

Olivia Vruwink, MS CCC-SLP

Email: vruwi005@umn.edu

Education

PhD, University of Minnesota <i>Speech-Language-Hearing Sciences</i>	Expected May 2027
MS, Minnesota State University, Mankato <i>Communication Disorders</i>	2019
BS, University of Wisconsin-Eau Claire <i>Communication Sciences & Disorders</i> <i>Latin American Studies</i>	2017

Clinical Experience

Speech-Language Pathologist, St. Francis Area Schools	2020-2022
Speech-Language Pathologist, Black River Falls School District	2019-2020

Research Experience

Doctoral Student Researcher Trajectories after Brain Injury Lab: University of Minnesota PI & Advisor: Natalie Covington, PhD CCC-SLP	2022-Present
Graduate Student Researcher Rec N' Read: Minnesota State University, Mankato Advisor: Megan Mahowald, PhD CCC-SLP	2017-2018
Undergraduate Student Researcher Scholarship of Teaching & Learning Lab: UW-Eau Claire Advisor: Jerry Hoepner, PhD CCC-SLP	2016-2017

Research & Scholarly Contributions

Peer Reviewed Publications

- Kemp, A. M., **Vruwink, O.**, & O'Brien, K. H. (2025). Finding a "NEW VOICE to tell my story" through the Unmasking Brain Injury project: a mixed-method analysis of wellness after brain injury. *Disability and Rehabilitation*.
- Covington, N. V., **Vruwink, O.**, & Radomski, M. V. (2025) Purpose in Life after Brain Injury: Expanding the Focus and Impact of Interdisciplinary Rehabilitation. *American Journal of Speech-Language Pathology*.
- Covington, N. V. & **Vruwink, O.** (2024). Potential Impacts of ChatGPT in Undergraduate Education: Performance of GPT-3.5 and Identification of AI-Generated Text in Introductory Neuroscience. *International Journal of Artificial Intelligence in Education*.
- Arzbecker, L. J., Blacklock, E. A., Crumb, A. M., Doyle, J. D., Esveld, M., Grelson, S. L., Gretzinger, B., Korpela, A., Kressin, K. A., Pakanich, L. M., Pulley, T. L., Nolte Rierdon, N. L., Spreitzer, K. A., Steines, E. L., Strom, B. J., Symons, E. C., Vogelsang, M., **Vruwink, O. N.**, Weberg, K. L., ... Elledge, D. H. (2018). SoTL Lab: Undergraduate student-faculty collaborative research in teaching and learning in CSD. *Teaching and Learning in Communication Sciences & Disorders*, 2(2).

Refereed Presentations

- Vruwink, O.** & Covington, N. V. (September 2024). *Going Beyond “Return to Baseline”: Perspectives on Recovery After Traumatic Brain Injury from Patients & Their Care Partners* [Poster]. Eleanor M. Saffran Conference on Cognitive Neuroscience & Rehabilitation of Communication Disorders – Philadelphia, PA.
- Kemp, A. M., **Vruwink, O.**, Gregory, S. K., & O’Brien, K. H. (April 2024). *Art as a tool for supporting wellness after acquired brain injury*. [Oral Presentation]. Brain Injury Professional Conference, Brooklyn Center, MN.
- Covington, N. V., **Vruwink, O.**, & Radomski, M. (January 2024) *Purpose in Daily Life: An Interdisciplinary Proposal for Promoting Flourishing after Brain Injury* [Panel]. International Cognitive-Communication Disorders Conference (ICCDC) – Orange, CA.
- Kemp, A. M., **Vruwink, O.**, & O’Brien, K. H. (November 2023). *Using Storytelling to Reflect on Experiences with Acquired Brain Injury: The Unmasking Project* [Poster]. American Congress of Rehabilitation Medicine (ACRM) Conference – Atlanta, GA.
- Vruwink, O.**, Grabowski, A., McCurdy, R., Duff, M. C., & Covington, N. V. (November 2023) *Measuring What Matters: Converging and Diverging Perspectives of Clinicians and Adults with TBI* [Poster]. American Speech-Language-Hearing Association (ASHA) Convention – Boston, MA.
- Covington, N. V. & **Vruwink, O.** (November 2023) *Large Language Models in Higher Education: Performance of ChatGPT in Undergraduate Neuroscience* [1-hour seminar]. American Speech-Language-Hearing Association (ASHA) Convention – Boston, MA.
- Kemp, A. M., **Vruwink, O.**, & O’Brien, K. H. (November 2023). *The Story of Acquired Brain Injury: A Mixed-Method Analysis of Autobiographical Narratives from ABI Survivors* [30-minute technical research session]. American Speech-Language-Hearing Association (ASHA) Convention – Boston, MA.
- Covington, N. V. & **Vruwink, O.** (November 2022). *Preparation for Careers Beyond the Clinic: Maximizing the Value of CSD Coursework for All Undergraduates* [Poster]. American Speech-Language-Hearing Association (ASHA) Convention – New Orleans, LA.
- Mahowald, M. C., Krenik, E., **Vruwink, O.**, Spicer, B., & Burk, B. (November 2018). *Camp Maverick: An Interprofessional Collaboration to Improve Literacy & Wellbeing among Youth* [Poster]. American Speech-Language-Hearing Association (ASHA) Convention – Boston, MA.
- Hoepner, J. K., Hemmerich, A. L., Elledge, D., Zigler, E., Grelson, S., **Vruwink, O.**, Strom, B., Nolte Rierdon, N., Doyle, J., & Wolosek, A., (November 2017). *What are the Active Ingredients in Your Teaching Toolbox?* [1-hour seminar]. American Speech-Language-Hearing Association (ASHA) Convention – Los Angeles, CA.

Presentations (Accepted)

- Vruwink, O.** & Covington, N. V. (March 2025). *Relationships between Healthcare Utilization Preferences and Hypothetical Rehabilitation Treatment Decisions: Implications for Patient Education* [Poster]. International Brain Injury Association World Congress – Montreal, Quebec, Canada.
- Vruwink, O.**, McCurdy, R., Walsh, K., Duff, M. C., & Covington, N. V. (March 2025). *Expected Outcomes*

of Traumatic Brain Injury Rehabilitation: Insights and Perspectives from Care Partners [Poster]. International Brain Injury Association World Congress – Montreal, Quebec, Canada.

Covington, N. V., **Vruwink, O.**, Schaefer, W., Demmers, N., & Kocian, A. (March 2025). *Personalized Cognitive Rehabilitation: Preliminary Results of a Proof-of-Concept Study* [Poster]. International Brain Injury Association World Congress – Montreal, Quebec, Canada.

Kemp, A. M., **Vruwink, O.**, Callahan, B., Rawls, E., & O'Brien, K. H. (March 2025). *Towards Wellness in Acquired Brain Injury Through Storytelling: The Unmasking Brain Injury Project* [Poster]. International Brain Injury Association World Congress – Montreal, Quebec, Canada.

Rawls, E., Gregory, S. K., **Vruwink, O.**, Callahan, B., O'Brien, K. H., & Kemp, A. M. (March 2025). *Unmasking Brain Injury: Using Art to Navigate Emotional Experiences in Acquired Brain Injury* [Poster]. International Brain Injury Association World Congress – Montreal, Quebec, Canada.

Covington, N. V., Radomski, M. V., Castro-Pearson, S., Canavati, H., Herrmann, A., Howe, C., Kath, K., Kocian, A., Kreiger, R., Reger, L., Schwalbe, S., **Vruwink, O.**, Wagener, S., & Zola, J. (March 2025). *Purpose Renewal after Brain Injury: Results of a Feasibility Study* [Poster]. International Brain Injury Association World Congress – Montreal, Quebec, Canada.

University-Level Presentations

Vruwink, O., Hoepner, J. K., Pratt, J. (May 2017). *Portability of the Sandwich modified flipped classroom approach in information systems* [Oral seminar]. Provost's Honors Symposium – University of Wisconsin-Eau Claire.

Vruwink, O., Strom, B., Terrell, R., Hoepner, J. K., Pratt, J., & Hemmerich, A. L. (May 2017). *Portability of the Sandwich modified flipped classroom approach in information system* [Poster]. Celebration of Excellence in Research & Creative Activity – University of Wisconsin-Eau Claire.

Scholarships & Awards

Student Scholar Award Eleanor M. Saffran Center for Cognitive Neuroscience	September 2024
Eleanor Swanson Memorial Scholarship (\$2500) Minnesota Speech-Language-Hearing Foundation	April 2024
Bryng Bryngelson Research Funding Award (\$400) SLHS Department- University of Minnesota	March 2024, October 2022
Research Mentoring-Pair Travel Award Recipient (\$750) American Speech-Language-Hearing Association	November 2023
Brain Injury ISIG David Strauss PhD Memorial Poster Award American Congress of Rehabilitation Medicine	Fall 2023
Communicative Disorders Scholarship (\$1000) Sertoma Inc.	June 2023
Thank a Teacher Recipient Center for Educational Innovation- University of Minnesota	January 2023

Conference Travel Grant (\$900) December 2022
Council of Graduate Students- University of Minnesota

Excellence in Service-Learning Award April 2017
University of Wisconsin-Eau Claire

Student Staff Award May 2016
University of Wisconsin-Eau Claire

Academic Teaching Experience

University of Minnesota

Graduate Instructor of Record
Intro to Neuroscience of Human Communication (SLHS 4301) Fall 2024

Guest Lectures
Topic: Resting Membrane Potential September 2023
Topic: Overview to Speech & Voice December 2022
Intro to Neuroscience of Human Communication (SLHS 4301)

Teaching Assistant
Rate Your World: Quantifying Judgments of Human Behavior (SLHS 1302) Spring 2025
Instructor of Record: Yang Zhang, PhD

The Sense of Hearing (SLHS 3306) Spring 2023, 2024
Instructor of Record: Robert Schlauch, PhD

Intro to Neuroscience of Human Communication (SLHS 4301) Fall 2022, 2023
Instructor of Record: Natalie Covington, PhD CCC-SLP

Anatomy & Physiology of the Speech & Hearing Mechanisms (SLHS 3302) Fall 2023
Instructor of Record: Yang Zhang, PhD

Capstone Project in Speech-Language-Hearing Sciences (SLHS 3402W) Spring 2023
Instructor of Record: Jayanthi Sasisekaran, PhD

Speech Science (SLHS 3305W) Fall 2022
Instructor of Record: Peter Watson, PhD

Public Engagement

Speech-Language Pathologist August 2024
True Friends Brain Gains Camp | Camp Courage in Maple Lake, MN
Assisted in development of a five-day didactic and interactive group curriculum appropriate for adults with moderate-severe acquired brain injury related to purpose in life after brain injury. Facilitated a majority of the curriculum at the Brain Gains camp at Camp Courage, in collaboration with Allina Health occupational therapists. Supervised MA-SLP student intern.

Volunteer- Chippewa Valley Aphasia Camp September 2016
YMCA Camp Manitou/University of Wisconsin-Eau Claire

AmeriCorps Member- Blugold Beginnings 2015-2016
University of Wisconsin-Eau Claire

Student Coordinator- Civil Rights Pilgrimage University of Wisconsin-Eau Claire	2014-2016
--	-----------

Service

Reviewer:	Ad hoc
Journal of Speech-Language Hearing Research	
Perspectives of the ASHA Special Interest Groups	
Council of Graduate Students, University of Minnesota	
SLHS Program Co-Representative	2024-2025
Grant Reviewer	2023-2024

Certifications/Licensure & Professional Memberships

Licensed Speech-Language Pathologist (#518043)	2021-Present
Minnesota Department of Health	
Certificate of Clinical Competence & Member (#14132271)	2020-Present
American Speech-Language-Hearing Association	