

FATIMA JEBABI

Department of Speech, Language and Hearing Sciences, University of Arizona
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EDUCATION

- Ph.D.** Speech, Language, and Hearing Sciences Expected May 2025
University of Arizona, Tucson, AZ, USA
Minor: Cognitive Science
Advisor: Aneta Kielar, Ph.D.
- M.S.** Communication Sciences and Disorders May 2021
East Carolina University, Greenville, NC, USA
Thesis: “Factors Correlated with Communication Confidence in Persons with Aphasia: A Synthetic Cohort Analysis”
Advisor: Charles Ellis, Ph.D., CCC-SLP
- B.S.** Speech Therapy Jun. 2018
Lebanese University, Fanar, LB
Honors Thesis: “Semantic Verbal Fluency: Preliminary Normative Data in Lebanese Arabic”

RESEARCH EXPERIENCE

- University of Arizona, Tucson, AZ, USA** Aug. 2021 – Present
Graduate Research Assistant, Language and Neuroimaging Lab
Director: Aneta Kielar, Ph.D.
- Designing and conducting research aimed at examining psycholinguistic properties that affect naming in primary progressive aphasia
 - Applying transcranial direct current stimulation (tDCS) while language treatment is concurrently given to adults with primary progressive aphasia undergoing phonological treatment
 - Administering language and cognitive assessments to neurotypical adults and adults with post-stroke aphasia or primary progressive aphasia
 - Managing and analyzing data from neurotypical adults and adults with post-stroke aphasia or primary progressive aphasia
 - Assisting in recruiting neurotypical adults and adults with post-stroke aphasia and primary progressive aphasia to participate in investigative and treatment research
 - Mentoring undergraduate student researchers on conducting and analyzing clinical research
- University of Arizona, Tucson, AZ, USA** Jan. 2023 – May 2023
Graduate Student Researcher, Aphasia Research Project
Director: Pélégie Beeson, Ph.D., CCC-SLP
- Conducted a retrospective study examining the effects of sub-lexical phonological treatment on strategy implementation in tasks of generative lexical retrieval in post-stroke aphasia

University of Arizona, Tucson, AZ, USA Aug. 2022 – Dec. 2022
Graduate Student Researcher, Cognitive Neuroscience of Language Lab
Director: Vicky T. Lai, Ph.D.

- Conducted a retrospective study examining patterns of naming deterioration in a case of bilingual logopenic primary progressive aphasia
- Developed a Qualtrics survey to collect normative data on psycholinguistic properties of words in Shanghainese

East Carolina University, Greenville, NC, USA Aug. 2019 – May 2021
Graduate Research Assistant, Communication Equity and Outcomes Lab
Director: Charles Ellis, Ph.D., CCC-SLP

- Completed a retrospective study examining the factors that determine communication confidence in post-stroke aphasia
- Completed a review on long-term recovery of language in post-stroke aphasia
- Organized, managed, analyzed, and interpreted cognitive and linguistic data in adults with post-stroke aphasia

East Carolina University, Greenville, NC, USA May 2020 – Aug. 2020
Graduate Student Researcher, Aging and Adult Language Disorders Lab
Director: Heather Harris Wright, Ph.D., CCC-SLP

- Completed a systematic search and a scoping review on the effects of tamoxifen, a hormonal treatment for breast cancer, on language and cognition
- Stored, managed, and analyzed data for statistical analyses and interpretation

TEACHING EXPERIENCE

University of Arizona, Tucson, AZ, USA Spring 2024
Teaching Assistant, SLHS 255 Hearing, Health, and Society

University of Arizona, Tucson, AZ, USA Fall 2023
Teaching Assistant, SLHS 362 Neurobiology of Communication

University of South Florida, Tampa, FL, USA Fall 2022, 2023
Guest Lecturer, SPA 6564 Seminar in Aging, Cognition, and Communication
Lecture Topic: “Primary Progressive Aphasia: A Neurodegenerative Syndrome”

University of Arizona, Tucson, AZ, USA Summer 2023
Instructor, College of Science Discovery

University of Arizona, Tucson, AZ, USA Fall 2022
Guest Lecturer, SLHS 362 Neurobiology of Communication
Lecture Topic: “Brain Connectivity: White Matter Fiber Tracts of the Language Network”

University of Georgia, Athens, GA, USA Spring 2022
Guest Lecturer, CMSD 4110 Speech Disorders
Lecture Topic: “Acquired Neurogenic Language Disorders: An Introduction”

CLINICAL EXPERIENCE

Saint Joseph Private Clinics, Damour, LB Jun. 2018 – Aug. 2019

Speech Therapist

- Provided diagnostic speech-language evaluations for adults with post-stroke aphasia, traumatic brain injuries, or dementia caused by neurodegenerative diseases
- Designed and implemented custom treatment plans for adults with speech, cognitive, receptive and/or expressive language impairments
- Evaluated progress and planned reevaluation of patients

PEER-REVIEWED PUBLICATIONS

Book Chapters

Jacobs, M.M., **Jebahi, F.**, & Ellis, C. (2021). The Determinants of Health: Social, Structural, and Political Contributions to Health-Related Outcomes. In *Critical Perspectives on Social Justice in Speech-Language Pathology* (pp. 39-58). IGI Global.

Journal Publications

Jebahi, F., Nickels, K.V., & Kiear, A. (2024). Patterns of Performance on the Animal Fluency Task in Logopenic Variant of Primary Progressive Aphasia: A Reflection of Phonological and Semantic Skills. *Journal of Communication Disorders*. <https://doi.org/10.1016/j.jcomdis.2024.106405>

Summaka, M., Nasser, Z., Hannoun, S., Daoud, R., Zein, H., Al-Thalaya, Z., Hamadeh, Z., Koubaisy, N., **Jebahi, F.**, Naim, I., & Harati, H. (2023). The Radboud dysarthria assessment: validity and reliability of the Arabic version. *Disability and Rehabilitation*, 1-10.

Shah-Basak,P., Boukrina, O., Li, X.R., **Jebahi, F.**, Kiear, A. (2023). Targeted neurorehabilitation strategies in post-stroke aphasia. *Restorative Neurology and Neuroscience*, 1-64. <https://doi.org/10.3233/RNN-231344>

Jebahi, F., Nickels, K.V., & Kiear, A. (2023). Predicting Confrontation Naming in the Logopenic Variant of Primary Progressive Aphasia. *Aphasiology*, 1-32. <https://doi.org/10.1080/02687038.2023.2221998>

Nickels, K.V., Beeson, P.M., Rising, K.L., **Jebahi, F.**, & Kiear, A. (2023). Positive changes to written language following phonological treatment in logopenic variant primary progressive aphasia: Case report. *Frontiers in Human Neuroscience*, 16, 919. <https://doi.org/10.3389/fnhum.2022.1006350>

Summaka, M., **Jebahi, F.**, Al-Thalaya, Z., Assaf, S., Al-Kammouni, Z., Al Zein, H., Haidar, R., Kresht, J., Hassan F.Z., Matar, W., Kawtharani, H., & Kassir, H. (2022). Verbal fluency in Lebanese children: Preliminary normative data, sociodemographic determinants, and patterns of clustering and switching, *Applied Neuropsychology: Child*, <https://doi.org/10.1080/21622965.2022.2150551>

Jebahi, F., Abou Jaoude, R., & Ellis, C. (2022). Semantic verbal fluency task: The effects of age, educational level, and sex in Lebanese-speaking adults. *Applied Neuropsychology: Adult*, 29(5), 936-940. <https://doi.org/10.1080/23279095.2020.1821031>

Jebahi, F., Abou Jaoude, R., Daaboul, H., El Achkar, R., & Jacobs, M. M. (2021). Preliminary normative data for 12 categories using semantic verbal fluency: The role of animacy. *Applied Neuropsychology: Adult*, 1-6. <https://doi.org/10.1080/23279095.2021.1971981>

Adams-Mitchell C.J. & **Jebahi, F.**, (2021) Looking Deeper in the Assessment of Children with Sickle Cell Disease: A Need to Consider Language Development and Language Disruption Issues, *Journal of the National Black Association of Speech and Hearing*

Jebahi, F., Sharma, S., Bloss, J.E., & Wright, H.H., (2021) Effects of Tamoxifen on Cognition and Language in Women with Breast Cancer: A Systematic Search and a Scoping Review. *Psycho-Oncology*. <https://doi.org/10.1002/pon.5696>

Jebahi, F., & Ellis, C. (2021) Long-Term Recovery of Post-Stroke Aphasia. *Current Trends in Neurology*.

PEER-REVIEWED PRESENTATIONS

Jebahi, F., & Kielar, A. (October, 2023). The Contribution of Semantics and Phonology to Naming Error Types in Aphasia. Poster presentation at the annual Academy of Aphasia Meeting, Reading, England.

Nickels, K.V., Beeson, P.M., Rising, K.L., **Jebahi, F.**, & Kielar, A. (October, 2023). Treatment Outcomes Following Phonological Intervention in Logopenic and Nonfluent/Agrammatic Variant Primary Progressive Aphasia: Results from a Double-Blind, Sham-Controlled, Crossover Trial. Platform presentation at the annual Academy of Aphasia Meeting, Reading, England.

Jebahi, F., Nickels, K.V. Frazier, N.J., & Kielar, A. (September, 2023). The Contribution of Semantic and Phonological Abilities to Category Fluency Performance Patterns in Logopenic Variant of Primary Progressive Aphasia. Poster presentation at the annual Arizona Alzheimer's Consortium Scientific Conference, Tempe, AZ.

Nickels, K.V., Beeson, P.M., **Jebahi, F.**, Frazier, N.J., & Kielar, A. (September, 2023). Treatment Outcomes in Primary Progressive Aphasia after Phonological Treatment with tDCS. Poster presentation at the annual Arizona Alzheimer's Consortium Scientific Conference, Tempe, AZ.

Goehring, G. E., **Jebahi, F.**, & Kielar A. (2023, April). Predictors of Verbal Fluency Performance in Perisylvian Aphasia. Pinnacle, W.A. Franke Honors College Annual Research Symposium, University of Arizona, Tucson, AZ.

Slenkovich, E., Nickels, K.V., **Jebahi, F.**, Frazier, N.J., & Kielar, A. (2023, April). The Methods, Neuromechanism, and Research Applications of TDCS. Chemistry and Biochemistry Poster Fair, University of Arizona, Tucson, AZ.

Jebahi, F., Nickels, K.V., & Kielar, A. (2022, November) Generative Naming in the Logopenic Variant of Primary Progressive Aphasia: The Role of Psycholinguistic Properties. Poster presentation at the annual American Speech-Language-Hearing Convention, New Orleans, LA.

Nickels., K.V., Rising, K.L., Beeson, P.M., **Jebahi, F.**, Sachs., A., & Kielar, A. (2022, November). Examining the Effect of a Phonological Intervention on Written Narratives in Individuals with Primary Progressive Aphasia. Platform presentation at the annual American Speech-Language-Hearing Convention. New Orleans, LA

Nickels, K.V., Beeson, P.M., Rising, K.L., **Jebahi, F.**, Kielar, A. (2022, October). Phonological Treatment Outcomes in Nonfluent/Agrammatic Variant Primary Progressive Aphasia: A Case Study. Poster presentation at the annual Academy of Aphasia Meeting. Philadelphia, PA.

Jebahi, F., Nickels, K.V., Frazier N.J., & Kielar, A. (2022, October) Clustering and Switching on Verbal Fluency in Logopenic Variant of Primary Progressive Aphasia, Poster presentation at the annual Society for the Neurobiology of Language Meeting. Philadelphia, PA.

Nickels, K.V., Beeson, P.M., Rising, K.L., **Jebahi, F.,** Frazier, N.J., & Kielar, A. (2022, September) Treatment for Phonological Text Agraphia in Logopenic Variant of Primary Progressive Aphasia: A Heterogenous Case Series, Poster presentation at the annual Arizona Alzheimer’s Consortium. Tempe, AZ.

Jebahi, F., Nickels, K.V., & Kielar, A. (2022, May) Psycholinguistic Determinants of Naming in Logopenic Variant of Primary Progressive Aphasia, Poster presentation at the annual Clinical Aphasiology Conference. Wrightsville Beach, NC.

Jebahi, F., Sharma, S., & Wright, H.H. (2021, February) Effects of Tamoxifen on Cognition and Language in Women with Breast Cancer: A Scoping Review, Poster presentation at the International Neuropsychological Society (Virtual).

Jebahi, F., Briley, P.M., & Ellis, C. (2020, November). 12088: Semantic Verbal Fluency Task: Categorical Normative Data and Effects of Sociodemographic Variables in Lebanese Adults. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association (Convention canceled).

SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

Academy of Aphasia Young Investigator Travel Fellowship, National Institute on Deafness and Other Communication Disorders (NIDCD)	2023
Frank and Cecile Moore Memorial Scholarship, University Arizona	2023
Galileo Circle Scholarship, University Arizona	2022, 2023
Research Symposium in Clinical Aphasiology Fellowship, National Institute on Deafness and Other Communication Disorders (NIDCD)	2022
University Fellows Award, University of Arizona	2021 – 2022
Fulbright Scholarship, Fulbright Association	2019 – 2021

RESEARCH AND TRAVEL GRANTS

Graduate and Professional Student Council (GPSC) Travel Grant, University of Arizona (\$1,000)	2023
Speech, Language, and Hearing Sciences Student Travel Grant, University of Arizona (\$300)	2022, 2023
Cognitive Science Graduate Interdisciplinary Program (GIDP) Student Travel Grant, University of Arizona (\$300)	2022

Herbert E. Carter Travel Grant, University of Arizona (\$400)	2022
University Fellows Travel Grant, University of Arizona (\$500)	2022
Graduate and Professional Student Council (GPSC)	2021 – 2022
Research and Project (ReaP) Grant, University of Arizona (\$1,350)	

PROFESSIONAL DEVELOPMENT AND SERVICE

Panelist, “Developing a Sense of Belonging in your Academic Community” GRAD 695: University Fellows Colloquium, University of Arizona	Feb. 2023
Panelist, “Tips for Success” SLHS 649: Survival Skills and Ethics, University of Arizona	Jan. 2023
American Speech-Language-Hearing Association (ASHA) Mentoring Academic-Research Careers (MARC) Mentee	2021 - Present

PROFESSIONAL TRAINING

Magnetic Resonance Imaging (MRI) Safety University of Arizona	Oct. 2021
Understanding Alzheimer's and Dementia Alzheimer’s Association	Aug. 2020
Primary Care and Traumatic Brain Injury The Greensboro Area Health Education Center	Aug. 2020
Cognitive and Behavioral Consequences of TBI in Adults The Greensboro Area Health Education Center	Aug. 2020
Modified Barium Swallowing Impairment Profile (MBSImP) Northern Speech Services	Mar. 2020

PROFESSIONAL SERVICE

Peer-Reviewed Articles for:

- European Journal of Neuroscience
- Applied Neuropsychology: Adults
- Journal of National Black Association of Speech and Hearing

Peer-Reviewed Grant Applications for:

- Graduate and Professional Student Council (GPSC) Travel Grants, University of Arizona
- Graduate and Professional Student Council (GPSC) Research and Project (ReaP) Grants, University of Arizona

CERTIFICATIONS

Introduction to Teaching Online, University of Arizona

Collaborative Institutional Training Initiative (CITI) Program

Social & Behavioral Research Investigators

Biomedical Research Investigators

Native American Research

Conflict of Interest

Health Insurance Portability and Accountability Act (HIPAA)