

Taylor J. Atkinson

tatkinson1@mail.usf.edu | 13301 Bruce B. Downs Blvd., MHC 1318 Tampa, FL 33612 | 813-974-2414

EDUCATION

Ph.D. Student | University of South Florida | Tampa, FL | 2017-Present

- Aging Studies
- Major Professor: Dr. Ross Andel

Bachelor of Arts | Centenary College of Louisiana | Shreveport, LA | 2010-2014

- Major: Psychology
- Minor: Neuroscience
- Summa Cum Laude

PROFESSIONAL EXPERIENCE

Research Assistant | University of Utah | Salt Lake City, UT | 2014-2017

- Center for Alzheimer's Care, Imaging and Research
- Coordinated and carried out daily operations of an R01-funded study under Dr. Kevin Duff, including participant scheduling, cognitive testing, data analyses, and manuscript preparation.
- Conducted cognitive testing for several other studies at the Center.

RESEARCH EXPERIENCE

Practice Effects and Cognitive Change | 2017-Present

- Evaluating longitudinal neuropsychological data using practice effects as predictors of cognitive decline and conversion from MCI to AD in the Florida Alzheimer's Research Center dataset.
- Co-Investigator: Dr. Ross Andel
- University of South Florida; School of Aging Studies

Czech Brain Aging Study | 2017-Present

- Evaluating longitudinal neuropsychological data for predictors of cognitive decline and conversion from MCI to AD.
- Analyzing cognitive data to determine if practice effects predict cognitive decline.
- P.I.: Dr. Ross Andel
- University of South Florida; School of Aging Studies

Cognitive Training and Practice Effects in MCI | 2014-2017

- R01 funded clinical trial testing the efficacy of an online cognitive training program in participants with mild cognitive impairment and examining the role of practice effects as a predictive factor in intervention success.
- Responsible for study start-up, recruitment, screening, testing, scoring, data entry, IRB maintenance, some statistical analyses, and manuscript preparation.

- P.I.: Dr. Kevin Duff
- University of Utah; Center for Alzheimer's Care, Imaging and Research

Practice Effects and Imaging using Amyloid PET and FDG PET | 2014-2017

- Examining the relationship between practice effects, amyloid burden, and brain metabolism.
- Recruited and conducted cognitive testing on participants, assisted with statistical analyses and manuscript preparation.
- P.I.: Dr. Jon Hoffman and Dr. Kevin Duff
- University of Utah; Center for Alzheimer's Care, Imaging and Research

Acute Air Quality, Cognition, and Biomarkers in the Elderly | 2015-2017

- Investigating the possible influence of acute periods of poor air quality on the cognitive abilities of older adults.
- Responsible for study start-up, recruitment, screening, testing, scoring, data entry, IRB maintenance, and some statistical analyses.
- P.I.: Dr. Dustin Hammers
- University of Utah; Center for Alzheimer's Care, Imaging and Research

HONORS/SCHOLARSHIPS

- Vroonland Psychology Award, Centenary College of Louisiana, 2014
- Dean's List, Centenary College of Louisiana, 2010-2014
- Barry M. Goldwater Scholarship Honorable Mention, 2013
- TOPS Honors Scholarship, 2010-2014
- 1825 Scholars Academic Scholarship, 2010-2014

NATIONAL HONOR SOCIETIES

- Psi Chi, 2012
- Alpha Chi, 2013
- Omicron Delta Kappa, 2014
- Nu Rho Psi, 2014

RESEARCH PUBLICATIONS

- Duff, K., Hammers, D. B., Dalley, B. C. A., Suhrie, K. R., **Atkinson, T. J.**, Rasmussen, K. M., ... Hoffman, J. M. (2017). Short-term practice effects and amyloid deposition: Providing information above and beyond baseline cognition. *The Journal of Prevention of Alzheimer's Disease*, 4, 87-92.
- Duff, K., **Atkinson, T. J.**, Suhrie, K. R., Dalley, B. C. A., Schaefer, S. Y., & Hammers, D. B. (2017). Short-term practice effects in mild cognitive impairment: Evaluating different methods of cognitive change. *Journal of Clinical and Experimental Neuropsychology*, 39, 396-407.

- Hammers, D. B., **Atkinson, T. J.**, Dalley, B. C. A., Suhrie, K. R., Beardmore, B. E., Burrell, L., ... Hoffman, J. M. (2017). Relationship between 18F-flutemetamol uptake and RBANS performance in non-demented community-dwelling older adults. *Clinical Neuropsychologist*, *31*, 531-543.
- A Hammers, D. B., **Atkinson, T. J.**, Dalley, B. C. A., Suhrie, K. R., Horn, K. P., Rasmussen, K. M., ... Hoffman, J. M. (2017). Amyloid positivity using [18F]flutemetamol-PET and cognitive deficits in non-demented community-dwelling older adults. *Alzheimer's Disease and Associated Disorders*, *32*, 320-328.
- Hammers, D. B., Kucera, A. M., Card, S. J., Tolle, K. A., **Atkinson, T. J.**, Duff, K., & Spencer, R. J. (2017). Validity of a verbal incidental learning measure from the WAIS-IV in older adults. *Applied Neuropsychology: Adult*, *2*, 1-8.

ABSTRACT PUBLICATIONS

- **Atkinson, T. J.**, Dalley, B. C. A., Suhrie, K. R., Hammers, D. B., & Duff, K. (2016). Functional abilities in mild cognitive impairment: is self-report or informant report more relevant? *Clinical Neuropsychologist*, *30*, 386.
- **Atkinson, T. J.**, Suhrie, K. R., Dalley, B. C. A., Hammers, D. B., & Duff, K. (2016). Practice effects in mild cognitive impairment? It all depends on how you look. *Clinical Neuropsychologist*, *30*, 385-386.
- Dalley, B. C. A., Suhrie, K.R., **Atkinson, T.J.**, Beardmore, B., Horn, K., Rasmussen, K., ... Hoffman, J. M. (2016). The incremental validity of short-term practice effects in determining amyloid positivity. *Journal for Prevention of Alzheimer's Disease*, *3*, 308.
- Suhrie, K. R., **Atkinson, T. J.**, Dalley, B. C. A., Hammers, D. B., & Duff, K. (In Press). Does performance on the modified telephone interview for cognitive status (mTICS) tell us anything about functional abilities? *Journal of the International Neuropsychological Society*.
- Hammers, D. B., **Atkinson, T. J.**, Dalley, B. C. A., Suhrie, K. R., Horn, K. P., Rasmussen, K. M., ... Hoffman, J. M. (In Press.) Amyloid positivity using [18F]flutemetamol-PET and cognitive deficits in non-demented community-dwelling older adults. *Journal of the International Neuropsychological Society*.
- Suhrie, K. R., Dalley, B. C. A., **Atkinson, T. J.**, Hammers, D. B., & Duff, K. Association between a brief telephone screening measure and the repeatable battery for the assessment of neuropsychological status. Abstract submitted for publication.

POSTER PRESENTATIONS

- **Atkinson, T. J.**, Hammers, D. B., Dalley, B. C. A., Suhrie, K.R., Beardmore, B., Burrell, L. ... Hoffman, J. M. (2016, Nov.) Relationship between 18F-Flutemetamol uptake and RBANS performance in non-demented community-dwelling older adults. Poster presented at the *Society for Neuroscience Annual Meeting*, San Diego, CA.

RESEARCH INTERESTS

- Early indicators of Alzheimer's disease
- Non-pharmacological interventions to prevent cognitive decline
- Cognitive change in normal and abnormal aging
- Practice effects as predictors of cognitive change
- Cognitive assessment and amyloid-PET imaging

TEACHING INTERESTS

- Alzheimer's Disease Management
- Psychology of Aging
- Physical Changes and Aging
- Neuropsychology
- Cognitive Psychology
- Sensation and Perception