

Victoria A. Diedrichs

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Professional Appointments

2025-Present Assistant Professor, Department of Communicative Sciences and Disorders
Michigan State University; East Lansing, MI

2023-2025 Post-doctoral Research Fellow, Advanced Rehabilitation Research Training
NIDILRR, 90ARHF0007
PI: Leora Cherney, Ph.D., CCC-SLP
Northwestern University & Shirley Ryan AbilityLab; Chicago, IL

Education

2023 Ph.D., Speech and Hearing Science | The Ohio State University; Columbus, OH
Dissertation: Semantics and phonology in the brains of older adults with and without aphasia

2015 M.A., Speech, Language, and Hearing | Temple University; Philadelphia, PA
Thesis: Leveraging pupillometry and luminance-based mental imagery for a novel mode of communication

2011 B.A., Spanish and Neuroscience | Grinnell College; Grinnell, IA
Mentored Advanced Project: Patterns of termination from the basolateral amygdala to the orbitofrontal cortex

Grant and Funding Activity

Funded

2024-Present Foundational 1 Catalyst Grant

Project: Test-retest reliability of fNIRS in people with aphasia

Role: PI, **Direct Costs:** \$15,000

Shirley Ryan AbilityLab; Chicago, IL

2021-2023 NIH-NCATS, TL1 Center for Clinical and Translational Science

Project: Neural compensation in the language network

Role: Predoctoral trainee; **PI:** Ginny Bumgardner, M.D., Ph.D. (TL1TR002735)

Mentors: Stacy M. Harnish, David E. Osher, and Jennifer Brello

Direct Costs: \$6,600

The Ohio State University; Columbus, OH

2020 Alumni Grant for Graduate Research and Scholarship

Role: PI, **Direct Costs:** \$3,540

The Ohio State University; Columbus, OH

Unfunded

2024

New Investigators Research Grant

Project: Test-retest reliability of fNIRS in people with aphasia

Role: PI, **Direct Costs:** \$10,000

American Speech-Language Hearing Foundation

Research and Creative Works

Peer-Reviewed Journal Articles

1. **Diedrichs, V.A.**, Osher, D.E., *Harnish, S.M., & *Meier, E.L. (2026). Semantic and phonological brain networks in older adults: A systematic scoping review. *Brain Sciences*, 16(3), 252. <https://doi.org/10.3390/brainsci16030252> *Co-senior authors.
2. Jewell, C.C., **Diedrichs, V.A.**, Blackett, D.S., Durfee, A.Z., & Harnish, S.M. (2025). Comparative effectiveness of in-person and virtual picture naming treatment for post-stroke anomia. *American Journal of Speech-Language Pathology*, 34(1), 218-230. https://doi.org/10.1044/2024_AJSLP-24-00172
3. **Diedrichs, V.A.**, Lundine, J.P., Blackett, D.S., Durfee, A.Z., Pan, X.J., & Harnish, S.M. (2023). A randomized crossover single-case series comparing blocked versus random treatment for anomia. *Neuropsychological Rehabilitation*, 33(5), 821-848. <https://doi.org/10.1080/09602011.2022.2050411>
4. Harnish, S.M., **Diedrichs, V.A.**, & Bartlett, C.W. (2023). Early considerations of genetics in aphasia rehabilitation: A narrative review. *Aphasiology*, 37(6), 835-853. <https://dx.doi.org/10.1080/02687038.2022.2043234>
5. **Diedrichs, V.A.**, Jewell, C.C., & Harnish, S.M. (2022). A scoping review of the relationship between nonlinguistic cognitive factors and aphasia treatment response. *Topics in Language Disorders*, 42(3), 212–235. <https://doi.org/10.1097/TLD.0000000000000290>

Manuscripts Under Review

1. Cherney, L.R., **Diedrichs, V.A.**, Kinsey, L.E., & Quique, Y.M. (2026). A dose-controlled script-training treatment for aphasia: A cross-sectional randomized clinical trial. [Manuscript under review].
2. Jewell, C.C., **Diedrichs, V.A.**, Pan, X.J., & Harnish, S.M. (2026). Changes in acute stress over the course of a picture naming treatment for people with post-stroke aphasia. [Manuscript under review].

Manuscripts in Preparation

1. **Diedrichs, V.A.**, Pan, X.J., Stark, B.C., Fridriksson, J., den Ouden, D., Rorden, C., Newman-Norlund, R., *Osher, D.E., & *Harnish, S.M. (2026). Semantics, phonology, and the right hemisphere resting-state functional connectivity of stroke survivors with aphasia. [Manuscript in preparation]. *Co-senior authors.

2. *Blackett, D.S., ***Diedrichs, V.A.**, Durfee, A.Z., & Harnish, S.M. (2026). The association between nonverbal fluency and anomia treatment outcomes in people with post-stroke aphasia. [Manuscript in preparation]. *These authors contributed equally to this work.

Refereed Conference Presentations *The first author is the presenting author, except where indicated.*

1. ***Diedrichs, V.A.**, *Braun, E.J., Kinsey, L.E., Quique, Y.M., & Cherney, L.R. (2025, November 20-22). *Measuring dose in aphasia treatment: Lessons learned and clinical implications from script-training* [Platform presentation]. Annual Convention of the American Speech-Language-Hearing Association, Washington, DC. *Presenting authors, who contributed equally to this work.
2. Houldin, E., ***Diedrichs, V.A.**, Prisco, C., Hurwitz, R., & Cherney, L.R. (2025, November 20-22). *Brain activation during Oral Reading for Language in Aphasia using fNIRS* [Poster session]. Annual Convention of the American Speech-Language-Hearing Association, Washington, DC. *Presenting author.
3. Jewell, C.C., **Diedrichs, V.A.**, Freitag, N.G., & Harnish, S.M. (2025, May 27-31). *Interaction effects of verbal short-term memory and morphemes in predicting definition naming accuracy in people with aphasia* [Poster session]. Clinical Aphasiology Conference, Albuquerque, NM.
4. Jewell, C.C., **Diedrichs, V.A.**, Blackett, D.S., Durfee, A.Z., & Harnish, S.M. (2024, July 1-3). *Efficacy of telerehabilitation for anomia in people with aphasia* [Platform presentation]. International Aphasia Rehabilitation Conference, Brisbane, Australia.
5. Jewell, C.C., **Diedrichs, V.A.**, Pan, X.J., & Harnish, S.M. (2024, May 28-June 1). *Changes in acute stress over the course of a picture naming treatment for people with post-stroke aphasia* [Poster session]. Clinical Aphasiology Conference, Waikoloa Beach, HI.
6. **Diedrichs, V.A.**, Meier, E.L., Osher, D.E., & Harnish, S.M. (2023, October 24-26). *Semantic and phonological networks in older adults: A systematic scoping review* [Poster session]. Society for the Neurobiology of Language Annual Meeting, Marseille, France.
7. **Diedrichs, V.A.**, Osher, D.E., Fridriksson, J., den Ouden, D., Rorden, C., Newman-Norlund, R., & Harnish, S.M. (2023, May 30-June 3). *Semantics, phonology, and resting-state connectivity in aphasia* [Poster session]. Clinical Aphasiology Conference, Atlantic City, NJ.
8. *Jewell, C.C., ***Diedrichs, V.A.**, Pompon, R.H. & Harnish, S.M. (2023, March 31). *Exploring resilience and naming treatment outcomes in people with aphasia*. [Poster session]. Buckeye Language Network Symposium, Columbus, OH. *Presenting authors.
9. **Diedrichs, V.A.**, Osher, D.E., & Harnish, S.M. (2022, December 8). *The left inferior frontal gyrus and language in healthy adults and post-stroke aphasia* [Poster session]. The Center for Cognitive and Behavioral Brain Imaging Research Day, The Ohio State University, Columbus, OH.
10. Timog, J., **Diedrichs, V.A.**, Osher, D.E., & Harnish, S.M. (2022, December 8). *Lesion symptom mapping of semantics and phonology in people with aphasia* [Poster session]. The Center for Cognitive and Behavioral Brain Imaging Research Day, The Ohio State University, Columbus, OH.
11. Jewell, C.C., **Diedrichs, V.A.**, Pompon, R.H. & Harnish, S.M. (2022, November 17-19). *Resilience: A missing piece to aphasia recovery?* [Poster session]. Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.

12. **Diedrichs, V.A.**, Osher, D.E., & Harnish, S.M. (2022, October 23-25). *The inferior frontal gyrus and resting state connectivity in aphasia* [Poster session]. Academy of Aphasia Annual Meeting, Philadelphia, PA.
13. **Diedrichs, V.A.**, Osher, D.E., Fridriksson, J., den Ouden, D., Rorden, C., Newman-Norlund, R., & Harnish, S.M. (2022, May 17-21). *The inferior frontal gyrus and its role in the resting state connectivity of individuals with aphasia* [Poster session]. Clinical Aphasiology Conference, Wrightsville Beach, NC.
14. Baker, B., **Diedrichs, V.A.**, Cohen, T.A., Timog, J., & Harnish, S.M. (2022, May 17-21). *An analysis of virtual therapy efficacy for anomia treatment* [Poster session]. Clinical Aphasiology Conference, Wrightsville Beach, NC.
15. **Diedrichs, V.A.**, Osher, D.E., & Harnish, S.M. (2022, April 20-22). *Resting state fMRI connectivity in individuals with aphasia and the role of the inferior frontal gyrus* [Poster session]. Translational Science, Chicago, IL.
16. **Diedrichs, V.A.**, Pierson, C., & Kalmar, E. (2021, November 18-20). *Crash course in speech and language white matter association tracts: Dissecting beyond the arcuate fasciculus* [Poster session]. Annual Convention of the American Speech-Language-Hearing Association, Washington, DC.
17. **Diedrichs, V.A.**, Osher, D.E., & Harnish, S.M. (2021, September 10-11). *Neural compensation in the language network: Preliminary data* [Poster session]. 15th Annual Eleanor M. Saffran Conference, Philadelphia, PA.
18. **Diedrichs, V.A.**, Kalmar, E., & Pierson, C. (2020, November 19-21). Proposal 12711: *A crash course in language-related white matter tracts: Dissecting beyond the arcuate fasciculus*. [Poster session]. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).
19. *Durfee, A.Z., Blackett, D.S., ***Diedrichs, V.A.**, Newport, M., & Harnish, S.M. (2019, November 21-23). *Using verification tasks to understand the language network and language abilities in chronic post-stroke aphasia* [Poster session]. Annual Convention of the American Speech-Language and Hearing Association, Orlando, FL. *Presenting authors.
20. *Segal, L., *Christie, M., *Elias, E., ***Diedrichs, V.A.**, Levine, B., Hunter, Z., & Addis, A. (2016, November 17-19). *Caregiver consultation & training in international service delivery* [Poster session with **meritorious recognition**]. Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA. *Presenting authors.
21. *Brophy, E. & ***Diedrichs, V.A.** (2016, November 17-19). *Readability measures of web-based content for adults* [Poster session]. Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA. *Presenting authors.
22. Hart, J., **Diedrichs, V.A.**, & Reilly, J. (2016, April 1). *Luminance-based mental imagery and pupillometry as a novel mode of communication* [Poster session]. Temple University College of Public Health Research Day, Philadelphia, PA.

Teaching Experience

Michigan State University; East Lansing, MI
2025 **Instructor**

CSD 813: Neuroanatomy and Neurophysiology of Speech, Language, and Hearing
(graduate)

The Ohio State University; Columbus, OH

- 2019-2022** **Guest Lecturer:** Screening & Assessment of Dementia
SPHHRNG 6761: Cognitive Communication Disorders (graduate)
- 2019-2020** **Instructor**
SPHHRNG 4420D: Anatomy, Physiology, & Science of Speech (undergraduate)
- 2020** **Guest Lecturer:** Analyzing Communication in Aphasia
SPHHRNG 4430: Introduction to Language Science & Disorders (undergraduate)
- 2019** **Guest Lecturer:** Neurolinguistics, Brain Maturation, & Information Processing
SPHHRNG 3330/H: Language Acquisition (undergraduate)
- 2018-2019** **Graduate Teaching Associate**
SPHHRNG 3330/H: Language Acquisition (undergraduate)
- 2018-2019** **Guest Facilitator:** Informal Assessment of Aphasia
SPHHRNG 6762: Language Disorders in Adults (graduate)

Camden's Promise Charter School; Camden, NJ

- 2011-2013** **8th Grade Science Teacher**, Teach for America

Professional Experience

- 2019-2023** **Role: Laboratory Manager**, The OSU Aphasia Laboratory
PI: Stacy M. Harnish, Ph.D., CCC-SLP
The Ohio State University; Columbus, OH
- 2017-2020** **Speech-Language Pathologist & Guest Clinical Supervisor**
OhioHealth Rehabilitation Hospital; Columbus, OH
- 2016-2017** **Speech-Language Pathology Clinical Fellow**
Aspen Therapy at Bryden Place and Forest Hills Center; Columbus, OH
- 2016** **Speech-Language Pathology Clinical Fellow**
Renaissance Healthcare and Rehabilitation Center; Philadelphia, PA

Academic Service

To the Department

Communicative Sciences and Disorders, Michigan State University; East Lansing, MI

- **2025-Present** Co-chair of Graduate Student Advisory Committee
- **2025-Present** Member of Undergraduate Curriculum Committee

Think & Speak Lab, Shirley Ryan AbilityLab; Chicago, IL

- **2023-2025** Member of SLP Cultural Diversity, Inclusion, and Anti-Racism Task Force

To the Profession

Ad-hoc Peer Reviewer

- **2025-Present** *Journal of Speech, Language, and Hearing Research*
- **2024** *FACETS*
- **2023-Present** *American Journal of Speech-Language Pathology*
- **2023** *Journal of Communication Disorders*

Mentoring Activities

- **2025** ASHA Research Symposium RMPTA mentor
Natalie Freitag (The Ohio State University)
- **2025** ASHA SPARC mentorship meeting
Ellie Walker (University of Maine)

Outreach & Community Engagement

- 2025** SRALab Aphasia Day volunteer & *Smartphone Technology* workshop facilitator
- 2025** SRALab Rehab Week Open House, Center for Aphasia Research & Treatment
- 2023** Organizer and speaker, OSU Aphasia Initiative Summer Research Series
- 2023** Science n' Suds speaker: *Precision Medicine for Aphasia*
- 2022** "Ask an SLP" panelist for OSU Speech and Hearing Science undergraduates
- 2019** Cognitive screening supervisor at the OSU Healthy Community Day
- 2019** SLP-Graduate Organization Ohio Statehouse Advocacy Day representative
- 2018-2020** SLP & Graduate Student Experiences panelist for OSU undergraduate course
- 2017-2018** OhioHealth Rehabilitation Hospital presentations:
 - All staff Skills Day: *Behavior Management Techniques*
 - *De-Escalation Techniques for Emergency Medical Services Personnel*
 - Physical therapy Neuro-Residency: *TBI Recovery in Inpatient Rehabilitation*
 - Monthly new employee orientation: *Agitated Behavior Scale Documentation*
 - SLP in-service: *Post-Concussive Symptom Management*
- 2016** Hearts in Motion SLP service-learning program in Guatemala
- 2015** Co-founder, Temple University Bilingual and Multicultural Speech-Language Club
- 2014** MA program panelist for Temple University's NSSLHA

Professional Development

- 2025-2026** Article Peer-Reviewer Training Program protégé; ASHA
- 2025** NIRS Toolbox Summer Workshop, Dr. Theodore Huppert; University of Pittsburgh
- 2025** Lessons for Success grant writing program protégé; ASHA
- 2023-2024** Pathways mentoring program protégé; ASHA
- 2022-2023** Mentoring Academic Research Careers (MARC) mentee; ASHA

Scholarships & Awards

- 2024-Present** Clinical Research Loan Repayment Program; NIH-NIDCD 1L30DC022110-01
- 2023** Clinical Aphasiology Conference Travel Fellowship; NIH-NIDCD R13DC006295-19
- 2022** New Century Scholars Doctoral Scholarship; ASHFoundation
- 2022** Academy of Aphasia Travel Fellowship; NIH-NIDCD R13DC017375-05
- 2022** Clinical Aphasiology Conference Travel Fellowship; NIH-NIDCD R13DC006295-18

2021 Eleanor M. Saffran Conference Student Scholar Award; Temple University
2013 Segal AmeriCorps Education Award; Teach For America
2010 Dennis Perri Junior Award; Grinnell College Spanish Department
2010 Summer Internship Grant; Grinnell College Center for Careers, Life, and Service
2010-2011 Science and Mathematics Access to Retain Talent Grant; Grinnell College
2007-2011 Trustee Honor Scholarship; Grinnell College
2007-2011 Conney Kimbo Scholarship; Grinnell College
2007-2011 Grinnell Grant; Grinnell College
2007-2011 Federal Pell Grant; Grinnell College
2007-2009 Federal Academic Competitiveness Grant; Grinnell College

Professional Affiliations

2024-Present Aphasia Access
2023-2024 Society for the Neurobiology of Language (#4910)
2022-2023 Academy of Aphasia
2021-2022 Association for Clinical and Translational Science (#93078)
2020-Present ASHA Special Interest Group 2: Neurogenic Communication Disorders
2018-2021 Certified Brain Injury Specialist (#19776)
2016-Present Ohio Board of Speech-Language Pathology and Audiology (SP.12402)
2016-Present American Speech-Language and Hearing Association (CCC-SLP, 14091509)