

Yalian Pei, PhD CCC-SLP

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SUMMARY

- Trilingual (English, Japanese, Chinese) Speech Language Pathologist with 3 years of experience in providing person-centered care for people with cognitive-communication disorders, aphasia, dysphagia, voice disorders, and motor speech disorders.
- Research interests include studying cognitive-communication effects of traumatic brain injury and supporting individuals with brain injuries returning to life.
- Strong analytical and programming skills, especially in psychometrics and measurement theory.

EDUCATION

PhD	University of Georgia , Athens, GA Communication Sciences and Disorders Dissertation: Reading Self-Efficacy in College Students with Mild Traumatic Brain Injury Advisor: Katy O'Brien Graduate Certificate: Quantitative Methods in Family Science	May 2023
MA	University of Musashino , Tokyo, Japan Speech Language Pathology and Hearing Sciences Thesis: A Cross-Linguistic Literature Review on Assessment of Agrammatism Advisor: Tomoyuki Kojima	April 2016
BA	Minzu University of China , Beijing, China Chinese Language and Literature	June 2013
	Jackson State University , Jackson, MS Exchange study, major in Communication Studies	May 2012

FUNDING

2023 SOURCE Research Assistant Grant. Primary Investigator. \$3876

2023 Spinal Cord Injury and Traumatic Brain Injury Research Grant. *Reading after Traumatic Brain Injury: Development of a Guiding Model for Assessment and Treatment*. Co-Investigator. \$162,482.45

2021 UGA Summer Research Grants for Doctoral Students (G114). *Reading Self-efficacy in College Students after Mild Traumatic Brain Injury*. Primary Investigator. \$1,477.

2021 Scott Lilienfeld Injury Prevention Scholarship from Injury Prevention Research Center at Emory. *Non-Sport Concussion Risk Assessment and Healthcare Seeking Behaviors: A Mixed Methods Analysis of the Concussion Subreddit*. Primary Investigator. \$1,000.

Unfunded

2022 NIDILRR Rehabilitation Engineering Research Center (RERC) Program. *The inSPIRE Wellness RERC: Innovative Strategies, Programs, & Interventions for Rehabilitation (inSPIRE) Wellness after Brain Injury*. Co-Investigator.

PUBLICATIONS

Published Manuscripts

Pei, Y., O'Brien, K.H. (in press). Use of social media data mining to examine needs, concerns, and experiences of people with traumatic brain injury. *American Journal of Speech-Language Pathology*.

- O'Brien, K. H., **Pei, Y.**, Kemp, A.M, Gartell R., & Wallace, T. (2023). Pilot Testing the SUCCESS Peer Mentoring Program for Students with Concussion: The Role of Personas in Mobile Technology Development. *Disability and Rehabilitation: Assistive Technology*.
<https://doi.org/10.1080/17483107.2023.2239293>
- Kemp, A.M., Norton, G., Neese, M., **Pei, Y.**, & O'Brien, K.H. (2023). Theory-based exploration of psychosocial factors influencing concussion health seeking intentions in college students. *Journal of American College Health*. <https://doi.org/10.1080/07448481.2023.2237582>.
- Pei, Y.**, & O'Brien, K. H. (2023). Development and initial validation of the Sources of Reading Self-Efficacy Scale for College and University Students (SOURCES-C). *Journal of Research in Reading*, 46(3), 225-246. <https://doi.org/10.1111/1467-9817.12422>
- Pei, Y.**, Kemp, A.M, & O'Brien, K. H. (2023). Investigating the student in returning to learn after a concussion: A systematic review and meta-analysis. *Journal of School Health*, 93(7), 594-620.
<https://doi.org/10.1111/josh.13307>
- O'Brien, K. H., **Pei, Y.**, Kemp, A. M., Gartell R., & Wallace, T. (2023). The SUCCESS peer mentoring program for college students with concussion: Preliminary results of a mobile technology delivered intervention. *International Journal of Environmental Research and Public Health*, 20(8), 2023. <https://doi.org/10.3390/ijerph20085438>
- O'Brien, K. H., Lundine, J. P., **Pei, Y.**, & Kemp, A. M. (2022). The school-based speech-language pathologist and students with concussion: An examination of evolving knowledge and confidence. *American Journal of Speech-Language Pathology*, 31(5), 1992–2003. https://doi.org/10.1044/2022_AJSLP-21-00315
- O'Brien, K. H., Wallace, T., Kemp, A. M., & **Pei, Y.** (2022). Cognitive-communication complaints and referrals for speech-language pathology services following concussion. *American journal of speech-language pathology*, 31(2), 790-807. https://doi.org/10.1044/2021_AJSLP-21-00254
- Pei, Y.**, & O'Brien, K. H. (2021). Reading abilities post traumatic brain injury in adolescents and adults: A systematic review and meta-analysis. *American Journal of Speech-Language Pathology*, 30(2), 789-816. https://doi.org/10.1044/2020_AJSLP-20-00213
- Abe, M., **Pei, Y.**, & Tanpo, N. (2019). Collaboration between rehabilitation professionals, *Annual Report of the Fukushima Section of Japanese Physical Therapy Association*, 3, 4-9.

Abstracts

- Pei, Y.**, & O'Brien, K. (2022). Shared experience and concerns after concussion: A mixed methods analysis of the concussion subreddit. *Archives of Physical Medicine and Rehabilitation*, 103(12), e191.
- Pei, Y.**, Gartell, R., Kemp, A., O'Brien, K., & Wallace, T. (2021). A retrospective chart review of referrals for speech-language pathology services after concussion. *Archives of Physical Medicine and Rehabilitation*, 102(10), e55-e56.
- Pei, Y.**, Kemp, A., O'Brien, K., & Wallace, T. (2021). Incidence and referral for management of communication complaints in mild traumatic brain injury. *Archives of Physical Medicine and Rehabilitation*, 102(10), e57.
- Kemp, A., **Pei, Y.**, O'Brien, K., & Wallace, T. (2021). Success in College after Concussion with Effective Student Supports (SUCCESS): Persona testing of a peer mentoring program. *Archives of Physical Medicine and Rehabilitation*, 102(10), e55.

- Kemp, A., Gartell, R., O'Brien, K., Wallace, T., & Pei, Y. (2021). Infographic development for the Success in College after Concussion with Effective Student Supports (SUCCESS) peer mentoring program. *Archives of Physical Medicine and Rehabilitation*, 102(10), e55.
- Pei, Y., & O'Brien, K. H. (2020). Ecological momentary assessment of concussion symptom burden in college students. *Archives of Physical Medicine and Rehabilitation*, 101(11), e47.

SCHOLARLY PRESENTATIONS

- Davis, A., Rivera, A., Voleti, R., Kamath, S., Pei, Y., Tilton-Bolowsky, V., Nunn, K. (2023, November 15). *Equitable Luncheon: Personal Reflections, Professional Development, and Collective Growth with REDI* [Oral Presentation]. 2023 Academy of Neurologic Communication Disorders and Sciences Annual Meeting. Boston, Massachusetts, United States.
- Pei, Y., Kemp, A.M., O'Brien, K.H. (2023, Oct 31). *Return to Learn after Mild Traumatic Brain Injury (mTBI): A Systematic Review and Meta-Analysis* [Poster]. American Congress of Rehabilitation Medicine, 2023. Atlanta, Georgia, United States.
- Pei, Y., O'Brien, K.H. (2023, March 30). *Reading in college students with mild traumatic brain injury* [Poster]. 14th World Congress on Brain Injury. Dublin, Ireland.
- Pei, Y. (2023, Jan 14). *Introduction to SLP Education, Clinical Practices, and Research in Japan and USA* [Invited Talk]. 2023 Fukushima Association of Speech, Hearing, and Language Therapists Convention. Virtual Conference.
- Davis, A., Rivera, A., Voleti, R., Kamath, S., & Pei, Y. (2022, November 16). *Are you REDI for "Heterogeneity"?* [Oral Presentation]. 2022 Academy of Neurologic Communication Disorders and Sciences Annual Meeting. New Orleans, Louisiana, United States.
- O'Brien, K., Pei, Y., Farran, L., Haarbauer-Krupa, J., & Meulenbroek, P. (2022, November 11). *Reading and traumatic brain injury across the lifespan* [Symposium]. American Congress of Rehabilitation Medicine, Chicago, IL, United States.
- Pei, Y., O'Brien, K.H. (2022, November 9). *Shared experience and concerns after concussion: a mixed methods analysis of the concussion subreddit* [Poster]. American Congress of Rehabilitation Medicine, Chicago, IL, United States.
- Pei, Y., O'Brien, K.H. (2022, September 9). *Use of social media data mining to examine mHealth needs, concerns, and experiences of people with traumatic brain injury* [Student Research Poster Sessions]. National Association of State Head Injury Administrators (NASHA) State of the States (SOS) in Head Injury Meeting. Virtual Conference.
- Pei, Y. (2022, March 18). *Educational and clinical experiences as an SLP in Japan and USA* [Invited Talk]. The 7th Musashino Speech and Hearing Conference, Tokyo, Japan. Hybrid Conference.
- Pei, Y. (2022, March 15). *Return to work after stroke: a case report of an aphasia patient with dysgraphia and dyscalculia* [Oral Presentation]. IPE Grand Rounds, University of Georgia, Athens, GA, United States.
- Pei, Y., O'Brien, K.H. (2022, January 13-15). *Reading in college students with mild traumatic brain injury* [Conference Session]. International Cognitive-Communication Disorders Conference. Virtual Conference.
- Pei, Y., O'Brien, K.H. (2021, November 18-21). *Concerns shared by individuals with concussion: a mixed methods analysis of the Concussion subreddit* [Conference Session]. American Speech-Language-Hearing Association (ASHA) Annual Convention, Washington D.C, United States.
- Pei, Y., O'Brien, K., Wallace, T., & Gartell, R. (2021, November 18-21). *Communication problems post-concussion and associations with rehabilitation referral* [Conference Session]. American Speech-Language-Hearing Association (ASHA) Annual Convention, Washington D.C, United States.
- Pei, Y., Kemp, A.M., O'Brien, K.H., Wallace, T. (2021, September 26-29). *Incidence and referral management of communication complaints in mild traumatic brain injury* [Poster Session]. American Congress of Rehabilitation Medicine, Virtual Conference.
- Pei, Y., Gartell, R., Kemp, A.M., O'Brien, K.H., Wallace, T. (2021, September 26-29). *A retrospective chart review of referrals for speech-language pathology services after concussion* [Poster Session]. American Congress of Rehabilitation Medicine. Virtual Conference.

- Pei, Y., & O'Brien, K. (2020, October 21-24). *Ecological momentary assessment of concussion symptoms in college students* [Poster Session]. American Congress of Rehabilitation Medicine 97th Annual Conference. Atlanta, GA. Hybrid Conference.
- Pei, Y., & O'Brien, K. (2019, November 21-23). *Reading abilities post traumatic brain injury in adolescents and adults* [Poster Session]. 2019 American Speech-Language-Hearing Association (ASHA) Convention. Orlando, Florida, United States.
- Pei, Y., Akutsu, Y., & Kojima, T. (2018, June 22-23). *A cross-linguistic literature review on assessment of agrammatism* [Poster Session]. 19th Convention of Japanese Association of Speech-Language-Hearing Therapists, Toyama, Japan.
- Pei, Y. (2018, June 9). *An introduction to current rehabilitation in Japan* [Invited Talk]. The 3rd Jinjiang International Conference of Neurological Disease, Jinzhou, China.
- Pei, Y., Akutsu, Y., Hirayama, K., & Aoyama, K. (2017, July 8-9). *A case report on anti-NMDA receptor encephalitis presenting with higher brain function symptoms* [Conference Session]. The 43rd Meeting of Japanese Association of Communication Disorders, Nagoya, Japan.

PROFESSIONAL EXPERIENCE

Assistant Professor, Syracuse University, Syracuse, NY 2023-

Research Assistant, University of Georgia, Athens, Georgia 2018-2023

- Published a systematic review and meta-analysis on reading post traumatic brain injury
- Developed and validated the Sources of Reading Self-Efficacy Scale for College and University Students (SOURCES-C) to measure students' perceptions about their reading abilities and sources of reading self-efficacy
- Leveraged Natural Language Processing and qualitative content analysis to understand people's experiences and concerns post Traumatic Brain Injury as well as the role of social media in providing a community of support
- Assessed speech therapy referral pattern and the use of Cognitive Symptom Screening Tool (CSST)
- Examined concussion related knowledge, experience, and confidence among school based SLPs
- Trained 20+ undergraduate research assistants in transcription and qualitative coding

Clinical Fellowship, Mountain Region Speech and Hearing Center, Kingsport, Tennessee 2022

- Provided evaluation and treatment to adults with cognitive-communication disorders, dysphagia, dysarthria, voice disorders, and children with phonological disorders, mixed receptive-expressive language disorder at an outpatient clinic

Speech Therapist, Takeda General Hospital, Fukushima, Japan 2016-2018

- Provided diagnostic assessment and treatment to patients across the lifespan in acute and subacute inpatient settings as well as outpatient memory clinic and pediatric outpatients
- Treated patients across therapeutic areas including cognitive-linguistic deficits, dysphagia, voice disorders, and neurogenic communication disorders including aphasia, dysarthria, and right hemisphere disorders
- Published a case report regarding cognitive effects on physical activities and interdisciplinary collaboration between rehabilitation professionals
- Performed operational activities for research projects including complex recruitment, data collection, and database management

TEACHING EXPERIENCE

Teaching Assistant & Instructor, University of Georgia, Athens, GA 2019, 2023
CMSD 6860 Acquired Cognitive Communication Disorders (Graduate; Instructor of Record) 2023
CMSD 4000 Independent study (Undergraduate) 2022

CMSD 4230 Medical Speech-Language Pathology (Undergraduate; Instructor of Record)	2022
CMSD 4230 Concussion and Cognitive Rehabilitation (Undergraduate)	2019
CMSD 4170 Language Disorders - Introduction to Traumatic Brain Injury*	2019

**Guest Lecturer for one module of the course*

HONORS AND AWARDS

UGA Graduate School Student International Travel Grant	2023
UGA Graduate School Student Domestic Travel Grant	2023
UGA Travel Award for Faculty, Postdoctoral Scholars, and Graduate Students	2022
American Speech-Language-Hearing Association (ASHA) Pathways Program	2022
Mentor: Dr. Stacy Harnish	
Academy of Neurologic Communication Disorders and Sciences (ANCDS) Student Fellowship	2021
Mentor: Dr. Janet Paterson	
People's Choice Award, 3MT™ Competition	2021
University of Georgia	
UGA Mary Frances Early College of Education's College Research Scholar Award	2018-2022
Research Assistantship [4-years, 50% funding, tuition waiver]	
University Scholarship	2009-2010
Minzu University of China [Top 2% students]	

LICENSE AND CERTIFICATIONS

Speech Language Pathologist (License Number: 3965)	2022
Tennessee Board of Communication Disorders and Sciences	
Modified Barium Swallow Impairment Profile (MBSimP)	2022
McNeill Dysphagia Therapy (MDTP)	2022
Lee Silverman Voice Treatment (LSVT) Certification	2022
Langmore FEES Certificate	2022
NMES and sEMG Biofeedback Certificate	2022
CPR Certified for Pediatrics and Adults , American Red Cross	2021-present
CITI Social & Behavioral Research , Shepherd Center and UGA	2018-present
Speech-Language-Hearing Therapist ,	2016-present
Japanese Association of Speech-Language-Hearing Therapists	

PROFESSIONAL AFFILIATIONS

Member , Academy of Neurologic Communication Disorders Sciences	2021-present
Member , American Speech-Language-Hearing Association	2022-present
Member , American Congress of Rehabilitation Medicine	2020-present
Member , Special Interest Group 2: Neurogenic Communication Disorders	2019-present

PROFESSIONAL SERVICE

Guest Reviewer , BMC Neurology	
Guest Reviewer , Journal of Speech, Language, and Hearing Research	2023
Member , ANCDS Race, Equity, Diversity, and Inclusion Committee	2021-present
Research Volunteer , Shepherd Center	2020-2023
International Affairs Officer , Japanese Association of Speech-Language-Hearing Therapists	2020-2022
Administrative Volunteer , Brain Injury Association of Georgia	2018-2023
Organizing Committee , ComSciCon Atlanta	2021
Guest Reviewer , The Journal of Head Trauma Rehabilitation	2020
Guest Reviewer , American Journal of Speech-Language Pathology	2019