

## Selected Publications

1. Boissoneault, J., Vatthauer\*, K., O'Shea, A., Craggs, J., Robinson, M., Staud, R., Berry, R.B., Perlstein, W., Waxenberg, L., & **McCrae, C.S.** (in press). Low-to-moderate alcohol consumption is associated with hippocampal volume in fibromyalgia and insomnia. *Behavioral Sleep Medicine*.
2. Graef, D. M., Janicke, D. M., & **McCrae, C. S.** (in press). Sleep patterns of a primarily obese sample of treatment-seeking children. *Journal of Clinical Sleep Medicine*.
3. Krietsch\*, K. N., Armstrong, B., **McCrae, C.**, & Janicke, D. (in press). Temporal associations between sleep and physical activity among overweight/obese youth. *Journal of Pediatric Psychology*.
4. Krietsch\*, K. N., Lawless, C., Fedele, D. A., **McCrae, C. S.**, & Janicke, D. M. (in press). Influence of asthma status on sleep variability in overweight/obese youth. *Journal of Asthma*.
5. **McCrae, C. S.**, Dzierzewski\*, J., McNamara\*, J. P. H., Vatthauer, K. E., Roth, A. J., & Rowe, M. A. (in press). Changes in sleep predict changes in affect in older caregivers of individuals with Alzheimer's dementia: A multilevel model approach. *Journal of Gerontology: Psychological Sciences*.
6. **McCrae, C. S.**, Roth\*, A. J., Ford, J., Crew, E. C., Conti, J. B., Berry, R. B., & Sears, S. F. (in press). Differences in psychological adjustment, daytime functioning, and device specific adjustment in patients with implantable cardioverter defibrillators (ICDs) as a function of sleep disorder diagnosis. *Behavioral Sleep Medicine*.
7. McNamara\*, J. P. H., Wang, J., Holiday, D., Young, J., Paradoa, M., Balkhi, A. M., Fernandez-Baca, J., & **McCrae, C. S.** (in press). Sleep disturbances associated with cigarette smoking: Results from the 2005-06 National Health and Nutrition Examination Survey. *Psychology, Health, & Medicine*.
8. Mundt\*, J. M., Crew\*, E. C., Krietsch\*, K., Roth\*, A., Vatthauer\*, K., Robinson, M. E., Staud, R., Berry, R. B., & **McCrae, C. S.** (in press). Measuring treatment outcomes in comorbid insomnia and fibromyalgia: Concordance of subjective and objective assessments. *Journal of Clinical Sleep Medicine*.
9. Shoji, K., Tighe, C., Dautovich\*, N.D., & **McCrae, C.S.** (in press). Beyond mean values: Quantifying intraindividual variability in pre-sleep arousal and sleep in younger and older community-dwelling adults. *Sleep Science*.
10. Shoji, K. D., M.A., Tighe, C. A., Imel, J. L., Dautovich\*, N. D., & **McCrae, C. S.** (in press). Napping in older and younger adults: Forbidden territory? *Journal of the American Geriatrics Society*.
11. Tighe, C. A., **McCrae, C. S.**, & Dautovich\*, N. D. (in press). Daily social contact in relation to sleep: The role of age. *Behavioral Sleep Medicine*.
12. Vatthauer\*, K. E., Craggs, J. G., Robinson, M. E., Staud, R., Berry, R. B., Perlstein, W. M., & **McCrae, C. S.** (2015). Sleep is associated with task negative brain activity in fibromyalgia participants with chronic insomnia. *Journal of Pain Research*, 8, 819-827.

13. Williams\*, J.M., **McCrae, C.S.**, Rodrigue, J. & Patton, P. (in press). A novel application of a Biopsychosocial Theory in the understanding of disturbed sleep before and after kidney transplantation. *Journal of Clinical Sleep Medicine*.
14. Dautovich\*, N. D., Shoji, K. D., & **McCrae, C. S.** (2015). Variety is the spice of life: A microlongitudinal study examining age differences in intraindividual variability in daily activities in relation to sleep outcomes. *Journal of Gerontology: Psychological Sciences*. 70(4), 581-90. PMID: 24326078. Public Access Compliance: Not applicable. Supported by American Psychological Association Science Directorate.
15. Floegel, T., Giacobbi, P. R., Jr., Dzierzewski\*, J. D., Aiken-Morgan, A, Roberts, B., Marsiske, M., **McCrae, C.** & Buman, M. (2015). Intervention markers of physical activity maintenance in older adults. *American Journal of Health Behavior*, 39, 487-499.
16. **McCrae, C. S.**, O'Shea, A. M., Boissoneault, J., Vatthauer\*, K., Robinson, M. E., Staud, R., Perlstein, W. M., & Craggs, J. G. (2015). Fibromyalgia patients have reduced hippocampal volume compared to healthy controls. *Journal of Pain Research*, 8, 47-52. PMID: pending, PMCID: pending, NIHMSID: pending, (PIF=X.XX)
17. Simor, P., Krietsch\*, K.N., Koteles, F., & **McCrae, C. S.** (2015 online). Day to Day Variation of Subjective Sleep Quality and Emotional States – A One-Week Prospective Study. *International Journal of Behavioral Medicine*, DOI 10.1007/s12529-015-9464-4.
18. Dzierzewski, J. M., Buman, M. P., Giacobbi, P. R., Roberts, B. L., Aiken Morgan, A., Marsiske, M., & **McCrae, C. S.** (2014). Exercise and sleep in community-dwelling older adults: Evidence for a reciprocal relationship. *Journal of Sleep Research*. PMID: 23980920, PMCID: PMC3844037, (PIF = 3.813).
19. Giacobbi, P. R., Jr., Buman, M. P., Dzierzewski\*, J. M., Aiken-Morgan, A., Roberts, B. L. Marsiske, M., Knutson, N., & **McCrae, C. S.** (2014). Content and perceived utility of mental imagery by older adults in a peer-delivered physical activity intervention. *Journal of Applied Sport Psychology*, 26, 129-143.
20. Graef, D. M., Janicke, D. M., **McCrae, C. S.**, & Silverstein, J. H. (2014). Quality of life in obese youth with and without sleep problems. *Children's Health Care*, 43, 39-53.
21. **McCrae, C. S.**, Bramoweth\*, A. D., Williams\*, J., Roth\*, A., & Mosti\*, C. (2014). Impact of brief cognitive behavioral treatment for insomnia on health care utilization and costs. *Journal of Clinical Sleep Medicine*, 10, 127-135. PMCID: PMC3899314.
22. Dzierzewski, J. M., Marsiske, M., Aiken Morgan, A., Buman, M. P., Giacobbi Jr., P. R., Roberts, B., & **McCrae, C. S.** (2013). Cognitive inconsistency and practice-related learning in older adults. *The Journal of Gerontopsychology and Geriatric Psychiatry*, 26(3), 173-184. PMID: pending, PMCID: pending, NIHMSID: 501549, DOI: pending, (PIF=0.28)
23. Hekler, E. B.<sup>1</sup>, Buman, M. P.<sup>1</sup>, Poothakandiyil, N., Rivera, D. E., Dzierzewski\*, J. M., Aiken Morgan A., **McCrae, C. S.**, Roberts, B. L., Marsiske, M., Giacobbi, P. R., Jr. (2013). Exploring behavioral markers of long-term physical activity maintenance: A case study of system identification modeling within a behavioral intervention. *Health Education & Behavior*, 40, 51S-62S. PMID: 24084400.

PMCID: PMC3806212. <sup>1</sup>Hekler and Buman contributed equally to this work and are listed at random. Buman is the corresponding author.

24. Lichstein, K. L., Nau, S. D., Wilson, N. M., Aguillard, R. N., Lester, K. W., Bush, A. J., & **McCrae, C. S.** (2013). Psychological treatment of hypnotic-dependent insomnia in older adults. *Behavior Research and Therapy*, 51, 787-796.
25. Shoji, K. D., **McCrae, C. S.**, & Dautovich\*, N. D. (2013). Age differences in the role of cognitive versus somatic arousal in sleep outcomes. *Behavioral Sleep Medicine*, 11, 1-15.
26. Williams\*, J.M., Kay\*, D.B., Rowe, M., & **McCrae, C.S.** (2013). Sleep discrepancy, sleep complaint, and poor sleep among older adults. *Journal of Gerontology: Psychological Sciences*, 68, 712-720. PMCID: PMC3744049.
27. Williams\*, J., Roth\*, A., Vathauer\*, K., & **McCrae, C. S.** (2013). Cognitive behavioral treatment of insomnia: General overview with special emphasis on chronic insomnia in select comorbid medical populations. *Chest*. 143, 554-565. (PIF = 5.85).
28. Anderson, R. J., **McCrae, C. S.**, Staud, R. M., Berry, R. B., & Robinson, M. E. Predictors of clinical pain in fibromyalgia: Examining the role of sleep. (2012). *Journal of Pain*. 13 (4), 350-358. PMID: 22381437.
29. Dautovich\*, N. D., Kay\*, D. B., Perlis, M. L., Dzierzewski\*, J. M., Rowe, M. A., & **McCrae, C. S.** (2012). Day-to-day variability in nap duration predicts medical morbidity in older adults. *Health Psychology*. Feb 27; Epub ahead of print. PMID: 22369491.
30. Kay\*, D. B., Dzierzewski\*, J. M., Rowe, M. A., & **McCrae, C. S.** (2012). Greater night-to-night variability in sleep discrepancy among older adults with a sleep complaint compared to noncomplaining older adults. *Behavioral Sleep Medicine*, 10, 1-15.
31. **McCrae, C. S.**, Vathauer\*, K. E., Dzierzewski\*, J. M., & Marsiske, M. (2012). Habitual sleep, reasoning, and processing speed in older adults with sleep complaints. *Cognitive Therapy and Research*, 36(2), 156-164.