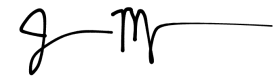


JENNIFER RAE MYERS

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EXPERIENCE

- 2022-Present Senior Product Manager** – Digital Health Products for Cognitive Rehabilitation
Musical Health Technologies – Los Angeles, CA [Remote]
- 2020-2022 Clinical Research Scientist** – Digital Cognitive Health Research & Development
Neurotrack Technologies – Redwood City, CA [Remote]
- 2020-2021 Visiting Psychology Professor** – Undergraduate Research Methods I & II
Department of Psychology, Loyola University of Maryland – Baltimore, MD
- 2018-2020 Adjunct Psychology Faculty** – General and Social Psychology
Department of Psychology, Montgomery College – Rockville, MD
- 2016-2020 Communication Research Scientist** – Pre- & Postdoctoral Training
Audiology & Speech Pathology Center, Walter Reed National Military Medical Center – Bethesda, MD
- 2012-2017 Speech-Language Pathologist** – Adult Neurogenic Disorders & Child Language Disorders
Wellspring Therapy – Crofton, MD
- 2011-2012 Speech-Language Pathologist** – Clinical Fellowship
Heritage Harbour Health & Rehabilitation Center – Annapolis, MD

EDUCATION

- 2012-2017 PhD, Neuropsychology; Minor: Cognitive Psychology**
Department of Psychology, Howard University
- 2009-2011 MS, Communication Sciences & Disorders (Medical Specialization)**
Department of Communications, Howard University
- 2005-2008 BS, Communication Disorders**
Department of Health & Human Services, Bowling Green State University

SCHOLARLY AWARDS & HONORS

- 2023** Artificial Intelligence/Machine Learning Consortium to Advance Health Equity and Researcher Diversity Fellowship Program in Leadership
- 2023** Early Career Contributions in Research Award, American Speech-Language-Hearing Association
- 2021** Multicultural Activities Award, American Speech-Language-Hearing Association
- 2015** Summer Institute Cognitive Neuroscience Fellowship, University of California-Davis
- 2011** Nancy McKinley Regional Award, National Student Speech-Language-Hearing Association
- 2011** Outstanding Student Award, DC Speech Hearing & Language Association
- 2009** Minority Student Leadership Scholar, American Speech-Language-Hearing Association

PUBLICATIONS & PRESENTATIONS

Refereed Articles

- Myers, J. R.**, Bryk, K. N., Madero, E. N., McFarlane, J., Campitelli, A., Gills, J., Jones, M., Paulson, S., Gray, M., & Glenn, J. M. (2023). "I have the tools for success": Initial qualitative feedback on a digital cognitive health coaching intervention from rural-residing participants. *JMIR Preprints*. 01/08/2023:51400
- Gills, J. L., Jones, M., Campitelli, A., Paulson, S., Diehl, C., Rodgers, C., Madero, E.N., **Myers, J. R.**, Bryk, K., Glenn, J. M., & Gray, M. (revised). Higher physical function yields better cognitive outcomes in middle-to-older high-risk adults. *The Journals of Gerontology: Biological Sciences*
- Perry, T. T., Brungart, D. S., **Myers, J. R.**, Cord, L. L., & Solomon, N. P. (2023). Prevalence of self-reported voice concerns and associated risk-markers in a nonclinical sample of military service members. *Journal of speech,*

- language, and hearing research: *JSLHR*, 66(9), 3364–3381. https://doi.org/10.1044/2023_JSLHR-23-00150
4. Grant, K. W., Phatak, S. A., Kubli, L. R., **Myers, J. R.**, Jenkins, K. A., & Brungart, D. S. (accepted). Hearing difficulties in blast-exposed service members with normal to near-normal hearing thresholds. *Ear and Hearing*.
 5. Brown, C.S., & **Myers, J. R.** (2023). Digital technology supports therapeutic singing for cognitive health & wellbeing. *Harvard Public Health Review*, 62. 10.54111/0001/JJJ9
 6. Campitelli, A., Paulson, S., Gills, J. L., Jones, M. D., Madero, E. N., **Myers, J. R.**, Glenn, J. M., & Gray, M. (2023). A novel digital digit-symbol substitution test measures processing speed in adults at-risk for Alzheimer’s disease: A validation study. *JMIR Aging*, 6(1), e36663. <https://doi.org/10.2196/36663>
 7. Campitelli, A., Gills, J. L., Jones, M.D., Paulson, S., **Myers, J. R.**, Bryk, K., Madero, E. N., Glenn, J. M., Rodgers, C. H., Kempkes, J. A., & Gray, M. (2022). The effect of a digital health coaching and health education protocol on cognition in adults at-risk for Alzheimer’s. *GeroScience*, 45(2), 1147-1159. <https://doi.org/10.1007/s11357-022-00711-3>
 8. **Myers, J. R.**, Glenn, J. M., Madero, E. N., Anderson, J., Mak-McCully, R., Gray, M., Gills, J. L., & Harrison, J. E. (2022). Asynchronous remote assessment for cognitive impairment: Reliability verification of the Neurotrack cognitive battery. *JMIR Formative Research*, 6(2), e34237. <https://formative.jmir.org/2022/2/e34237>
 9. **Myers, J. R.**, Solomon, N. P., Lange, R. T., French, L. M., Lippa, S. M., Brickell, T. A., Staines, S., Nelson, J., Brungart, D. S., & Coelho, C. A. (2022). Analysis of discourse production to assess cognitive communication deficits following mild traumatic brain injury with and without posttraumatic stress. *American Journal of Speech-Language Pathology*, 31(1), 84-98. https://doi.org/10.1044/2021_ajslp-20-00281
 10. **Myers, J. R.**, & Telford, S.R., (2022). A preliminary report of trauma impact on language skills in bilingual adults: A case for trauma-informed services. *Harvard Public Health Review*, 62. <https://hphr.org/62-article-rose/>
 11. Boujelbane, M. A., Trabelsi, K., Boukhris, O., Kacem, F. H., Ammar, A., Charfi, I., Turki, M., Charfeddine, S., Bouaziz, B., Hakim, A., Frikha, H., Glenn, J. M., & **Myers, J. R.** (2022). The use of digital technology to assess cognitive function in Tunisian adults. *Journal of Alzheimer's Disease*, 88(4), 1545-1552. <https://doi.org/10.3233/jad-220398>
 12. Gray, M., Madero, E. N., Gills, J. L., Paulson, S., Jones, M. D., Campitelli, A., **Myers, J. R.**, Bott, N. T., & Glenn, J. M. (2022). Intervention for a digital, cognitive, multi-domain Alzheimer risk velocity study: Protocol for a randomized controlled trial. *JMIR Research Protocols*, 11(2), e31841. <https://doi.org/10.2196/31841>
 13. Gills, J. L., Campitelli, A., Jones, M., Paulson, S., **Myers, J. R.**, Madero, E. N., Glenn, J. M., Komorowski, J., & Gray, M. (2021). Acute inositol-stabilized arginine silicate improves cognitive outcomes in healthy adults. *Nutrients*, 13(12), 4272. <https://doi.org/10.3390/nu13124272>
 14. Madero, E., Anderson, J., Bott, N., Hall, A., Newton, D., Fuseya, N., Harrison, J., **Myers, J. R.**, & Glenn, J. (2021). Environmental distractions during unsupervised remote digital cognitive assessment. *The Journal of Prevention of Alzheimer's Disease*, 1-4. <https://doi.org/10.14283/jpad.2021.9>
 15. **Myers, J. R.** (2019). Effects of need for cognitive closure and age on medical-related beliefs of African Americans. *IAFOR Journal of Psychology & the Behavioral Sciences*, 5(1), 43-53. <https://doi.org/10.22492/ijpbs.5.1.04>
 16. **Myers, J. R.**, Ball, K., Leong, S., & Lawson, W. (2018). Medical mistrust, HIV-related conspiracy beliefs, and the need for cognitive closure among urban-residing African American women. *Journal of Health Disparities Research and Practice*, 11(4), 138-148. <https://digitalscholarship.unlv.edu/jhdrp/vol11/iss4/8>

Non-refereed Book Chapters

1. **Myers, J. R.** (in press). Digital health: An evolving response to global cognitive-communication health disparities. In C. Selemani & B. Staley (Eds.) *Speech-language pathology as a global practice: culture, context and collaboration*. Routledge.
2. Telford Rose, S., & **Myers, J. R.** (accepted). Impact of post-traumatic stress on cognitive-communication in bilingual children & adults. In Y. Hyter (Ed.) *Language research in post-traumatic stress*. Routledge.
3. Coelho, C., Davis, A., Key-DeLyria, S., Lindsey, A., Maruca, A., **Myers, J. R.**, & Solomon, N. P. (in press). Traumatic brain injury within special populations. In: G. Wallace (Ed.) *Cultural competence in adult neurorehabilitation: A community-based rehabilitation approach for speech-language pathologists*. New York: Singular Pub.

Awarded Presentations (full list of 22 presentations available upon request)

1. **Myers, J. R.**, Solomon, N. P., Lange, R. T., French, L. M., Lippa, S. M., Brickell, T.A., Brungart, D. S., & Coelho, C. A. (2019, Nov). *Linguistic elements of narrative discourse in individuals with TBI and comorbid TBI/PTSD-II*. Poster presented at the ASHA Convention, Orlando, FL. [Meritorious poster award]
2. **Myers, J. R.**, Solomon, N. P., Lange, R. T., French, L. M., Lippa, S. M., Brickell, T.A., Brungart, D. S., & Coelho, C. A. (2019, March). *Linguistic elements of narrative discourse in individuals with TBI and comorbid TBI/PTSD-I*. Poster presented at the NCA TBI Research Symposium, NIH, Bethesda, MD. [Top 5 Postdoctoral Scientific Poster Finalist]
3. **Myers, J. R.**, Howell, M. K., & Mellman, T.A. (2017, Feb). *On the road to recovery: An analysis of cognitive processing in women with post-traumatic stress disorder*. Poster Presented at the "I Am Psyched!" Juried Research Exhibition, American Psychological Association, Washington, D.C. [2nd Honors]
4. **Myers, J. R.** (2016, April). *Gender-specific emotional trajectories: A linguistic analysis of written trauma narratives*. Oral Presentation at the Howard University Research Symposium, Washington, D.C [1st Place Research Award]

EXTERNAL RESEARCH FUNDING

Active

Alzheimer's Drug Discovery Foundation

ADDF Digital Multimodal Phenotyping for the Detection of Cognitive Decline in Aging Adults (PI: Myers)

Period: 2020-2023; Award: \$793k; **Role:** Principal Investigator (2020-2022)

National Institute on Aging— Small Business Innovation Research (SBIR) Award

NIH/NIA 5-R44AG06372-02 *Digital Multi-domain Lifestyle Intervention to Address Cognitive Health and Modifiable Risk Factors for Alzheimer's Disease* (PI: Glenn)

Period: 2019-2024 (includes no cost extension); Award: \$3.3m; **Role:** Clinical Research Scientist (2020-2022)

Completed

U.S. Army Medical Research and Materiel Command

W81XWH-18-2-0033 *Objective Assessment of Auditory Pathway Integrity and Functional Hearing Abilities*; (PI:

Grant) Period: 2017-2021 (includes no cost extension); Award: \$750k; **Role:** Associate Investigator (2018-2020)

U.S. Army Medical Research and Materiel Command

W81XWH-15-1-0490 *Diagnosing Contributions of Sensory and Cognitive Deficits to Hearing Dysfunction in Blast-Exposed / TBI Service Members* (PI: Shinn-Cunningham)

Period: 2015-2018; Award: \$495k; **Role:** Associate Investigator

Congressionally Directed Medical Research Programs

DM130027 *Prevalence and Objective Verification of Central Auditory Processing Disorders (CAPD) in Blast Exposed Warfighters* (PI: Grant)

Period: 2013-2018 (includes no cost extension); Award: \$1.9m; **Role:** Associate Investigator

CERTIFICATIONS & LICENSURE

2022 National Health Service Digital Clinical Safety Certification (United Kingdom)

2021 Google Data Analytics Professional Certificate

2012 Certificate of Clinical Competence in Speech-Language Pathology

2012 Maryland Speech-Language Pathology License (MD-06978)

2009 Health Insurance Portability and Accountability Act (HIPAA) Certification

MEMBERSHIPS

2023-Present Advisory Board, Leaders in Designing Equitable Research Engagement through Servingness Project

2014-2018 Member, American Psychological Association

2011-Present Member, American Speech-Language-Hearing Association

2009-2011 President, National Student Speech Language and Hearing Association - Howard Chapter

2009-Present Member, National Black Association for Speech-Language and Hearing

2006-2011 Member, National Student Speech Language and Hearing Association
