Joseph M. Gullett, Ph.D.

Assistant Professor
Neuropsychologist
Center for Cognitive Aging & Memory
Department of Clinical & Health Psychology
University of Florida

gullettj@phhp.ufl.edu
Office: (352) 294-8631
PO Box 100165
Gainesville, FL 32610

EDUCATION AND EXPERIENCE

Assistant Professor	2021-	AI Initiative at The University of Florida, Department of Clinical & Health Psychology, Center for Cognitive Aging & Memory
Research Assistant Professor	2019-2021	University of Florida, Department of Clinical & Health Psychology, Center for Cognitive Aging & Memory
Post-Doctoral Fellow	2017-2019	NIH T32 Fellow; Center for Cognitive Aging & Memory, Southern HIV Aging Research Center (SHARC), UF Neuropsychology Mentor: Ronald A. Cohen, Ph.D., ABPP-CN
Intern	2016-2017	Clinical Psychology / Geropsychology, West Los Angeles VA Medical Center, Los Angeles, California, USA; APA Full Accreditation
Ph.D.	2011-2017	Clinical Psychology, University of Florida, Department of Clinical & Health Psychology; APA Full Accreditation Area of Concentration: Neuropsychology Committee Chair: Russell M. Bauer, Ph.D., ABPP-CN
B.S.	2008	Psychology (Cum Laude), University of Florida

GRANT FUNDING

ACTIVE

NIA K23-AG080127
(PI: Gullett)
05/2023 – 04/2028
Role: Principal Investigator

"Using Artificial Intelligence to Predict Cognitive Training Response in Amnestic Mild Cognitive Impairment."
This project will use advanced machine learning tools to provide detailed predictions of MCI patients' likelihood of improving from a widely supported cognitive training intervention, and clarify how an individual patient's brain and cognitive features contribute to their response-to-intervention.

NIA R01-AG075014
(PI: Edwards)
09/01/2022-08/31/2027
Role: Co-Investigator

"ACTIVE MIND: An adaptive clinical trial of cognitive training to improve function and delay dementia."
We propose phase II of ACTIVE MIND, an adaptive randomized trial to identify the most efficacious CT exercises to improve everyday function in MCI. We will further quantify the effect size of CT to reduce incident ADRD among persons with MCI. In this phase II trial, our primary objective is to determine which CT arm results in the largest functional improvements and has the best probability to reduce ADRD incidence.

NIA R01-AG070349
(PI: Edwards)
02/01/2021-01/31/2026
Role: Co-investigator

"Preventing Alzheimer's Disease through Cognitive Training (the PACT trial)"
This five-year R01 project will investigate the benefits of cognitive training in preventing Alzheimer's disease in 7600 older adults across the United States. Participants will undergo useful field of view/double decision training with pre- and post-intervention assessment as well as 2 year follow up with MRI and PET imaging. This will be the largest

cognitive training trial in history aimed at definitively answering whether cognitive training can reduce dementia risk in healthy older adults. UF will serve as a study site enrolling 550 older adults in the PACT study.

NIMH R01 MH118514
1/2024-12/2028
(MPIs: Bilder, Arias, Drane, Loring, Umfleet, Cavanaugh)
Role: Other Significant Collaborator

"National Neuropsychological Network (NNN) – Competing Continuation"
This project will provide continuation of the National Neuropsychology Network. The National Neuropsychology Network (NNN) will contribute clinical diagnostic information and item-level data on the most widely used neuropsychological (NP) tests to the National Institute of Mental Health (NIMH) Data Archive (NDA). Data analyses will identify the latent constructs underlying these tests, increase efficiency of NP measurement, determine which NP measures are most informative with respect to key diagnostic questions, and examine the relations of psychiatric diagnoses and symptoms to cognitive impairment and disability.

COMPLETED

NIMH R01-MH118514-04
(MPIs: Bilder, Gullett, Drane, Loring, Umfleet)
03/2019-01/2024
Role: Site PI (Co-Investigator)

"National Neuropsychological Network (NNN)"
This research establishes a network of research clinics capable of generating data that will inform the development of novel procedures that are evidence-based and markedly more efficient than current methods. These advances will improve the quality of neuropsychological methods for both research labs and clinics, and ultimately be central to enhancing access to neuropsychological services nationwide.

NIA U01AG062368
(PI: Edwards)
09/30/18 - 05/31/22 (NCE)
Role: Co-investigator

"Planning an adaptive clinical trial of cognitive training to improve function and delay dementia. (ActiveMind)"
This two-year U01 project will develop the infrastructure for a large Phase II/III clinical trial investigating the impact of various forms of cognitive training on functional abilities and dementia conversation in patients with mild cognitive impairment. This grant involves sites at University of South Florida (parent site), University of California San Francisco and the University of Florida

NIAAA U24-AA029959
(PIs: Wu, Samuel; Cook, Robert)
12/01/2021 – 11/30/2023
Role: Co-investigator

"Southern HIV and Alcohol Research Consortium Biomedical Data Repository"
Create a multi-disciplinary repository for biomedical data derived from projects through the SHARC.

NIAAA U01-AA020797-09
(PI: Cook)
09/2019-06/2021(NCE)
Role: Co-Investigator

"Effects of Experimentally-Induced Reductions in Alcohol Consumption on Brain Cognitive, and Clinical Outcomes and Motivation for Changing Drinking in Older Persons with HIV Infection. (30-Day Challenge)"

NIAAA U01-AA026225-04
(PI: Barve, S.)
09/2017 - 08/2022
Role: Co-Investigator

"Alcohol associated Comorbidities and Microbiome Evaluation in HIV (ACME HIV)."
The goal of this proposal is to investigate the effects of heavy alcohol drinking on intestinal microbiota and gut barrier dysfunction with consequent peripheral inflammation, which ultimately worsen neurocognitive functions in HIV-1 infected individuals.

NIA U01-AA026225-04S1
(MPI: Barve)

"Administrative Supplement Role of Gut Microbial Dysbiosis in Aging on HIV-Associated in The Development of Alzheimer's Disease associated

09/2020 - 08/2021 **Role**: Supplement PI	*Dementia (ADRD)"* This one-year ADRD supplement designed by Dr. Gullett will determine how actigraphy-measured sleep quality influences long-term consolidation and retention of memory in a population at-risk of developing Alzheimer's disease.
NIAAA U01-AA020797-10S1 (PI: Cook) 09/2020 – 06/2021 **Role**: Co-Investigator	*"Covid-19 Supplement to Effects of Experimentally-Induced Reductions in Alcohol Consumption on Brain Cognitive, and Clinical Outcomes and Motivation for Changing Drinking in Older Persons with HIV Infection."*
NIDDK R01-DK099334-05 (PI: Cohen) 03/2020 – 06/2021 **Role**: Co-Investigator	*"Obesity and Type-2 Diabetes: Bariatric Surgery Effects On Brain Function. The WISE Study"*
NIA R01-AG061065-04 (PI: Barve, Cook, Cohen) 09/2018 - 05/2022 **Role**: Co-Investigator	"Role of Gut Microbial Dysbiosis and Aging on HIV-associated neurocognitive and brain dysfunction." To conduct collaborative studies to understand the gut-brain relationship in older persons living with HIV-1 infection. The study will examine the role of gut-driven mechanisms on HIV- associated Neurocognitive Disorders (HAND) in the aging HIV+ population.
1Florida Alzheimer's Disease Research Center Pilot Award AG047266 09/2019 – 08/2020 **Role:** Principal Investigator	*"Machine Learning Diagnostic Prediction using Multi-modal Neuroimaging, LASSI-L performance, and Disease Progression Information."*
NIAAA T32-AA25877 (PI: Cook) 09/2018 – 08/2019 **Role**: Postdoctoral Fellow	*"Translational Science Training to Reduce the Impact of Alcohol on HIV Infection"*

PENDING

None

Peer-Reviewed Publications

2023

Ho, B. D., **Gullett, J. M**., Anton, S., Franchetti, M. K., Bharadwaj, P. K., Raichlen, D. A., ... & Cohen, R. A. (2023). Associations between physical exercise type, fluid intelligence, executive function, and processing speed in the oldest-old (85+). *GeroScience*, 1-13.

Reise, S.P., Wong, E., Block, J., Widaman, K.F., **Gullett, J.M.,** Bauer, R.M., Drane, D.L., Loring, D.W., Glass-Umfleet, L., Wahlstrom, D., Enriquez, K., Whelan, F., Shih, S., & Bilder, R.M. Computerized Adaptive Test Strategies for the Matrix Reasoning Subtest of the Wechsler Adult Intelligence Scale, 4th Edition (WAIS-IV). *Journal of the International Neuropsychological Society*. IN PRESS.

Gullett, J.M. & DeFelice, J., Richards, V.L., Cohen, R.A., Porges, E.C., Govind, V., Salan, T., Wang, Y., Zhou, Z., & Cook, R.L. (2023). Resting State Connectivity in People Living with HIV Before and After Stopping Heavy Drinking. *Frontiers in Psychiatry*. https://doi.org/10.3389/fpsyt.2023.1102368

Chen, A.K., **Gullett, J.M.,** Williamson, J.B., & Cohen, R.A. (2023). Presurgical Microstructural Coherence Predicts Cognitive Change for Bariatric Surgery Patients. *Obesity,* 31(9), 2325-2334. http://dx.doi.org/10.1002/oby.23837

Richards, V.L, Wang, Y., Porges, E.C., **Gullett, J.M.,** … Cook, R.L. (2023). Using alcohol biosensors and biomarkers to measure changes in drinking: associations between transdermal alcohol concentration, phosphatidylethanol, and self-report in a contingency management study of persons with and without HIV. *Experimental and Clinical Psychopharmacology*. https://doi.org/10.1037/pha0000637

2022

Langer, K., Johnson, K. J., Williamson, J. B., **Gullett, J. M.,** Porges, E. C., Gunstad, J., ... & Cohen, R. A. (2023). Resting-state network functional connectivity before and after bariatric surgery. *Surgery for Obesity and Related Diseases*, *19*(7), 673-679. https://doi.org/10.1016/j.soard.2022.12.026

2021

Gullett, J.M., Albizu, A., Fang, R., Loewenstein, D.A., Duara, R., Rosselli, M., Armstrong, M.J., Rundek, T., Hausman, H.K., Dekosky, S.T., Woods, A.J., and Cohen, R.A. (2021). Baseline Neuroimaging Predicts Decline to Dementia from Amnestic Mild Cognitive Impairment. *Front. Aging Neurosci:* 828. 13:758298. https://doi.org/10.3389/fnagi.2021.758298

Monnig, M.A., **Gullett, J.M**., Porges, E.C., Woods, A.J., Monti, P.M., Tashima, K., Jahanshad, N., Thompson, P., Nir, T., Cohen, R.A. (2021). Associations of Alcohol Use, HIV Infection, and Age with Brain White Matter Microstructure. *Journal of Neurovirology,* 1-15. https://doi.org/10.1007/s13365-021-01021-8

Bryant, V. E., Britton, M. K., **Gullett, J. M**., Porges, E. C., Woods, A. J., Cook, R. L., ... & Cohen, R. A. (2021). Reduced Working Memory is Associated with Heavier Alcohol Consumption History, Role Impairment and Executive Function Difficulties. *AIDS and Behavior*, 1-8. https://doi.org/10.1007/s10461-021-03170-7

2020

Gullett, J.M., O'Shea, A., Cohen, R., Porges, E., Lamb, D. G., O'Shea, D.M., Pasternak, O., Woods, A.J. (2020). The Association of White Matter Free Water with Cognition in Older Adults. *Neuroimage,* 219, 117040. https://doi.org/10.1016/j.neuroimage.2020.117040

Gullett, J.M., Chen, Z., O'Shea, A., Akbar, M., Bian, J., Rani, A., Porges, E.C., Foster, T.C., Woods, A.J., Cohen, R.A. (2020). Micro RNA Predicts Cognitive Performance in Healthy Older Adults. *Neurobiology of Aging,* 95, 186-194. https://doi.org/10.1016/j.neurobiolaging.2020.07.023

Bryant, V., **Gullett, J.M.**, Porges, E., Cook, R. L., Bryant, K., Woods, A. J., Williamson, J., Ennis, N., & Cohen, R. A. (2020). History of Alcohol Consumption and HIV Status Related to Functional Connectivity Differences in the Brain During Working Memory Performance. Current HIV Research. https://doi.org/10.2174/1570162X18666200217100123

2019

Gullett, J. M., Cohen, R. A., Yang, G. S., Menzies, V. S., Fieo, R. A., Kelly, D. L., … Lyon, D. E. (2019). Relationship of fatigue with cognitive performance in women with early-stage breast cancer over 2 years. *Psycho-Oncology*. https://doi.org/10.1002/pon.5028

Kuhn, T., Jin, Y., Huang, C., Kim, Y., Nir, T. M., **Gullett, J. M.,** … Thames, A. D. (2019). The joint effect of aging and HIV infection on microstructure of white matter bundles. *Human Brain Mapping*. https://doi.org/10.1002/hbm.24708

Cohen, R. A., **Gullett, J. M.,** Porges, E. C., Woods, A. J., Lamb, D. G., Bryant, V. E., … Monti, P. M. (2019). Heavy Alcohol Use and Age Effects on HIV-Associated Neurocognitive Function. *Alcoholism: Clinical and Experimental Research*. https://doi.org/10.1111/acer.13915

Cohen, R. A., **Gullett, J. M**., Woods, A. J., Porges, E. C., Starkweather, A., Jackson-Cook, C. K., … Lyon, D. E. (2019). Cytokine-associated fatigue prior to, during, and post-chemotherapy for breast cancer. *Journal of Neuroimmunology*. https://doi.org/10.1016/j.jneuroim.2019.577001

Fernando, H. J., Cohen, R. A., **Gullett, J. M**., Friedman, J., Ayzengart, A., Porges, E., … Donahoo, W. T. (2019). Neurocognitive Deficits in a Cohort With Class 2 and Class 3 Obesity: Contributions of Type 2 Diabetes and Other Comorbidities. *Obesity*. https://doi.org/10.1002/oby.22508

2018

Gullett, J. M., Lamb, D. G., Porges, E., Woods, A. J., Rieke, J., Thompson, P., … Cohen, R. A. (2018). The Impact of Alcohol Use on Frontal White Matter in HIV. *Alcoholism: Clinical and Experimental Research*. https://doi.org/10.1111/acer.13823

Cohen, R. A., Siegel, S., **Gullett, J. M.,** Porges, E., Woods, A. J., Huang, H., … Ding, M. Z. (2018). Neural response to working memory demand predicts neurocognitive deficits in HIV. *Journal of NeuroVirology*. https://doi.org/10.1007/s13365-017-0607-z

Kuhn, T., **Gullett, J. M.,** Boutzoukas, A. E., Bohsali, A., Mareci, T. H., FitzGerald, D. B., … Bauer, R. M. (2018). Temporal lobe epilepsy affects spatial organization of entorhinal cortex connectivity. *Epilepsy and Behavior*. https://doi.org/10.1016/j.yebeh.2018.06.038

2017 (clinical internship year)

2016

Kuhn, T., **Gullett, J. M.,** Nguyen, P., Boutzoukas, A. E., Ford, A., Colon-Perez, L. M., … Bauer, R. M. (2016). Test-retest reliability of high angular resolution diffusion imaging acquisition within medial temporal lobe connections assessed via tract based spatial statistics, probabilistic tractography and a novel graph theory metric. *Brain Imaging and Behavior*. https://doi.org/10.1007/s11682-015-9425-1

2015

Sullan, M. J., Bohsali, A. A., **Gullett, J. M.**, Goldstein, J., Bauer, R. M., Mareci, T. H., & Fitzgerald, D. B. (2015). The Relationship Between Locus Coeruleus Volume and Measures of Sleep and Attentional Control in Veterans with Mild TBI. *The Clinical Neuropsychologist*, 29(3), 324-324

Bohsali, A. A., Triplett, W., Sudhyadhom, A., **Gullett, J. M**., McGregor, K., FitzGerald, D. B., … Crosson, B. (2015). Broca's area - Thalamic connectivity. *Brain and Language*. https://doi.org/10.1016/j.bandl.2014.12.001

2014

Sullan, M., Bohsali, A., **Gullett, J.**, Goldstein, J., Bauer, R., Mareci, T., and FitzGerald, D. (2014). The Locus Coeruleus and Sleep-Wake Disturbances in Veterans with mTBI. J Sleep Med Disord, 1(1): 1004.

2013

Gullett, J. M., Price, C. C., Nguyen, P., Okun, M. S., Bauer, R. M., & Bowers, D. (2013). Reliability of three benton judgment of line orientation short forms in idiopathic parkinsons disease. *Clinical Neuropsychologist*. https://doi.org/10.1080/13854046.2013.827744

Ford, A. A., Triplett, W., Sudhyadhom, A., **Gullett, J.,** McGregor, K., FitzGerald, D. B., … Crosson, B. (2013). Broca's area and its striatal and thalamic connections: A diffusion-MRI tractography study. *Frontiers in Neuroanatomy*. https://doi.org/10.3389/fnana.2013.00008

Ford, A., Colon-Perez, L., Triplett, W. T., **Gullett, J. M.,** Mareci, T. H., & FitzGerald, D. B. (2013). Imaging white matter in human brainstem. *Frontiers in Human Neuroscience*. https://doi.org/10.3389/fnhum.2013.00400

2011

FitzGerald, D. B., **Gullett, J. M**., Levy, C. E., & Crosson, B. A. (2011). Delayed Diagnosis of Intracerebral Foreign Body From the Vietnam War. *Military Medicine*. https://doi.org/10.7205/milmed-d-10-00323

Book Chapters

2020

Gullett, J.M. (2020). Neuroinflammation. Gullett, J.M. Neuroinflammation. In Gu, Danan and Dupre, Matthew E. (Eds.), "Encyclopedia of Gerontology and Population Aging." Springer International Publishing.

Cohen, R.A. & **Gullett, J.M.** (2020). Neuroimaging. In Gu, Danan and Dupre, Matthew E. (Eds.), "Encyclopedia of Gerontology and Population Aging." Springer International Publishing.

2019

Cohen, R. A., **Gullett, J.M.**, Porges, E. (2019). Neuroimaging of the aging brain. In K.M. Heilman & Stephen Nadeau (Eds.), *Cognitive changes and the Aging Brain*. Cambridge University Press, Cambridge, UK.

(also see **http://orcid.org/0000-0002-8184-7187**)

Selected Presentations

Monnig, M. A., Monti, P. M., Tashima, K., **Gullett, J. M**., Porges, E., Jahanshad, N., ... & Cohen, R. A. (2020, June). Alcohol Use And Inflammation Predict White Matter Abnormality in People Living With HIV Infection. In Alcoholism-Clinical and Experimental Research (Vol. 44, pp. 139-139). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.

J.M. Gullett, R.A. Fieo, R. Cohen, J.G. Devieux, B. Brumback, Z. Zhou, A.J. Fiore, E. Porges, R. Cook. Effects of Experimentally-Induced Reductions In Alcohol Consumption on Cognition, & Motivation For Changing Drinking In Older Adults with HIV Infection. *Research Society on Alcoholism* Poster Reception, June 2019, Minneapolis, MN.

D.D. Shortell, **J.M. Gullett**, V. Govind, E.S. Porges, R.L. Cook. Neuroanatomical Effects of 30-Day Abstinence From Heavy Alcohol Use. *Research Society on Alcoholism* Poster Reception, June 2019, Minneapolis, MN.

Joseph M. Gullett. Data Update on McKnight Brain Aging Registry: Brain Volume and Cognition in the Oldest-Old. *A presentation to ~175 researchers and trustees for the 2019 McKnight Brain Aging Registry Annual Meeting*

JM Gullett, PK Bharadwaj, AJ Woods, GE Alexander, RA Cohen. "Cognition and Brain Volume in Successful Late Life." Poster presented at the Second Annual McKnight Brain Research Foundation Society for Neuroscience Poster Reception. November 4th, 2018. San Diego, California.

Gullett, J.M., Veliz, J., Riskin-Jones, H., Weissberger, G., Sultzer, D., & Melrose, R. "White Matter Disease in Amnestic Mild Cognitive Impairment: Contributions to White Matter Integrity." Poster presentation at the International Neuropsychological Society's 2018 meeting in Washington D.C. February 2018

J.M. Gullett, Sullan, R.M. Bauer, & D. FitzGerald. Increased Delta Wave Sleep Associated with Central Apnea Events in Mild Traumatic Brain Injury. Poster presentation at the International Neuropsychological Society's 2016 meeting in Boston, MA. February 2016.

Gullett, Joseph M., Bohsali, Anastasia, Bauer, Russell M., & FitzGerald, David, B. The Gating Role of the Anterior Cingulate Cortex in PTSD Re-Experiencing. Poster presentation at the Malcom Randall VAMC's Annual Research Day, 2015. With personal presentation to the director of NFSG Veterans Affairs, Thomas Wisnieski.

Gullett, Joseph M., Bohsali, Anastasia, Bauer, Russell M., & FitzGerald, David B. The Gating Role of the Anterior Cingulate Cortex in PTSD Re-Experiencing. Poster presentation at the International Neuropsychological Society's 2014 meeting in Denver, Co. February 2015.

T. Kuhn, A. Boutzoukas**, J. M. Gullett,** A. Ford, P. C. Carney, D. B. FitzGerald, R. M. Bauer. (2015). Altered White Matter Connectivity in Adjacent Medial Temporal Circuits in Temporal Lobe Epilepsy. Forty-third Annual International Neuropsychological Society Conference, Denver, Colorado

Gullett, Joseph M., Ford, Anastasia, FitzGerald, David B., Bauer, Russell M. Structural Connectivity of the Hippocampus in mild TBI and PTSD. Poster presentation at the American Academy of Clinical Neuropsychology (AACN) Annual Meeting. New York, New York, June 2014.

T. Kuhn, A. Boutzoukas, **J. M. Gullett,** A. Ford, P. C. Carney, D. B. FitzGerald, R. M. Bauer. (2014). Altered White Matter Connectivity in Adjacent Medial Temporal Circuits in Temporal Lobe Epilepsy. Twelfth Annual American Academy of Neuropsychology Conference, New York, New York.

Gullett, Joseph M., Ford, Anastasia, FitzGerald, David B., Bauer, Russell M. Structural Connectivity of the Hippocampus in mild TBI and PTSD. Poster presentation at PHHP Research Day. Gainesville, FL, March 2014.

T. Kuhn, A. Boutzoukas**, J. M. Gullett,** A. Ford, D. B. FitzGerald, P.C. Carney, R. M. Bauer. (2014, February). Temporal Lobe Memory Circuits: White Matter Integrity and Memory Performance in Temporal Lobe Epilepsy. Forty-Second Annual Meeting of the International Neuropsychological Society, Seattle, Washington.

Gullett, Joseph M., FitzGerald, David B., Bauer, Russell M. Predictors of Pre-deployment Intellectual Ability in OEF/OIF Veterans with Mild Traumatic Brain Injury and Post-Traumatic Stress Disorder. Poster presentation at The International Neuropsychological Society's 2013 meeting in Waikaloa, HI. February, 2013.

T. Kuhn, **J. Gullett,** D. Fitzgerald, R. Bauer. Self-Report Measures of Psychological Distress as Predictors of Cognitive Performance in Mild Traumatic Brain Injury (2013, February). Forty-First Annual Meeting of the International Neuropsychological Society, Waikoloa, Hawaii.

Gullett, Joseph M., FitzGerald, David B., Bauer, Russell M. Predictors of Pre-deployment Intellectual Ability in OEF/OIF Veterans with Mild Traumatic Brain Injury and Post-Traumatic Stress Disorder. Poster presentation at PHHP Research Day 2013.

Gullett, Joseph M., Bauer, Russell M., & FitzGerald, David B. Pre-deployment Predictors of PTSD in OEF/OIF Veterans with Mild Traumatic Brain Injury. Poster presentation at the North Florida South Georgia Veterans Health System Research Day. Gainesville, FL. May 16, 2012.

Gullett, Joseph M., Price, Catherine C., Nguyen, P., Okun, M., Bauer, Russell M., and Bowers, D. Reliability of a Benton JOLO Short Form in Parkinson's Disease. Poster presentation at The International Neuropsychological Society's 2011 meeting in Boston, MA. February 2011.

Clinical Experience

January 2023 – Current

- General older adult neuropsychology

October 2019 – December 2022

- Pre-Post Deep Brain Stimulation (DBS) Surgery and General Adult Neuropsychological Assessment
- Perioperative Cognitive Assessment Network (PeCAN)

August 2019

- Licensed Clinical Psychologist (PY10534)

Sept 2017 - July 2019

- UF Health Psychological Specialties, Neuropsychology, Gainesville, FL

2016-2017

- West Los Angeles VA Medical Center; Los Angeles, CA

2014-2016

- Florida Recovery Center, University of Florida Department of Psychiatry, Gainesville, FL
  - Neuropsychology Service - Benjamin R. Phalin, Ph.D.; Scott Teitelbaum, M.D. (Director)

2011-2016

- University of Florida Psychology Clinic, Gainesville, FL
  - Core, rural, and advanced practicum in neuropsychology (2x) rotations

2008-2011

- University of Florida Psychology Clinic, Gainesville, FL
  - Over 1,000 hours of one-on-one neuropsychological assessment provided as psychometrist

Teaching/Training Experience

Instructor of Record

Spring 2024	PHC4796C Artificial Intelligence in Psychological & Brain Sciences Overall Instructor Rating: TBD
Fall 2021	PSB6115C (Section 4090) Clinical & Cognitive Neuroscience: Methods and Theory. Overall Instructor Rating: 4.75/5.00
Fall 2020	PSB6115C (Section 4090) Clinical & Cognitive Neuroscience: Methods and Theory. Overall Instructor Rating: 4.37/5.00

Invited Lectures

September 2023	Brain Journal Club (GMS6029) AI in Neuropsychology and Neuroimaging
Spring 2023	Physiological Psychology (PSB3002) Presented three hour-long lectures on Memory, Sleep, and Stress Disorders
January 2023	Methods in Cognitive Neuroscience (PSB4934) Presented a 1.25hr lecture to undergraduate students titled, “Introduction to Diffusion Tensor Imaging in Research”
November 2022	Introduction to Clinical Psychology (CLP4302) Presented on career and research to undergraduate students
November 2022	Higher Thinking for Healthy Humans: AI in Healthcare and Public Health (PHC3793) AI in Neuropsychology and Neuroimaging
October 2022	Brain Journal Club (GMS6029) AI in Neuropsychology and Neuroimaging
February 2021	Multimodal Data Mining (BME6938) Two-part lecture on the theory and application of diffusion tensor imaging for use in multimodal data mining research.
February 2021	Methods in Cognitive Neuroscience (PSB4934) Presented a 1.25hr lecture to undergraduate students titled, “Introduction to Diffusion Tensor Imaging in Research”
February 2020	Methods in Cognitive Neuroscience (PSB4934) Presented a 1.25hr lecture to undergraduate students titled, “Introduction to Diffusion Tensor Imaging in Research”
	Methods in Cognitive Neuroscience (PSB4934)
February 2019	Presented a 1.5hr lecture to undergraduate students titled, “Introduction to Diffusion Tensor Imaging in Research”
November 2018	Frontal White Matter effects of HIV and Alcohol (HSC4593/6595) Presented a 1-hour lecture to graduate and undergraduate students investigating the findings of a recent first-author publication with the above title.
February 2018	Methods in Cognitive Neuroscience (PSB4934, section 19F6) Presented a 1.5hr lecture to undergraduate students entitled, “Introduction to Diffusion Tensor Imaging in Research”
Fall 2014	Introduction to Clinical Psychology (CLP4302, section 0118) Presented a lecture titled, “Posttraumatic stress disorder diagnosis, treatment, and current neurobiological research.”
Summer 2012	Neurocognitive Seminar (SPA6581) Presented a lecture titled, “The effects of blast injury on the brain: physics, neuropsychological changes, and the measurement of damage” to Speech and Language Pathology Master’s Students.

Training Leader

October 2017	Provided in-depth neuropsychological training to M.S. and Ph.D. level researchers in preparation for the start of the upcoming U-01 grant “The 30-to-90 Day Challenge” under Dr. Robert Cook (PI) with the Southeastern HIV Alcohol Research Center (SHARC). University of Miami, Miami, FL - 10/12/2017 and 10/13/2017.
Fall 2013	Provided an in-depth, multi-day training on the use of Tract-Based Spatial Statistics (TBSS) for research to six graduate assistants

Editorial Activities

September 2023	Ad-hoc Reviewer – Brain Imaging & Behavior
August 2023	Ad-hoc Reviewer – Neurobiology of Aging
April 2023	Ad-hoc Reviewer - Frontiers in Aging Neuroscience
July 2022	Ad-hoc Reviewer - Frontiers in Aging Neuroscience
May 2021	Ad-hoc Reviewer - Frontiers in Aging Neuroscience

December 2020	Ad-hoc Reviewer - Frontiers in Aging Neuroscience
September 2020	Ad-hoc Reviewer – Human Brain Mapping
April 2020	Ad-hoc Reviewer - Frontiers in Aging Neuroscience
March 2020	Editorial Board Member – Frontiers in Aging Neuroscience
November 2019	Ad-hoc Reviewer – Brain Imaging and Behavior
April 2019	Ad-hoc Reviewer – Human Brain Mapping
December 2018	Ad-hoc Reviewer – Neuropsychology Reviews
January 2017	Ad-hoc Reviewer – The Clinical Neuropsychologist

Leadership and Professional Activities

Fall 2022	CTSI Master Mentor Academy (16 hours)
2021-present	Special Issue Editor, Frontiers: The Quantified Self and Machine Learning Assessment and Predictions of Brain-based Health
Summer 2020	GMS 6848: Ensuring Rigor & Reproducibility in Clinical & Translational Research (Grade: A)
2020-present	Editorial Board Member, Frontiers in Aging Neuroscience
2020-2022	Member, American Academy of Neurology (AAN)
2019-present	Member, The International Neuropsychological Society (INS)
2012-2016	Student Representative, Graduate Assistants United (GAU), University of Florida
2012-2017	Student Affiliate, American Psychological Association (APA) Division 40. Clinical Neuropsychology, Membership ID Number: 32972392

Honors & Awards

Fall 2023	Clinical & Health Psychology Research Mentor Award