024). Subjective-objective sleep discrepancy in a predominately white and educated older adult population: Examining the associations with cognition and insomnia. *Journal of Gerontology: Psychological Sciences*. 79(7), gbae074. <https://doi.org/10.1093/geronb/gbae074>
49. **Curtis, A. F.**, Musich*, M., Costa*, A. N., Gonzales, J., Gonzales, H., Ferguson, B. J., Kille, B., Thomas, A. L., Wei, X., Liu, P., Greenlief, C. M., Shenker, J., & Beversdorf, D. Q. (2024).

- Feasibility and preliminary efficacy of American elderberry juice for improving cognition and inflammation in patients with mild cognitive impairment. *Int. J. Mol. Sci.* 2024, 25, 4352. <https://doi.org/10.3390/ijms2508435248>
48. **Curtis, A. F.**, Jagannathan*, S., Musich*, M., Miller, M. B., & McCrae, C. S. (2024). Mid-to-late life anxiety and sleep during initial phase of COVID-19: Age and sex-specific insights to inform future pandemic healthcare. *Brain Sciences*, 2024, 14, 346. <https://doi.org/10.3390/brainsci14040346>
 47. Stearns, M. A, McCrae, C. S., **Curtis, A. F.**, Nair, N., Hayse, B., Nadorff, D., & Wilkerson, A. (2024). Adolescent sleep mediates maternal depressive problems and parenting behaviors: daughter and son differences in a majority Black and Hispanic sample. *Journal of Clinical Sleep Medicine*, 20, 849-858. <https://doi.org/10.5664/jcsm.10996>
 46. **Curtis, A. F.**, Miller, MB, Costa*, A. N., Musich*, M., & McCrae, C. S. (2024). An overview of sex and gender considerations in sleep and alcohol use. *Current Addiction Reports*, 11, 316-326. <https://doi.org/10.1007/s40429-023-00539-7>
 45. McCrae CS, **Curtis A. F.**, Stearns MA, & Craggs JC. (2023). Fibromyalgia and the Brain: What's Sleep got to do with it? *Current Sleep Medicine Reports*, 9, 235-246. <https://doi.org/10.1007/s40675-023-00268-3>
 44. **Curtis, A. F.**, Nair, N., Hayse, B., McGovney*, K., Mikula, C., Halder*, P., Craggs, J. G., Kiselica, A., & McCrae, C. S. (2024). Preliminary Investigation of the Interactive Role of Physiological Arousal and Insomnia in Gray Matter Volume Alterations in Chronic Widespread Pain. *Journal of Clinical Sleep Medicine*. <https://doi.org/10.5664/jcsm.10860>
 43. Costa*, A. N., Coman*, A., Musich*, M., Beversdorf, D. Q., McCrae, C. S., & **Curtis, A. F.** (2023). Sleep Characteristics and Pain in Middle-aged and Older Adults: Sex-Specific Impact of Physical and Sedentary Activity. *Sleep Medicine*, 111, 180-190. <https://doi.org/10.1016/j.sleep.2023.09.030>
 42. McCrae, C. S., **Curtis, A. F.**, Stearns, Nair, N., Golzy, M., Shenker, J., Beversdorf, D. Q., Cottle, A., & Rowe, M. (2023). Development and Initial Evaluation of Web-Based Cognitive Behavioral Therapy for Insomnia in Rural Family Caregivers of People With Dementia (NiteCAPP): Mixed Methods Study. *JMIR Aging*. 6(1), e45859.
 41. Musich*, M., Costa*, A. N., Salathe*, V., Miller, M. B., & **Curtis, A. F.** (2023). Sex-Specific contributions of alcohol and hypertension on everyday cognition in middle-aged and older adults. *Journal of Women's Health*. <https://doi.org/10.1089/jwh.2022.0462>
 40. **Curtis, A. F.**, Costa*, A. N., Musich*, M., Schmiedeler*, A., Jagannathan*, S., Connell*, M., Atkinson*, A., Miller, M. B., & McCrae, C. S. (2023). Sex as a moderator of the sleep and cognition relationship in middle-aged and older adults. *Behavioral Sleep Medicine*, 1-14. <https://doi.org/10.1080/15402002.2023.2177293>
 39. Costa*, A. N., Nowakowski*, L., McCrae, C. S., Cowan, N., & **Curtis, A. F.** (2023). Objective cognition and subjective memory in middle-aged and older adults: The role of personality. *Gerontology and Geriatric Medicine*, 9. <https://doi.org/10.1177/23337214222114>
 38. McGovney*, K., **Curtis, A. F.**, McCrae, C. S. (2023). Actigraphic Physical Activity, Pain Intensity, and Polysomnographic Sleep in Fibromyalgia. *Behavioral Sleep Medicine*, 21, 383-396. <https://doi.org/10.1080/15402002.2022.2102009>
 37. Costa*, A. N., **Curtis, A. F.**, Musich*, M., Guandique, A. A., & McCrae, C. S. (2023). Self-reported cognition in older adults with insomnia: Associations with sleep and domain specific cognition. *Journal of Sleep Research*, 32, e13751. <https://doi.org/10.1111/jsr.13751>
 36. Freeman*, L., Sparrow, E., Simenson, A., Miller, M. B., Costa*, A. N., Musich*, M., McCrae, C. S., & **Curtis, A. F.** (2022). Sex differences in associations between alcohol use and sleep in mid-to-late life. *Sleep Medicine*, 100, 298-303. <https://doi.org/10.1016/j.sleep.2022.08.016>
 35. Costa*, A. N., McCrae, C. S., Cowan, N., & **Curtis, A. F.** (2022). Paradoxical Relationship Between

- Subjective and Objective Cognition: The Role of Sleep. *Journal of Clinical Sleep Medicine*, 18, 2009-2022. <https://doi.org/10.5664/jcsm.10070>
34. McCrae, C. S., **Curtis, A. F.**, Cottle, A., Beversdorf, D. Q., Shenker, J., Mooney, B., Popescu, M., Rantz, M., Groer, M., Stein, P., Golzy, M., Stearns, M. A., Simenson, A., Nair, N., Rowe, M. A. (2022). Impact of Web-based CBT for Insomnia on Stress, Health, Mood, Cognitive, Inflammatory, and Neurodegenerative Outcomes in Rural Dementia Caregivers: Protocol for the NiteCAPPSM CARES & SHARES Randomized Controlled Trial. *JMIR Res Protoc*, 11:e37874. Doi: 10.2196/37874
 33. Miller, M. B., Carpenter, R. W., Freeman, L. K., **Curtis, A. F.**, Yurasek, A. M., & McCrae, C. S. (2022). Cannabis use as a moderator of Cognitive Behavioral Therapy for Insomnia. *Journal of Clinical Sleep Medicine*, 18, 1047-1054. <https://doi.org/10.5664/jcsm.9796>
 32. Miller, M. B., **Curtis, A. F.**, Hall, N. A., Freeman, L. K., Everson, A., Marinez, L., Park, C. J., & McCrae, C. S. (2022). Daily associations between modifiable sleep behaviors and nighttime sleep among young adult drinkers with insomnia. *Journal of Clinical Sleep Medicine*, 18, 703-712. <https://doi.org/10.5664/jcsm.9796>
 31. Roth, A. J., **Curtis, A. F.**, Rowe, M. A., & McCrae, C. S. (2022). Using telehealth to deliver cognitive behavioral treatment of insomnia to a caregiver of a person with Alzheimer's Disease. *The Journal of Cognitive Psychotherapy: An International Quarterly*, 36, 3-23. <https://europepmc.org/article/med/35121676>
 30. **Curtis, A. F.**, Schmiedeler*, A., Musich*, M., Connell*, M., Miller, M. B., & McCrae, C. S. (2022). COVID-19 related anxiety and cognition in middle-aged and older adults: Examining sex as a moderator. *Psychological Reports*. <https://doi.org/10.1177/00332941211064820>
 29. McCrae, C. S., Craggs, J. G., **Curtis, A. F.**, Nair, N., Kay, D., Staud, R., Berry, R. B., & Robinson, M. E. (2022). Neural activation changes following cognitive behavioral therapy for patients with comorbid fibromyalgia and insomnia: A pilot study. *Journal of Clinical Sleep Medicine*. 18, 203–215. <https://doi.org/10.5664/jcsm.9540>
 28. **Curtis, A. F.**, Rodgers*, M., Miller, M. B., & McCrae, C. S. (2022). Impact of sex on COVID-19 media exposure, anxiety and perceived risk in middle-aged and older adults. *Journal of Aging and Health*, 34, 51-59. <https://doi.org/10.1177/08982643211025383>
 27. McCrae, C. S., Mazurek, M. O., **Curtis, A. F.**, Beversdorf, D. Q., Deroche, C. B., Sohl, K. A., Ner, Z. H., Davis, B. E., Stearns, M. A., & Nair, N. (2021). Protocol for Targeting Insomnia in School Aged Children with Autism Spectrum Disorder: A Randomized Controlled Trial. *BMJ Open*, 11, e045944. doi:10.1136/ bmjopen-2020-045944
 26. McCrae, C. S., **Curtis, A. F.**, Nair, N., Berry, J., Davenport, M., McGovney*, K., Berry, R. B., McCoy, K., Marsiske, M. (2021). Impact of a Brief Behavioral Treatment for Insomnia (BBTi) on Metacognition in Older Adults. *Sleep Medicine*, 80, 286-293. <https://doi.org/10.1016/j.sleep.2021.01.039>
 25. Miller, M.B., **Curtis, A. F.**, Chan, W.S., Deroche, C. B., & McCrae, C. S. (2021). Daily associations between sleep and opioid use among adults with insomnia and chronic pain. *Journal of Clinical Sleep Medicine*. 17, 729–737. <https://doi.org/10.5664/jcsm.9002>
 24. McGovney*, K., **Curtis, A. F.**, & McCrae, C. S. (2021). Associations between Objective Afternoon and Evening Physical Activity and Objective Sleep in Patients with Fibromyalgia and Insomnia. *Journal of Sleep Research*, 30, e13220. <https://doi.org/10.1111/jsr.13220>
 23. **Curtis, A. F.**, Dzierzewski, J. M., Buman, M. P., Giacobbi, P. R., Roberts, B. L., Aiken-Morgan, A. T., Marsiske, M., & McCrae, C. S. (2021). Preliminary Investigation of Interactive Associations of Sleep and Pain with Cognition in Sedentary Middle-aged and Older Adults. *Journal of Clinical Sleep Medicine*, 17, 233–242. <https://doi.org/10.5664/jcsm.8856>
 22. McCrae, C. S., Chan, W. S., **Curtis, A. F.**, Nair, N., Deroche, C. B., Munoz, M., Takamatsu, S., M.,

- McLean, D., Davenport, M., Muckerman, J., Takahashi, N., McCann, D., McGovney, K., Sahota, P., & Mazurek, M. O. (2021). Telehealth cognitive-behavioral therapy for insomnia in children with autism spectrum disorder: A pilot examining feasibility, satisfaction, and preliminary findings. *Autism*, 25, 667-680. <https://doi.org/10.1177/1362361320949078>
21. McCrae, C. S., **Curtis, A. F.**, Craggs, J., Deroche, C., Sahota, P., Siva, C., Staud, R., & Robinson, M. E. (2020). Protocol for The Impact of CBT for Insomnia on Pain Symptoms and Central Sensitization in Fibromyalgia: A Randomized Controlled Trial. *BMJ Open*. <http://dx.doi.org/10.1136/bmjopen-2019-033760>
 20. **Curtis, A. F.**, Roth, A. J., Sears, S. F., Conti, J. B., Berry, R. B., Dzierzewski, J. M., & McCrae, C. S. (2020). Associations between Pain, Objective Sleep Efficiency and Cognition in Patients with Implantable Cardioverter Defibrillators. *Sleep Medicine*. <https://doi.org/10.1016/j.sleep.2020.03.029>
 19. McCrae, C. S., **Curtis, A. F.**, Miller, M. B., Nair, N., Rathinakumar*, H., Davenport, M., Berry, J. R., McGovney, K.*, Staud, R., Berry, R., & Robinson, M. (2020). Effect of cognitive behavioral therapy on sleep and opioid medication use in adults with fibromyalgia and insomnia. *Journal of Sleep Research*. <https://doi.org/10.1111/jsr.13020>
 18. Yurasek, A. M., Miller, M. B., Pritshmann, R., **Curtis, A. F.**, & McCrae, C. S. (2020). Negative emotion as a mediator of the association between insomnia severity and marijuana problems in young adults. *Journal of Sleep Research*. <https://doi.org/10.1111/jsr.12985>
 17. McCrae, C. S., Chan, W. S., **Curtis, A. F.**, Deroche, C. B., Munoz, M., Muckerman, J. E., Takahashi, N., McCann, D., McGovney*, K., Sahota, P., & Mazurek, M. O. (2019). Cognitive behavioral treatment of insomnia in school-aged children with autism spectrum disorder: A pilot feasibility study. *Autism Research*. <https://doi.org/10.1002/aur.2204>
 16. McCrae, C. S., **Curtis, A. F.**, Williams, J., Dautovich, N. D., McNamara, J. P. H., Stripling, A., Dzierzewski, J., Berry, R. B., McCoy, K., & Marsiske, M. (2019). Effects of brief behavioral treatment for insomnia on daily associations between self-reported sleep and objective cognition in older adults. *Behavioral Sleep Medicine*, 18 (5), 577-588. <https://doi.org/10.1080/15402002.2019.1632201>
 15. **Curtis, A. F.**, Miller, M. B., Rathinakumar*, H., Robinson, M., Staud, R., Berry, R. B., & McCrae, C. S. (2019). Opioid use, pain intensity, age and sleep architecture in patients with fibromyalgia and insomnia. *PAIN*, 160:2086–2092. <http://dx.doi.org/10.1097/j.pain.0000000000001600>
 14. **Curtis, A. F.**, Roth, A., Sears, S. F., Conti, J. B., Berry, R. B., Dzierzewski, J. M., Rathinakumar, H.*, & McCrae, C. S. (2018). Cognitive performance in patients with Implantable Cardioverter Defibrillators (ICDs): Associations with objective sleep duration, age and anxiety. *Journal of Sleep Research*. <https://doi.org/10.1111/jsr.12810>
 13. McCrae, C. S., Williams, J., Roditi, D., Anderson, R., Mundt, J. M., Miller, M. B., **Curtis, A. F.**, Waxenberg, L. B., Staud, R., Berry, R. B., & Robinson, M. E. (2018). Cognitive behavioral treatments for insomnia and pain in adults with comorbid chronic insomnia and fibromyalgia: The SPIN randomized controlled trial. *SLEEP*. <https://doi.org/10.1093/sleep/zsy234>
 12. **Curtis, A. F.**, Masellis, M., Camicioli, R., Davidson, H., & Tierney, M. C. (2018). Cognitive profile of non-demented Parkinson's disease: Meta-analysis of domain and sex- specific deficits. *Parkinsonism & Related Disorders*. <https://doi.org/10.1016/j.parkreldis.2018.10.014>
 11. **Curtis, A. F.**, Williams, J. M., McCoy, K., & McCrae, C. S. (2018). Chronic pain, sleep, and cognition in older adults with insomnia: A daily multilevel analysis. *Journal of Clinical Sleep Medicine*. 14, 1765–1772. <http://dx.doi.org/10.5664/jcsm.7392>
 10. Miller, M. B., Chan, W. S., **Curtis, A. F.**, Boissoneault, J., Robinson, M., Staud, R., Berry, R. B., & McCrae, C. S. (2018). Pain severity as a moderator of the association between prescription opioid use and insomnia symptoms among adults with chronic pain. *Sleep Medicine*, 52, 98-102. <https://doi.org/10.1016/j.sleep.2018.08.015>

9. McCrae, C. S., Mundt, J. M., **Curtis, A. F.**, Craggs, J. G., O’Shea, A. M., Staud, R., Berry, R. B., & Perlstein, W. M. (2018). Gray matter changes following cognitive behavioral therapy for patients with comorbid fibromyalgia and insomnia: a pilot study. *Journal of Clinical Sleep Medicine*, *14*, 1595-1603. <http://dx.doi.org/10.5664/jcsm.7344>
8. **Curtis, A. F.**, Miller, M. B., Boissoneault, J., Robinson, M., Staud, R., Berry, R. B., & McCrae, C. S. (2018). Discrepancies in sleep diary and actigraphy assessments in adults with fibromyalgia: Associations with opioid dose and age. *Journal of Sleep Research*. <https://doi.org/10.1111/jsr.12746>
7. McCrae, C. S., **Curtis, A. F.**, Williams, J., Dautovich, N. D., McNamara, J. P. H., Stripling, A., Dzierzewski, J., Berry, R. B., McCoy, K., Chan, W. S., & Marsiske, M. (2018). Efficacy of brief behavioral treatment for insomnia in older adults: Examination of sleep, mood, and cognitive outcomes. *Sleep Medicine*, *51*, 153-166. <https://doi.org/10.1016/j.sleep.2018.05.018>
6. McLaughlin, P. M., **Curtis, A. F.**, Comrie, J., Branscombe-Caird, L., & S. J. E., Murtha. (2018). The feasibility and potential impact of brain-training games on cognitive and emotional functioning in middle-aged adults. *Games for Health Journal*, *7*, 67-74. <https://doi.org/10.1089/g4h.2017.0032>
5. Tierney, M. C., **Curtis, A. F.**, Chertkow, H., & Rylett, R. J. (2017). Integrating sex and gender into neurodegeneration research: A six-component strategy. *Alzheimer’s & Dementia: Translational Research and Clinical Interventions*, *3*, 660-667. <https://doi.org/10.1016/j.trci.2017.10.006>
4. **Curtis, A. F.**, Turner, G. R., Park, N. W., & Murtha, S. J. E. (2017). Improving visual spatial working memory in younger and older adults: Effects of cross-modal cues. *Aging, Neuropsychology and Cognition*, e-publish ahead of print: <http://dx.doi.org/10.1080/13825585.2017.1397096>
3. **Curtis, A. F.**, Masellis, M., Hsiung, G-Y. R., Moineddin, R., Zhang*, K., Au, B., Millett*, G., Mackenzie, I., Rogaeva, E., & Tierney, M. C. (2017). Sex differences in the prevalence of genetic mutations in FTD and ALS: A meta-analysis. *Neurology*, *89*, 1633-1642. <http://dx.doi.org/10.1212/WNL.0000000000004494>
2. Millar, A. C., Elterman, D. S., Goldenberg, L., Van Asseldonk, B., **Curtis, A.**, & Jarvi, K. (2016). A survey of Canadian urologists’ opinions and prescribing patterns of testosterone replacement therapy in men on active surveillance for low risk prostate cancer. *Canadian Urological Association Journal*, *10*, 181-184. <http://dx.doi.org/10.5489/cuaj.3608>
1. Williams, E., & **Curtis, A.** (2015). Implementation of a diabetes management flow sheet in a long-term care setting. *Canadian Journal of Diabetes*, *39*, 273-27. <http://dx.doi.org/10.1016/j.jcjd.2014.12.001>

Invited Commentaries

1. McCrae, C.S., & **Curtis, A.** (2020). From “bit player” to key mechanism: The role of sleep in exercise. *Journal of Clinical Sleep Medicine*, *16* (S1), 19-20. <https://doi.org/10.5664/jcsm.8886>

Book Chapters

5. McCrae, C. S., Taylor, D. J., Petrov, M. E., Grandner, M. A., & **Curtis, A. F.** (2021). Insomnia: Epidemiology, Risk Factors, & Health Disparities. In C. Drake & J. Fernandez-Mendoza (Eds.), *Principles and Practice of Sleep Medicine – Seventh Edition (PPSM 7e)*. Philadelphia: Elsevier.
4. Stearns M. A., **Curtis A. F.**, Roth A, & McCrae C. S. (2021). Insomnia Risk Factors. In J. C. Ong (Ed.), *Encyclopedia of Sleep and Circadian Rhythms, 2nd Edition*. Oxford, UK: Elsevier Ltd. <https://doi.org/10.1016/B978-0-12-822963-7.00051-7>.
3. McCrae, C. S., Mazurek, M. O., Nevill, R., Davenport, M. A., Rouch, E. & **Curtis, A. F.** (2021). Autism spectrum disorder. In L Kheirandish-Gozal & D Gozal (Eds.), *Sleep in Other Disorders in Pediatric Sleep Medicine*. Willowick, OH: Springer International. doi: 10.1007/978-3-030-65574-

7_50.

2. McCrae, C. S., **Curtis, A. F.**, & Kay, D. (2020). The Clinical Neuroscience of the Insomnia-Fibromyalgia Link: An Overview for Clinicians. In M. Incayawar, M. Clark, & S. Maldonado-Bouchard (Eds.), *Overlapping Pain and Psychiatric Syndrome: Global Perspectives*, pp. 203-220. New York, NY: Oxford University Press.
1. Miller, M. B., Freeman, L., **Curtis, A. F.**, Boissoneault, J., & McCrae, C. S. (2019). Alcohol and Symptoms of Insomnia. In R. Watson & V. Preedy (Ed.). *Neurological Modulations of Sleep: Mechanisms and Function in Sleep Health*, pp.255-264. Philadelphia: Elsevier.

Manuscripts in submission

8. McGovney*, K., **Curtis, A. F.**, Mazurek, M., Beversdorf, D. Q., McCrae, C. S (under review). Pre-bedtime physical activity and sleep in children with Autism Spectrum Disorder and Typically Developing Children. *Journal for Autism and Developmental Disorders*.
7. McCrae CS, **Curtis A.F.**, & Stearns MA. (under revision). CON: CBT-I for insomnia treatment can be delivered by a range of healthcare providers. *SLEEP*.
6. **Curtis, A. F.**, Nair, N., McGovney*, K., Stearns, M., Shoemaker, S., DeJonge, H., Craggs, J., & McCrae, C. S. (under review). Exploring cortical thickness as a moderator in associations between sleep architecture and pain fluctuations in adults with fibromyalgia and insomnia. *PAIN*.
5. **Curtis, A. F.**, Miller, M. B., Costa*, A. N., Musich*, M., Rzeppa*, C., & McCrae, C. S. (submitted). Sipping, Sleeping, and Sex Differences: Alcohol's Impact on Polysomnographic Sleep and Spectral Activity in Older Adults.
4. Costa*, A. N., Nowakowski*, L., McGovney*, K., McCrae, C. S., & **Curtis, A. F.** (submitted). Daily Patterns of Bed- and Wake-Times and Metacognition in College Students: A Brief Report.
3. Miller, M. B., Boness, C. L., Shoemaker, S. D., Moskal, K. M. Porter, A. M., **Curtis, A. F.**, & McCrae, C. S. (submitted). The Dysfunctional Beliefs about Sleep Scale (DBAS-S): A substance use version with improved construct validity.
2. **Curtis, A. F.**, Costa*, A. N., Musich*, M., Eberhardt*, K., Wilhelm*, J., Schmiedeler*, A., Cowan, N., & McCrae, C. S. (submitted). Playing cognitive games in older adults with insomnia: Feasibility and preliminary effects on cognition, sleep and associated functioning (PLAY trial).
1. **Curtis, A. F.**, Costa*, A. N., Billeci*, N., Musich*, M., Nguyen*, A., & McCrae, C. S. (submitted). Timing Matters: The Impact of Chronotype on Sleep and Cognition in Older Adults with Mild Cognitive Impairment.

Manuscripts in preparation (*denotes current or former mentee)

- **Curtis, A. F.**, Costa*, A. N., Stearns, M., McGovney*, K., Miller, M. B., & McCrae, C. S. (in prep). Sex Modulates the Stress Reactivity, Pain and Memory Relationship in Aging Adults.
- Musich*, M., Naveh-Benjamin, & **Curtis, A. F.** (in prep). The Role of Rurality on Self-Reported Sleep and Cognition in Middle-Aged and Older Adults: A Preliminary Study
- **Curtis, A. F.**, Costa*, A. N., Musich*, M., Nowakowski*, L., Young*, K., Eberhardt*, K., Rzeppa*, C., Beversdorf, D., Cowan, N., & McCrae, C. S. (in prep). Cognitive training in mild cognitive impairment (TRAIN-MCI): Effects on cognition, sleep and daytime functioning.
- Nowakowski*, L., Costa*, A. N., McCrae, C. S., & **Curtis, A. F.** (in prep). From Dozing Cat Naps to Exposing Cognitive Gaps: Associations Between Napping and Cognition Across the Adult Lifespan.
- Costa*, A. N., Nowakowski*, L., McGovney*, K., McCrae, C. S., **Curtis, A. F.** (in prep). Daily

Patterns of Sleep and Metacognition in College Students.

- **Curtis, A. F.**, McGovney*, K., Stephens*, R. L., McCrae, C. S. (in prep). Sleep, Pain, and Cognition in Women with Chronic Widespread Pain and Insomnia.
- **Curtis, A. F.**, Eberhardt*, K., Costa*, A. N., Musich*, M., Schmiedeler*, A., Wilhelm*, J., Rzeppa*, C. Cowan, N., & McCrae, C. S. (in prep). Cognitive training in middle-aged adults with Generalized Anxiety Disorder: Preliminary impact on sleep and daytime functioning.
- Schmiedeler*, A., Costa*, A. N., Nair, U., & **Curtis, A. F.** (in prep). Anxiety and cognition in middle-aged and older adults moderated by smoking status.
- Schmiedeler*, A., Costa*, A. N., Connell*, M., McCrae, C. S., & **Curtis, A. F.** (in prep). The relationship between personality and cognition: sleep as a mediator.
- **Curtis, A. F.**, Nair, N., Davenport*, M., Berry*, J., & McCrae, C. S. (in prep). Web-based interventions for adults with autism spectrum disorder: A systematic review.
- **Curtis, A. F.**, Schmiedeler*, A., Davenport*, M., Wilhelm*, J., & McCrae, C. S. (in prep). Effects of cognitive training on sleep parameters in older adults: A systematic review.
- McCrae, C. S., **Curtis, A. F.**, Berry, J. R., Staud, R., Berry, R. B., & Robinson, M. E. (in prep). Baseline pain intensity as a moderator of the effect of cognitive behavioral treatment of insomnia on sleep and pain outcomes in patients with fibromyalgia.
- McCrae, C. S., **Curtis, A. F.**, Berry, J. R., Williams, M. M., Dautovich, N. D., McNamara, J. P. H., Stripling, A., Dzierzewski, J. M., Berry, R. B., McCoy, K. M., & Marsiske, M. (in prep). Associations between pain reduction and cognitive improvement in older adults following brief behavioral treatment for insomnia.

Other Scientific Communications

2. **Curtis, A. F.** (2017). Are there sex specific risk factors to developing brain diseases? *Your Health Matters, Sunnybrook Hospital Scientific Communications*.
<http://health.sunnybrook.ca/brain/sex-genetics-als-dementia-brain-health/>
1. **Curtis, A. F.**, & Tierney, M. C. (2016). The impact of sex and gender on brain health: Better health outcomes for men and women. *4th Annual Mind Over Matter Magazine, Women's Brain Health Initiative*.
http://mindovermatter.womensbrains.webfactional.com/MOM_SPRING_2017HTML5/

PRESENTATIONS

Invited Talks/Workshops/Panels

24. **Curtis, A. F.** *Women's Health Panel*, USF Women in Leadership & Philanthropy (WLP) Symposium, Tampa, FL, October 2025.
23. **Curtis, A. F.** *Women in Whitecoats Panel*, Women's Health Collaborative, Tampa, FL, May 2025.
22. **Curtis, A. F.** *Neurocognitive Health and Sleep in Aging: Training Strategies and Moderating Factors*. Cleveland Clinic Neurological Institute Grand Rounds, Virtual, February 2025.
21. **Curtis, A. F.** *Cognition and Sleep in Aging Adults: Sex Differences and Training Strategies*. Byrd Alzheimer's Center Neuroscience Institute Seminar Series, University of South Florida, Tampa, FL, May 2024.
20. **Curtis, A. F.** *Cognitive Exploration of Sleep in Aging: Training and Sex-Specific Insights*. Sleep Grand Rounds, American Academy of Sleep Medicine Foundation, Virtual, May 2024.
19. **Curtis, A. F.**, Nair, U., Baumgartel, K. *Inclusive Research Practice Series: Sex and Gender*. USF

- College of Nursing Grantsmanship Series*, University of South Florida, Tampa, FL, May 2024.
18. **Curtis, A.F.** *Sex as a Moderator of the Sleep and Cognition Relationship in Middle-aged and Older Adults: A Preliminary Investigation*. Society of Behavioral Sleep Medicine Education Committee Journal Club Webinar, Virtual, February 2024.
 17. **Curtis, A. F.** *Exploration of Sex Differences in the Sleep and Cognition Relationship in Aging Adults*. Cognition, Neuroscience and Social Psychology Colloquium, University of South Florida, Tampa, FL, October 2023.
 16. **Curtis, A. F.** *Cognition in Aging Adults: Sex-Specific Patterns of Association with Modifiable Risk Factors of Alzheimer's Disease*. APA Division 20 Cognition & Cognitive Neuroscience Scientific Interest Group Speaker Series, Virtual, June 2023.
 15. **Curtis, A. F.** *Insomnia Interventions – Overview and State of the Clinical Science*. Sleep Research Society Trainee Day, Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, Indiana, June 2023.
 14. **Curtis, A. F.** *Sleep and Cognition in Aging*. World of Neuroscience undergraduate seminar, University of Missouri, November 2022.
 13. **Curtis, A. F.** *Workshop: Exploring Research Communities (Neuroscience)*, University of Missouri, Columbia, MO, September 2022.
 12. **Curtis, A. F.** *Panel of funded awardees by various mechanisms as a AASM Junior Investigator Award recipient*. Sleep Research Society Grant Writing Workshop, SLEEP 2022, Charlotte, NC, June 2022.
 11. **Curtis, A. F.** *COVID-19 Anxiety and Sleep in Mid-to-Late Life: Impact and Moderating Factors*. Columbia University Irving Medical Center 2022 Sleep Symposium, Virtual Meeting, March, 2022.
 10. **Curtis, A. F.** *How to Write a Discussion Section*. Sleep and Neurobehavioral Health Collaborative Manuscript Writing Workshop, Virtual Workshop, January 2022.
 9. **Curtis, A. F.** *Sleep and Cognition in Aging Adults: Associations, Moderators and Training Interventions*. College of Nursing, University of South Florida, January, 2022.
 8. **Curtis, A. F.** *Sleep and Cognition in Aging Populations: Measurements, Associations and Interventions*. World of Neuroscience undergraduate seminar, University of Missouri, November, 2021.
 7. **Curtis, A. F.** *Cognitive Training and Sleep*. Seminar in Translational Neuroscience – A Forum for Collaborations, Interdisciplinary Neuroscience & Pathology Graduate Program, University of Missouri, Columbia, MO, February, 2021.
 6. **Curtis, A. F.** *Sleep and Cognition in Older Adults: Moderators and Training Strategies*. Department of Psychiatry Grand Rounds, University of Missouri - School of Medicine, Columbia, MO, October, 2019.
 5. **Curtis, A. F.** *Sleep and Cognition in Older Adults: Associations, Moderating Factors, and Training Strategies*. Cognition & Neuroscience Colloquium, Department of Psychology, Columbia, MO, April, 2019.
 4. **Curtis, A. F.** *Sleep and Cognition in Older Adults: Bidirectional Associations and Strategies for Improvement*. Northern California Institute for Research and Education, San Francisco VA Medical Center, San Francisco, CA, March, 2019.
 3. Tierney, M. C., & **Curtis, A. F.** *Sex Myth Busters: Unravelling Truths for Dementia Care*. 9th Annual Canadian Conference on Dementia, Toronto, ON, October, 2017.
 2. Tierney, M. C., & **Curtis, A. F.** *Integrating Sex and Gender into research on Neurodegeneration: A six-component strategy for success*. CCNA Science Day & Partners Forum, Toronto, ON,

October, 2017.

1. Tierney, M. C., & **Curtis, A. F.** *Let's talk about Sex and Gender: Implications for Dementia Research.* D & H summer student seminar series, Sunnybrook Health Sciences Center, Toronto, ON, June, 2017.

Symposiums & Oral Presentations

33. Costa*, A.N., McCrae, C.S., & **Curtis, A.F.** (2025, June). *Clouded Cognitive Awareness: The Role of Subjective and Objective Sleep in Older Adults' Awareness of Cognitive Functioning.* Oral presentation at SLEEP, Seattle, WA.
32. Shoemaker, S.D., Freeman, L.K., Moskal, K.R., Wilking, A., Merkle, E., Merrill, J.E., **Curtis, A.F.**, & Miller, M.B. (2025, April). *Real-time memory testing to prevent harm from alcohol-induced blackouts.* Oral presentation at the Society of Addiction Psychology (APA Division 50)'s annual Collaborative Perspectives on Addiction conference, Providence, RI.
31. Rodriguez*, S.S., Costa, A.N., McCrae, C.S., & **Curtis, A.F.** (2025, March). *Rest or Risk: Exploring the Sex-Dependent Association Between Napping and Cardiovascular Function Among Older Adults.* 2025 USF Graduate Student Research Symposium, Tampa FL.
Awards: Oral Presentation Travel Award, Social & Behavioral Sciences (Including Education) Category
30. **Curtis, A. F.** (2024, November). *Expectation and Engagement Impact Cognitive Training Benefits in Mid-to-Late Life.* As part of the Symposium presentation [**Curtis, A. F.** (chair & presenter), Cassidy-Eagle, E. L. (presenter), Stearns, M. (presenter), & McCrae, C. S. (discussant & presenter)] "*Through the Lens of Theory: Approaches to Behavioral Intervention Optimization and Evaluations in Aging Adults*". Gerontological Society of America Annual Meeting, Seattle, WA.
29. **Curtis, A. F.**, Costa*, A. N., Stearns, M., McGovney*, K., Miller, MB, McCrae, C. S. (2024, November). *Pain and Memory Lane: Sex-Specific Insights into Stress Reactivity, Pain and Cognition in Mid-to-Late Life.* Paper presentation at the Gerontological Society of America Annual Meeting, Seattle, WA.
28. Costa*, A.N., Halder*, P., McCrae, C.S., **Curtis, A.F.** (2024, November). *City Lights or Countryside Nights? Ruralty's Role on Anxiety and Sleep in Mid-to-Late Life.* Accepted for a paper presentation at the Gerontological Society of America Annual Meeting. Seattle, WA.
27. Musich*, M., **Curtis, A. F.**, Ferguson, B. J., Thomas, A. L., Greenlief, C. M., Shenker, J. I., & Beversdorf, D. Q. (2024, October). *Preliminary effects of improving specific cognitive domains with American elderberry juice in mild cognitive impairment patients.* Nanosymposium at the Society for Neuroscience (SfN) conference, Chicago, IL.
26. **Curtis, A. F.** (2024, September). *Sex and Modality Specific Considerations for Sleep-Related Attention Bias in Older Adults.* As part of the Symposium presentation [**Curtis, A. F.** (chair & presenter), Boyle, J. (presenter), Miller, MB, (presenter) & McCrae, C. S. (presenter)] "*Insomnia Unlocked: Optimizing Assessments and Behavioral Interventions*". 6th Annual Society of Behavioral Sleep Medicine Scientific Conference, Chicago, IL.
25. Niazi, J.L., McGovney*, K., Stearns, M.A., **Curtis, A.F.**, & McCrae C.S. (2024, September) *Moderating effects of mood on variability in bed/waketimes and morning fatigue in women with sleep and pain complaints.* 6th Annual Society of Behavioral Sleep Medicine Scientific Conference, Chicago, IL.
24. **Curtis, A. F.** (2024, June). *In Sync: Impact of Chronotype on Sleep and Cognition in Aging Adults.* McCrae, C.S. (chair), **Curtis, A. F.** (presenter), Lucey, B. (presenter), Nielson, S. (presenter), Lee, S. (presenter). "*Beyond the Night: Circadian Rhythms, Sleep and Neurocognitive Health in Aging Adults.*" Accepted for presentation at the annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Houston, TX.

23. **Curtis, A. F.** (2023, November). *Cognitive Training Approaches to Improve Cognition and Associated Functions in Mid-to-Late Life*. As part of the Symposium presentation [**Curtis, A. F.** (chair & presenter), Bugos, J. (presenter), McCrae, C. S. (presenter), Lengacher, C., Visovksy, C. (discussant & presenter).] “*Out of the Medicine Cabinet: Non-Pharmacological Approaches to Improve Cognition and Associated Functions*”. Gerontological Society of America Annual Meeting, Tampa, FL.
22. **Curtis, A. F.**, Nair, N., Craggs, J. G., McGovney*, K., McCrae, C. S. (2023, November). *Interactive Role of Sleep and Arousal on Cognition and Brain Structure in Chronic Pain Patients*. As part of the Symposium presentation [Kaufmann, C. N. (co-chair), Lee, S. (co-chair), Smith, C. E. (presenter), Yue, Y. (presenter), Ji, L. (presenter), Chen, T-Y. (presenter), **Curtis, A. F.** (presenter), McCrae, C. S. (discussant)], “*Mechanisms Underlying Sleep and Development of Chronic Conditions in Older Adults*”. Gerontological Society of America Annual Meeting, Tampa, FL.
21. Costa*, A. N. & **Curtis, A. F.** (2023, November). *Anxiety and Memory Complaints in Middle-aged and Older Adults: The Moderating Role of Physical Activity*. Gerontological Society of America Annual Meeting, Tampa, FL.
20. **Curtis, A. F.** (2023, November). *Sex-specific Patterns of Alcohol Use and Objective Sleep in Older Adults*. As part of the Symposium presentation [Miller, M.B. (chair & presenter), Nair, U. (presenter), **Curtis, A. F.**, & McCrae, C. S., “*Sleep and Substance Use across the Adult Lifespan: Sex-Specific Examinations*”. 5th Annual Society of Behavioral Sleep Medicine Scientific Conference, San Diego, CA.
19. Nowakowski*, L., Costa*, A.N., McCrae, C., & **Curtis, A.F.** (2023, June). *Power nap or cognitive trap? Role of age in associations between napping and subjective cognition*, Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, Indiana.
18. Costa*, A.N., McGovney*, K., Rzeppa*, C., McCrae, C.S., **Curtis, A.F.** (2023, June). *Does the Early Bird Get the Worm? Associations of Waketime Variability and Metacognition in College Students*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, Indiana.
17. Costa*, A. N., Musich*, M., Knous*, D., McCrae, C. S., Cowan, N., & **Curtis, A. F.** (2022, June). *The Role of Objective Sleep on Subjective and Objective Cognition in Older Adults with Insomnia: A Pilot Study*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
16. **Curtis, A. F.**, Schmiedeler*, A., Eberhardt*, K., Wilhelm*, J., Cowan, N., & McCrae, C. (2021, November). *Cognitive training in middle-aged adults with Generalized Anxiety Disorder: Preliminary impact on sleep and daytime functioning*. 62nd Annual meeting of the Psychonomic Society. (Virtual Meeting due to COVID-19).
15. **Curtis, A. F.**, Schmiedeler*, A., Jagannathan*, S., Connell*, M., Atkinson*, A., Miller, M. B., McCrae, C. S. (2021, May). *Subjective sleep and objective cognition in middle-aged and older adults: Does sex matter?* Psychiatry Grand Rounds – Research Day, University of Missouri, Columbia, MO.
14. **Curtis, A. F.**, Nair, N., Craggs, J., McGovney*, K., & McCrae, C. S. (2021, June). *Sleep and gray matter volume: The role of physiological arousal*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
13. Horwitz, B., El Kady, R., & **Curtis, A. F.** (2020, September). *Student Mistreatment Awareness: What is it and what can we do about it?* Department of Psychiatry Ground Rounds, University of Missouri, Columbia, MO.
12. **Curtis, A. F.**, McGovney, K., & McCrae, C. S. (2020, August). *Associations between physiological arousal and executive function in adults with chronic widespread pain and insomnia complaints*. Annual meeting of the American Academy of Sleep Medicine and the Sleep Research Society,

- Philadelphia, PA (Virtual Meeting due to Covid-19).
11. **Curtis, A. F.**, Williams, J. M., Dautovich, N. D., McNamara, J. P. H., Stripling, A., Dzierzewski, J. M., Berry, R. B., McCoy, K. M., Marsiske, M., & McCrae, C. S. (2020, June). *Associations between pain reduction and cognitive improvement in older adults following Brief Behavioral Treatment for Insomnia*. Department of Psychiatry Ground Rounds, University of Missouri, Columbia, MO.
 10. **Curtis, A. F.** (2016, March). *Improving Spatial Working memory in Younger and Older Adults: Effects of cross-modal cues*. Neuroscience Association at York Student Symposium, York University, Toronto, ON
 9. **Curtis, A. F.** (2015, May). *Improving Spatial Working Memory in Younger Adults: Effects of Cross-modal Cues*. Brain, Behavior and Cognitive Science Day, York University, Toronto, ON.
 8. **Curtis, A. F.**, & Murtha, S. J. E. (2014, May). *Improving Visuospatial Working Memory: Effect of Age, Cue Modality and Cue type*. Brain, Behavior and Cognitive Science Day, York University, Toronto, ON.
 7. **Curtis, A. F.**, & Murtha, S. J. E. (2014, February). *How Do We Pay Attention: Impact of Auditory Cue Type and Validity on Visual Attention*. Neuroscience Association at York Student Symposium, York University, Toronto, ON.
 6. **Curtis, A. F.**, & Murtha, S. J. E. (2013, May). *Cross-modal Cueing of Visuospatial Working Memory in Younger and Older Adults: PhD Dissertation Proposal*. Brain, Behavior, and Cognitive Science Day, York University, Toronto, ON.
 5. **Curtis, A. F.**, Girard, T., & Murtha, S. J. E. (2012, June). *Patterns of Cognitive Dysfunction in Schizophrenia: Preliminary results of a Meta-Analysis*. Neuroscience Diploma Program Research Day, York University, Toronto, ON.
 4. **Curtis, A. F.**, & Murtha, S. J. E. (2012, May). *Auditory Cueing of Visual Attention: Effects of Validity Expectancy and Task Type*. Brain, Behavior, and Cognitive Science Day, York University, Toronto, ON.
 3. **Curtis, A. F.**, & Murtha, S. J. E. (2011, May). *Effect of Auditory Cues on Visual Attention: Assessment of Cue Type, Validity and Expectancy*. Brain, Behavior, and Cognitive Science Day, York University, Toronto, ON.
 2. **Curtis, A. F.**, & Murtha, S. J. E. (2010, May). *Effect of Auditory Cues on Visual Short-Term Memory: Do Older Adults Benefit More?* Brain, Behavior, and Cognitive Science Day, York University, Toronto, ON.
 1. **Curtis, A. F.**, & Murtha, S. J. E. (2009, June). *Cross-modal Cueing of Visual Short-Term Memory in Younger Adults: Pilot Data Analysis*. Brain Behavior, and Cognitive Science Day, York University, Toronto, ON

Poster Presentations (*denotes current or former mentee)

118. **Curtis, A. F.**, Miller, M. B., Costa*, A. N., Musich*, M., Rzeppa*, C., & McCrae, C. S. (2025, June). *Sipping, sleeping, and sex differences: Alcohol's impact on polysomnographic sleep and spectral activity in older adults*. Poster presentation at the annual meeting of the Associated Professional Sleep Societies SLEEP Conference, Seattle, WA.
117. **Curtis, A. F.**, Costa*, A. N., Musich*, M., Nowakowski*, L., Young*, K., Eberhardt*, K., Rzeppa*, C., Beversdorf, D. Q., Cowan, N., & McCrae, C. S., (2025, June). *Cognitive training in Mild Cognitive Impairment and Insomnia (TRAIN-MCI): Preliminary effects on cognition and sleep*. Poster presentation at the annual meeting of the Associated Professional Sleep Societies SLEEP Conference, Seattle, WA.
116. Rodriguez*, S.S., Costa*, A.N., McCrae, C.S., & **Curtis, A.F.** (2025, June). *Rest or Risk: Exploring the Sex-Dependent Association Between Napping and Cardiovascular Function Among Older*

- Adults*. Poster presentation at the annual meeting of the Associated Professional Sleep Societies SLEEP Conference, Seattle, WA.
115. Richardson, M., Stearns, M.A., McGovney, K., **Curtis, A.F.**, & McCrae, C.S. (2025, June). *When Pain Meets Place: Understanding Rurality's Impact on Fatigue and Sleep Disturbances*. Poster presentation at SLEEP, Seattle, WA
 114. Costa*, A.N., McCrae, C.S., & **Curtis, A.F.** (2025, June). *Clouded Cognitive Awareness: The Role of Subjective and Objective Sleep in Older Adults' Awareness of Cognitive Functioning*. Poster presentation at the annual meeting of the Associated Professional Sleep Societies SLEEP Conference, Seattle, WA.
 113. Amofa-Ho, P., Stearns, M.A., **Curtis, A.F.**, McGovney, K., Costa, A.N., Miller, M.B., Nair, U., McCrae, C.S. (2025, June). *Sex differences in the interplay between physical activity, sleep quality, and subjective cognitive complaints among adults and older adults*. Abstract accepted for poster presentation at the annual meeting of the Associated Professional Sleep Societies SLEEP Conference, Seattle, Washington, U.S.A.
 112. Moskal, K.R., Shoemaker, S.D., Boness, C.L., Porter, A.M., **Curtis, A.F.**, McCrae, C.S., & Miller, M.B. (2025, June). *Sleep expectancies as a moderator of associations between coping drinking motives and alcohol-related consequences*. Poster submitted to the 48th annual Research Society on Alcohol (RSA) conference. New Orleans, Louisiana.
 111. Ribeiro*, M., Costa*, A. N., & **Curtis, A. F.** (2025, February). *Personalized Cognition: Sex Differences in How Personality Moderates Depression and Cognitive Function in Mid-to-Late Life*. Poster presentation at USF Health Research Day, Tampa, FL.
 110. Nguyen*, A.P., Costa*, A.N., & **Curtis, A.F.** (2025, February). *Mind in Motion: The moderation of rurality between physical activity and cognitive complaints in mid-to-late life adults*. Poster presentation at USF Health Research Day, Tampa, FL.
Awards: College of Nursing Community-Based Research Award
 109. Sebastian*, C.M., Rodriguez*, S.S., Costa*, A.N., McCrae, C.S., & **Curtis, A.F.** (2025, February). *Who Feels the Pressure? Sex-Differences in the Association Between Blood Pressure and Cognitive Function Among Older Adults with Insomnia Disorder*. Poster presentation at USF Health Research Day, Tampa, FL.
 108. Katwal*, M., Billeci*, N., & **Curtis, A.F.** (2025, February). *Beyond the Ache: The Moderating Role of Sex in the Pain-Mood Relationship in Mid-to-Late Life Adults*. Poster presentation at USF Health Research Day, Tampa, FL
Awards: College of Nursing Community-Based Research Award
 107. Amofa-Ho, P.A., Stearns, M.A., **Curtis, A.F.**, McGovney, K., Costa, A.N., Miller, M.B., Nair, U., & McCrae, C.S. (2025, February). *Sex Differences in the Interplay Between Physical Activity, Sleep Quality, and Subjective Cognitive Complaints among Adults*. Poster presentation at USF Health Research Day, Tampa, FL.
 106. Billeci*, N. & **Curtis, A.F.** (2025, February). *Rhythm and Rest: Sex, Circadian Preference and Sleep During Aging* . Poster presentation at USF Health Research Day, Tampa, FL.
Awards: College of Nursing Community-Based Research Award
 105. Rodriguez*, S.S., Costa*, A.N., McCrae, C.S., & **Curtis, A.F.** (2025, February). *Exploring the Sex-Dependent Association Between Napping and Cardiovascular Function Among Older Adults*. Poster presentation at USF Health Research Day, Tampa, FL.
 104. Costa*, A.N., McCrae, C.S., & **Curtis, A.F.** (2025, February). *Clouded Cognitive Awareness: The Role of Subjective and Objective Sleep in Older Adults' Awareness of Cognitive Functioning*. Poster presentation at USF Health Research Day, Tampa, FL.
 103. Billeci*, N., & **Curtis, A. F.** (2025, February). *Rhythm and Rest: Sex, Circadian Preference and Sleep*

- During Aging*. Poster presentation at the Southern Nursing Research Society Conference, Memphis, TN.
102. Costa*, A.N., Kasenetz, W., Crisci, A., **Curtis, A.F.**, O'Brien, J.L. (2024, November). *Exploring Racial Differences in Willingness for Cognitive Testing in Older Adults*. Gerontological Society of America Annual Meeting, Seattle WA.
 101. Stearns, M.A., McGovney, K., **Curtis, A. F.**, Costa, A.N., Miller, M.B., Nair, U., & McCrae, C.S. (2024, November). *Sleep and stress in middle-aged and older caregivers of children, parents, and spouses: Examining sex differences*. Gerontological Society of America Annual Meeting, Seattle, WA.
 100. Stearns, M.A., McGovney, K., **Curtis, A. F.**, Nadorff, D., & McCrae, C.S. (2024, November). *Impacts of community type on sleep health disparities in grandparents raising grandchildren*. Gerontological Society of America Annual Meeting, Seattle, WA, United States.
 99. McGovney*, K., Ohley, A., Stearns, M, **Curtis, A. F.**, McCrae, C. S. (2024, September). Associations between daily fluctuations in bedtime and waketime and pain and fatigue. Sixth Annual Society of Behavioral Sleep Medicine conference, Chicago, Illinois, United States
 98. McGovney*, K., Ohley, A., Stearns, M.A., **Curtis, A.F.**, Stephens, R., Shoemaker, S.D., Davenport, M., Berry, J., Rathinakumar, H., McCrae C.S. (2024, September). *Evidence for speedier improvement: Outcomes from a brief sleep and pain intervention*. Sixth Annual Society of Behavioral Sleep Medicine conference, Chicago, Illinois, United States.
 98. Stuart*, L., Costa*, A. N., & **Curtis, A. F.** (2024, July). *Sex-Specific Contributions of Alcohol Use on Pain and Stress in Mid-to-Late Life*. USF College of Nursing Emerging Nurse Scientist Poster Session.
 97. Musich, M., Curtis, A. F., Ferguson, B. J., Thomas, A. L., Greenlief, C. M., Shenker, J. I., & Beversdorf, D. Q. (2024, July). *Preliminary Results of the Effects of American Elderberry Juice on Improving Cognition and Inflammatory Proteomics in Mild Cognitive Impairment Patients*. Poster to be presented at the Alzheimer's Association International Conference (AAIC), Philadelphia, PA.
 96. **Curtis, A. F.**, Costa*, A. N., Musich*, M., Rzeppa*, C., & McCrae, C. S. (2024, June). *Does XX or XY Mark the Spot: Sex-specific Analysis of Polysomnographic Sleep and Cognition in Older Adults*. Poster presentation at the SLEEP 2024 Conference, Houston, TX.
 95. **Curtis, A. F.**, Costa*, A. N., Musich*, M., Nowakowski*, L., Young*, K., Rzeppa*, C., & McCrae, C. S. (2024, June). *Sleep Sightlines and Soundwaves: Exploring Sex Differences in Sleep-Related Attentional Bias in Older Adults*. Poster presentation at the SLEEP 2024 Conference, Houston, TX.
 94. McGovney*, K., Ohley, A., Stearns, M. A., **Curtis, A. F.**, Craggs, J., Miller, M. B., & McCrae, C. S. (2024, June). *Sleeping it off: Alcohol, cannabis, and alterations in bedtime and waketime in women with sleep and pain complaints*. Poster presentation at the SLEEP 2024 Conference, Houston, TX, United States.
 93. Martin, A., Stearns, M. A., McGovney, K., **Curtis, A. F.**, Mazurek, M., Sohl, K. A., Beversdorf, D. Q., Davis, B. E., McCrae, C. S. (2024, June). *Sleep Moderates Behavioral Difficulties and Quality of Life in Autistic Children*. Poster presentation at the SLEEP Conference 2024, Houston, TX, United States.
 92. Sebastian*, C.M., Costa*, A.N., Rodriguez*, S.S., McCrae, C.S., & **Curtis, A.F.** (2024, June). *Beat Right, Sleep Tight: Pilot Study of Depression's Role on Blood Pressure and Sleep in Older Adults with Insomnia*. Poster presentation at the SLEEP 2024 Conference in Houston, TX.
Awards: Selected for a Sleep Research Society Foundation Undergraduate Trainee Travel Award
 92. Costa*, A.N., McCrae, C.S., O'Brien, J.L., **Curtis, A.F.** (2024, June). *You Don't Snooze, You Lose (Awareness): Sleep's Role on Awareness of Cognition in Mild Cognitive Impairment*. Poster presentation at SLEEP 2024, Houston, TX.

91. Prabhu, N., Moskal, K. R., Shoemaker, S. D., Porter, A. M., Boness, C. L., **Curtis, A. F.**, McCrae, C. S., & Miller, M. B. (2024, May). *Who believes that alcohol and cannabis help with sleep?* Poster presentation at the Undergraduate Research Day, University of Missouri, Columbia, MO.
90. Musich*, M., **Curtis, A. F.**, Ferguson, B. J., Thomas, A. L., Greenlief, C. M., Shenker, J. I., & Beversdorf, D. Q. (2024, April). *Contributions of Inflammatory Markers and American Elderberry Juice to Visuospatial Cognitive Flexibility Abilities in Mild Cognitive Impairment Patients: A Preliminary Investigation.* Virtual poster presentation at the hybrid Alzheimer's Association International Conference (AAIC) Neuroscience Next.
89. Burton*, N., Costa*, A. N., Rodriguez*, S., **Curtis, A. F.** (2024, March). *The Interplay Between Rest and Stress in Women Across the Lifespan.* Poster presentation at USF Health Research Day, Tampa, FL.
88. Gilbert*, A. Costa*, A. N., Rodriguez*, S. S., & **Curtis, A. F.** (2024, March). *Substance Use for a Comfortable Snooze? How Alcohol and Nicotine Affect the Relationship between Stress and Sleep in Middle-Aged and Older Adults.* Poster presentation at USF Health Research Day, Tampa, FL.
87. Nguyen*, A., Costa, A. N., Rodriguez, S. S., & **Curtis, A. F.** (2024, March). *If You Press Snooze, Do You Lose? Examining Sex Differences in Chronotype and Sleep in Middle-aged and Older Adults.* Poster presentation at USF Health Research Day, Tampa, FL.
86. Sebastian*, C.M., Costa, A.N., Rodriguez, S.S., McCrae, C.S., & **Curtis, A.F.** (2024, March). *Beat Right, Sleep Tight: Pilot Study of Depression's Role on Blood Pressure and Sleep in Older Adults with Insomnia.* Poster presentation at USF Health Research Day, Tampa, FL.
**Selected for Best Undergraduate Basic and Clinical Science Award*
85. Costa*, A.N., McCrae, C.S., O'Brien, J.L., & **Curtis, A. F.** (2024, March). *You Don't Snooze, You Lose (Awareness): Sleep's Role on Awareness of Cognition in Mild Cognitive Impairment.* Poster presentation at USF Health Research Day, Tampa, FL.
Awards: Selected for USF College of Nursing Basic Science/Clinical Research Doctoral Award
84. Nowakowski*, L.M., Costa*, A.N., & **Curtis, A.F.** (2023, November). *Napping's role unfolds with age: Cognitive gain or memory drain?* University of Missouri Health Sciences Research Day, Columbia, MO.
83. Musich*, M., McCrae, C. S., Beversdorf, D., & **Curtis, A. F.** (2023, November). *Objective Cognition and Physical Activity in Older Adults with Insomnia: Is it Time to Consider Chronotype?* Psychonomic Society 63rd Annual Meeting, San Francisco, CA.
82. **Curtis, A. F.**, Costa, A. N., Musich, M., Rzeppa, C., Zemon, K., Schroeder, I., Sielert, C., & Wang, F. (2023, November). *Mixed-Methods Preliminary Evaluation of a Novel Multimodal Cognitive Training "COGMUSESM" in Older Adults with Insomnia.* Gerontological Society of America Annual Meeting, Tampa, FL.
81. **Curtis, A. F.**, Costa*, A. N., Musich*, M., Nowakowski*, L., Young*, K., Rzeppa*, C., & McCrae, C. S. (2023, June). *Sound vs. Sight: A Modality-Specific Preliminary Investigation of Sleep-Related Attentional Bias in Older Adults.* Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, IN.
80. Musich*, M., Liu*, K., Costa*, A. N., McCrae, C. S., Beversdorf, D., & **Curtis, A. F.** (2023, June). *Subjective and Objective Sleep in Older Adults: Does Cognitive Functioning Matter?* Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, IN.
79. McGovney*, K.; Hayes, B.; Stearns, M.; Mazurek, M.; **Curtis, A. F.**; Nair N.; Beversdorf, D.; Sohl, K.; Davis, B.; McCrae, C.S. (2023, June). *Associations between bedtime and waketime variability and sleep outcomes in autistic children.* Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, IN.
78. Stearns, M. A., McGovney*, K., **Curtis, A. F.**, Lee, S., Haley, W., Szalacha, L., Beversdorf, D. Q., &

- McCrae, C. S. (2023, June). Salivary cortisol and sleep in grandparents raising grandchildren and non-caregiving grandparents. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, IN.
77. Stearns, M. A., McGovney*, K., **Curtis, A. F.**, Lee, S., Haley, W., Szalacha, L., & McCrae, C. S. (2023, June). Grandparents raising grandchildren: Does caregiving status moderate the relationship between stress and sleep. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Indianapolis, IN.
76. Halder*, P., Musich*, M., & **Curtis, A. F.** (2023, February). *Alcohol Use and Cognition in Middle-Aged and Older Adults: The Roles of Physical Activity and Sex*. Association of American Physicians, the American Society for Clinical Investigation, and the American Physician Scientists Association (AAP/ASCI/APSA) Midwest Regional Meeting, Columbia, MO.
75. Park*, J., Costa*, A.N., & **Curtis, A. F.** (2022, November). *Type of Cognitive Training Matters in Older Adults with Insomnia*. 2022 Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS).
74. Nowakowski*, L. M., Costa*, A. N., & **Curtis, A. F.** (2022 November). *Power nap or cognitive trap? Role of age in associations between napping and subjective cognition*. Health Sciences Research Day, School of Medicine, University of Missouri.
73. Shoemaker, S.D., Stearns, M.A., Miller, M.B., **Curtis, A.F.**, Guandique, A., McGovney*, K., Sparrow, E., Craggs, J., Robinson, M., Sahota, P., Siva, C., Staud, R., & McCrae, C.S. (2022, November). *Alcohol consumption moderates depression and alcohol in adults with insomnia and chronic pain*. 2022 56th Annual Association for Behavioral and Cognitive Therapies Conference, New York City, United States.
72. Musich*, M., Costa*, A. N., Halder*, P., & **Curtis, A. F.** (2022, November). *The Role of Rurality on Subjective Sleep and Objective Cognition in Middle-Aged and Older Adults*. Psychonomic Society 63rd Annual Meeting hybrid showcase, Boston, MA.
71. McGovney*, K., **Curtis, A. F.**, Stearns, A. M, McCrae, C. S. (2022, November). *Associations between bedtime and waketime variability and sleep in middle-aged to older adults with chronic pain and insomnia*. 4th Annual Society of Behavioral Sleep Medicine Scientific Meeting, Washington, D.C.
70. Sparrow, E., Stearns, M. A., Mazurek, M., **Curtis, A. F.**, Nair, N., Beversdorf, D. Q., Golzy, M., Sohl, K. A., Ner, Z. H., Davis, B. E., Takahashi, N., & McCrae, C. S. (2022, November). *Executive Functioning Moderates Child SOL and Internalizing Symptoms in Children with ASD*. 4th Annual Behavioral Sleep Medicine Conference, Washington DC, United States.
69. Stearns, M. A., Hayse, B., Mazurek, M., **Curtis, A. F.**, Nair, N., Beversdorf, D. Q., Golzy, M., Sohl, K. A., Ner, Z. H., Davis, B. E., Takahashi, N., & McCrae, C. S. (2022, November). *Child Internalizing and externalizing problems moderate child and parent sleep onset latency in children with Autism Spectrum Disorder*. 4th Annual Behavioral Sleep Medicine Conference, Washington DC, United States
68. Stearns, M. A., Sparrow, E., Mazurek, M., **Curtis, A. F.**, Nair, N., Beversdorf, D. Q., Golzy, M., Sohl, K. A., Ner, Z. H., Davis, B. E., Takahashi, N., & McCrae, C. S. (2022, November). *Parent mood problems moderate parent and child sleep in children with Autism Spectrum Disorder and their parents*. 4th Annual Behavioral Sleep Medicine Conference, Washington DC, United States.
67. **Curtis, A. F.**, Eberhardt*, K., Wilhelm*, J., Schmiedeler*, A., Stokes, G., Atkinson, A., Cowan, N., & McCrae, C. S. (2022, June). *Effects of Cognitive Training on Sleep and Daytime Functioning in Older Adults with Insomnia: A Pilot Study*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
66. Musich*, M., Costa*, A. N., Salathe*, V., McCrae, C. S., & **Curtis, A. F.** (2022, June). *Subjective sleep and cognition in middle-aged and older adults: Chronotype and sex as moderators*. Annual

SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.

65. Costa*, A. N., Musich*, M., Knous*, D., McCrae, C. S., Cowan, N., & **Curtis, A. F.** (2022, June). *The Role of Objective Sleep on Subjective and Objective Cognition in Older Adults with Insomnia: A Pilot Study*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
64. Costa*, A. N., McGovney*, K., Liu*, K., McCrae, C. S., & **Curtis, A. F.** (2022, June). *Daily patterns of sleep and metacognition in college students*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
63. McGovney*, K., **Curtis, A. F.**, & McCrae, C. S. (2022, June). Associations Between Subjective and Objective Sleep Outcomes and Nightly Pain Changes in a Chronic Pain Sample. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
62. Nair, N., **Curtis, A. F.**, Craggs, J., & McCrae, C. S. (2022, June). *Effect of sleep on the relationship between pain related disability and neural correlates of pain processing in adults with fibromyalgia and insomnia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
61. Stearns, M., Sparrow, E., Nair, N., Mazurek, M., **Curtis, A. F.**, Beversdorf, D. Q., Sohl, K. A., Davis, B. E., Takahashi, N., & McCrae, C. S. (2022, June). *Verbal Hostility Moderates Parental and Child Sleep Onset Latency in Children with Autism Spectrum Disorder*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
60. Hayse, B., Stearns, M., Mazurek, M., Curtis, A. F., Nair, N., Beversdorf, D. Q., Golzy, M., Sohl, K. A., Ner, Z. H., Davis, B. E., Takahashi, N., & McCrae, C. S. (2022, June). *Intraindividual Variability in Subjective Sleep and Average Fatigue in Parents of Children on the Autism Spectrum*. . Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Charlotte, NC.
59. Musich*, M., Costa*, A., Salathe*, V., & **Curtis, A. F.** (2022, June). *Sex-specific contributions of alcohol and hypertension on everyday cognition in middle-aged and older adults*. 2022 Cognitive Aging Conference, Atlanta, Georgia.
58. Costa*, A., Musich*, M., Knous*, D., & **Curtis, A. F.** (2022, June). *Personality moderates the association between objective cognition and subjective memory in middle-aged and older adults*. Abstract submitted to 2022 Cognitive Aging Conference, Atlanta, Georgia.
57. Schmiedeler*, A., & **Curtis, A. F.** (2021, November). *Anxiety and cognition moderated by smoking status in middle-aged and older adults*. 62nd Annual meeting of the Psychonomic Society. (Virtual meeting due to COVID-19).
56. Costa*, A., McCrae, C. S., Cowan, N., & **Curtis, A. F.** (2021, November). *Characteristics of Sleep Moderate Associations Between Objective and Subjective Cognition*. 62nd Annual meeting of the Psychonomic Society. (Virtual meeting due to COVID-19).
55. Atkinson*, A., Musich*, M., & **Curtis, A. F.** (2021, November). *Sex-specific patterns of association between pain, sleep and cognition*. Health Sciences Research Day, University of Missouri School of Medicine, Columbia, MO.
54. Hayse, B., Stearns, M., Mazurek, M., **Curtis, A. F.**, Nair, N., Beversdorf, D. Q., Golzy, M., Sohl, K. A., Ner, Z. H., Davis, B. E., Takahashi, N., & McCrae, C. S. (2021, October 14-15). *Parent fatigue moderates child sleep disturbances and irritability in children with autism*. 16th Annual Thompson Center Autism Conference 2021.
53. **Curtis, A. F.**, Miller, M. B., Costa*, A., Musich*, M., & McCrae, C. S. (2021, September). *Sex Moderates the Impact of Alcohol Use on Sleep Characteristics in Middle-aged and Older Adults*. 3rd Annual Society of Behavioral Sleep Medicine Scientific Meeting, Nashville, TN.

52. McGovney*, K., **Curtis, A. F.**, & McCrae, C. S. (2021, September). *Daily Associations between Sleep, Physical Activity, and Pain Change in a Chronic Pain Sample*. 3rd Annual Society of Behavioral Sleep Medicine Scientific Meeting, Nashville, TN.
51. Hayse, B., Stearns, M., Mazurek, M., **Curtis, A. F.**, Nair, N., Beversdorf, D. Q., Golzy, M., Sohl, K. A., Ner, Z. H., Davis, B. E., Takahashi, N., & McCrae, C. S. (2021, September). *Parent Fatigue Moderates the Relationship between Child Sleep Disturbances and Irritability in Children with Autism Spectrum Disorder*. 3rd Annual Society of Behavioral Sleep Medicine Conference, Nashville, TN.
50. McCrae, C., Craggs, J. G., **Curtis, A. F.**, Nair, N., Kay, D., Staud, R., Berry, R. B., & Robinson, M. E. (2021, September). *Neural activation in Response to Pain Changes Following Cognitive Behavioral Therapy for Patients with Comorbid Fibromyalgia and Insomnia: A pilot study*. 3rd Annual Society of Behavioral Sleep Medicine Conference, Nashville, TN, United States.
49. Coman*, A., Costa*, A. N., Musich*, M., Beversdorf, D. Q., & **Curtis, A. F.** (2021, July). *Sex differences in physical activity moderating the association between pre-sleep arousal and pain intensity*. 2021 Spring Undergraduate Research and Creative Achievements Forum, University of Missouri Summer Undergraduate Research Program, Columbia, MO.
48. Miller, M. B., **Curtis, A. F.**, Freeman, L., Park, C. J., Hall, N., Sahota, P. K., & McCrae, C. S. (2021, June). *Cannabis effects on treatment response among young adult drinkers with insomnia*. Annual meeting of the Research Society on Alcoholism, San Antonio, TX.
47. **Curtis, A. F.**, Nair, N., Craggs, J., McGovney*, K., & McCrae, C. S. (2021, June). *Sleep and gray matter volume: The role of physiological arousal*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
46. Jagannathan, S.*, Rodgers, M.*, Miller, M. B., McCrae, C. S., & **Curtis, A. F.** (2021, June). *COVID-19 anxiety and sleep in middle-aged and older adults: Impact of age and sex*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
45. Schmiedeler*, A., Connell*, M., & **Curtis, A. F.** (2021, June). *The relationship between personality and sleep: Subjective cognition as a mediator*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
44. **Curtis, A. F.**, Schmiedeler*, A., Jagannathan*, S., Connell*, M., Atkinson*, A., Miller, M. B., McCrae, C. S. (2021, June). *Subjective sleep and objective cognition in middle-aged and older adults: Does sex matter?* 2021 Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
43. Nair, N., **Curtis, A. F.**, Stephens*, R. L., Hayse, B., Studdard, P., Craggs, J. G., McCrae, C. S. (2021, June). *Cortical thickness moderates association between sleep architecture and pain in adults with fibromyalgia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society (virtual meeting due to COVID-19).
42. Stephens*, R. L., **Curtis, A. F.**, McGovney*, K., McCrae, C. S. (2021, June). *Sleep, pain, and cognition in women with chronic widespread pain and insomnia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society (virtual meeting due to COVID-19).
41. McGovney*, K., **Curtis, A. F.**, McCrae, C. S. (2021, June). *Associations between objective afternoon and evening physical activity and polysomnographic sleep in fibromyalgia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society (virtual meeting due to COVID-19).
40. Miller, M. B., **Curtis, A. F.**, Hall, N. A., Everson, A., Park, C. J., Martinez, L., Freeman, L. K., & McCrae, C. S. (2021, June). *Sleep hygiene compliance and sleep in young adult drinkers with*

- insomnia: A daily analysis*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society (virtual meeting due to COVID-19).
39. Stokes*, G., & **Curtis, A. F.** (2020, November). *Physical activity and sleep in middle-aged and older adults: Moderating roles of sex and COVID-19 anxiety*. Health Sciences Research Day, University of Missouri School of Medicine, Columbia, MO.
 38. Schmiedeler*, A., Connell*, M., & **Curtis, A. F.** (2020, November). *Sex differences in COVID-19 related anxiety and subjective cognition in middle-aged and older adults*. Health Sciences Research Day, University of Missouri School of Medicine, Columbia, MO.
 37. Rodgers*, M., & **Curtis, A. F.** (2020, November). *Associations between COVID-19 media exposure, anxiety and risk perception in middle-aged and older adults: Does sex matter?* Health Sciences Research Day, University of Missouri School of Medicine, Columbia, MO.
 36. **Curtis, A. F.**, Nair, N., Craggs, J. G., McGovney, K. *, & McCrae, C. S. (2020, November, virtual presentation due to COVID-19). *Frontal cortical gray matter volume moderates associations between pain and cognitive performance in adults with chronic widespread pain and insomnia*. 2nd Annual Society of Behavioral Sleep Medicine Scientific Meeting. (Virtual meeting due to COVID-19).
 35. McCrae, C. S., **Curtis, A. F.**, McGovney, K., Nair, N., Davenport, M. (2020, November, virtual presentation due to COVID-19). *Brief Cognitive-Behavioral Therapy for Insomnia and Pain in adults with chronic widespread pain: Preliminary impact on sleep, pain, and fatigue*. 2nd Annual Society of Behavioral Sleep Medicine Scientific Meeting. (Virtual meeting due to COVID-19).
 34. McGovney*, K., **Curtis, A. F.**, & McCrae, C. S. (2020, November). *Associations between sleep architecture and pain in a sample of primarily middle-aged to older adults with chronic pain*. 2nd Annual Society of Behavioral Sleep Medicine Scientific Meeting, Virtual meeting due to COVID-19.
 33. **Curtis, A. F.**, & McCrae, C. S. (2020, November). *Metacognition in older adults with insomnia: Associations with sleep and domain specific cognition*. 2nd Annual Society of Behavioral Sleep Medicine Scientific Meeting. (Virtual meeting due to COVID-19).
 32. Stearns, M., **Curtis, A. F.**, Nair, N., Wilkerson, A., Nadorff, D. K., McCrae, C. S. (2020, November). *Adolescent sleep mediates depressive symptoms and the use of clear rules*. 2nd Annual Society of Behavioral Sleep Medicine Scientific Meeting. (Virtual meeting due to COVID-19).
 31. McCrae, C. S., Craggs, J. G., **Curtis, A. F.**, Staud, R., Berry, R. B., Robinson, M. (2020, August). *Objective Sleep and Neural Response to Thermal Pain Testing following Cognitive Behavioral Treatment in Patients with Comorbid Insomnia and Fibromyalgia: A Pilot Study*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
 30. **Curtis, A. F.**, McGovney*, K., McCrae, C. S. (2020, August). *Associations between physiological arousal and executive function in adults with chronic widespread pain and insomnia complaints*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
 29. McCrae, C. S., **Curtis, A. F.**, Nair, N., Deroche, C. B., Shenker, J., Rowe, M. (2020, August). *Development and Initial Evaluation of Web-based Cognitive Behavioral Therapy for Insomnia “NiteCAPP” in Rural Dementia Caregivers: A Mixed-Methods Study*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society. (Virtual Meeting due to COVID-19).
 28. McGovney*, K., **Curtis, A. F.**, Mazurek, M. O., Chan, W. S., Deroche, C. B., Munoz, M., Davenport, M., Takahashi, N., Muckerman, J. E., McCann, D., Sahota, P., Mills, B., McCrae, C. S. (2020, August). *Nightly Associations between Pre-Bedtime Activity, Actigraphic Light, and Sleep in Children with ASD and Insomnia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the

- Sleep Research Society. (Virtual Meeting due to COVID-19).
27. **Curtis, A. F.**, Dzierzewski, J. M., Buman, M. P., Giacobbi, P. R., Roberts, B. L., Morgan, A. A., Marsiske, M., McCrae, C. S. (accepted, cancelled due to COVID-19). *Sleep and cognition in sedentary older adults: Moderating roles of pain and physical activity*. 2020 Cognitive Aging Conference, Atlanta, Georgia.
 26. **Curtis, A. F.**, Williams, M. M., Dautovich, N. D., McNamara, J. P. H., Stripling, A., Dzierzewski, J. M., Berry, R. B., McCoy, K. M., Marsiske, M., McCrae, C. S. (2019, Sept). *Associations between pain reduction and cognitive improvement in older adults following Brief Behavioral Treatment for Insomnia*. 1st Annual Society of Behavioral Sleep Medicine Scientific Meeting, Birmingham, AL.
 25. McCrae, C. S. **Curtis, A. F.**, Miller, M. B., Rathinakumar, H., Williams, J., Roditi, D., Anderson, R., Mundt, J. M., Waxenberg, L. B., Boissoneault, J., Staud, R., Berry, R., Robinson, M. (2019, Sept) *Effects of CBT-I and CBT-P on sleep and opioid medication usage in adults with Fibromyalgia and insomnia*. 1st Annual Society of Behavioral Sleep Medicine Scientific Meeting, Birmingham, AL.
 24. **Curtis, A. F.**, Miller, M. B., Rathinakumar, H., Robinson, M., Staud, R., Berry, R. B., McCrae, C. S. (2019, June). *Opioid use and sleep architecture in Fibromyalgia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, San Antonio, TX.
 23. **Curtis, A. F.**, Roth, A. J., Sears, S. F., Conti, J. B., Berry, R. B., Dzierzewski, J. M., & McCrae, C. S. (2019, June). *Higher sleep efficiency improves attention and processing speed in patients with Implantable Cardioverter Defibrillators*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, San Antonio, TX.
 22. McCrae, C. S., **Curtis, A. F.**, Staud, R., Berry, R. B., & Robinson, M. (2019, June). *Baseline pain severity as a moderator of the effect of CBTi on sleep and pain outcomes in patients with Fibromyalgia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, San Antonio, TX.
 21. McCrae, C. S., **Curtis, A. F.**, Williams, J., Dautovich, N. D., McNamara, J. P. H., Stripling, A., Dzierzewski, J. M., Berry, R. B., McCoy, K., Marsiske, M. (2019, June). *Impact of Brief Behavioral Treatment for Insomnia (BBTi) on meta-cognition in older adults*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, San Antonio, TX.
 20. Miller, M. B., Yurasek, A. M., Pritshmann, R., **Curtis, A. F.**, McCrae, C. S. (2019, June). *Negative emotion as a mediator of the association between insomnia severity and marijuana problems in young adults*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, San Antonio, TX.
 19. McGovney, K., **Curtis, A. F.**, McCann, D., McCrae, C. S. (2019, June). *Associations between objective afternoon and evening physical activity and objective sleep in fibromyalgia*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, San Antonio, TX.
 18. McGovney*, K., **Curtis, A. F.**, McCann, D., McCrae, C. S. (2019, June). *Actigraphy assessment in Fibromyalgia: A standardized protocol to reduce discrepancies between subjective and objective Sleep*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, San Antonio, TX.
 17. Tierney, M. C., **Curtis, A. F.**, Chertkow, H., Rylett, R. J. (2018, Oct). *Integrating Sex and Gender into Neurodegeneration Research: A Six-Component Strategy*. CCNA Science Day, Montreal, QC.
 16. **Curtis, A.F.**, Miller, M.B., Boissoneault, J., Robinson, M., Staud, R., Berry, R. B., & McCrae, C. S. (2018, June). *Sleep Diary vs Actigraphy based Outcomes in Adults with Fibromyalgia: Do Opioid Dose and Age Predict Discrepancies?* Annual SLEEP meeting of the American Academy of

Sleep Medicine and the Sleep Research Society, Baltimore, MD.

15. Miller, M.B., Chan, W.S. **Curtis, A.F.**, Boissoneault, J., Robinson, M., Staud, R., Berry, R. B., & McCrae, C. S. (2018, June). *Opioid Use and Sleep among Adults with Chronic Pain: A Daily Process Model*. Annual SLEEP meeting of the American Academy of Sleep Medicine and the Sleep Research Society, Baltimore, MD.
14. **Curtis, A. F.**, Zhang*, K., Davidson, H., Boccone, G., Masellis, M., Camicioli, R., & Tierney, M. C. (2017, Nov) *Patterns of cognitive deficits in non-demented Parkinson's disease relative to healthy controls: A meta-analysis*. 9th Annual Canadian Conference on Dementia, Toronto, ON.
13. **Curtis, A. F.**, Zhang*, K., Masellis, M., Camicioli, R., & Tierney, M. C. (2017, Oct) *Sex Differences in Visuospatial, Verbal Memory, and Frontal Executive Abilities in Parkinson's Disease: A Meta-Analysis*. CCNA Science Day, Toronto, ON.
12. **Curtis, A. F.**, Turner, G. R., Park, N. W., & Murtha, S. J. E. (2017, June). *Improving Spatial Working Memory: Impact of Cue Modality, Age, and Maintenance Interference*. Canadian Psychological Association Convention, Toronto, ON.
11. **Curtis, A. F.**, Khan*, D., Au, B., Zhang, K., Millett, G., Sepehry, A., Ging-Yuek, R. H., Masellis, M., & Tierney, M. C. (2016, Oct). *Prevalence of sex differences in genetic mutations in patients with frontotemporal dementia and amyotrophic lateral sclerosis: A meta-analysis*. CCNA Science Day, Vancouver, BC.
10. Elterman, D. S., **Curtis, A.**, Van Asseldonk, B. (2016, Oct). *Efficacy of the Coloplast care program for catheter users*. 36th annual Congress of the Societe Internationale D'Urologie, Buenos Aires, Argentina.
9. Tierney, M. C., **Curtis, A. F.**, Baines, N., Rylett, J., Posluns, L., Tannenbaum, C., Chertkow, H. (2016, July). *Integration of Sex and Gender in the Research of the Canadian Consortium on Neurodegeneration in Aging (CCNA)*. 2016 Alzheimer's Association International Conference, Toronto, ON.
8. Elterman, D. S., **Curtis, A. F.** (2016, June). *The cost-effectiveness of Greenlight laser compared to transurethral resection of the prostate for patients with benign prostate hypertrophy*. 71st annual Canadian Urological Association Meeting, Vancouver, BC.
7. Elterman, D. S., Van Asseldonk, B., Matthew, A., Brock, G., Ellis, S., **Curtis, A. F.**, et al. (2016, May). *Canadian Consensus Guidelines for Sexual Rehabilitation Following Prostate Cancer Treatment*. 64th Annual American Urological Association Meeting, San Diego, CA.
6. **Curtis, A. F.**, Turner, G. R., Park, N. W., & Murtha, S. J. E. (2016, April). *Improving spatial working memory in younger and older adults: Effects of cross-modal cues*. 2016 Cognitive Aging Conference, Atlanta, Georgia.
5. **Curtis, A. F.**, Comrie, J. K., Grunberg, J., Murtha, S. J. E. (2015, May). *Good vibrations: Tactile cue validity matters in attention tasks*. Association for Psychological Science Convention, New York, NY.
4. **Curtis, A. F.**, Comrie, J. K., Colange, A. & Murtha, S. J. E. (2012, April). *Effects of Auditory Cues on Visual Attention: Cost/Benefits of Cue Type and Validity Expectancy*. Cognitive Neuroscience Society Conference, Chicago, IL.
3. Comrie, J. K., **Curtis, A. F.**, Branscombe-Caird, L., McLaughlin, P. M., Murtha, S. J. E. (2012, April). *Effect of Brain Training Games of Cognitive Performance, Self-Efficacy and Mood*. Cognitive Neuroscience Society Conference, Chicago, IL.
2. **Curtis, A. F.**, Comrie, J. K., McLaughlin, P. M., Murtha, S. J. E. (2012, February). *Self-Reported Cognitive Failure, Cognitive Performance and Mood Across the Adult Lifespan*. Southern Ontario

Interdisciplinary Health & Aging Symposium, Hamilton, ON.

1. **Curtis, A. F.**, & Murtha, S. J. E. (2010, April). *Aging, Attention and Visual Short-term Memory: Effects of Cross-modal Cueing*. 2010 Cognitive Aging Conference, Atlanta, GA.

MEDIA & COMMUNITY PRESENTATIONS

- 2022 Invited Speaker, “*Insomnia and Sleep Hygiene*”, Missouri Health Talks, KBIA, Columbia, MO.
<https://www.kbia.org/podcast/missouri-health-talks/2022-01-06/insomnia-sleep-hygiene-you-definitely-dont-want-to-do-anything-thats-going-to-mess-up-your-chances-of-falling-asleep-and-staying-asleep>
- 2020 Invited Speaker, “*Sleep Health and Aging*”, The Healing Sanctuary OC,
<https://www.youtube.com/watch?v=cMQkvjrZZnk&t=2s>
- 2020 Invited Speaker, “*Sleep, Cognition, and Aging*”, BrainShape Podcast, Toronto, ON
<https://www.brainshape.ca/podcast/ashley-curtis-sleep>
- 2009 External Presentation, “*Aging and Attention*”, Harmony Hall Community Center, Toronto, ON,
2009 External Presentation, “*Aging and Attention*”, Crescent Town Community Center, Toronto, ON
2009 External Presentation, “*Aging and Attention*”, Sunshine Center, Toronto, ON

PATENTS

1. Curtis, Ashley. 2024. *COGMUSE: A novel computerized cognitive training program*. U.S. Patent 63/697,242, filed September 16th, 2024. Provisional patent.

GRANTS

Current Funding

Faculty Excellence Research Grant

CURTIS (PI)

Women in Leadership & Philanthropy, University of South Florida Foundation
Research on insomnia, cognition, and sex differences in older adults (RISE-OA)
Role: PI (0% effort)
Total Costs: \$5,000 (4/10/2024-4/9/2025)

Bridge to Success Grant for Early Career Investigators (325-BS-23)

CURTIS (PI)

American Academy of Sleep Medicine Foundation
Novel Adaptive Cognitive Training in Autistic Adults with Co-occurring Insomnia
Role: PI (15% effort)
Total Costs: \$99,995 (04/17/2024-04/16/2025)

Women’s Health Collaborative Grant

CURTIS (PI)

Judy Genshaft Women’s Health Collaborative Seed Grant Fund
Middle-age Investigation of Variability in Sleep and Pain: Understanding Their Association with Cognitive Change Across Menopause (MID-VISTA)
Role: PI (0% effort)
Total Costs: \$15,000 (11/01/2023-10/31/2024)

R01AA030525-01A1**MILLER (PI)**

National Institutes of Health/National Institute on Alcohol Abuse and Alcoholism

Sleep as a Mechanism of Change in Alcohol Use Outcomes among Heavy-Drinking Adults

Role: Co-I (5% effort)

Direct Costs: \$2,444,776 (09/01/2023-08/31/2028)

R01 DA054311 - 01A1**MCCRAE (PI)**

National Institutes of Health/National Institute on Drug Abuse

Improving Sleep and Reducing Opioid Use in Individuals with Chronic Pain

Role: Co-I (5% effort)

Direct Costs: \$2,469,922 (08/01/2023-07/31/2028)

SRS Small Research Grant**COSTA (PI)**

Sleep Research Society Foundation

Dissecting Associations Between Subjective and Objective Cognition: The Role of Sleep

Role: Primary Mentor (0% effort)

Direct Costs: \$5,000 (01/01/2023-12/31/2023; in NCE)

Pilot Study Award**MILLER (PI)**

Missouri Center for Addiction Research & Engagement, University of Missouri

Identification of Blackouts in Real Time

Role: Co-I (0% effort)

Total Costs: \$39,610 (01/2022-12/31/2022)

R01 AG066081-01A1**MCCRAE (PI)**

National Institutes of Health/National Institute on Aging

NiteCAPP: Web-based Interventions for Insomnia in Rural Dementia Caregivers: Examination of Sleep, Arousal, Mood, Cognitive, and Immune Outcomes

Role: Co-I (10% effort)

Direct Costs: \$2,458,358 (07/01/2021-06/30/2025)

R01 NR017168 -01A1 S1**MCCRAE (PI)**

National Institutes of Health/National Institute on Aging

Contributions of Sleep and Pain to Alzheimer's Disease Related Biomarkers: Identifying Modifiable Risk Factors in Women with Normal to Mildly Impaired Cognitive Function

Role: Co-I (10% effort)

Direct Costs: \$249,999 (05/01/2021-05/21/2022)

R01 NR017168**MCCRAE (PI)**

National Institutes of Health/National Institute of Nursing Research

Impact of CBT for Insomnia on Pain Symptoms and Central Sensitization in Fibromyalgia

Role: Co-I (5% effort)

Direct costs: \$2,079,134 (08/27/2018-05/31/2023)

AR190047**MCCRAE (PI)**

Department of Defense

Targeting Insomnia in School Aged Children with Autism Spectrum Disorder

Role: Co-I (5% effort)

Direct costs: \$996,029 (07/15/2020-07/14/2024)

Pending/Submitted Proposals

The Corridor Early-Stage Innovation Fund

CURTIS (PI)

Florida High Tech Corridor/USF Research & Innovation

COGMUSE: Adaptive Cognitive Training and Combined Music Listening Intervention

Role: PI

Direct Costs: \$25,000 (08/01/2025-07/31/2025)

Alzheimer's Association Research Grant

CURTIS (PI)

Alzheimer's Association

Menopause, Sleep, Circadian & Inflammatory Markers on Alzheimer's Outcomes

Role: PI

Direct Costs: \$199,902 (04/01/2025-03/31/2028)

National Dementia Workforce Survey (NDWS) Pilot Award

CURTIS (PI)

NDWS

Understanding Provider Perspectives: Addressing Capability, Opportunity and Motivation Barriers and Moderators in MCI and Alzheimer's Disease Assessment in Primary Care

Role: PI

Direct Costs: \$99,950 (04/01/2025-03/31/2026)

Outcome: Not Funded, recommended resubmission.

R0000000-00

MCCRAE (PI)

National Institutes of Health/National Institute on Aging

Taking NiteCAPP CARES Nationwide: Real World Efficacy Using Digital CBT-I to Target Caregiver Insomnia and Stress to Improve their Physical, Emotional, and Neurocognitive Health

Role: Co-I

Total Costs: \$3,697,795

R01AG093902-01

CURTIS (PI)

National Institutes of Health/National Institute on Aging

Sex Differences in Sleep Related Attentional Bias in Older Adults with Insomnia and Mild Cognitive Impairment

Role: PI

Direct Costs: \$2,499,633 (04/01/2025-03/31/2030)

Interdisciplinary Research Awards

MCCRAE (PI), RICHARDSON (MPI), LE (MPI)

Bridging the Gap: Improving Implementation of Sleep Intervention Science

Role: Co-I/Early-Stage Investigator Project Lead

Total costs: \$500,000 (05/2024-04/2026)

Outcome: Not Funded

Research Award**CURTIS (PI)**

Foundation for Women's Wellness

Sex Differences in Cognitive and Neural aspects of Sleep Related Attentional Bias in Older Adults with MCI and Insomnia

Role: PI

Total Costs: \$25,000

Outcome: Not Funded

2024 Alice F. Chang Cancer Wellness Grant**CURTIS (PI)**

American Psychological Foundation

Contributions of Daily Variability in Sleep, Pain and Cognition to Cognitive Status in Breast Cancer Survivors

Role: PI

Total Costs: \$12,000

Outcome: Not Funded

R61AG087050-A1**CURTIS (PI)**

National Institutes of Health/National Institute on Aging

Adaptive Combined Cognitive Training and Music Listening Intervention (COGMUSE) for Older Adults with Mild Cognitive Impairment and Insomnia

Role: PI

Direct Costs: \$649,915 (04/01/2025-03/31/2027)

R01 AG087289**CURTIS (PI)**

National Institutes of Health/National Institute on Aging

Alzheimer's disease risk factors and related outcomes in middle-aged women: Examining menopause, inflammation, sleep and cognition.

Role: PI

Direct Costs: \$2,489,805 (04/01/2024-03/31/2029)

R01 identifier pending**MCCRAE (PI)**

National Institutes of Health

Virtual Reality for Insomnia: Targeting Sleep to Target Pain

Role: Co-investigator

Total costs: \$3,695,864 (07/01/24 - 06/31/29)

R01 MH136306**MCCRAE (PI)**

National Institutes of Health/National Institute of Mental Health

Web-based Cognitive Behavioral Therapy for Insomnia in Autistic Adults: Effects on Sleep, Arousal, and Daytime Functioning

Role: Co-I

Total costs: \$3,740,206 (04/01/2024-03/31/2029)

R01 AG078236A-01**CURTIS (PI)**

National Institutes of Health/National Institute on Aging

Cognitive Training in Older Adults with Mild Cognitive Impairment and Insomnia: Effects on Cognition,

Sleep and Daytime Functioning

Role: PI

Direct Costs: \$2,283,224 (07/01/2022-06/30/2027)

R01 AG079174-01

CURTIS/MCCRAE (MPIs)

National Institutes of Health/National Institute on Aging

Combined online CBT for insomnia and cognitive training in older adults: Effects on sleep, cognition, and Alzheimer's disease related biomarkers

Role: MPI

Direct Costs: \$2,440,833 (07/01/2022-06/30/2027)

Sex and Gender in Alzheimer's Grant

CURTIS (PI)

Alzheimer's Association

Contributions of menopause, inflammation and sleep on cognition in mid-life

Role: PI

Total costs: \$250,000 (09/01/2023-08/31/2026)

Outcome: Not funded (Overall Impact Scores: 5, 3, 2; recommended for resubmission)

Dean's Pilot Grant Award

CURTIS (PI)

College of Nursing, USF

Adaptive Combined Cognitive Training and Music Listening Intervention (COGMUSE) for Older Adults with Mild Cognitive Impairment and Insomnia

Role: PI

Total Costs: \$12,500 (12/15/2023-12/14/2024)

Outcome: Not funded

Clinical Trial Award

MCCRAE/CURTIS (MPIs)

Department of Defense

Web-based Treatment of Insomnia for Autistic Adults: Effects on Sleep, Arousal, and Daytime Functioning

Role: Partnering PI

Direct costs: \$2,100,000 (Funding allocated to PI Curtis: \$300,000) (06/01/2023-05/31/2027)

*Recommended for funding as an alternate (but no additional funds available)

Career Development Award

CURTIS (PI)

Department of Defense

Adaptive Cognitive Training in Autistic Adults with Co-occurring Insomnia: A Multiphase Optimization Approach

Role: PI

Direct costs: \$500,000 (06/01/2024-05/31/2027)

Outcome: Not funded

Completed Funded Research

SRS Small Research Grant

MUSICH (PI)

Sleep Research Society Foundation

Contributions of Cognitive Functioning and Arousal to Subjective-Objective Sleep Discrepancy (SOSD) in

Younger and Older Adults

Role: Primary Mentor

Direct Costs: \$5,000 (01/01/2023-07/31/2024)

TRIUMPH Award

CURTIS (PI)

School of Medicine, University of Missouri

Cognitive Training in Mild Cognitive Impairment: Effects on Sleep, Cognition, and Arousal

Role: PI

Direct Costs: \$98,091 (05/01/2021-09/30/2023)

TRIUMPH Award

MCCRAE (PI)

School of Medicine, University of Missouri

Impact of Improving Sleep and Reducing Opioid Use on Central Pain Processing

Role: Co-I

Direct Costs: \$97,311 (05/01/2021-09/30/2023)

Focused Projects Award for Junior Investigators

CURTIS (PI)

American Academy of Sleep Medicine Foundation

Sleep-related attention bias in older adults: Impact of insomnia symptoms and sex

Role: PI

Total costs: \$39,996 (12/07/2021-06/07/2023)

Focused Projects Award for Junior Investigators

CURTIS (PI)

American Academy of Sleep Medicine Foundation

Effects of Computerized Cognitive Brain Training on Sleep, Arousal, and Daytime Functioning in Older Adults with Insomnia

Role: PI

Total costs: \$19,985 (02/25/2020-02/24/2022)

2020 COVID-19 Relief Funding Award

CURTIS (PI)

American Academy of Sleep Medicine Foundation

Effects of Computerized Cognitive Brain Training on Sleep, Arousal, and Daytime Functioning in Older Adults with Insomnia

Role: PI

Total costs: \$1,998 (04/09/2021-02/24/2022)

Undergraduate Research and Creativity Mentorship Program Award

PARK (PI)

College of Arts & Science, University of Missouri

Cognitive Training: Determining Optimal Games to Improve Cognition & Sleep in Middle-aged and Older Adults

Role: Faculty Mentor

Direct Costs: \$2,000 (01/01/2022-05/31/2021)

Undergraduate Research and Creativity Mentorship Program Award

ATKINSON (PI)

College of Arts & Science, University of Missouri

Sex-Specific Patterns of Associations Between Pain, Sleep and Cognition

Role: Faculty Mentor

Direct Costs: \$3,500 (05/01/2021-08/30/2021)

UNIVERSITY & PROFESSIONAL SERVICE

Journal Guest Editor

2024-2025 Guest Co-Editor, Research Topic: Exploring Circadian Rhythms and Sleep in Neurodegeneration, *Frontiers in Neuroscience*

Editorial Board Membership

2025-present Associate Editor, *Behavioral Sleep Medicine Journal*

2024-present Editorial Board Member, *Sleep Health*

2023-present Editorial Board Member, *Journal of Gerontology: Psychological Sciences*

2022-2024 Editorial Board Member, *Behavioral Sleep Medicine Journal*

Manuscript Reviewer

Addictive Behaviors, Alzheimer's & Dementia, Assistive Technology, Autism Research, Behavioral Sleep Medicine, Biology of Sex Differences, BMC Geriatrics, BMC Family Practice, BMC Primary Care, Brain & Behavior, Clinical Gerontologist, Cognitive Behavioral Neurology, Developmental Review, European Journal of Neurology, Experimental Aging Research, Games for Health Journal, Journal of Aging and Health, Journal of Alzheimer's Disease, Journal of the American Geriatrics Society, Journal of Anxiety Disorders, Journal of Clinical Sleep Medicine, Journal of Gerontology: Psychological Sciences, Journal of Occupational and Environmental Medicine, Journal of Pain Research, Journal of Sleep Research, Memory, Nature and Science of Sleep, Neuropsychiatry, PAIN, PLOS One, Preventative Medicine, Psychological Medicine, Psychology and Aging, Research in Autism Spectrum Disorders, Scientific Reports, Sleep Health, Sleep Medicine, Stress & Health, The Clinical Journal of Pain, The Clinical Neuropsychologist, The Gerontologist

Grant Reviewer

2025 (March) Ad-hoc Reviewer, 2025 Career Development Grants Review Committee, American Academy of Sleep Medicine Foundation

2024 (June, August) Reviewer, College of Nursing Mock Grant Review Series, USF

2024 (September) Ad-hoc Reviewer, 2024 Career Development Grants Review Committee, Academy of Sleep Medicine Foundation

2024 (June) Early Career Reviewer, National Institutes of Health Aging Systems and Geriatrics (ASG) study section

Other Academic Service

2025 Judge, USF Health Research Day, University of South Florida

2025-present Member, Research Search Committee, College of Nursing, University of South Florida

2025-present Member, Behavioral & Social Sciences Section- Annual Scientific Meeting Working Group, Gerontological Society of America

2025-present Member, Workshop, Webinar, and Podcast Program Workgroup, Gerontological Society of America

2024 Abstract Reviewer, "Behavior, performance and fatigue", SLEEP 2025

2024 Abstract/Symposium Reviewer, Gerontological Society of America 2024 Conference

2024 Judge, USF Health Science Research Day, University of South Florida

2024 Judge, Graduate Research Symposium, University of South Florida

2024 Member, Institutional Review Board Organizational Reviewer, College of Nursing, University of South Florida

2023 Oral and Poster Presentation Abstract Reviewer, “Adults: Sleep and aging, sleep and gender” & “Insomnia-Pathophysiology, epidemiology, diagnosis”, SLEEP 2023

2023-present Member, PhD Progression Committee, College of Nursing, University of South Florida

2023-present Member, Appointment, Promotion and Tenure (APT) Committee, College of Nursing, University of South Florida

2023 Moderator, Virtual Journal Club Seminar (May 2023), Education Committee, Society of Behavioral Sleep Medicine

2023 Member, Cognate Task Force, College of Nursing, University of South Florida

2023-present Chair, College of Nursing Research Website Committee, University of South Florida

2023-present Faculty Member, PhD Curriculum Committee, College of Nursing, University of South Florida

2023-present Member, Faculty Council, College of Nursing, University of South Florida

2023 Judge, Virtual Graduate Research Symposium, University of South Florida

2022 Oral Presentation Abstract Reviewer, SLEEP 2023

2022 Judge, Health Sciences Research Day, University of Missouri- School of Medicine

2021-2022 Faculty Member, Wellness Resource Committee, Department of Psychological Sciences, University of Missouri

2021-2022 Member, Behavioral Health Service Focus Area Workgroup, University of Missouri

2021 Session Proposal Review, “Clinical Sleep Science and Practice”, SLEEP 2022

2021 Session Chair, “Cognitive Aging II”, Annual Meeting of the Psychonomic Society, Virtual due to COVID-19

2021 Panel Member, Ideas Lab, Center for Healthy Longevity, University of Missouri

2020-present Member, Education Committee, Society of Behavioral Sleep Medicine

2020 Oral Presentation Abstract Reviewer, SLEEP 2021

2020 Judge, Health Sciences Research Day, University of Missouri- School of Medicine

2020 Mistreatment Awareness Training Facilitator, Dept. of Psychiatry, University of Missouri

2019 Session Proposal Reviewer, “Clinical Sleep Science and Practice”, SLEEP 2020

2019 Judge, Health Sciences Research Day, University of Missouri- School of Medicine

2018 Session Proposal Reviewer, “Clinical Sleep Science and Practice”, SLEEP 2019

2017 Judge, Hurvitz Brain Sciences Summer Student Oral Presentation Competition, Sunnybrook Health Sciences Center

2017 Judge, Summer Student Poster Competition, Sunnybrook Health Sciences Center

2016-2017 Abstract Reviewer, CCNA Day Sex and Gender Symposium Session

2016 YU-CARE Director Search Committee, York University

2013-2014 Graduate Student Trainee, York University Center for Aging Research and Education (YU-CARE), York University

2014-2016 YU-CARE Older Adult Participant Pool Organizer/Coordinator

2012 Session Chair, Ontario Undergraduate Thesis Conference, York University

2009-2011 Graduate Student Judge, Undergraduate Thesis Research Day, York University

2009-2010 Graduate Student Representative, Graceful Aging Alliance, York University

Professional Memberships

2023-present Member, Gerontological Society of America
2023-present Member, Division 20 (Adult Development and Aging), American Psychological Association
2021-present Member, Psychonomic Society
2019-present Member, Society of Behavioral Sleep Medicine
2018-present Member, American Academy of Sleep Medicine
2018-present Member, Sleep Research Society
2016-2017 Student Affiliate, Canadian Psychological Association
2015-2016 Association for Psychological Science Graduate Student Member
2014-2017 Canadian Society of Brain, Behavior and Cognitive Science Student Member
2010-2014 Cognitive Neuroscience Society Student Member

TEACHING EXPERIENCE

Course Director

- Spring 2025 **NGR 7819: Randomized Controlled Trials for Non-pharmacological Interventions**
College of Nursing, University of South Florida
Tampa, FL, USA
- Course Description: This graduate course provides instruction on randomized controlled trials (RCTs) of non-pharmacological interventions, with emphasis on behavioral treatment development, their role in evidence-based clinical practice and in clinical care guidelines.
 - Class size: 4
- Fall 2024 **NGR 7916: Grant Writing for Translational Science**
College of Nursing, University of South Florida
Tampa, FL, USA
- Course Description: This graduate course prepares individuals to develop a grant application in their area of research. The critical elements of the NIH grant application including the Specific Aims, and Research Strategy are presented along with additional required components.
 - Class size: 9
 - Student Rating: 4.58/5
- Summer 2024 **NUR 4165: Evidence-Based Practice**
College of Nursing, University of South Florida
Tampa, FL, USA
- Course Description: This undergraduate course provides the foundations of clinical inquiry, research methodology and critical appraisal in the synthesis of research findings for application in evidence-based nursing practice.
 - Class size: 66
 - Student Rating: 4.5/5
- Spring 2024 **NGR 7954: Communicating Nursing Science**
College of Nursing, University of South Florida

Tampa, FL, USA

- Course Description: A graduate level seminar that prepares individuals to attain skills in communicating nursing science through written and other media. Weekly peer review exercises emphasize writing, editing, and revising scientific evidence into understandable publishable manuscripts.
- Class size: 4
- Student Rating: 4.93/5

Fall 2022

PSYCH 3010: Research Methods I

Dept. of Psychology, University of Missouri
Columbia, MO, USA

- Course Description: Introduction to scientific reasoning, assessing validity and reliability in research, and basic research methods.
- Class size: 32
- Student Rating: 4.5/5

Fall 2021

PSYCH 3010: Research Methods I

Dept. of Psychology, University of Missouri
Columbia, MO, USA

- Course Description: Introduction to scientific reasoning, assessing validity and reliability in research, and basic research methods.
- Class size: 42
- Student Rating: 3.7/5

Fall 2020

PSYCH 9110: Studies in Experimental Psychology

Dept. of Psychology, University of Missouri
Columbia, MO, USA

- Course Description: A graduate level seminar class investigating current experimental research on the cognitive neuroscience of sleep and circadian rhythms.
- Class size: 5
- Student Rating: 4.85/5

Winter 2016

PSYCH 3490: Adult Development and Aging

Dept. of Psychology, York University
Toronto, ON, CAN

- Course Description: An examination of data and theories relating to the psychology of adult development and aging. Major topics include biological and psychological theories of aging; age changes in intelligence, personality and social relations; pathologies of old age and methods of intervention.
- Class size: 170
- Student Rating: 4.2/5

Course Design/Supervisor/Grader

2014-2015

PSYCH 3890: Attention: Cognitive Networks and Facilitation

Department of Psychology, York University

Toronto, ON, CAN

- Designed undergraduate course outline, grading rubric, bibliography of readings
- Conducted training of neuropsychological testing and data collection

Teaching Assistant (Department of Psychology, York University)

- 2015 **PSYCH 3260: Cognition** (Dr. Alice Kim)
2015 **PSYCH 2030: Intro to Research Methods** (Dr. Michael Petit)
2014 **PSYCH 2030: Intro to Research Methods** (Dr. Heather Jenkin)
2012-2014 **PSYCH 3265: Memory** (Dr. Norm Park)
2010-2014 **PSYCH 3260: Cognition** (Dr. Vinod Goel)
2010 **PSYCH 3260: Cognition** (Dr. Lynn Luo)
2009-2010 **PSYCH 3260: Cognition** (Dr. Tony Nield)
2008 **PSYCH 2240: Biological Basis of Behavior** (Dr. Susan Murtha)
- Duties included: grading tests, assignments, and papers; answering student questions related to course content; conducting tutorials; managing grade spreadsheets; Moodle website design/editing; computing final grades; administrative duties assigned by course director

Guest Lectures (Graduate)

- 10/2024 NGR 7107: Philosophical & Theoretical Applications for Nursing University of South Florida
(Course Director: Dr. Carmen Rodriguez)
Topic: "A Biopsychosocial Approach to Evaluating Cognitive Training Interventions"
- 10/2023 NGR 7107: Philosophical & Theoretical Applications for Nursing University of South Florida
(Course Director: Dr. Cecile Lengacher)
Topic: "A Biopsychosocial Approach to Evaluating Cognitive Training Interventions"

Guest Lectures (Undergraduate)

- 12/2015 PSYCH 3260: Cognition (Course Director: Alice Kim) York University
Topic: "Individual, Aging, and Gender Differences in Cognition"
Student Rating: 4.5/5
- 09/2015 PSYCH 3260: Cognition (Course Director: Alice Kim) York University
Topic: "History of Cognitive Psychology"
- 06/2015 PSYCH 3260: Cognition (Course Director: Alice Kim) York University
Topic: "Individual, Aging, and Gender Differences in Cognition"
Student Rating: 4.6/5
- 05/2015 PSYCH 3260: Cognition (Course Director: Alice Kim) York University
Topic: "History of Cognitive Psychology"
- 10/2014 PSYCH 3260: Cognition (Course Director: Dr. Vinod Goel) York University
Topic: "Memory"

MENTORING/ADVISING EXPERIENCE

Thesis/Dissertation/Qualifying Examination Supervision & Review

Graduate

2024-present	Natasa Billeci <i>Primary Advisor, Dissertation</i> <u>Dissertation Project</u> : TBD	College of Nursing, University of South Florida
2024-present	Amy Costa, MA <i>Mentor/Supervisor, Dissertation</i> <u>Dissertation Project</u> : TBD	Dept. of Psychology, University of South Florida
2024	Amy Costa, MA <i>Supervisor, PhD Qualifying Exam Committee</i>	Dept of Psychology, University of South Florida
2023	Albe Ng, MA <i>External Reviewer, Dissertation Examination</i>	Dept. of Psychology, University of Hong Kong
2023	Maria Moreno <i>Member, PhD Qualifying Exam Committee</i>	College of Nursing, University of South Florida
2022-2023	Madison Musich, BS <i>Mentor/Supervisor, Master's Thesis</i> <u>Thesis Project</u> : " <i>Subjective-Objective Sleep Discrepancy in Older Adults with and without Insomnia: Examining the Role of Cognition and Arousal.</i> " <u>Awards/Distinctions</u> : <i>University of Missouri Graduate Studies Distinguished Thesis Award</i>	Dept. of Psych Sciences, University of Missouri
2022-2023	Kevin McGovney <i>Member, Dissertation Committee</i> <u>Dissertation Project</u> : " <i>Physical Activity, Sleep, and Pain in Individuals with Chronic Pain</i> " <i>Member, PhD Qualifying Exam Committee</i>	Dept. of Psych Sciences, University of Missouri
2022	Casey Cohen, MA <i>Member, PhD Qualifying Exam Committee</i>	Dept. of Psych Sciences, University of Missouri
2022	Brittney Bishop-Chrzanowski <i>Member, Master's Thesis Committee</i>	Dept of Psych Sciences, University of Missouri

Thesis Project: “Post-encoding Interference Attenuates the Persistence of Emotional Memory Encoding”

2021-2022 Amy Costa, BS Dept. of Psych Sciences, University of Missouri
Mentor/Supervisor, Master’s Thesis

Thesis Project: “Subjective Cognition and Objective Cognitive Performance: The Moderating Role of Sleep”

Awards/Distinctions: University of Missouri Graduate Studies Distinguished Thesis Award

2021-2022 Braden Hayse, MS Dept. of Psych Sciences, University of Missouri
Member, Master’s Thesis Committee

Thesis Project: “Sleep Intraindividual Variability and Fatigue in Parents of Children on the Autism Spectrum”

2020-2022 Kevin McGovney, BA Dept. of Psych. Sciences, University of Missouri
Member, Master’s Thesis Committee

Thesis Project: “Pre-Bedtime Physical Activity, Light, and Sleep in Children with Autism Spectrum Disorder”

2020 Enrico Sella Dept. of General Psychology, University of Padova
External Reviewer, Dissertation Examination

Dissertation: “The Relationship Between Metacognition Related to Sleep, Objective and Subjective Sleep Quality, and Quality of Life in Healthy Aging”

Undergraduate

2021 Puja Halder Dept. of Psychology, University of Missouri
Primary Mentor/Supervisor, Undergraduate Honors Capstone Thesis Project

Thesis Project: “Anxiety and Sleep in Middle-aged and Older Adults: Moderating Roles of Rurality and Nutrition”

2020 Grant Stokes Dept. of Biology, University of Missouri
Primary Mentor/Supervisor, Undergraduate Thesis Project

Thesis Project: “Physical Activity and Sleep in Middle-aged and Older Adults: Moderating roles of age, anxiety and sex”

Clinical Research Supervision

Graduate Students

2024-present	Natasa Billeci, RN	College of Nursing, University of South Florida
2024-present	Susan Rodriguez, BA	Dept. of Psychology, University of South Florida
2023 -present	Amy Costa, MA	Dept. of Psychology, University of South Florida
2021-present	Madison Musich, MA	Dept. of Psych Sciences, Univ. of Missouri
2021-2023	Amy Costa, MA	Dept. of Psych Sciences, Univ. of Missouri

2020-2022 Anthony Schmiedeler, MS Dept. of Counseling Psychology, Univ. of Missouri

Research Staff

2023 Amy Costa, MA College of Nursing, University of South Florida
2022-2023 Chloe Rzeppa, BA Dept. of Psych Sciences, Univ. of Missouri
2021-2022 Kenda Eberhardt, MA Dept. of Psychiatry, Univ. of Missouri
2020-2021 Jacob Wilhelm, MEd Dept. of Psychiatry, Univ. of Missouri

Medical Students – Summer Research Program

2022 Lauren Nowakowski, BS School of Medicine, Univ. of Missouri
2022 Kobe Young, BS School of Medicine, Univ. of Missouri

Emerging Nursing Scientist Summer Program Students

2024 Lauren Stuart College of Nursing, University of South Florida

Visiting Undergraduate Researchers

2022 Samuel Gonzalez Univ. of Missouri
2021 Adriana Coman Univ. of Missouri
2020-2021 Sadhika Jagannathan School of Medicine, Univ. of Missouri-KC

Undergraduate Researchers

2025-present Livia Gabricio Hertel Dept of Psychology, Univ. of South Florida
2024-present Mary Degenhardt College of Biomed Sciences, Univ. of South Florida
2024-present Manisha Katwal College of Public Health, Univ. of South Florida
2024-present Mie Ribeiro Dept. of Psychology, Univ. of South Florida
2023-present Alvina Nyguen College of Health Science, Univ. of South Florida
2023-present Ashlynn Gilbert College of Biomed Sciences, Univ. of South Florida
2023-present Celestine Sebastian College of Biomed Sciences, Univ. of South Florida
2023-2024 Naomi Burton College of Biomed Eng, Univ of South Florida
2023 Indu Parameswaran Dept. of Integrative Biology, Univ. of South Florida
2022-2023 Vanessa Lampley Dept. of Psych Sciences, Univ. of Missouri
2022-2023 Morgan Sylvester Dept. of Psych Sciences, Univ. of Missouri
2022 Aliza Ahmed Dept. of Psych Sciences, Univ. of Missouri
2022 Aniyah Modacure Dept. of Biology, Univ. of Missouri
2021-2023 Victoria (Nikki) Salathe Dept. of Psychiatry, Univ. of Missouri
2021-2023 Jackson Weller Dept. of Biology, Univ. of Missouri
2021-2022 Jenny Park Dept. of Biology, Univ. of Missouri
Arts & Science Undergraduate Research and Creativity Mentorship Program Award
Research Project: “Cognitive Training: Determining Optimal Games to Improve Cognition & Sleep in Middle-aged and Older Adults”
Awards & Distinctions: Mark Twain Scholarship Recipient (\$50,000 fellowship for graduate studies at international institution); Barry Goldwater Scholarship Recipient; Rhodes Scholar Finalist

2021-2022	Karina Liu	Dept. of Biology, Univ. of Missouri
2021-2022	Dakota Knous	Dept. of Psych Sciences, Univ. of Missouri
2021-2022	Chloe Rzeppa	Dept. of Psych Sciences, Univ. of Missouri
2021-2022	Joshua Perry	Dept. of Psych Sciences, Univ. of Missouri
2021	Derek Lang	Dept. of Biology, Univ. of Missouri
2020-2022	Angela Atkinson	Dept. of Psych Sciences, Univ. of Missouri
	Arts & Science Undergraduate Research and Creativity Mentorship Program Award	
	<u>Research Project: "Sex-Specific Patterns of Associations Between Pain, Sleep and Cognition"</u>	
2020-2021	Maggie Connell	School of Health Professions, Univ. of Missouri
2020-2021	Mikayla Rodgers	School of Health Professions, Univ. of Missouri
2019-2021	Grant Stokes	Dept. of Biology, Univ. of Missouri
2019-2020	Emilee Carlton	Dept. of Psych Sciences, University of Missouri
2019-2020	Cameron Myers	Dept. of Biology, University of Missouri
2018-2019	Himangshu Rathinakumar ^a	Dept. of Psychiatry, University of Missouri
2018-2019	Kevin McGovney ^a	Dept. of Psychiatry, University of Missouri
2018-2019	Devin Smalley ^a	Dept. of Psychiatry, University of Missouri
2017	Gabriella Boccone ^b	Sunnybrook Research Institute, Toronto, ON
2016-2017	Kathy Zhang ^b	Sunnybrook Research Institute, Toronto, ON
2016-2017	Geneva Millett ^b	Sunnybrook Research Institute, Toronto, ON
2014-2015	Jared Grunberg ^c	Dept of Psych, York University, Toronto, ON
2011-2012	Anthony Colangelo ^c	Dept. of Psych, York University, Toronto, ON
2008-2009	Simina Luca ^c	Dept. of Psych, York University, Toronto, ON

^aco-mentored with Dr. Christina McCrae

^bco-mentored with Dr. Mary Tierney

^cco-mentored with Dr. Susan Murtha

WORKSHOPS/ADDITIONAL TRAINING

Data Analysis Workshops

06/2018 *Actigraphy Processing Training*
MizZzou Sleep Research Lab

- Actigraph configuration, data retrieval
- Actigraph data processing using Respironics Actiware software

05/2018 *Heart Rate Variability (HRV) Analysis*
Washington University, St. Louis, MO

- Instructor: Dr. Phyllis Stein
- Completed 4-day training course on ECG scanning and HRV analysis
- Software: Sentinel Spacelabs, Pathfinder Spacelabs, HRV Interactive

2018-2019 *MRI Analysis Workshop*

Brainstorm Lab, University of Missouri, Columbia, MO

- Instructor: Dr. Jason Craggs
- Weekly training workshop regarding MRI theory, preprocessing, and neuroimaging analysis (Structural MRI, fMRI, functional connectivity)

- Software: FSL, SPM, Brain Voyager

- 2011 *Introduction to fMRI Data Analysis*
York University
- Twelve-week graduate course teaching MRI/fMRI theory, analysis, and interpretation
 - Software: FSL
- 2018 *fMRI Scanner Operation/Data Collection*
Brain Imaging Center
University of Missouri, Columbia, MO
- 2-day workshop shadowing and leading MRI/fMRI scanning (8 Channel Trio 3 Tesla MR System), including cognitive testing, systems operation
- 2013-2014 *Graduate Course: Multivariate Analysis*
York University
- Topics: MANOVA, multiple regression, logistic regression, discriminant functions, factor analysis, path analysis
 - Software: SPSS, Lisrel (for Structural Equation Modeling/Path analysis)
- 2008-2009 *Graduate Course: Univariate Analysis*
York University
- Topics: t-tests, ANOVA, correlation, regression
 - Software: SPSS, R

Grant Writing/Teaching Workshops

- 3/17/2025 *Canvas Rx: Essential Practices for Modern Nursing Faculty*
University of South Florida, College of Nursing (online)
- 08/2020 *Online Teaching Certification Seminar: Excellence in Online Teaching*
-09/2021 University of Missouri (online)
- 04/2019 *American Academy of Sleep Medicine – Young Investigator Research Forum*
Bethesda, MD
- Selected as funded attendee at 3-day research forum for young investigators interested in careers in sleep research
- 06/2018 *Sleep Research Society's Grant Writing Workshop*
Baltimore Convention Center, Baltimore, MD
- Selected as an attendee in the 2018 competition
 - Day long workshop on NIH grant procedure, including a mock review panel where critique is given on specific aims of proposed project
- 11/2015 *Course Design Workshop for Graduate Students*
York University
- Day long workshop on course design, teaching strategies, etc. for new

undergraduate course instructors

- 2014 *Teaching Assistant Certificate in Teaching (TACT)*
York University
- This Staff and Development Educational Association (SEDA) accredited program offers teaching assistants formal training in teaching. Topics covered include: teaching philosophy and style; lecturing style; assessment techniques; overcoming conflict.
- 2010-2011 *Neuroscience Seminar Series*
York University
- Attended monthly lecture and discussion sessions with prominent academic researchers covering various topics in neuroscience

Relevant Certifications

- 2018-present *Good Clinical Practice Certificate*
University of Missouri, Columbia, MO & University of South Florida, Tampa, FL
- Online training course
 - Guidelines for phase I-IV clinical trials
 - Ethics approval, informed consent, standard operating procedures, etc.