

**Alexander Swiderski**  
| aswiderski@pitt.edu

**EDUCATION**

- Ph.D. In progress Communication Sciences and Disorders, University of Pittsburgh  
& The Center for Neural Basis of Cognition, Carnegie Mellon University;  
Advisors: Dr. William D. Hula CCC-SLP & Dr. Michael Walsh-Dickey
- M.S. 2016 Speech and Language Pathology, Portland State University
- B.S. 2014 Speech, Language and Hearing Sciences, The University of Arizona
- B.A. 2010 Media Arts, The University of Arizona

**EMPLOYMENT**

- 2018 – Present Graduate Student Researcher, VA Pittsburgh Healthcare System
- 2016 – 2017 Clinical Fellow, Speech Pathology, Veterans Affairs Portland  
Healthcare System, Portland, Oregon
- 2014 – 2016 Research Associate, Portland State University, Aging and Adult Language  
Disorders Laboratory, Department of Speech and Hearing Sciences, Portland,  
OR
- 2015 – 2016 Teaching Assistant, Portland State University, Department of Speech and  
Hearing Sciences, Portland, OR

**MANUSCRIPTS**

- Fergadiotis, G., Hula, W., Casilio, M., **Swiderski, A. M.** (2021) Computer adaptive testing for the assessment of anomia severity. *Journal of Speech Language and Hearing Research*.
- Hula, W.D., Fergadiotis, G., **Swiderski, A. M.**, Kellough, S. (2020). Investigating alternate forms of confrontation naming assessments for aphasia using computer adaptive testing. *Journal of Speech Language and Hearing Research*.
- Fergadiotis, G., Hula, W., **Swiderski, A. M.**, Lei, C., Kellough, S. (2019). Enhancing the efficiency of confrontation naming assessment for aphasia using computer adaptive testing. *Journal of Speech Language and Hearing Research*.
- Fergadiotis, G., **Swiderski, A. M.**, & Hula, W. D. (2018). Predicting confrontation naming item difficulty. *Aphasiology*, 1-21.

**MANUSCRIPTS SUBMITTED**

**Swiderski, A. M.**, Quique, Y., Walsh-Dickey, M., Hula, W.D. A meta-analysis of treatment and person-level predictors and their influence in patient response to treatment of underlying forms. *Journal of Speech Language and Hearing Research*.

#### MANUSCRIPTS IN PREPERATION

**Swiderski, A. M.**, Hula, W.D., Fergadiotis, G. (In preparation). Reliability of aphasic naming error profiles derived from computer adaptive testing. *Journal of Speech Language and Hearing Research*.

#### CONFERENCE PROCEEDINGS:

Swiderski A, Dresang H, Hula W, Dickey M, Yeh F, Fernandez-Miranda J, Doyle P. Structural fragmentation of linguistic brain networks predicts aphasia severity, but not response to treatment. *Frontiers in Human Neuroscience*. 13. DOI: 10.3389/conf.fnhum.2019.01.00116

Quique, Y., **Swiderski, A. M.**, Hula, W. D., & Walsh-Dickey, M. (2018). *Meta-analysis of treatment of underlying forms: dosage-related and person-level predictors of acquisition and generalization response*. *Frontiers in Human Neuroscience*. <https://doi.org/10.3389/conf.fnhum.2018.228.00004>

#### RESEARCH PRESENTATIONS AT PROFESSIONAL MEETINGS

##### National

**Swiderski, A. M.**, & Hula W., Fergadiotis, G. (2019). Reliability of aphasic naming error profiles derived from computer adaptive. *Poster presented at the Clinical Aphasiology Conference*; Whitefish, Mo.

**Swiderski, A. M.**, Gravier, M., Walsh-Dickey, M., Fergadiotis, G., Hula., W.D. (2018) Confrontation naming performance using item response theory. *Poster presented at the Clinical Aphasiology Conference*; Austin, Tx.

**Swiderski, A. M.**, Hula, W.D. (2018) Test-retest reliability of a cognitive psychometric model for assessment of picture naming in aphasia. *Poster presented at the Eleanor M Saffran Cognitive Neuroscience of Language Conference*; Philadelphia, Pa.

Fergadiotis, G., Hula, W.D., **Swiderski, A. M.**, (2018). A computer adaptive anomia test for repeated measures. *Poster presented at the Clinical Aphasiology Conference*; Austin Tx.

Holmes, S., Weerts, L., **Swiderski, A. M.**, Fergadiotis, G., Hula, W. (2017). Validation of alternate short forms of the Philadelphia Naming Test using item response theory. *Presentation presented at the American Speech Language Hearing Association Annual*

*Convention, Las Angeles, CA.*

**Swiderski, A. M.,** Fergadiotis, G., & Hula W. (2017). Enhancing the efficiency of confrontation naming tests. *Poster presented at the American Speech Language Hearing Association Annual Convention, Las Angeles, CA.*

Fergadiotis, G., Hula, W., **Swiderski, A. M.,** (2016). Item difficulty modeling of confrontation naming tests. *Platform presentation at the Clinical Aphasiology Conference; Charlottesville, VA.*

**Swiderski, A. M.,** Fergadiotis, G., & Hula W. (2016). Predicting item difficulty of confrontation naming tests within an item response theory framework. *Poster presented at the Clinical Aphasiology Conference; Charlottesville, VA.*

**Swiderski, A. M.,** Fergadiotis, G., & Hula, D. W. (2015). A regression analysis of psycholinguistic variables and item difficulty parameters of the Philadelphia Naming Test. *Poster presented at the American Speech Language Hearing Association Annual Convention; Denver, CO.*

#### **State**

**Swiderski, A. M.,** Hula W., & Fergadiotis, G. (2019). An assessment of the reliability of aphasic error profiles acquired with short form computer adaptive tests. *Poster presented at the Veteran's Affairs Young Research Investigator Conference; Pittsburgh, PA*

**Swiderski, A. M.,** Hula W., & Fergadiotis, G. (2018). Exploring the efficiency of computer adaptative picture naming tests. *Poster presented at the Veteran's Affairs Young Research Investigator Conference; Pittsburgh, PA*

Stills, M., Kapantzoglou, M., **Swiderski, A. M.,** Fergadiotis, G. (2016). Validity evidence for five lexical diversity measures based on spanish language samples. *Poster presented at Oregon Speech and Hearing Association; Portland, OR.*

**Swiderski, A. M.,** & Fergadiotis, G. (2015). A regression analysis of psycholinguistic variables and item difficulty parameters of the Philadelphia Naming Test. *Poster presented at Oregon Speech and Hearing Association; Portland, OR.*

#### **Invited Presentations:**

**Swiderski, A. M.,** Hula, W., Fergadiotis, G. (2018). Validation of Short Form Computer

Adaptive Naming Tests. *Platform presentation presented at South West Pittsburgh Speech and Hearing Association annual ASHA revisited Conference. Pittsburgh, PA*

## FELLOWSHIPS & GRANTS

### Fellowships & Scholarships

- 2019 – NIH Brain Initiative in Computational Neuroscience. Award recipients receive extensive interdisciplinary research training in computational neuroscience.
- 2018 – NIDCD Saffran Student Scholar Award
- 2016 – NIDCD New Investigator Fellowship: Research Symposium in Clinical Aphasiology, 46<sup>th</sup> Clinical Aphasiology Conference
- 2015 – Recipient, *Students Preparing for Academic-Research Careers* (SPARC), sponsored by the American Speech, Language, Hearing Association. Award to foster students' interest in PhD education and academic research careers, in support of the Ph.D. pipeline in communication sciences and disorders. Mentor: Gerasimos Fergadiotis.
- 2015 – Academy of Neurogenic Communication Disorders and Sciences Student Fellowship, ANCDs Annual Conference, Denver, Colorado.

### Reviewer:

2010-Present: Journal of Speech Language and Hearing Research

### Travel Grants

- 2019 – Semantic Compactions Travel Award, University of Pittsburgh, Award: \$150.00
- 2018 – Semantic Compactions Travel Award, University of Pittsburgh, Award: \$750.00
- 2015 – Student Travel Program, Portland State University, Award: \$250.00

## OTHER TEACHING MENTORING AND CURRICULAR ACHIEVEMENTS

### A. Teaching Assistant

#### Portland State University

- 2016 – SPHR 465: Introduction to Research Methods for Clinical Scientists
- 2016 – SPHR 560: Research Methods in Comm. Sciences and Disorders
- 2015 – SPHR 495: Organic Communication Disorders
- 2015 – SPHR 563: Adult Language Disorders

### B. Awards

#### Portland State University

- 2016 – Graduate Student Research Award
- 2016 – State University Student Achievement award
- 2015 – Meritorious Poster Award, American Speech-Language-Hearing Association Annual Convention

### C. Memberships in Professional Societies

- 2018 – Present: Society for the Neurobiology of Language

- 2017 – Present: American Speech and Hearing Association
- 2015 – Present: Academy of Neurologic Communication Disorders and Sciences
- 2015 – Present: Special Interest Group #2: Neurophysiology & Neurogenic Speech & Language Disorders. American Speech-Language-Hearing Association
- 2015 – Present: Oregon Speech and Hearing Association
- 2012 – 2017: National Student Speech Language and Hearing Association

**D. Mentorship**

- 2018 – Present: Statistics Advisor: Honors Academic Theses at the University of Pittsburgh