

Britney Veal

College of Behavioral and Community Sciences
University of South Florida
4202 E. Fowler Ave., MHC1316A
Tampa, FL 33620

Email: britneyv@usf.edu

Websites: [University Webpage](#), [LinkedIn](#), [Google Scholar](#)

EDUCATION

- 2020-Present **Doctor of Philosophy** Aging Studies
University of South Florida, Tampa, Florida
Co-Major Advisors: Drs. Ross Andel and Hongdao Meng
Dissertation Committee: Drs. Brent Small, Soomi Lee, and Amanda Sonnega
Cumulative GPA: 4.0
- 2017-2019 **Bachelor of Arts** Psychology
Magna Cum Laude, Dean's List Fall 2017- Spring 2019
University of South Florida, Tampa, Florida
- 2014-2017 **Associate in Arts** Liberal Arts
Polk State College, Lakeland, Florida

PUBLICATIONS AND PRESENTATIONS

Research Publications

- Yauk, J., **Veal, B. M.**, & Dobbs, D. (Revise and Resubmit). Does timing of retirement affect cognition or risk of dementia: A systematic review.
- Veal, B. M.**, Scott, S. B., Jim, H. S. L., & Small, B. J. (2023). Subjective cognition and memory lapses in the daily lives of breast cancer survivors: Examining associations with objective cognitive performance, fatigue, and depressed mood. *Psycho-Oncology*, 32, 1298-1305. <https://doi.org/10.1002/pon.6185>
- Andel, R. **Veal, B. M.**, Howard, V., MacDonald, L., & Suzanne, J. (2023). Retirement and cognitive aging in a racially diverse sample of older Americans. *Journal of the American Geriatrics Society*, 71, 2769-2778. <https://doi.org/10.1111/jgs.18475>
- Black, K., Levine, M., & **Veal, B.** (2023). Equitable healthy aging in community health improvement practice. *Journal of Public Health and Management*, 29(4), 525-528. 10.1097/PHH.0000000000001705
- Veal, B.**, Sadeq, N., Atkinson, T., & Andel, R. (2022). Who volunteers? Results from a regular cognitive monitoring study. *Health Education and Behavior*, 50(3), 359-368. <https://doi.org/10.1177/1090198122110135>
- Nelson, M. E., **Veal, B. M.**, Andel, R., Martinkova, J., Veverova, K., Horakova, H., Nedelska, Z., Lacz, J., Vyhnaek, M., & Hort, J. (2022). Moderating effect of cognitive reserve on

- brain integrity and cognitive performance. *Frontiers in Aging Neuroscience*, 14, 1-24. <https://doi.org/10.3389/fnagi.2022.1018071>
- Veal, B. M.,** Dobbs, D., Lee, S., Bugos, J. A., Pyfrom, M. P., Boddupalli, S., Lengacher, C. A., & Meng, H. (2022). Feasibility and Acceptability of a Group Music Intervention in Memory Care Communities. *Journal of Applied Gerontology*, 41(6), 1528-1583. <https://doi.org/10.1177/07334648221079118>
- Black, K., Levine, M., & **Veal, B.** (2022). *Equitable Healthy Aging in Public Health Toolkit Report*. University of South Florida.
- Veal, B. M.,** Mu, C. X., Small, B. J., & Lee, S. (2021). Subjective cognitive abilities correlate with poor sleep among day-shift and night-shift nurses. *Journal of Sleep Research*, 30(5), 1-10. <https://doi.org/10.1111/jsr.13359>
- Rouse, H. J., Jin, Y., Hueluer, G., Huo, M., Bugos, J. A., **Veal, B.**, Torres, M., Peterson, L., Dobbs D., & Meng, H. (2021). Music Engagement and Episodic Memory among Middle-Aged and Older Adults: A National Cross-Sectional Analysis. *The Journals of Gerontology: Series B*, 77(3), 558-566. <https://doi.org/10.1093/geronb/gbab044>
- Meng, H., Dobbs, D., Peterson, L., Risal, P., **Veal, B.**, & Monaco, W. (2020). Brief Mindfulness Intervention for Family Caregivers of Persons with Dementia: A Pilot Study. *Innovation in Aging*, 4(Supplement_1), 700–700. <https://doi.org/10.1093/geroni/igaa057.2455>

Manuscripts in Progress

- Veal, B. M.,** Rijnhart, J., & Andel, R. (In preparation). Retirement and Cognition: Assessing the Modifying Role of Reasons for Retirement
- Veal, B. M.,** & Yauk, J. (In preparation). Are Caregivers Healthier? Assessing Caregiver's Episodic Memory and the Role of Self-Related Beliefs.
- Fiscella, A., **Veal, B. M.,** & Meng, H. (In preparation). Association Between Music Engagement and Mortality among Middle-Aged and Older Adults in the U.S.

Poster Presentations

- Veal, B.,** Yauk, J., Dobbs, D., & Meng, H. (2022, November). *Are caregivers healthier? Caregiver's episodic memory and the moderating effect of self-rated beliefs*. Poster presentation at The Gerontological Society of America.
- Veal, B.** (2021, November). *Who Volunteers? Results from a Regular Cognitive Monitoring Study*. Poster presentation at The Gerontological Society of America, online.
- Fiscella, A. J., **Veal, B.** Doyle, C., Ji, M., & Meng, H. (2021, November). *Associations Between Music Engagement and Mortality Among Middle-Aged and Older adults in the U.S.* Poster presentation at The Gerontological Society of America, online.
- Veal, B.** (2020, November). *Better Night's Sleep and Subjective Cognition: The Role of Day and Night Work Shift*. Poster presentation at The Gerontological Society of America, online.
- Veal, B.** (2019, April). *Volunteering and Cognition in Older Adults*. Poster session presented at University of South Florida Undergraduate Research Conference, Tampa, Florida.
- Veal, B.** (2018, October). *Explore your Passion through Undergraduate Psychology Internships at USF*. Poster session presented at the 6th University of South Florida Psychology Expo, Tampa, Florida.

Policy Briefs

- https://www.usf.edu/cbcs/aging-studies/fpeca/documents/depression_veal.pdf
- <https://jphmpdirect.com/2023/05/23/promoting-equitable-healthy-aging-in-public-health/>

RESEARCH EXPERIENCE

2023-Present

Research Assistant

Supervisor: Hongdao Meng, Ph.D., M.D., M.P.H.

Music to Support Engagement and Resilience (MUSER)

- Assist with iMotion application including facial expression, eye tracking, and skin conductance software
- Develop effective experimental designs for stimuli selection, arrangement, sequence, and duration
- Create and design high-quality surveys using Qualtrics and REDCap platforms
- Produce Institutional Review Board (IRB) protocol and informed consents
- Manage participant recruitment, scheduling, and troubleshooting

2023-Present

UX Researcher

Hack for LA

- Collaborate with project managers, design, and content teams for web development
- Complete usability testing for 5 users on desktop and mobile platforms to improve user-centered design
- Utilize Figma to create comprehensive user personas and journey maps
- Identify accessibility goals, laying the foundation for conducting a heuristic analysis and implementation

2021-2023

Research Assistant

Supervisor: Brent Small, Ph.D.

Assessment of Cognition Performance in Adolescent and Young Adult Cancer Survivors

- Designed and structured survey questions and form fields for app programming, optimizing data collection and user experience utilizing Excel
- Collaborated with study coordinators at Moffitt Cancer Center regarding recruitment and data collection
- Review IRB protocol

2020-2023

Research Assistant

Supervisor: Jennifer Lister, Ph.D.

Indicators of Cognitive Change

- Administered Cogstate, Montreal Cognitive Assessment (MoCA), and Digit Symbol Substitution Test
- Facilitated training for neuropsychological assessments

- Identified validated subjective cognition questionnaire, contributing to improved cognitive assessments

2021-2022

Research Assistant

Supervisor: Kathy Black, Ph.D.

AARP Equity & Healthy Aging Project

- Review reading materials for organizational groups (i.e., AARP, NACHHO, TFAH, WHO) that support healthy aging and health equity
- Synthesize findings from literature review regarding frameworks, community planning/assessments, and health equity
- Develop a toolkit report for health departments to incorporate health equity and healthy aging into community health assessments and community improvement plans
- Survey development using Qualtrics
- Qualitative and quantitative data collection from policymakers for a pilot study

2020

Research Lab Manager

Supervisor: Hongdao Meng, Ph.D., M.D., M.P.H

Positive Aging Lab (PAL), School of Aging Studies; University of South Florida, Tampa, Florida

- Edited IRB protocol and study proposal
- Oversaw all undergraduate research assistants
- Developed a caregiver and facilitator manual
- Assisted with data collection and data management for a music mindfulness intervention
- Lead qualitative data collection using video recording conducted at assisted living facilities and adult day centers

2019-2020

Research Assistant

Supervisor: Soomi Lee, Ph.D.

Sleep, Stress, and Health (Stealth) Lab, School of Aging Studies; University of South Florida, Tampa, Florida

- Configured, downloaded, and scored data from actigraphy watches using Actiware
- Obtained informed consent and recruited participants from two study sites
- Inputted data into Excel spreadsheets
- Communicated directly with participants in person and via phone and email for scheduling, checking in, and troubleshooting needs

2018-2020

Research Assistant

Supervisor: Ross Andel, Ph.D.

Cogstate Lab, School of Aging Studies, University of South Florida; Tampa, Florida

- Administered the Telephone Interview for Cognitive Status (TICS) and the Montreal Cognitive Assessment (MoCA)
- Developed surveys through Qualtrics and coded and inputted data
- Composed and tracked monthly participant emails
- Utilized Publisher to design bi-annual newsletters for participants

2018-2019

Research Assistant

Supervisor: Geoffrey Potts, Ph.D.

Cognitive Electrophysiology Lab, Department of Psychology, University of South Florida; Tampa, Florida

- Application and cleaning process for an EGI-128 channel EEG cap
- EEG data preprocessing by identifying excessive eye blinks and muscle movement
- Obtained informed consent
- EEG data recording using Netstation and behavioral data collection using E-prime
- Measured participants' blood pressure prior to experiment and afterwards
- Contributed to a literature review on mindfulness and attention
- Assisted with data analysis using Netstation Review

TEACHING EXPERIENCE

Graduate Teaching Assistant

University of South Florida; Tampa, FL

Fall 2020 Psychology of Aging (GEY4612)

Instructor: Soomi Lee, Ph.D.

Fall 2020 Psychology of Aging (GEY4612)

Instructor: Gizem Hueluer, Ph.D.

Spring 2021 Psychology of Aging (GEY4612)

Instructor: Gizem Hueluer, Ph.D.

Spring 2021 Psychology of Aging (GEY4612)

Instructor: Gizem Hueluer, Ph.D.

Summer 2021 Psychology of Aging (GEY4612)

Instructor: Elise Valdes, Ph.D.

Teaching Instructor

University of South Florida; Tampa, FL

Fall 2021 Psychology of Aging (GEY4612)

Spring 2022 Psychology of Aging (GEY4612)

Summer 2022 Psychology of Aging (GEY4612)

Fall 2022 Psychology of Aging (GEY4612)

Spring 2023 Psychology of Aging (GEY4612)

Summer 2023 Psychology of Aging (GEY4612)

Fall 2023 Life Cycle (DEP2004)

MENTORED PEER REVIEW

- Ad hoc reviewer, *JAMA Network Open*
 - Under the mentorship of William Haley, Ph.D.
- Ad hoc reviewer, Journal of Gerontology: Psychological Sciences
 - Under the mentorship of Ross Andel, Ph.D.

AWARDS

2023	Outstanding Graduate Student Teaching Award
2022	University Graduate Fellowship
2022	Wolowek Scholarship
2019	Excellence in Undergraduate Research Award <u>Poster:</u> <i>Volunteering Among Older Adults</i> University of South Florida; Tampa, FL
2016	East Polk County Association of Realtors (EPCAR) Scholarship
2016	Alice and George Moore Trust Scholarship

RELEVANT SKILLS

- Computer skills: proficient in Microsoft Software, E Prime, Adobe Acrobat, Actiware, and Dr. Orfeu Buxton's (Penn State) Actigraphy Scoring GUI
- Programming skills: proficient in Statistical Package for the Social Sciences (SPSS) and Statistical Analysis Software (SAS)
- Survey development: proficient in Qualtrics and REDCap
- Presentation skills: graduate courses, teaching instructor, and an international research conference
- Leadership skills: interpersonal communication, mentorship, instructor, collaborator, encourage constructive criticism from the group, and research manager
- Expertise in research methods: primary and population-based data collection, quantitative and qualitative methods, data management, and data analysis
- Neuropsychological testing: TICS, MoCA, K-TEA, WISC-V, and Beck Youth Inventories
- Physiological testing: EEG and blood pressure

PROFESSIONAL AFFILIATIONS

2018-Present	Psi Chi: International Honor Society in Psychology
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PROFESSIONAL DEVELOPMENT

2019	Attendee, SAS Basics Bootcamp University of South Florida; Tampa, FL
2017	Attendee, Getting Started in Undergraduate Research Workshop University of South Florida; Tampa, FL
2017	Attendee, Researching a Mentor Workshop University of South Florida; Tampa, FL

CERTIFICATIONS

2023	User Experience (UX): The Ultimate Guide to Usability and UX Certification Udemy
2023	Online Instructor Certification Digital Learning Facilitators Innovation Education, University of South Florida; Tampa, FL
2020	Social/Behavioral Investigators and Key Personnel - Refresher Course Collaborative Institutional Training Initiative (CITI Program)
2020	Social and Behavioral Research Best Practices for Clinical Research (CITI Program)
2020	Social and Behavioral Responsible Conduct of Research (CITI Program)
2018	Mental Health First Aid USA Department of Mental Health, Law & Policy, University South Florida; Tampa, FL
2018	Human Research Social/Behavioral Investigators and Key Personnel (CITI Program)
2016	Early Childhood Certificate for four-year program Lake Region High School; Eagle Lake, FL

OTHER PROFESSIONAL EXPERIENCE

2018-2019	Neuropsychology Intern <u>Supervisor:</u> Katherine Hittel, Psy.D. <ul style="list-style-type: none">• Observed administration of effort test, learning disability, ADHD, IQ, Academic, and Autism assessments• Administered the Kauffman Test of Educational Achievement (K-TEA), Wechsler Intelligence Scale for Children (WISC-V) assessment, and Beck Youth Inventories• Shadowed intake and feedback sessions with parents• Wrote multiple intake reports
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COMMUNITY SERVICE

2018	Homewood Residence Memory Care Facility Patient Care Volunteer <ul style="list-style-type: none">• Provided companionship to residents through facilitation of arts and crafts, BINGO, pet visits, exercise, and lunch
2016-2017	Alzheimer's Association Educator and Volunteer <ul style="list-style-type: none">• Observed memory screenings and group therapy with dementia caregivers and their loved ones
2012-2017	Garner Elementary Teaching Aid Volunteer <ul style="list-style-type: none">• Tutored students and assisted with grading assignments
2012-2016	Pinewood Elementary Teaching Aid Volunteer

2015

- Coordinated tutoring small groups and helped with grading assignments
- The Mission Volunteer
- Serviced those in need with hot meals