

Mackenzie Elizabeth Fama, PhD, CCC-SLP
Curriculum Vitae

Department of Speech, Language, and Hearing Sciences
The George Washington University
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EDUCATION

- Graduate: Ph.D. in Neuroscience July 2018
Georgetown University
Interdisciplinary Program in Neuroscience
Washington, District of Columbia
Dissertation: The Subjective Experience of Inner Speech in Aphasia
Advisors: Peter Turkeltaub & Rhonda Friedman
Committee: Elissa Newport, Michael Ullman, Michelle Harris-Love, and Jamie Reilly
- M.S. in Speech-Language Pathology May 2009
The University of North Carolina
Division of Speech and Hearing Sciences
Chapel Hill, North Carolina
- Undergraduate: B.A. in Linguistics and Philosophy (summa cum laude) May 2007
The College of William and Mary
Williamsburg, Virginia
Honors Thesis: Talking Southern in Virginia: Investigating the Presence of /ay/ Monophthongization (high honors)
Advisor: Anne H. Charity-Hudley

ACADEMIC POSITIONS

- 08/20 – present Assistant Professor (tenure-track)
Department of Speech, Language, and Hearing Sciences
Columbian College of Arts and Sciences
The George Washington University
Washington, DC
- 08/18 – 07/20 Assistant Professor (tenure-track)
Department of Speech-Language Pathology & Audiology
College of Health Professions
Towson University
Towson, MD

PROFESSIONAL EXPERIENCE

- 08/17 – present Stroke Comeback Center Vienna, VA & Rockville, MD
Speech-Language Pathologist (Contract-based)

06/13 – 08/20	MedStar National Rehabilitation Network PRN Speech-Language Pathologist (Inpatient/Outpatient)	DC/Baltimore metro area
06/12 – 06/13	MedStar National Rehabilitation Hospital Resource Speech-Language Pathologist (Inpatient)	Washington, DC
06/09 – 06/12	MedStar National Rehabilitation Hospital Staff Speech-Language Pathologist (Inpatient)	Washington, DC

SCHOLARSHIP

1. Grants and Fellowships

External Funding (Active)

- 2022 – 2024 **Fama, M. E.** “Inner speech in aphasia: Treatment implications and neural correlates.” National Neurorehabilitation and Restorative Neuroscience Training Network (NRNTN) K12 Scholar, National Center for Medical Rehabilitation Research, NIH/NICHD (K12HD093427), **\$250,000** (funded).
- 2021 – 2023 **Fama, M. E.** “Examining inner speech in aphasia: The subjective experience, the relationship with reading ability, and implications for naming therapy.” National Institutes of Health Loan Repayment Program, **\$13,241** (funded).

External Funding (Submitted)

- Nov. 2022 **Fama, M. E.** “Examining inner speech in aphasia: Subjective experience, neural bases, and implications for naming therapy.” National Institutes of Health Loan Repayment Program – Renewal Application.

External Funding (Completed)

- 2021 – 2022 **Fama, M. E.** “Inner Speech and Executive Function Ability in Aphasia.” ASH Foundation New Investigators Research Grant, **\$10,000** (funded).
- 2015 – 2018 **Fama, M. E.** “Using self-reported inner speech to guide treatment for anomia.” F31 Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship, NIH National Institute on Deafness and Other Communication Disorders, **\$91,956** (funded).

Internal Funding

- 2019 – 2020 **Fama, M. E.** “Using structured interviews to understand the experience of inner speech in aphasia.” Towson University Faculty Development and Research Committee Grant, **\$5552** (funded).

Funding Not Awarded

- 2022 **Fama, M. E.** “Inner speech and naming treatment in aphasia,” Deans Research Chair Award, Columbian College of Arts & Sciences, The George Washington University (not funded).

- 2022 **Fama, M. E.** & Meier, E. M. "Picturing word retrieval in aphasia: A new stimulus set for scientific and clinical use", Barbara Martin Aphasia Research Grant, National Aphasia Association (not funded).
- 2015 **Fama, M. E.** "Using self-reported inner speech to guide treatment for anomia," Predoctoral Fellowship, American Heart Association (not funded).

2. Publications

Note: *indicates a mentored student, ^indicates a non-academic collaborator from the community

Peer-Reviewed Journal Articles

- 2022 **Fama, M. E.**, Schuler, K., Newport, E.L., and Turkeltaub, P. E. (2022). Effects of left hemisphere stroke and healthy aging on statistical language learning. *Language, Cognition and Neuroscience*, 37(8), 984-999. <https://doi.org/10.1080/23273798.2022.2030481>
- McCall, J. D., Dickens, J. V., Mandal, A. S., DeMarco, A. T., **Fama, M. E.**, Lacey, E. H., Kelkar, A., Medaglia, J. D., Turkeltaub, P. E. (2022). Structural Disconnection of the Posterior Medial Frontal Cortex Impairs Speech Error Monitoring. *Neuroimage: Clinical*, 33, 102934.
- Fama, M. E.**, *Levinson, G., and *Lemons, E. (2022). The subjective experience of word-finding difficulties in people with aphasia: A thematic analysis of interview data. *American Journal of Speech-Language Pathology Special Issue: Selected papers from the 50th annual Clinical Aphasiology Conference*, 31(1), 3-11.
- 2021 van der Stelt, C. M., **Fama, M. E.**, McCall, J., Snider, S. F., and Turkeltaub, P. E. (2021). Intellectual Awareness of Naming Abilities in People with Chronic Post-Stroke Aphasia. *Neuropsychologia*, 160, 107961.
- Fama, M. E.**, ^Hatfield, B., ^Coyle, S., ^Richman, M. S., and ^Georgeadis, A. C. (2021). The Impact of the COVID-19 Public Health Crisis on Communication and Quality of Life: Insights from a community of stroke and brain trauma survivors. *American Journal of Speech-Language Pathology*, 30(4), 1805-1818.
- 2020 Mandal, A. S., **Fama, M. E.**, Skipper-Kallal, L. M., DeMarco, A. T., Lacey, E. H., and Turkeltaub, P. E. (2020). Brain structures and cognitive abilities important for the self-monitoring of speech errors. *Neurobiology of Language*, 1(3), 319-338.
- Michaelis, K., Erickson, L. C., **Fama, M. E.**, Skipper-Kallal, L. M., Xing, S., Lacey, E. H., Anbari, Z., Norato, G., Rauschecker, J. P., Turkeltaub, P. E. (2020). Effects of age and left hemisphere lesions on audiovisual integration of speech. *Brain and Language*, 206, 104812.
- 2019 **Fama, M. E.** & Turkeltaub, P. E. (2019). Inner speech in individuals with aphasia: Current evidence, clinical implications, and future directions. *American Journal of Speech-Language Pathology*, 29, 560-573.
- Ghaleh, M., Lacey, E. H., **Fama, M. E.**, Anbari, Z., DeMarco, A. T., and Turkeltaub, P. E. (2019). Dissociable mechanisms of verbal working memory maintenance revealed through multivariate lesion mapping. *Cerebral Cortex*, 30(4), 2542-2554.
- Fama, M. E.**, Henderson, M. P., Snider, S. F., Hayward, W., Friedman, R. B., and Turkeltaub, P. E. (2019). Self-reported inner speech relates to phonological retrieval ability in people with aphasia. *Consciousness and Cognition*, 71, 18-29.

Fama, M. E., Snider, S. F., Henderson, M. P., Hayward, W., Friedman, R. B., and Turkeltaub, P. E. (2019). The subjective experience of inner speech in aphasia is a meaningful reflection of lexical retrieval. *Journal of Speech, Language, and Hearing Research*, 62, 106-122.

Dickens, J. V., **Fama, M. E.**, DeMarco, A. T., Lacey, E. H., Friedman, R. B., and Turkeltaub, P. E. (2019). Localization of phonological and semantic contributions to reading. *Journal of Neuroscience*, 39(27), 5361-5368.

2018 Charity-Hudley, A. H., Mallinson, C., Sudler, K., and **Fama, M. E.** (2018). The Sociolinguistically-Trained SLP: Using knowledge of African-American English to Aid and Empower African-American Clientele. *Perspectives of the ASHA Special Interest Groups*, 3(SIG 1), 118-131.

2017 **Fama, M. E.**, Hayward, W., Snider, S., Friedman, R. B. and Turkeltaub, P. E. (2017). Self-Reported Inner Speech: Behavioral relationships and neural correlates. *Brain and Language*, 164, 32-42.

Lacey, E. H., Skipper-Kallal, L. M., Xing, S., **Fama, M. E.**, and Turkeltaub, P. E. (2017). Mapping common aphasia assessments to underlying cognitive processes and their neural substrates. *Neurorehabilitation & Neural Repair*, 31(5), 442-450.

2016 **Fama, M. E.**, Baron, C., Hatfield, B., and Turkeltaub, P. E. (2016). Group Therapy as a Social Context for Aphasia Recovery: A pilot, observational study in an acute rehabilitation hospital. *Topics in Stroke Rehabilitation*, 23(4), 276-283.

2014 **Fama, M. E.** and Turkeltaub, P. E. (2014). Treatment of Post-Stroke Aphasia: Current Practice and New Directions. *Seminars in Neurology*, 14, 504-513.

Submitted Manuscripts

Fama, M. E., *Schwartzman, S., *Metzler, E., ^Coyle, S., & ^Hatfield, B. (Under review). Self-reported longitudinal impacts of the COVID-19 pandemic on adults with acquired communication disorders. Article submitted to *Topics in Stroke Rehabilitation*, September 2022.

McCall, J. D., DeMarco, A. T., Mandal, A. S., **Fama, M. E.**, van der stelt, C. M., Lacey, E. H., Laks, A., Snider, S. F., Friedman, R. B., & Turkeltaub, P. E. (Under review). Listening to Yourself and Watching Your Tongue: Distinct Abilities and Brain Regions for Monitoring Semantic And Phonological Errors. Article under review after revision, re-submitted to *Journal of Cognitive Neuroscience*, December 2022.

Manuscripts in Preparation

Fama, M. E., McCall, J. D., DeMarco, A. T., & Turkeltaub, P. E. (In preparation). The bidirectional relationship between inner speech and executive function ability in aphasia. Manuscript in preparation for submission to *Neuropsychologia*.

3. Conference Presentations

*Note: *indicates a mentored student, ^indicates a non-academic collaborator from the community*

Invited Conference Talks

2021 **Fama, M. E.** (2021, September). *The Nature of Inner Speech in Aphasia*. Invited presentation at the 15th annual Eleanor M. Saffran Conference on Cognitive Neuroscience and Rehabilitation of

Communication Disorders: Consciousness and Human Communication: Breaking through Barriers to the use of Spoken Language, virtual.

^Williamson, D. & **Fama, M. E.** (2021, June). *Aphasia & the Pandemic*. Invited platform presentation at the Instituto Português de Afasia conference, virtual.

National and International Conferences

2023 **Fama, M. E.**, McCall, J. D., DeMarco, A. T., & Turkeltaub, P. E. (2023, May). *The bidirectional relationship between inner speech and cognitive control ability in aphasia*. Abstract submitted to the Clinical Aphasiology Conference, Atlantic City, NJ.

2022 **Fama, M. E.**, ^Coyle, S., *Metzler, E., and *Schwartzman, S. (2022, November). *Longitudinal Impacts of the COVID-19 Pandemic on Adults With Aphasia and Other Cognitive-Communication Disorders*. Poster presentation at the Annual Convention of the American Speech-Language-Hearing Association, hybrid conference (New Orleans, LA and virtual).

Fama, M. E., McCall, J. D., DeMarco, A. T., Snider, S. F., van der Stelt, C. M., Laks, A., Turkeltaub, P. E. (2022, October). *Does inner speech support executive functioning in aphasia?* Platform presentation at the 60th Annual Meeting of the Academy of Aphasia, hybrid conference (Philadelphia, PA and virtual).

2021 **Fama, M. E.**, ^Redmond, S., ^Hatfield, B., ^Georgeadis, A., and ^Richman, M. (2021, November). *The Impact of the COVID-19 Pandemic on Communication and Quality of Life in Stroke Survivors*. Poster presentation at the Annual Convention of the American Speech-Language-Hearing Association, hybrid conference (Washington, DC and virtual).

Fama, M. E., *Lemonds, E., and *Levinson, G. (2021, May). *Understanding the subjective experience of anomia: A thematic analysis*. Poster presentation at the 50th annual Clinical Aphasiology Conference, virtual conference.

2020 *Lemonds, E., *Levinson, G., and **Fama, M. E.** (2020, November). Proposal #11830: *The Subjective Experience of Word-Finding Difficulties in People with Aphasia*. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

*Levinson, G., *Lemonds, E., and **Fama, M. E.** (2020, November). Proposal #11399: *Inner Speech in Healthy Adults*. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

van der Stelt, C. M., **Fama, M. E.**, Snider, S., Turkeltaub, P. E. (2020, November). Proposal #11193: *Rethinking Awareness Measurement in Aphasia: Intellectual Awareness of Naming Abilities in People with Aphasia*. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Posner, J. L., **Fama, M. E.**, Dickens, J. V., van der Stelt, C. M., Lacey, E. H., DeMarco, A. T., Snider, S. F., Friedman, R. B., Turkeltaub, P. E. (2020, October). *Orthographic Effects on Rhyme Judgment in Persons with Aphasia*. Platform presentation at the Academy of Aphasia, virtual conference.

van der Stelt, C. M., **Fama, M. E.**, Snider, S. F., Turkeltaub, P. E. (2020, October). *Rethinking Awareness Measurement in Aphasia: Intellectual Awareness of Naming Abilities*. Poster presentation at the Academy of Aphasia, virtual conference.

van der Stelt, C. M., **Fama, M. E.**, Snider, S. F., and Turkeltaub, P. E. (2020, May). *Intellectual Awareness of Naming Abilities in People with Aphasia*. Abstract accepted for poster presentation at the 50th annual Clinical Aphasiology Conference, Kohala Coast, HI (Conference canceled).

2019 **Fama, M. E.** & van der Stelt, C. M. (2019, November). *A Suggested Framework for Group Therapy for Aphasia During Inpatient Acute Rehabilitation*. 30-minute technical session at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.

Fama, M. E., Basilakos, A. A., Meier, E. L., and Pisegna, J. M. (2019, November). *Now What? Choosing Your Next Steps After Earning a PhD*. 1-hour panel seminar at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.

Fama, M. E. & van der Stelt, C. M. (2019, March). *Group-based speech therapy for aphasia in the acute stage of recovery*. 1-hour roundtable discussion at the Aphasia Access Leadership Summit, Baltimore, MD.

Fama, M. E. & Silverman, M. E. (2019, March). *Cultivating Relationships: Narrowing the Research-Practice Gap in Best Practices for Aphasia*. 1-hour roundtable discussion at the Aphasia Access Leadership Summit, Baltimore, MD.

Lacey, E. H., **Fama, M. E.**, van der Stelt, C. M., and Turkeltaub, P. E. (2019, March). *The BUILD study: Brain-based Understanding of Individual Language Differences after stroke*. Poster presentation at the Aphasia Access Leadership Summit, Baltimore, MD.

2018 **Fama, M. E.**, Henderson, M. P., Snider, S. F., Hayward, W., Friedman, R. B., and Turkeltaub, P. E. (2018, November). *Validating the subjective experience of inner speech in aphasia*. 1-hour oral seminar at the annual convention of the American Speech-Language-Hearing Association, Boston, MA.

Ghaleh, M., Lacey, E. H., **Fama, M. E.**, Anbari, Z., DeMarco, A. T., and Turkeltaub, P. E. (2018, October). *Task demands modulate the reliance of verbal working memory on motor vs. auditory systems: A multivariate lesion-mapping study*. Poster presentation at the 56th annual meeting of the Academy of Aphasia, Montreal, Québec, Canada.

Lacey, E. H., **Fama, M. E.**, Anbari Z., and Turkeltaub, P. E. (2018, August). *Left-lateralizing tDCS for aphasia: a randomized, double-blind, placebo-controlled clinical trial*. Poster presentation at the tenth annual meeting of the Society for Neurobiology of Language, Québec City, Québec, Canada.

Dickens, J. V., **Fama, M. E.**, DeMarco, A. T., Lacey, E. H., Friedman, R. B., and Turkeltaub, P. E. (2018, August). *Localization of dual stream contributions to sublexical and lexical-semantic reading: a multivariate lesion-symptom mapping study of left hemisphere stroke survivors*. Poster presentation at the tenth annual meeting of the Society for Neurobiology of Language, Québec City, Québec, Canada.

Fama, M. E., Henderson, M. P., Snider, S. F., Hayward, W., Friedman, R. B., and Turkeltaub, P. E. (2018, May). *Phonological retrieval is experienced as "inner speech" by individuals with aphasia*. Platform presentation at the 48th annual meeting of the Clinical Aphasiology Conference, Austin, TX.

2017 **Fama, M. E.**, Snider, S. F., Hayward, W., Friedman, R. B., and Turkeltaub, P. E. (2017, November). *Self-reported inner speech in aphasia is related to phonological retrieval*. Poster presentation at the 55th annual meeting of the Academy of Aphasia, Baltimore, MD.

Mandal, A. S., Skipper-Kallal, L. M., Xing, S., **Fama, M. E.**, Lacey, E. H., and Turkeltaub, P. E. (2017, November). *Successful Self-Monitoring of Speech Errors Depends on Frontal White Matter Tracts*. Oral presentation at the 55th annual meeting of the Academy of Aphasia, Baltimore, MD.

Schuler, K. D., **Fama, M. E.**, Turkeltaub, P. E., and Newport, E. L. (**Presenting author**). (2017, November). *The time-course of statistical learning in patients with left hemisphere stroke*. Poster presentation at the ninth annual meeting of the Society for Neurobiology of Language, Baltimore, MD.

2015 **Fama, M. E.**, Schuler, K., Spiegel, K. A., Lacey, E. H., Newport, E. L., and Turkeltaub, P. E. (2015, October). *The effects of healthy aging and left hemisphere stroke on statistical language learning*. Poster presentation at the seventh annual meeting of the Society for Neurobiology of Language, Chicago, IL.

Erickson, L. C., **Fama, M. E.**, Spiegel, K. A., Lacey, E. H., Skipper-Kallal, L. M., Xing, S., Rauschecker, J. P., and Turkeltaub, P. E. (2015, October). *Audiovisual speech perception and presence of the McGurk effect in left-hemisphere stroke and matched control participants*. Poster presentation at the 45th annual meeting of the Society for Neuroscience, Chicago, IL.

Skipper-Kallal, L. M., Lacey, E. H., Xing, S., Spiegel, K., **Fama, M. E.**, and Turkeltaub, P. E. (2015, October). *Connectivity between the inferior frontal lobes increases following left hemisphere stroke and is associated with worse naming performance*. Poster presentation at the 45th annual meeting of the Society for Neuroscience, Chicago, IL.

Xing, S., Lacey, E. H., Skipper-Kallal, L. M., **Fama, M. E.**, Spiegel, K., Turkeltaub, P. E. (2015, October). *White matter connectivity in ventral language pathway supports residual speech comprehension in chronic post-stroke aphasia*. Poster presentation at the 45th annual meeting of the Society for Neuroscience, Chicago, IL.

Ghaleh, M., Lacey, E., Spiegel, K., DeWitt, I., **Fama, M.**, and Turkeltaub, P. E. (2015, October). *Phonotactic awareness deficit following left-hemisphere stroke*. Poster presentation at the 53rd annual meeting of the Academy of Aphasia, Tucson, AZ.

Fama, M., Snider, S., Hayward, W., Friedman, R. and Turkeltaub, P. E. (2015, April). *"I know it but I can't say it": Using self report to understand the experience of inner speech in aphasia*. Poster presentation at the annual conference of the American Academy of Neurology, Washington, DC.

Hayward, W. **Fama, M. E.**, Sullivan, K. L., Snider, S. F., Lacey, E., Friedman, R. B., and Turkeltaub, P. E. (2015, April). *Self-report of correct inner speech predicts naming success, brain activity and treatment outcomes in people with aphasia*. Poster presentation at the annual conference of the American Academy of Neurology, Washington, DC.

Xing, S., Lacey, E. H., Skipper, L. M., Jiang, X., Fama, **M. E.**, and Turkeltaub, P. E. (2015, April). *White matter integrity predicts language deficits in chronic post-stroke aphasia*. Poster presentation at the annual conference of the American Academy of Neurology, Washington, DC.

2014 **Fama, M.**, Harrington, R., Lacey, E., Turkeltaub, P., and Harris-Love, M. (2014, November). *The role of non-invasive brain stimulation in understanding and improving language recovery after stroke*. Poster presentation at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.

Skipper, L. M., Lacey, E. H., Xing, S., Desko, A., **Fama, M.**, Jiang, X., and Turkeltaub, P. E. (2014, November). *Interhemispheric frontal resting connectivity increases in post-stroke aphasia and is associated with worse performance*. Poster presentation at the annual meeting of the American Society for Neurorehabilitation, Washington, DC.

Xing, S., Lacey, E. H., Skipper, L. M., Jiang, X., Fama, **M. E.**, and Turkeltaub, P. E. (2014, November). *The potential role of right supramarginal gyrus in language recovery in chronic post-stroke aphasia*. Poster presentation at the annual meeting of the American Society for Neurorehabilitation, Washington, DC.

Skipper, L. M., Lacey, E. H., Xing, S., Desko, A., **Fama, M.**, Jiang, X., and Turkeltaub, P. E. (2014, November). *Interhemispheric frontal resting connectivity increases in post-stroke aphasia and is associated with worse performance*. Nanosymposium at the 44th annual meeting of the Society for Neuroscience, Washington, DC.

Aguilar, B. L., **Fama, M.**, Malkova, L., Ullrich, L., Gale, K. and Forcelli, P. A. (2014, November). *A longitudinal study of attitudes and practices on authorship in a neuroscience graduate program*. Poster presentation at the 44th annual meeting of the Society for Neuroscience, Washington, DC.

Fama, M., Snider, S., Hayward, W., Friedman, R., and Turkeltaub, P. (2014, October). *"I know it but I can't say it": Clarifying the subjective experience of inner speech in aphasia*. Poster presentation at the 52nd annual meeting of the Academy of Aphasia, Miami, FL.

Hayward W., **Fama M. E.**, Sullivan K. L., Snider S. F., Lacey E. H., Friedman R. B., and Turkeltaub P.E. (2014, October). *Inner Speech in People with Aphasia*. Platform presentation at the 52nd annual meeting of the Academy of Aphasia, Miami, FL.

Turkeltaub, P., **Fama, M.**, Desko, A., Taylor, L., Hussey, L., Friedman, J., and Lacey, E. (2014, April). *Progress on a randomized trial of transcranial direct current stimulation for post-stroke aphasia*. Poster presentation at the Translational Science annual meeting, Washington, DC.

- 2013 **Fama, M.**, Lacey, E., Desko, A., Taylor, L., Hussey, L., and Turkeltaub, P. (2013, November). *Can enhancing left lateralization using transcranial direct current stimulation improve recovery from post-stroke aphasia?* Poster presentation at the NYC Neuromodulation Conference, New York City, NY.
- 2012 **Fama, M.**, Baron, C., Hatfield, B., and Turkeltaub, P. (2012, May). *Initiation of communication by persons with severe aphasia during group treatment*. Platform presentation at the Clinical Aphasiology Conference, Lake Tahoe, CA.
- 2011 **Fama, M.**, Baron, C., and Hatfield, B. (2011, November). *The examination of group treatment as a social context for acute aphasia recovery*. Poster presentation at the annual convention of the American Speech-Language and Hearing Association, San Diego, CA.
- 2009 Charity Hudley, A., Mallinson, C., and **Fama, M. (Presenting author)**. (2009, April). *Easing the burden of communication for African-American children receiving SLP services*. Presentation at the annual convention of the National Black Association of Speech, Language, and Hearing, Atlanta, GA.
- 2007 Charity, A., **Fama, M.**, and Askin, H. (2007, January). *Listener assessments of dialect use and academic success: An online survey*. Presentation for the teaching panel of the American Dialect Society at the annual convention of the Linguistics Society of America, Anaheim, CA.

Regional and Local Conferences

- 2023 *Schwartzman, S., *Metzler, E, and **Fama, M. E.** (2023, March). *Survey of stroke survivors' pandemic experiences in 2020 and 2021*. Abstract submitted for student poster presentation at the annual conference of the Speech-Language-Hearing Association of Virginia, Richmond, VA.
- 2017 **Fama, M. E.**, Snider, S. F., Hayward, W., Friedman, R. B., and Turkeltaub, P. E. (2017, October). *Self-reported inner speech in aphasia is related to phonological retrieval*. Oral presentation at the Georgetown University Medical Center Graduate Student Organization's annual Student Research Day, Washington, DC.
- 2015 **Fama, M. E.**, Schuler, K., Spiegel, K. A., Lacey, E. H., Newport, E. L., and Turkeltaub, P. E. (2015, October). *The effects of healthy aging and left hemisphere stroke on statistical language learning*. Oral presentation at the Georgetown University Medical Center Graduate Student Organization's annual Student Research Day, Washington, DC.
- 2013 **Fama, M.**, Taylor, L., Turkeltaub, P., and Lacey, E. (2013, February). *Using transcranial direct current stimulation (tDCS) to improve language recovery in post-stroke aphasia*. Presentation at the annual conference of the District of Columbia Speech and Hearing Association, Rockville, MD.

4. Invited Lectures

- 2022 **Fama, M. E.** Differential diagnosis of motor speech disorders: A refresher. Invited lecture for the weekly continuing education lecture series at the Ohio State University Wexner Medical Center, virtual, November 2022.
- Fama, M. E.**, Metzler., E.* , & Schwartzman, S.* Impacts of the COVID-19 pandemic on the SCC community. Invited lecture for the Community Connection Series at the Stroke Comeback Center, virtual, February 2022.
- 2021 **Fama, M. E.** The nature of inner speech in aphasia. Invited lecture for undergraduate-level *Nature of Language* course at the University of Pittsburgh, virtual, November 2021.
- 2019 **Fama, M. E.** Inner speech in aphasia. Invited lecture at the Aphasia Rehabilitation Research Laboratory (PI: Nadine Martin), Temple University, Philadelphia, PA, June 2019.
- Fama, M. E.** Relationships between inner speech and anomia in individuals with aphasia. Invited lecture for the weekly continuing education lecture series at MedStar National Rehabilitation Hospital, Washington, DC, March 2019.
- 2018 **Fama, M. E.** Differential diagnosis of motor speech disorders. Invited lecture for the weekly continuing education lecture series at MedStar National Rehabilitation Hospital, Washington, DC, November 2018.
- Fama, M. E.** The Subjective Experience of Inner Speech in Aphasia. One-hour lecture during the Medstar National Rehabilitation Hospital Stroke and Brain Injury Symposium, Washington, DC, June 2018.
- 2016 **Fama, M. E.** Careers in Language: Speech-language pathology and neuroscience. Lecture to undergraduate students in the linguistics department at the College of William and Mary, Williamsburg, VA, April 2016.

Fama, M. E. Treatment of Language Disorders. Lecture to graduate level speech-language pathology course at Gallaudet University, Washington, DC, April 2016.

2015 **Fama, M. E.** The effects of healthy aging and left hemisphere stroke on statistical language learning. One-hour talk presented for the weekly Plasticity meeting of the Center for Brain Plasticity and Recovery, Georgetown University and MedStar National Rehabilitation Network, Washington, DC, December 2015.

Fama, M. E. Treatment of Language Disorders. Lecture to graduate level speech-language pathology course at Gallaudet University, Washington, DC, April 2015.

Fama, M. E. Assessment of Language Disorders. Lecture to graduate level speech-language pathology course at Gallaudet University, Washington, DC, March 2015.

2011 **Fama, M. E.** Case study: Wernicke's aphasia. Lecture to graduate level speech-language pathology course at Gallaudet University, Washington, DC, March 2011.

2010 **Fama, M. E.** Case study: Broca's aphasia. Lecture to graduate level speech-language pathology course at Gallaudet University, Washington, DC, March 2010.

Fama, M. E. It all started with blinguistics... From linguist to SLP. Lecture to undergraduate level linguistics course at the College of William and Mary, Williamsburg, VA, March 2010.

2008 **Fama, M. E.** It all started with blinguistics... From linguist to SLP. Lecture to undergraduate level linguistics course at the College of William and Mary, Williamsburg, VA, October 2008.

TEACHING EXPERIENCE

The George Washington University

1. Graduate Courses

Applied Neurological Disorders I (SLHS 6240): *SP21, FA21, SP22, FA22, SP23; ~30 students*
Research in Communication Sciences (SLHS 6210): *SP21; co-taught, 55 students*

2. Master's Thesis Committees, Consultant

2022 – 2023 Alexandra Purdy. *Serving Speaking and Singing Voice Needs of Transmasculine^{PFAB} Individuals Using the Voice and Communication Situation Questionnaire for People Presumed Female at Birth (VCSQ^{PFAB})*.

3. Graduate Thesis Exploration, Advisor

Spring 2023 Suzanne Pfeffer. Research focus: Investigating the brain basis of inner speech using various neuroimaging techniques.

4. Graduate Independent Study, Advisor

Fall 2022 Mattie Bartels. Research focus: Using self-reported inner speech to predict treatment outcomes for naming deficits in aphasia.

5. Additional Teaching Training & Experience

Supervision of graduate and undergraduate research assistants (FA 2020 – present)

Towson University

1. Graduate Courses

Neurologically-Based Speech Disorders: *FA18, FA19, SUM20 (virtual)*; two sections, ~30 students each
Acquired Neurogenic Language and Cognitive Disorders: *SP19; SP20*; two sections, ~30 students each

2. Undergraduate courses

Neurological/Functional Disorders of Speech, Language, and Voice: *FA18, FA19*, ~60 students

3. Clinical Teaching

Clinical Practicum On-Campus: *SP19, FA19, SP20*; ~10 students

4. Master's Thesis Committees, Member

2018 – 2019 Emma Shipley. *Relationship between Tongue Strength and Non-Oral Physiological Measures: Interdisciplinary Implications for the Evaluation of Dysphagia.*

5. Undergraduate Independent Study, Advisor

Sum. 2019 Erin Lemonds. Research focus: Using thematic analysis to interpret interview data on the subjective experience of anomia.

6. Additional Teaching Training & Experience

Supervision of graduate and undergraduate research assistants (2019 – 2020)

Georgetown University

1. Additional Teaching Training & Experience

2015 – 2018 Apprenticeship in Teaching training through the Center for New Designs in Learning and Scholarship (CNDLS)

2015 – 2018 Supervision of undergraduate research assistants, Cognitive Recovery Lab

Spring 2016 Graduate teaching assistant for graduate-level neuroscience course (*Brain and Language*)

2014 – 2015 Two semesters of Teaching Practicum, serving as an instructor in a student-led recitation course for first year neuroscience PhD students

AWARDS & HONORS

April 2022 Lessons for Success; American Speech-Language-Hearing Association (ASHA) sponsored mentorship program (invited participant)

May 2020	Harold N. Glassman Dissertation Award in the Sciences; Graduate School of Arts and Sciences, Georgetown University
June 2019	Pathways: American Speech-Language-Hearing Association (ASHA) sponsored mentorship program (invited participant)
May 2018	Research Symposium in Clinical Aphasiology Fellowship; National Institute of Deafness and other Communication Disorders; 48 th annual meeting of the Clinical Aphasiology Conference
Mar. 2018	Nominated for the Dr. Karen Gale Exceptional PhD Student Award; Graduate School of Arts and Sciences, Georgetown University
Nov. 2017	Zofia Zukowska Award for Excellence in Thesis Research; Office of Biomedical Education, Georgetown University Medical Center
Oct. 2017	1 st place award for Oral Presentation at Student Research Day; Medical Center Graduate Student Organization, Georgetown University
June 2017	2017 Institutional Coca Cola Grand Prize Award; Office of Biomedical Graduate Education, Georgetown University Medical Center
Oct. 2015	New Century Scholars Predoctoral Scholarship; American Speech-Language-Hearing Foundation
Oct. 2015	2 nd place award for Oral Presentation at Student Research Day; Medical Center Graduate Student Organization, Georgetown University
Apr. 2015	2015 Institutional Coca Cola Award; Office of Biomedical Graduate Education, Georgetown University Medical Center
Sept. 2014	Student Scholar Award; 9 th Annual Eleanor M. Saffran Conference on Cognitive Neuroscience and Rehabilitation of Language Disorders, Temple University
Aug. 2007	Graduate Merit Fellowship; University of North Carolina – Chapel Hill

SERVICE

The George Washington University

1. College-Level Service

2021 – 2022 Faculty representative, GW Interprofessional Education Event for Health Professionals

2 Department-Level Service

2021 – 2022 Member, Diversity, Equity, & Inclusion Committee

Fall 2021 Graduate student advising (20 students)

2020 – 2022 Library Liaison for the Department of Speech, Language, and Hearing Sciences,

Towson University

1. College-Level Service

- Jan. 2020 Faculty representative, Towson University/University of Maryland – Baltimore Annual Interprofessional Education Event
- Summer 2019 Mentor, College of Health Professions Summer Undergraduate Research Institute
- 2018 – 2019 Member, Institute for Well-Being (IWB) Neuro Rehabilitation Services Programming Group

2. Department-Level Service

- 2019 – 2020 Member, SLP Master's Program Admissions Committee
- 2019 – 2020 Member, Ad-hoc Promotion, Tenure/Reappointment, & Merit (PTRM) Committee,
- 2019 – 2020 Leader, Faculty & Staff Appreciation Committee
- 2018 – 2019 Member, Faculty & Staff Appreciation Committee

Discipline/Professional Service

- 2022 – present Subject Matter Expert, ASHA's online Practice Portal, Topic: Aphasia
- 2021 – present Member, Professional Advisory Committee, Stroke Comeback Center
- 2015 – present Ad-hoc peer reviewer for the following journals: *Aphasiology*, *Journal of Speech, Language, and Hearing Research*, *Language, Cognition and Neuroscience*, *Journal of Communication Disorders*, *Journal of the International Neuropsychological Society*, *Brain and Language*
- 2020 – 2022 Member, Language Disorders in Adults Topic Committee; Annual convention of the American Speech-Language-Hearing Association
- 2016 – 2019 Mentor, American Speech-Language Hearing Association's "Student to Empowered Professional" (S.T.E.P.) Mentoring Program
- 2018 – 2019 Member, Local Planning Committee, Aphasia Access Leadership Summit (March 2019, Baltimore, MD)

COURSES ATTENDED

- July 2016 *Genetics and Neurobiology of Language*; Cold Spring Harbor Laboratory, Lloyd Harbor, NY (one week)
- July 2015 *Clinical and Translational Research Course for PhD Students*; National Institutes of Health, Bethesda, MD (two weeks)

PROFESSIONAL MEMBERSHIPS, LICENSURE, AND CERTIFICATION

2022 – present	Membership; Academy of Aphasia
2018 – present	Membership; Aphasia Access
2018 – present	Licensure in Speech-Language Pathology; Maryland Department of Health
2017 – present	Licensure in Speech-Language Pathology; Virginia Department of Health Professions
2010 – present	Licensure in Speech-Language Pathology; District of Columbia Department of Health
2010 – present	Certificate of Clinical Competence in Speech-Language Pathology
2009 – present	Membership; American Speech-Language Hearing Association <i>ASHA Special Interest Group 2: Neurophysiology and Neurogenic Speech and Language Disorders</i> , 2015 – present