

CURRICULUM VITAE
Nelson A. Roque

The Pennsylvania State University, Department of Human Development and Family Studies
Affiliations: Social Science Research Institute (SSRI) co-funded, Center for Healthy Aging
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CURRENT EMPLOYMENT

Assistant Professor, Department of Human Development and Family Studies

The Pennsylvania State University, University Park, PA

Start: August 8th, 2023

PRIOR EMPLOYMENT

Assistant Professor, Psychology Department, Human Factors and Cognitive Psychology Program

University of Central Florida, Orlando, FL

Start: August 8th, 2020; End: August 6th, 2023

Courtesy Appointment through December 2024.

EDUCATION

PhD, Cognitive Psychology

Florida State University, Tallahassee, FL

Graduated: May 2018

Dissertation: "Reliably Measuring Attention Capture: Challenges and New Approaches."

Dissertation Advisor: Walter R. Boot, PhD

MS, Cognitive Psychology

Florida State University, Tallahassee, FL

Graduated: August 2015

BS, Psychology

Florida State University, Tallahassee, FL

Graduated: April 2012, with Honors

Thesis: "Driving Donating Behavior: Using Visual Salience to Increase Attention to Donation Related Information on the Web"

Thesis Advisor: Walter R. Boot, PhD

POSTDOCTORAL TRAINING

National Institute on Aging (NIA) T32 Postdoctoral Fellow, July 2018 – June 2020

Pathways T32 Training Program. Center for Healthy Aging, Pennsylvania State University

Postdoctoral mentors: Martin J. Sliwinski, PhD; Nilam Ram, PhD

HONORS & AWARDS

#	Year	Honor / Award
7	2022	UCF College of Sciences Excellence in Research and Creative Activities Celebration Award Recipient
6	2017	2017 Mark & Gloria Charness Cognitive Science Award: <u>April 2017</u>
5	2017	2017 Florida State University, Leslie N. Wilson-Delores Auzenne Assistantship
4	2016	2016 ASAP (Accessibility and Safety for an Aging Population) Doctoral Fellow Award: <u>November 2016</u>
3	2016	2016 Florida State University, Leslie N. Wilson-Delores Auzenne Assistantship
2	2015	2015 Florida State University, Leslie N. Wilson-Delores Auzenne Assistantship
1	2014	2014 NIMH Summer Institute in Cognitive Neuroscience Fellowship, UC Santa Barbara: <u>June - July, 2014</u>

REVISED: 9/6/24

GRANTS & OTHER RESEARCH SUPPORT

Awarded

#	Title	Role	Agency	Grant Period	OSP #	Proposal Amount
7	Validation of the Remote Cognitive Aging and Alzheimer's Disease REsearch (R-CARE) Toolbox for Diverse Populations	PI of subaward (Prime: Albert Einstein College of Medicine)	NIH / National Institute on Aging (NIA)	2023-2028	241043	\$868,564
6	Perceived Ethnic Discrimination and Cognitive Function in Mexican-origin Adults	PI of subaward (Prime: UT Austin, PI: Dr. Liz Muñoz)	NIH / National Institute on Aging (NIA)	2022-2024	241035	\$90,232
5	Einstein Aging Study (as part of renewal of NIA-5P01AG003949). Project, "Air Pollution and Cognitive Function"	co-PI (Albert Einstein College of Medicine, co-PI: Dr. Charles B. Hall)	NIH / National Institute on Aging (NIA)	2022-2027	243091	\$911,768 (35%) *
4	Einstein Aging Study (as part of renewal of NIA-5P01AG003949). Core, "Technology and Data Management Core"	Core Leader; PI of subaward	NIH / National Institute on Aging (NIA)	2022-2027	243090	\$1,696,559 (19%) *
3	Mobile Monitoring of Cognitive Change (M2C2; NIA-1U2CAG060408-01)	PI of subaward while at UCF	NIH / National Institute on Aging (NIA)	2022-2023	NA	\$50,000
2	5R44AG056250-04: A non-pharmacological multi-modal therapy to improve sleep and cognition and reduce mild cognitive impairment risk	PI of subaward while at UCF	Proactive Life, Inc	2021-2022	NA	\$14,685
1	Investigating Medication Errors in Daily Life: Discovering Person-specific and Situation-specific Risk Factors (NIA-1R03AG067009-01)	PI	NIH / National Institute on Aging (NIA)	July 2020 – May 2022 (requesting 2 nd no-cost extension)	<u>Transfer in progress</u>	\$149,000

Under Review, Responding to Summary Statement

#	Title	Role	Agency	Time Period	Proposal ID	Proposal Amount
1	Advancing Mobile Monitoring of Intraindividual Change in Alzheimer's Disease and Related Dementias: Building an Open and Inclusive Infrastructure	Co-Core Leader (Data Management and Analytics Core)	NIH / National Institute on Aging (NIA)	2024 - 2029	240459	\$19,844,799 Tech Core (on for 10%): \$4,372,510 Data Core (on for 10%): \$2,142,145

RESEARCH

* Denotes undergraduate / graduate student / postdoc being supervised

PEER-REVIEWED PUBLICATIONS

Published

#	Year	Citation
37	2024	Shaleha, R.R.A.* & Roque, N. (2024). Cognitive Performance in the Digital Era: Generational Differences, Stress, and Distraction's Impact on Cognitive Performance. <i>International Journal of Cyber Behavior, Psychology and Learning (IJCBLP)</i> , 14(1), 1-13.
36	2023	Adamo, S.H.* Roque, N. , Barufaldi, B., Schmidt, J., Mello-Thoms, C., & Lago, M. (2023). Assessing satisfaction of search in virtual mammograms for experienced and novice searchers. <i>Journal of Medical Imaging</i> , 10(S1), S11917-S11917.
35	2023	Harrell, E. R., Roque, N.A. , & Boot, W. R. (2023). Comparing the effectiveness of two theory-based strategies to promote cognitive training adherence. <i>Journal of Experimental Psychology: Applied</i> .
34	2023	Hyun, J., Katz, M. J., Derby, C. A., Roque, N. , Muñoz, E., Sliwinski, M. J., ... & Lipton, R. B. (2023). Availability of healthy foods, fruit and vegetable consumption, and cognition among urban older adults. <i>BMC geriatrics</i> , 23(1), 302.
33	2023	Thompson, L.I., Kunicki, Z.J., Emrani, S., Strenger, J., De Vito, A.N., Britton, K.J., Dion, C., Harrington, K.D., Roque, N. , Salloway, S. and Sliwinski, M.J., (2023). Remote and in-clinic digital cognitive screening tools outperform the MoCA to distinguish cerebral amyloid status among cognitively healthy older adults. <i>Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring</i> , 15(4), p.e12500.
32	2023	Hakun, J. G., Roque, N.A. , Gerver, C.R., & Cerino, E.S. (2023). Ultra-brief Assessment of Working Memory Capacity: Ambulatory Assessment Study Using Smartphones. <i>JMIR Formative Research</i> , 7, e40188.
31	2023	Wan, X.* Roque, N. , Lighthall, N. R., & Roque, N. (2023). Predictors of Technology Use: Evidence from Elite Older Adults. <i>Activities, Adaptation & Aging</i> , 1-22.
30	2022	Harrington, K. D., Roque, N.A. , Strenger, J., Correia, S., Salloway, S. P., Sliwinski, M. J., & Thompson, L. I. (2022). Loneliness and subjective cognitive impairment in preclinical Alzheimer's disease and healthy aging. <i>Alzheimer's & Dementia</i> , 18, e069279.
29	2022	Nicosia J., Wang B., Aschenbrenner A.J., Sliwinski, M.J., Yabiku, S., Roque, N.A. , Germine, L.T., Bateman, R.J., Morris, J.C., Hassenstab, J. (2022). To BYOD or not: Are device latencies important for bring-your-own-device (BYOD) smartphone cognitive testing? Behavior Research Methods. DOI: 10.3758/s13428-022-01925-1. PMID: 35953659.
28	2022	Johnston, E. A., Roque, N.A. , Cole, B. H., Flanagan, M. P., Kris-Etherton, P. M., & Petersen, K. S. (2022). A Pilot Study of the Effect of Evening Almond Butter Consumption on Overnight and Fasting Interstitial Glucose. <i>Diabetology</i> , 3(4), 502-513. [**Premier Diabetes Journal - Chosen for Cover Story**]
27	2022	Hoogendoorn, C. J., Qin, J., Wang, C., Roque, N. , Laurenceau, J. P., Katz, M. J., ... & Gonzalez, J. S. (2022). Depressive symptoms mediate the relationship between diabetes and cognitive performance in a community-based sample of older adults. <i>Journal of Diabetes and its Complications</i> , 36(7), 108183.
26	2022	Thompson, L. I., Harrington, K. D., Roque, N. , Strenger, J., Correia, S., Jones, R. N., ... & Sliwinski, M. J. (2022). A highly feasible, reliable, and fully remote protocol for mobile app-based cognitive assessment in cognitively healthy older adults. <i>Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring</i> , 14(1), e12283.
25	2022	Pasquini, G., Ferguson, G., Bouklas, I., Vu, H., Zamani, M., Zhaoyang, R., Harrington, K.D., Roque, N.A. , Mogle, J., Schwartz, H.A., & Scott, S. B. (2022). The where and when of COVID-19: Using ecological and Twitter-based assessments to examine impacts in a temporal and community context. <i>PloS one</i> , 17(2), e0264280. [**Premier Open Access Journal; IF = 3.75 **]
24	2022	He, Z., Tian, S., Singh, A., Chakraborty, S., Zhang, S., Lustria, M. L. A., Charness, N., Roque, N.A. , Harrell, E. & Boot, W. R. (2022). A Machine-Learning Based Approach for Predicting Older Adults' Adherence to Technology-Based Cognitive Training. <i>Information Processing & Management</i> , 59(5), 103034. [**Premier International Journal of Information Sciences; IF = 6.222**]
23	2021	Harrell, E. R., Roque, N.A. , Boot, W. R., & Charness, N. (2021). Investigating message framing to improve adherence to technology-based cognitive interventions. <i>Psychology and aging</i> . [**Premier Adult Development And Aging Journal; IF = 3.34 **]
22	2021	Yang, C. H., Hakun, J. G., Roque, N. , Sliwinski, M. J., & Conroy, D. E. (2021). Mindful walking and cognition in older adults: A proof of concept study using in-lab and ambulatory cognitive measures. <i>Preventive Medicine Reports</i> , 23, 101490.

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21	2021	Gray, N., Yoon, J. S., Charness, N., Boot, W. R., Roque, N.A. , Andringa, R., ... & Vitale, T. (2021). Relative effectiveness of general versus specific cognitive training for aging adults. <i>Psychology and aging</i> . [**Premier Adult Development And Aging Journal; IF = 3.34 **]
20	2021	Cerino, E.S., Katz, M.J., Wang, C., Qin, J., Gao, Q., Hyun, J., Hakun, J.G., Roque, N.A. , Derby, C.A., Lipton, R.B., & Sliwinski, M.J. (2021). Variability in cognitive performance on mobile devices is sensitive to mild cognitive impairment: Results from the Einstein Aging Study. <i>Frontiers in Digital Health</i> , 3, 758031. Doi: 10.3389/fdgth.2021.758031
19	2020	Roque, N.A. , & Boot, W. R. (2020). A New Tool for Assessing Older Adults' Wireless Network Proficiency: The Wireless Network Proficiency Questionnaire. <i>Journal of Applied Gerontology</i> , 0733464820935000.
18	2020	Emihovich, B., Roque, N.A. , & Mason, J. (2020). Can Video Gameplay Improve Undergraduates' Problem-Solving Skills?. <i>International Journal of Game-Based Learning (IJGBL)</i> , 10(2), 21-38.
17	2020	Lebeau, J.-C., Mason, J. R., Roque, N.A. , Tenenbaum, G. (2020). The effects of acute exercise on driving and executive functions in healthy older adults. <i>International Journal of Sport and Exercise Psychology</i> .
16	2020	Mason, J. R., Tenenbaum, G., Jaime, S., Roque, N.A. , Maharaj, A., Figueroa, A. (2020). Arterial Stiffness and Cardiorespiratory Fitness Are Associated With Cognitive Function in Older Adults. <i>Behavioral Medicine</i> : 1-12.
15	2020	Boot, W., Andringa, R., Harrell, E., Dieciuc, M.A., Roque, N.A. (2020). Older Adults and Video Gaming for Leisure: Lessons from the Center for Research and Education on Aging and Technology Enhancement (CREATE). <i>Gerontechnology</i> , 19(2), 138-136. https://doi.org/10.4017/qt.2020.19.2.006.00
14	2019	Roque, N.A. , Ram, N. (2019). tsfeaturex: An R Package for Automating Time Series Feature Extraction. <i>Journal of Open Source Software</i> , 4(37), 1279, https://doi.org/10.21105/joss.01279
13	2019	Yoon, J. S., Roque, N.A. , Andringa, R., Harrell, E. R., Lewis, K. G., Vitale, T., ... & Boot, W. R. (2019). Intervention comparative effectiveness for adult cognitive training (ICE-ACT) trial: rationale, design, and baseline characteristics. <i>Contemporary Clinical Trials</i> , 78, 76-87. [**Premier International Clinical Trials Journal; IF=2.226**]
12	2019	Dieciuc, M., Roque, N.A. , Boot, W.R. (2019). The spatial dynamics of mouse-tracking reveal that attention capture is stimulus-driven rather than contingent upon top-down goals. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 45(10), 1285.
11	2019	Souders, D. J., Charness, N., Roque, N.A. , & Pham, H. (2019). Aging: Older Adults' Driving Behavior Using Longitudinal and Lateral Warning Systems. <i>Human Factors</i> , 0018720819864510. [**Premier Human Factors Journal; IF=3.165**]
10	2018	Tinker, A., Fozard, J., Kearns, W., Mihailidis, A., Atoyebi, O., Bailey, A., Bet, P., Lapierre, N., Neubauer, N., Roque, N.A. , Vermeer, Y., Taipale, V. (2018). Twelve years of ISG masterclasses: Training the Future Leaders in Gerontechnology. <i>Gerontechnology</i> . – Note, author list for junior scientists organized alphabetically.
9	2018	Wright, T. J., Roque, N.A. , Boot, W. R., & Stothart, C. (2018). Attention capture, processing speed, and inattention blindness. <i>Acta Psychologica</i> , 190, 72-77.
8	2018	Andringa, R., Boot, W.R., Roque, N.A. , & Ponnaluri, S. (2018). Hand proximity effects are fragile: a useful null result. <i>Cognitive Research: Principles and Implications</i> , 3(1), 7.
7	2018	Boot, W.R., Moxley, J.H., Roque, N.A. , Andringa, R., Charness, N., Czaja, S. J., ... & Rogers, W.A. (2018). Exploring Older Adults' Video Game Use in the PRISM Computer System. <i>Innovation in Aging</i> , 2(1), igy009.
6	2018	Multilab Direct Replication Team, including Boot, W.R., Andringa, R., Roque, N.A. , & Harrell, E.R. (2018). Registered replication report: Dijksterhuis & van Knippenberg (1998). <i>Perspectives on Psychological Science</i> , 1-38.
5	2018	Roque, N.A. , Boot, W.R. (2018). A new tool for assessing mobile device proficiency in older adults: The Mobile Device Proficiency Questionnaire. <i>Journal of Applied Gerontology</i> . doi: 10.1177/0733464816642582.
4	2017	Dieciuc, M., Roque, N. A. , & Folstein, J. R. (2017). Changing similarity: Stable and flexible modulations of psychological dimensions. <i>Brain Research</i> , 1670, 208-219.
3	2017	Souders, D. J., Boot, W. R., Blocker, K., Vitale, T., Roque, N. A. , & Charness, N. (2017). Evidence for narrow transfer after short-term cognitive training in older adults. <i>Frontiers in Aging Neuroscience</i> , 9, 41.
2	2016	Roque, N.A. , Wright, T. J., & Boot, W. R. (2016). Do different attention capture paradigms measure different types of capture?. <i>Attention, Perception, & Psychophysics</i> , 78, 2014-2030.
1	2015	Roque, N.A. , & Boot, W. R. (2015). Exploring the relationship between object realism and object-based attention effects. <i>Acta Psychologica</i> , 160, 178-183. doi: 10.1016/j.actpsy.2015.07.014. [**International Journal of Psychonomics; IF=1.380**]

Submitted

#	Year	Citation
5	2024	Roque, N.A. , Andrews, H.*, Santos, A.R. Addressing disparities in air quality monitoring in the United States: Where are our Monitoring Deserts? Under Review: PNAS
4	2024	Roque, N.A. , Felt, J. Acceptability of Active and Passive Data Collection Methods for Mobile Health (mHealth) Research. Submitted to: JMIR Formative Research
3	2024	Shaleha, R.R.A.* & Roque, N.A. From Screens to Cognition: A Review of the Impact of Screen Time on Cognitive Function in Midlife and Older Adults". Submitted to BMC Public Health.
2	2024	Flores-Cruz, G.* & Roque, N. Perception of Environmental Risk: Comparing Mental Models of Indoor and Outdoor Air Pollution. Submitted to <i>PLOS ONE</i> .
1	2024	Thompson, L., De Vito, A. N., Kunicki, Z., Emrani, S., Strenger, J., Nester, C. O., Harrington, K. D., Roque, N. , Manoocheri, M., Salloway, S., Correia, S., Jones, R. N., & Sliwinski, M. J. (2024). The feasibility and psychometric rigor of using high-frequency, smartphone-based assessments for cognitive screening in older adults. PsychArchives. https://doi.org/10.23668/psycharchives.14177

In Preparation

#	Year	Citation
	-	Roque, N.A. Privacy and Safety in Online Research: Challenges and Opportunities. Target Journal: Behavior Research Methods. [<i>**Premier Journal in Behavioral Research</i>]
	-	Roque, N.A. , Sliwinski, M.J. and Katz, M., Validating Ambulatory Cognitive Assessment: Results from the Einstein Aging Study. Target Journal: <i>Journal of Gerontology Medical Sciences</i> [<i>**Premier Journal of Gerontology; IF = 6.053**</i>]
	-	Roque, N.A. , Hall, C.B., Katz, M., Sliwinski, M.J. Air Pollution Exposure is Associated with Cognitive Performance: Results from the Einstein Aging Study. Target Journal: <i>Journal of Gerontology Medical Sciences</i> [<i>**Premier Journal of Gerontology; IF = 6.053**</i>]
	-	Nester, C., De Vito, A., Prieto, S., Kunicki, Z., Strenger, J., Harrington, K., Roque, N.A. , Sliwinski, M., & Thompson, L. (in preparation). The Association Between Subjective Cognitive Concerns and Mobile App Based Cognitive Assessment in Older Adults: Protocol Adherence, Satisfaction, and Objective Cognitive Performance.

OTHER PUBLICATIONS

Book Chapters

#	Year	Citation
3	2023	Sliwinski, M.J., Roque, N.A. , Harrington, K. (2023). Cognition on the go: Opportunities and Challenges for Mobile Cognitive Health Research. <i>Mobile Sensing in Psychology: Methods and Applications</i> .
2	2018	Roque, N. A. , & Boot, W. R. (2018). Action video games DO NOT promote visual attention. In <i>Video game influences on aggression, cognition, and attention</i> (pp. 105-118). Springer, Cham.
1	2017	Roque, N.A. , Boot, W.R. (2017). Cognitive Aging. <i>International Handbook of Positive Aging</i> . London and New York: Routledge.

Technical Reports

#	Year	Citation
3	2017	Charness, N., Boot, W.R., Kaschak, M., Arpan, L., Cortese, J., Clayton, R., Stothart, C., Roque, N.A. , Paedae, B., & Barajas, K. (2017). Human Factors Guidelines to Develop Educational Tip Cards for Aging Road Users. Florida Dept. of Transportation Technical Report. https://rosap.ntl.bts.gov/view/dot/37111/dot_37111_DS1.pdf
2	2015	Boot, W.R., Charness, N., Mitchum, A., Roque, N.A. , Stothart, C., & Barajas, K. (2015). Driving Simulator Studies of the Effectiveness of Countermeasures to Prevent Wrong-Way Crashes. Florida Dept. of Transportation Technical Report. https://rosap.ntl.bts.gov/view/dot/39272/dot_39272_DS1.pdf
1	2015	Boot, W.R., Charness, N., Roque, N.A. , Barajas, K., Dirghalli, J., & Mitchum, A. (2015). The Flashing Right Turn Signal with Pedestrian Indication: Human Factors Studies to Understand the Potential of a New Signal

		to Increase Awareness of and Attention to Crossing Pedestrians. Florida Dept. of Transportation Technical Report. https://rosap.ntl.bts.gov/view/dot/29644/dot_29644_DS1.pdf
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Conference Proceedings

#	Year	Citation
4	2023	Flores-Cruz, G.*, Hinkle, S.*, Roque, N. , & Mouloua, M. (2023). Chatgpt as the ultimate travel buddy or research assistant: a study on perceived attitudes and usability. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 67.
3	2023	Thai, P.*, Flores-Cruz, G., & Roque, N. (2023). Leveraging healthcare technology to improve patient-doctor communication. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 67.
2	2016	Boot, W. R., Souders, D., Charness, N., Blocker, K., Roque, N. A. , & Vitale, T. (2016). The gamification of cognitive training: Older adults' perceptions of and attitudes toward digital game-based interventions. In Human Aspects of IT for the Aged Population. Design for Aging (pp. 290-300). Springer International Publishing.
1	2016	Roque, N. A. , Boot, W. R., Charness, N., Barajas, K., Dirghalli, J., & Mitchum, A. (2016). The Flashing Right Turn Signal with Pedestrian Indication: A human factors study to assess driver comprehension. In Human Aspects of IT for the Aged Population. Healthy and Active Aging (pp. 417-427). Springer International Publisher.

RESEARCH PRESENTATIONS

Invited Talks

#	Year	Citation
5	2024	Roque, N.A. (2024, May 10th). Breathe Well, Age Well. Virtual presentation as part of Stonybrook's Cognitive Aging Colloquium.
4	2024	Roque, N.A. (2024, January 22nd). Beyond Numbers: Unlocking Health Insights in Underserved Communities through mHealth Data Collection. In-person presentation + QA Panel as part of UT Austin's CAPS Panel on Ecological Momentary Assessments in Underrepresented Populations.
3	2022	Roque, N.A. (2022, October 20th). Cognitive Assessment in the Cloud: Approaches & Lessons Learned. Virtual presentation as part of Amazon Web Services (AWS) Education Research Seminar Series.
2	2022	Roque, N.A. (2022, October 6th). Cognitive Assessment in the Cloud: Approaches & Lessons Learned. In-person presentation at Union College. Schenectady, New York.
1	2020	Roque N.A. (2020, August 20th). Leveraging Air Quality Sensors to Detect Smoking Behaviors. Virtual presentation at Pennsylvania State University x Monash University: Intersection of Health and the Environment.

Conferences: Organized Symposia

#	Year	Citation
3	2020	Harrington, K., Roque, N. , & Mogle, J. (2020, November). Approaches for Modeling of Intensive Longitudinal Data to Understand Cognitive Aging. Innovation in Aging, 4(Suppl 1), 565. Gerontological Society of America, 2020 Annual Meeting. – <i>Symposium Co-Chair</i> .
2	2020	Sliwinski, M.J. and Roque, N.A. (2020, April). Increasing the Precision of Measuring Cognitive Function in Older Adults using Mobile Technologies. Cognitive Aging Conference, 2020 Annual Meeting. – <i>Symposium Co-Organizer; accepted; conference cancelled due to COVID-19</i> .
1	2019	Roque, NA. , Hyun, J., Scott, S. (2019, November). Using Mobile Technology to Elucidate Psychosocial and Cognitive Function in Older Adults. Innovation in Aging, 3(Supplement_1), S809-S810. Gerontological Society of America, 2019 Annual Meeting. – <i>Symposium Chair</i> .

Conferences: Oral Presentations

#	Year	Citation
20	2023	Roque, N. , Sliwinski, M., Katz, M., & Anderson-Hanley, C. (2023). Revolutionizing Cognitive Assessment: The Power of Digital Biomarkers and Ecologically Valid Methods. In-person oral presentation by lead-author at the Annual Scientific Meeting of the Gerontological Society of America (GSA).

19	2022	Roque, N.A. (2022, August). Exploring Model-based Profiles of Adherence to a Technology-Based Cognitive Intervention. Presented in-person at the American Psychological Association Annual Conference. [**Premier Psychology Conference**]
18	2022	Roque, N.A. , Adamo, S., Lago, M., Barufaldi, B. (2022, July). Modeling Quit-time Behavior in a Satisfaction of Search (SOS) Experimental Framework: The Role of Context and Experience. Presented virtually at the Medical Image Perception Society Annual Conference.
17	2022	Roque, N.A. (2022, April). Implementation of Web-based Experiments: Considerations for a Live Study. Presented virtually at the Cognitive Aging Conference.
16	2021	Harrell, E., Roque, N. , Boot, W., & Charness, N. (2021). Exploring Factors that Shape Adherence to Technology-Based Cognitive Interventions. <i>Innovation in Aging</i> , 5(Suppl 1), 843-843. [**Premier Gerontology Conference**]
15	2021	Roque, N. A. , Hall, C. B., Katz, M., & Sliwinski, M. J. (2021, November). Air Pollution Exposure is Associated with Cognitive Performance: Results from the Einstein Aging Study. Virtual presentation by lead-author at the 2021 Annual Scientific Meeting of the Gerontological Society of America (GSA) conference. <i>Innovation in Aging</i> , 5(Suppl 1), 138-138. [**Premier Gerontology Conference**]
14	2021	Roque, N. A. , Hall, C. B., Katz, M., & Sliwinski, M. J. (2021, August). Air Pollution Exposure is Associated with Cognitive Performance: Results from the Einstein Aging Study. Virtual presentation by lead-author at the 2021 International Society for Environmental Epidemiology (ISEE) conference. In <i>ISEE Conference Abstracts</i> (Vol. 2021, No. 1). [**Premier International Environmental Epidemiology Conference**]
13	2020	Boot, W., Roque, N. , Harrell, E., & Charness, N. (2020). Older Adults' Adherence to Technology-Based Intervention: The Role of Messaging and Individual Differences. Virtual presentation by lead-author. <i>Innovation in Aging</i> , 4(Suppl 1), 555.
12	2020	Charness, N., Souders, D., Best, R., Roque, N. , Yoon, J., & Stothart, C. (2020). Acceptance of Transportation Technologies by Aging Adults. Virtual presentation by lead-author. <i>Innovation in Aging</i> , 4(Supplement 1), 555-555.
11	2020	Harrington, K., Roque, N. , Zhaoyang, R., Mogle, J., & Sliwinski, M. (2020). Loneliness and Profiles of Objective and Subjective Memory During Midlife. Virtual presentation by lead-author. <i>Innovation in Aging</i> , 4(Suppl 1), 565.
10	2020	Cerino, E. S., Hyun, J., Hakun, J. G., Roque, N. A. , Lipton, R. B., & Sliwinski, M. J. (2020). Variability in working memory performance on mobile devices is sensitive to mild cognitive impairment: Results from the Einstein Aging Study: Neuropsychology/early detection of cognitive decline with neuropsychological tests. Virtual presentation by lead-author. <i>Alzheimer's & Dementia</i> , 16, e039960.
9	2020	Sliwinski, M. J., Hakun, J. G., Roque, N. , Katz, M. J., Zhaoyang, R., & Lipton, R. B. (2019). Intensive ambulatory cognitive assessments in older adults: sensitivity to cognitive risk status in the Einstein Aging Study (EAS). Virtual presentation by lead-author. <i>Alzheimer's & Dementia</i> , 15(7), P355-P356.
8	2020	Oravec, Z., Roque, N. , & Sliwinski, M. (2020, November). Bayesian Modeling of Cognitive Impairment in the Presence of Retest Effects. <i>Innovation in Aging</i> , 4(Suppl 1), 566. Virtual presentation presented by lead-author at the Annual Scientific Meeting of the Gerontological Society of America (GSA). Virtual
7	2020	Roque, N. , Sliwinski, M., & Ram, N. (2020, November). Questionnaire-Based Everyday Reaction Time: Reliable, Valid, and Unobtrusive Measure of Cognition. <i>Innovation in Aging</i> , 4(Suppl 1), 599. Virtual presentation by lead-author at Annual Scientific Meeting of the Gerontological Society of America (GSA).
6	2019	Roque, N. , Ram, N., & Ong, A. (2019, January). Predicting health outcomes from time series features of affect dynamics: a machine learning approach. Presented by lead-author at the Bi-Annual World Congress Meeting of the International College of Psychosomatic Medicine (ICPM). Florence, Italy. In <i>Psychotherapy and Psychosomatics</i> (vol. 88, pp. 110-110). Allschwilerstrasse 10, CH-4009 Basel, Switzerland: Karger. https://www.karger.com/Article/Pdf/502467
5	2019	Ong, A., Roque, N. , & Ram, N. (2019). Fragile positive affect and systemic inflammation. Presented by lead-author at the Bi-Annual World Congress Meeting of the International College of Psychosomatic Medicine (ICPM). Florence, Italy. In <i>Psychotherapy and Psychosomatics</i> (Vol. 88, pp. 100-100). Allschwilerstrasse 10, CH-4009 Basel, Switzerland: Karger. https://www.karger.com/Article/Pdf/502467
4	2019	Mason, J., Jaime, S., Roque, N.A. , Maharaj, A., Tenenbaum, G., & Figueroa, A. (2019, May). The effects of an acute bout of aerobic exercise on cognitive function in older adults. Presented by lead-author at the Annual Meeting of the American College of Sports Medicine (ACSM). Orlando, FL.
3	2018	Roque, N.A. , Boot, W.R. (2018, May). The Development and Validation of the Mobile Device Proficiency Questionnaire in U.S. Samples. Presented at the 2018 Annual Meeting of the International Society for Gerontechnology. St. Petersburg, FL.
2	2018	Souders, D.J., Charness, N., Roque, N.A. , Pham, H. (2018, April). Do Advanced Driver Assistance Systems (ADAS) improve older driver performance? Presented by lead-author at SUNY Stony Brook, Smart and Connected Community Conference. New York.

1	2016	Roque, N.A. , Boot, W.R., Charness, N., Barajas, K., Dirghalli, J., Mitchum, A. (2016, July). Exploring the Comprehension of a New Traffic Signal to Promote the Safety and Awareness of Pedestrians. Presented at Human Computer Interaction International (HCII). Toronto.
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Conferences: Posters

#	Year	Citation
36	2024	Nester, C.O., De Vito, A.N., Kunicki, Z.J., Strenger, J., Harrington, K.D., Roque, N.A. , Sliwinski, M.J., & Thompson, L.I. Subjective Cognitive Concerns and High Frequency Mobile App Based Cognitive Assessment in Older Adults: Relationship to Adherence, Satisfaction, and Cognitive Performance. <i>Poster accepted for the Alzheimer's Association International Conference 2024. [**Premier International Alzheimer's Conference**]</i>
35	2024	Roque, N.A. , Sliwinski, M., Derby, C., Lipton, R.B., Buxton, O., and Katz, M., & (2023). Feasibility of A Multi-Pronged, Multi-Sensor Cognitive Aging Protocol in a Diversified Cohort: Results from the Einstein Aging Study. <i>Poster accepted for the Alzheimer's Association International Conference 2024. [**Premier International Alzheimer's Conference**]</i>
34	2024	Flores-Cruz, G.* & Roque, N. (2024, May). Eye Tracking Impacts of an Irrelevant Self-View Singleton. Poster accepted at the 2024 Vision Science Society Conference. To be presented by lead author.
33	2024	Velasquez, E.* & Roque, N. (2024, May). Assessing The Effect of Stimuli Complexity in Web-Based Visual Foraging. Poster accepted at the 2024 Vision Science Society Conference. To be presented by lead author.
32	2023	De Vito, A., Kunicki, Z., Britton, K., Villa, P., Strenger, J., Harrington, K., ... & Thompson, L. I. (2023). 5 Intraindividual Variability in Processing Speed on Digital Cognitive Assessments Differs by Amyloidosis Status in Cognitively Normal Older Adults. <i>Journal of the International Neuropsychological Society</i> , 29(s1), 217-218. <i>[**Premier International Neuropsychology Conference**]</i>
31	2023	Strenger, J. R., Riera, N., Harrington, K., Roque, N. , Salloway, S., Sliwinski, M., & Thompson, L. I. (2023). 28 Variability in Remote, Self-Administered Assessment Performance Associated with Self-Reported Memory Perceptions Among Older Adults. <i>Journal of the International Neuropsychological Society</i> , 29(s1), 340-341. <i>[**Premier International Neuropsychology Conference**]</i>
30	2023	DeBonis, D. G., Dunnam, M., Panos, S., Warner, G., Roque, N. , & Anderson-Hanley, C. (2023). 78 Examining the Association Between a Patient's Diagnosis and Occurrence of The First Error on Trails B. <i>Journal of the International Neuropsychological Society</i> , 29(s1), 280-280. <i>[**Premier International Neuropsychology Conference**]</i>
29	2023	De Vito, A. N., Kunicki, Z.J., Emrani, S., Strenger, J., Harrington, K.D., Roque, N.A. , ... & Thompson, L. I. (2023). Fatigue Interacts with Amyloid Status To Predict Daily Working Memory Performance in Preclinical Alzheimer's Disease. <i>Alzheimer's & Dementia</i> , 19, e080094. <i>[**Premier International Alzheimer's Conference**]</i>
28	2023	Strenger, J., Emrani, S., Kunicki, Z.J., Harrington, K.D., Roque, N. A. , Sliwinski, M.J., ... & Thompson, L. I. (2023). Time of day cognitive performance differences in remote, self-administered assessments and its association with cerebral amyloidosis. <i>Alzheimer's & Dementia</i> , 19, e080096. <i>[**Premier International Alzheimer's Conference**]</i>
27	2023	Katz, M.J., De La Garza, A., Roque, N.A. , Derby, C.A., Sliwinski, M.J., Lipton, R.B., Wang, C. (2023). Feasibility, reliability and predictive validity of digital cognitive assessments in a diverse cohort of community-residing older adults. Presented in person by lead author at the 2023 <i>Alzheimer's Association International Conference. [**Premier International Alzheimer's Conference**]</i>
26	2023	Harrington, E., Graham-Engeland, J.E., Lipton, R.B., Roque, N.A. , Sliwinski, M.J., Engeland, C.G. (2023). Inflammation and working memory performance in everyday life: Gender differences among older adults with and without cognitive impairment. Presented in person by lead author at the 2023 <i>Alzheimer's Association International Conference. [**Premier International Alzheimer's Conference**]</i>
25	2023	Thai, P.* , Flores-Cruz, G.* , & Roque, N. (2023, October). Leveraging healthcare technology to improve patient-doctor communication. Poster presented by lead author at the 67th annual conference of the Human Factors and Ergonomics Society. Conference proceeding posted in the <i>Proceedings of the Human Factors and Ergonomics Society</i> , 67.
24	2023	Flores-Cruz, G.* , Hinkle, S.* , Roque, N. , & Mouloua, M. (2023). Chatgpt as the ultimate travel buddy or research assistant: a study on perceived attitudes and usability. Conference proceeding posted in the <i>Proceedings of the Human Factors and Ergonomics Society</i> , 67.
23	2023	Flores-Cruz, G.* , Roque, N. (2023, June). <i>Perception of Environmental Risk: Comparing Mental Models of Indoor and Outdoor Air Pollution</i> . Poster presented at the 35 th annual conference of the International Society for Environmental Epidemiology.
22	2023	Roque, N. , & Adamo, S.* (2023). Modeling Observer Search Termination in a Subsequent Search Misses (SSM) Experimental Framework: The Role of Experience. Poster presented at the 23 rd Annual conference of the Vision Sciences Society. <i>Journal of Vision</i> , 23(9), 5936-5936.
21	2022	Roque, N.A. , Ferguson, I.* , Saulnier, E.T., Anderson-Hanley, C. Trail Making for electronic touchscreen self-administration (eTrails) as used in the remote iPACES neuro-exergaming trial for Mild Cognitive

		Impairment (MCI): An initial validation report. <i>Submitted to Alzheimer's Association International Conference 2022. Presented Virtually. [**Premier International Alzheimer's Conference**]</i>
20	2022	Roque, N.A. , Ferguson, I.*, Saulnier, E.T., Anderson-Hanley, C. Stroop for electronic touchscreen self-administration (eStroop) as used in the remote iPACES neuro-exergaming trial for Mild Cognitive Impairment (MCI): An initial validation report. <i>Submitted to Alzheimer's Association International Conference 2022. Presented Virtually. [**Premier International Alzheimer's Conference**]</i>
19	2021	Roque, N.A. , Anderson-Hanley, C. Saulnier, E.T. (2021, October). Translating the Paper Stroop Task for Repeated Administration as an Electronic Stroop (eStroop) Task on Mobile Devices for a Remote Exercise Intervention for Mild Cognitive Impairment (MCI). (virtual) 11th edition of the International Conference on Frailty and Sarcopenia Research (ICFSR 2021).
18	2021	Dalterio, C.*, Ferguson, I.*, Nath, K., Roque, N.A. , Arciero, P., Anderson-Hanley, C. (2021, October). Biomarker and cognitive effects of single bouts of moderate-intensity neuro-exergaming, high-intensity interval training (HIIT), and fasted exercise for mild cognitive impairment: A case study of serial interventions. Presented by lead author at the (virtual) 11th edition of the International Conference on Frailty and Sarcopenia Research (ICFSR 2021).
17	2021	Harrell, E., Roque, N. , Boot, W., & Charness, N. (2021). Exploring Factors that Shape Adherence to Technology-Based Cognitive Interventions. <i>Innovation in Aging</i> , 5(Suppl 1), 843-843. Presented by the lead author at the (virtual) Annual Scientific Meeting of the Gerontological Society of America (GSA) [**Premier Gerontology Conference**]
16	2020	Roque, N. , & Harrell, E. (2020, November). Give People What They Want, Feedback: Older Adult Perceptions on Cognitive Training Features to Increase Engagement. <i>Innovation in Aging</i> , 4(Suppl 1), 411. Presented at the (virtual) Annual Scientific Meeting of the Gerontological Society of America (GSA). [**Premier Gerontology Conference**]
15	2020	Harrell, E., & Roque, N. (2020, November). I'd Rather Be...: Activities Older Adults Reported Leading to Decreased Engagement With Cognitive Training. <i>Innovation in Aging</i> , 4(Suppl 1), 325. Presented by the lead author at the (virtual) Annual Scientific Meeting of the Gerontological Society of America (GSA). [**Premier Gerontology Conference**]
14	2020	Roque, N. , & Harrell, E. (2020, October). Give the People What they Want, Feedback: Older adult perceptions of cognitive training features. <i>Innovation in Aging</i> , 4(Suppl 1), 411. Presented at the (virtual) Annual Scientific Meeting of the International Society for Gerontechnology (GSA). <i>Gerontechnology</i> , 19(0), 1-1. https://doi.org/10.4017/qt.2020.19.s.70037 [**Premier Gerontology Conference**]
13	2018	Roque N.A. , Boot, W.R., (2018, November). A New Scale for Assessing Older Adults' Wireless Network Proficiency: The Wireless Network Proficiency Questionnaire. Presented at the Annual Scientific Meeting of the Gerontological Society of America (GSA). Boston, MA. [**Premier Gerontology Conference**]
12	2018	Lebeau, J.C., Mason, J., Roque, N.A. , Razon, S., & Tenenbaum, G. (2018, June). The Effects of Acute Exercise on Driving Performance and Executive Functions in Healthy Older Adults. Presented at North American Society for Psychology of Sport and Physical Activity's 51 st Annual Meeting in Denver, Colorado.
11	2018	Mason, J., Roque N.A. , Maharaj A., Salvador, J., Figueroa, A. (2018, June). Exploring the effects of life-long aerobic exercise on cognitive function, driving performance, and cardiovascular health. Posted presented at American College of Sports Medicine's 65 th Annual Meeting in Minneapolis, Minnesota.
10	2018	Roque N.A. , Boot, W.R., (2018, May). Pupillometry as a window into the content and strength of attention sets. Presented at the 18 th Annual Meeting of the Vision Sciences Society. St. Petersburg Beach, FL. https://jov.arvojournals.org/article.aspx?articleid=2700102
9	2018	Andringa, R., Roque N.A. , Boot, W.R., (2018, May). Exploring the Effect of Task Complexity, Presentation, and Input Device on the Near-Hands Advantage. Presented at the 18 th Annual Meeting of the Vision Sciences Society. St. Petersburg Beach, FL. https://jov.arvojournals.org/article.aspx?articleid=2699638
8	2018	Roque N.A. , Harrell, E., Wright, T.J., Boot, W.R., (2018, May). Exploring Visual Search as a Paradigm for Predicting Medication Errors. Presented at Cognitive Aging Conference 2018. Atlanta, GA.
7	2017	Ospina J.*, Yazbec, A., Roque, N.A. , Borovsky, A. (2017, April). Pupillometry measures highlight the timing of cognitive effort during linguistic adaptation. Presented at CUNY 2017 Conference on Human Sentence Processing.
6	2016	Roque N.A. , Wright T.J., Boot W.R. (2016, May) Do different attention capture paradigms measure different types of capture? Presented at the 16 th Annual Meeting of the Vision Sciences Society. St. Petersburg Beach, FL. https://jov.arvojournals.org/article.aspx?articleid=2550984
5	2016	Roque N.A. , Boot W.R. (2016, April) Mobile Device Proficiency Questionnaire (MDPQ): Assessing mobile smart device proficiency among seniors. Presented at Cognitive Aging Conference 2016. Atlanta, GA.
4	2015	Roque N.A. , Boot W.R. (2015, November). Do Different Attention Capture Paradigms Measure Different Types of Capture?. Presented at the 23 rd Object Perception, Attention and Memory (OPAM) Workshop. Chicago, IL.

3	2015	Roque N.A. , Wright T.J., Boot W.R. (2015, May). Exploring Visual Search as a Paradigm to Study Medication Errors. Presented at the 15 th Annual Meeting of the Vision Sciences Society. St. Petersburg Beach, FL. https://jov.arvojournals.org/article.aspx?articleid=2433979
2	2014	Roque N.A. , Boot, W.R. (2014, May). Exploring the Relationship between Object-Based Attention Effects and Object Realism. Poster presented at the 14 th Annual Meeting of the Vision Sciences Society. St. Petersburg Beach, FL. https://jov.arvojournals.org/article.aspx?articleid=2144943
1	2012	Driscoll K.A., Johnson S.B., Gill E., Pizzi A., Roque N.A. , Sorrentino E., ... (2012, August) "Grading" Type 1 Diabetes Knowledge: How Well Do Children and Parents Perform? Presented at the 120 th Annual Convention of the American Psychological Association. Orlando, FL.

University / Department / Center: Oral Presentations

#	Year	Citation
10	2023	Roque N.A. (2023, October). Breathe Well, Age Well: A Comprehensive Look at Air Quality for Older Adults. Presented at the Penn State Center for Healthy Aging Colloquium.
9	2023	Roque N.A. (2023, March). Reproducible Data Science. Workshop presentation for UCF Research IT. Workshop event listing: https://events.ucf.edu/event/2891771/reproducible-data-science/
8	2023	Roque N.A. (2023, March). Qualtrics for Research Data Collection. Workshop presentation for UCF Research IT. Workshop event listing: https://events.ucf.edu/event/2819983/qualtrics-for-research-data-collection/
7	2021	Roque N.A. (2021, September). Introduction to Data Wrangling & Visualization in R: Exploring the Google Mobility Dataset. Workshop presentation for UCF HFC Doctoral Program Brown bag series. Workshop materials open-sourced: https://github.com/nelsonroque/contextlab_intro_datascience
6	2019	Roque N.A. (2019, November). Using Model-Based Cluster Analyses of Cognitive Performance to Unpack Differences in Psychosocial Risk Factors. Presentation for Pennsylvania State University's Center for Health Aging, Aging SIG.
5	2018	Roque N.A. (2018, March). tsfeaturex: Automating the Extraction of Time Series Features. Presentation for Pennsylvania State University's QuantDev Brown Bag Lecture Series.
4	2018	Roque N.A. (2018, April). Reliably measuring attention capture: Challenges and new approaches. Presentation for FSU Psychology's Graduate Research Day.
3	2017	Roque N.A. (2017, April). Exploring visual search as a paradigm for predicting medication errors. Presentation for FSU Psychology's Graduate Research Day.
2	2016	Roque N.A. (2016, April). Do different attention capture paradigms measure different types of capture? Presentation for FSU Psychology's Graduate Research Day.
1	2016	Roque N.A. (2016, March). Exploring visual search as a paradigm for studying medication errors. Research sharing luncheon held by the FSU Fellows Society.

RESEARCH: IN THE MEDIA

In the Media

#	Year	Citation
2	2022	Roque, N.A. provided commentary on the potential impact of fireworks on human health. (2022, December). How do fireworks affect the air we breathe? We answer key questions about the pollution they generate. https://www.univision.com/noticias/fuegos-artificiales-contaminacion-aire-respiramos-preguntas-clave
1	2020	Roque, N.A. provided commentary on the state of detecting cognitive changes. (2019, December). If dementia can't be prevented, can it at least be detected early? https://qz.com/1754544/detecting-dementia-early-could-the-key-to-a-cure/

Podcasts

#	Year	Citation
2	2018	Roque, N.A. provided audio commentary on the state of assessing mobile device proficiency. (2018, December). JAG: A new tool for assessing mobile device proficiency in older adults: The mobile device proficiency questionnaire. Listen: http://sagenursing.sage-publications.libsnpnpro.com/jag-a-new-tool-for-assessing-mobile-device-proficiency-in-older-adults-the-mobile-device-proficiency-questionnaire-0
1	2018	Roque, N.A. and Boot, W.R., provided audio commentary on the state of assessing mobile device proficiency. (2018, November). JAG: A new tool for assessing mobile device proficiency in older adults: The

		mobile device proficiency questionnaire. Listen: http://sagenursing.sage-publications.libsypnpro.com/jag-a-new-tool-for-assessing-mobile-device-proficiency-in-older-adults-the-mobile-device-proficiency-questionnaire
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TEACHING

PENNSYLVANIA STATE UNIVERSITY _____

Graduate Supervision, Doctoral Program

Student	Project Title	Period of Supervision
Rinanda Shaleha	Impact of Screen Time on Cognitive Function and Health	Summer 2023 - Present

Undergraduate Supervision, Directed Independent Research

Student	Project Title	Period of Supervision
Fatima Alcala	How Caregiving Burden and Burnout Impact of Emotional Support	January 2024 - Present

Courses Taught

Semester	Course	Class Title	# Students
Fall 2023	HDFS 596-009	Individual Studies (Independent Study)	1
Spring 2024	HDFS 249-N	Adult Development and Aging	60
Spring 2024	HDFS 596-002	Individual Studies (Independent Study)	1

UNIVERSITY OF CENTRAL FLORIDA _____

- Graduate Supervision, Doctoral Program (N = 2)
- Undergraduate Supervision, Chair, Honors in the Major (N = 4)
- Undergraduate Supervision, Committee Member, Honors in the Major (N = 1)
- Undergraduate Supervision, Directed Independent Research (N = 13)

Courses Taught

Semester	Course	Class Title	# Students
Spring 2023	EXP6541(P)	Advanced Human-Computer Interaction	5
Spring 2023	PSY4912	Directed Independent Research	12
Spring 2023	PSY4970H	Honors Thesis 1	2
Spring 2023	PSY4971H	Honors Thesis 2	1
Spring 2023	PSY6908	Independent Study	1
Fall 2022	EXP3604 (P)	Cognitive Psychology	143
Fall 2022	PSY4903H (P)	Honors Directed Readings 1	2
Fall 2022	PSY4912	Directed Independent Research	8
Fall 2022	PSY4970H	Honors Thesis 1	1
Summer 2023	PSY6908	Independent Study	1
Summer 2023	PSY4904H	Honors Directed Readings 2	1
Summer 2023	PSY4912	Directed Independent Research	3
Spring 2022	EXP6541(P)	Advanced Human-Computer Interaction	4
Spring 2022	PSY4903H (P)	Honors Directed Readings	1
Spring 2022	PSY4912	Directed Independent Research	3
Fall 2021	PSY4912	Directed Independent Research	2
Fall 2021	EXP3604 (P)	Cognitive Psychology	110
Fall 2021	EXP3604 (W)	Cognitive Psychology	140
Spring 2021	EXP3604 (W)	Cognitive Psychology	173
Fall 2020	EXP3604 (V1)	Cognitive Psychology	74

Education & Preparation

REVISED: 9/6/24

Training Course	Completion
ABCs of Diversity	December 2021
Essentials of Online Teaching	Fall 2020
FERPA Training	May 2020

FLORIDA STATE UNIVERSITY _____

Courses Taught

Course	Class Title	Semester	# Students
PSB2000	Brain & Behavior	Fall 2016	220
Summer Workshop	Python Programming + Open-Source Experiment Building Workshop (Co-Lecturer)	June 2014 – July 2014	12

Guest Lectures

Course	Class Title	Date Covered
PSB2000	Brain & Behavior Instructor: Dr. Orenda Johnson	12/1/16
PSB2000	Brain & Behavior Instructor: Dr. Briana Carroll	11/14/16
EXP3202	Research Methods Instructor: Dr. Jonathan Folstein	3/24/16

Education & Preparation

Training Course	Completion
FSU Psychology Department Teaching Practicum (Supervisors: Dr. Orenda Johnson, Dr. Justin Moss)	<u>January 2016 - May 2016</u>

SERVICE

Service to Penn State

HDFS Departmental Committees

Dates of Service	Role	Service To:	Service Activities
Fall 2023 - Present	Member of PPD&E Committee	Department, Doctoral Program	Participate in various PPD&E and subgroup activities, including data curation about other HDFS programs, preparing the identity survey and contributing to group discussions and organization.
Fall 2023 - Present	Chair of Quads Committee	Doctoral Program	Provide feedback on manuscripts, and proposals. Service on committees for: <ul style="list-style-type: none"> Rinanda Shaleha
Fall 2023 - Present	Member of Comprehensive Exam Committee	Doctoral Program	Provide feedback on manuscripts, and proposals. Service on committees for: <ul style="list-style-type: none"> Alexa Allan

College, Institute, University Committees

Dates of Service	Role	Service To:	Service Activities
Spring 2024 - Present	Member of Research Impacts Working Group	SSRI, University	Contributing metrics surrounding the measurement of research impact.
August 2023 – March 2024	Member of Search Committee HHD Environmental Health Science Initiative	College of HHD	Participate and provide feedback on candidate screening, assessment and interview activities for two tenure-track positions (one with SSRI affiliation, one with ICDS affiliation).

Service to Funding Agencies

REVISED: 9/6/24

National Institute of Health (NIH) Early Career Reviewer; F02B Study Section, May 2023 – June 2023.

Reviewed grant applications for NIH and provided critiques/scores for further consideration of funding.

National Institute of Health (NIH) Early Career Reviewer; Human Complex Mental Function (HCMF) Study Section, January 2023 - February 2023.

Reviewed grant applications for NIH and provided critiques/scores for further consideration of funding.

Service to Professional Organizations

Society for Ambulatory Assessments (SAA) Early Career Award Reviewer. February – May 2022.

- Reviewed applications for early career award bestowed on behalf of the Society for Ambulatory Assessment (SAA).

Conference Abstract Reviewer, APA Division 20, December 2018 and December 2019

External Reviewer, The Society for Research in Child Development (SRCD), Student and Early Career Council [SECC], Dissertation Research Funding Awards, July 2019

Student Grant Reviewer, Pennsylvania State University, Kinesiology Department, May 2019

- Assisted in reviewing student grant applications in the context of a mock NIH study section review.

Graduate Student Representative: APA Division 20, September 2014 – February 2016

- Developed: strategies to increase membership, created content for the newsletter (published three times per year), as well as organized social gatherings for Division 20 members at conferences

Poster Judge, APA Division 20 Poster Session, August 6-9th, 2015

- Assisted in judging poster presentations as part of APA's Division 20 (Adult Development & Aging) poster session.

Service to Profession, Peer Review

- Applied Ergonomics
- Frontiers in Digital Health
- Journal of Applied Gerontology
- Journal of Medical Internet Research (JMIR)
- Journal of Medical Internet Research (JMIR) Serious Games
- Journal of Experimental Psychology: Applied
- Journal of Gerontology: Psychological Sciences
- Journal of Visualized Experiments (JoVE)
- International Journal of Psychophysiology

Community Outreach

Guest Lecturer, Pennsylvania (PA) CareerLink, 2018-2019

- "Project Management Tools for Efficiency and Success". Presentation illustrating how to use various project management software in the context of a mock project. February 13, 2019
- "Work from Anywhere: Preparing your Digital Toolbox". Presentation covering software involved to be a successful, well-rounded remote worker. December 19, 2018
- "Work from Anywhere: Tools & Practical Advice". Presentation covering practical advice for remote workers (software, sourcing talent). November 7, 2018

Judge, Capital Regional Science and Engineering Fair, February 13th, 2015 and February 6th, 2018

- Assisted in judging poster presentations for several students from the Capital Region area (Tallahassee, FL and surrounding areas) and deciding on a final winner.

President, Tallahassee Apple Users Group Inc. 501(c)(3) non-profit, December 2017 – May 2018

- Lead of organization, including developing community partnerships, delivering presentations related to technology.

Vice President, Tallahassee Apple Users Group Inc. 501(c)(3) non-profit, December 2016 – December 2017

- Create and deliver presentations related to consumer technology, in addition to organizing and maintaining the website.

PROFESSIONAL SOCIETIES

Member, Gerontological Society of America

Member, American Psychological Association - Division 20 (Adult Development and Aging)

Member, American Psychological Association - Division 21 (Applied Experimental and Engineering Psychology)

Member, American Psychological Association - Division 38 (Society for Health Psychology)

Addendum: Service to UCF

Department of Psychology Committees

Dates of Service	Role	Service To:	Service Activities
September 2021 – Fall 2022	Member of Search Committee for I/O Program	Department of Psychology	Participate and provide feedback on candidate screening, assessment, and interview activities for two IO Psych tenure-track positions.
April 2021 - Present	Member of Dissertation Committee	Human Factors & Cognitive Psychology (HFC) Doctoral Program	Provide feedback on manuscripts, and proposals. Service on committees for 6 students.
Spring 2022 – Spring 2024	Member of Dissertation Committee	Texts and Technology Doctoral Program	Provide feedback on manuscripts, and proposals. Service on committees for 1 student.
Spring 2021, Spring 2022	Second Reader for 1 st /2 nd Year Projects	Human Factors & Cognitive Psychology (HFC) Doctoral Program	As part of UCF Psychology's HFC Doctoral Program Requirements. Service on committees for 4 students.
December 2021 – August 2023	Social Media Outreach Chair	Human Factors & Cognitive Psychology (HFC) Doctoral Program	Develop social media strategy. Establish and maintain a social media presence for the UCF HFC doctoral program.
December 2021 – January 2023	Brown Bag Series Chair	Human Factors & Cognitive Psychology (HFC) Doctoral Program	Coordinate Brown Bag series for the HFC doctoral program, including inviting external speakers for presentations.
December 2021 – December 2023 December 2020 – April 2021	Chair of Human Factors & Cognitive Psychology (HFC) Doctoral Program Admissions Sub-committee	Human Factors & Cognitive Psychology (HFC) Doctoral Program	Initiate and implement screening of candidates as per HFC Admissions criteria, selecting potential students for University Fellowship.

Research

Dates of Service	Role	Service To:	Service Activities
Spring 2022 – Spring 2023	Mock NIH Grant Reviewer	UCF Research Development	Serve as mock reviewer and provide feedback on grant applications in preparation for external review <ul style="list-style-type: none">• Dr. Jean Davis (NIH R03 mechanism)• Dr. Giang Vu (NIH R03 mechanism)

University Committees

Dates of Service	Role	Service To:	Service Activities
Spring 2022	Member of Research Commons: Technology & Environment Selection Committee	University, Presidential Initiative JumpStart	Participate and provide feedback on Research Commons vision and planning.