

**BRIDGET M. WALSH**  
CURRICULUM VITAE

DEPARTMENT OF COMMUNICATIVE SCIENCES AND DISORDERS  
OYER SPEECH AND HEARING BUILDING • 1026 RED CEDAR ROAD  
EAST LANSING, MICHIGAN 48823

WORK (517) 884-2401 • FAX (517) 353-3176 • E-MAIL walshb16@msu.edu

**EDUCATION**

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- Ph.D. 2007 Purdue University  
*Interdisciplinary Neuroscience*  
Dissertation Title: Speech production in Parkinson's disease: Basic kinematic parameters and effects of increased linguistic demands on interarticulatory coordination  
Advisor: Dr. Anne Smith
- M.S. 2000 Purdue University  
*Department of Audiology and Speech Sciences*  
Thesis Title: Development of oral motor control for speech: Evidence from upper lip, lower lip, and jaw  
Advisor: Dr. Anne Smith
- B.S. 1995 Purdue University  
*Department of Audiology and Speech Sciences*

**PROFESSIONAL LICENSURE**

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- 2007-present American Speech, Language, and Hearing Association  
-Certificate of Clinical Competency (CCC-SLP)

**PROFESSIONAL EXPERIENCE**

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- 2023-Present Brandt Associate Professor, Dept. Communicative Sciences and Disorders, Michigan State University, East Lansing, MI
- 2023-Present Director of Undergraduate Studies in Communicative Sciences and Disorders
- 2022-Present Associate Professor, Dept. Communicative Sciences and Disorders, Michigan State University, East Lansing, MI
- 2018-2022 Assistant Professor, Dept. Communicative Sciences and Disorders, Michigan State University, East Lansing, MI
- 2011-2018 Research Scientist, Dept. Speech, Language, and Hearing Sciences, Purdue University, West Lafayette, IN
- 2010-2011 PRN Speech-Language Pathologist, Westminster, West Lafayette, IN

- 2010-2011 Course Instructor, Dept. Speech, Language, and Hearing Sciences, Purdue University, West Lafayette, IN
- 2007-2010 Research Associate, Speech Neurophysiology Laboratory, Purdue University, West Lafayette, IN

## RESEARCH GRANTS AND AWARDS

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- 2025-2030 Principal Investigator, “A multi-informant investigation of risk and protective factors underlying the development of stuttering’s adverse impact on children” NIH/NIDCD (R01 DC021946)
- 2024-2027 Consultant, “Specifying neurophysiology and predicting real-world impact in stuttering” NIH/NIDCD (R15 DC021264)
- 2023-2028 Consultant, “Clinical research center for the improved prevention, diagnosis, and treatment of vocal hyperfunction” NIH/NIDCD (P50 DC015446)
- 2021-2024 Principal Investigator, Diversity Supplemental Award to “Developmental pathways to stuttering persistence and recovery” NIH/NIDCD (R01 DC018000-02S1)
- 2020-2025 Principal Investigator, “Developmental pathways to stuttering persistence and recovery” NIH/NIDCD/NICHHD (R01 DC0180000)
- 2014-2018 Principal Investigator, “Central and peripheral dynamics of speech production in children who stutter” NIH/NIDCD (R03 DC013402)
- 2013-2018 Co-Investigator, “Physiological correlates of stuttering” NIH/NIDCD (PI: Anne Smith R01 DC00559)
- 2015 American Speech, Language, and Hearing Association Trailblazer Award for “Brain function and anatomy in children who stutter: Insights from pediatric neuroimaging studies” with co-presenters Soo-Eun Chang, Deryk Beal, and Jason Tourville
- 2013 Purdue University Seed for Success Excellence in Research Award as Co-Investigator on “Physiological correlates of stuttering” NIH/NIDCD (R01 DC00559)
- 2011-2014 Co-Investigator, Reentry Supplemental Award NIH/NIDCD (R01 DC00559)
- 2005-2007 Principal Investigator, Ruth L. Kirschstein National Research Predoctoral Award “Language and motor interactions in Parkinson’s disease” NIH/NIDCD (NRSA F31 DC007267)
- 2005-2007 Principal Investigator, “Language and motor processes in Parkinson’s disease” Parkinson’s Awareness Association of Central Indiana (201116)
- 2004-2005 Graduate student award for outstanding research from the Indiana Lions Club (67313533762)

**PUBLICATIONS (Underline denotes mentee co-authors, asterisk denotes co-first authorship)**

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- Arney, M. A., Gerwin, K. L., Johnson, C. A., **Walsh, B.** (2026). Each child matters: Contributing factors to perceptions of stuttering therapy. *American Journal of Speech-Language Pathology*. [https://doi.org/10.1044/2026\\_AJSLP-24-00515](https://doi.org/10.1044/2026_AJSLP-24-00515)
- Tomassi, N.E., Turashvili, D.M., Williams, A., **Walsh, B.**, Stephen, E.P., & Stepp, C.E. (2026). Autonomic arousal during speech production and sensorimotor adaptation. *Journal of Speech Language and Hearing Research*. [https://doi-org.proxy1.cl.msu.edu/10.1044/2025\\_JSLHR-25-00171](https://doi-org.proxy1.cl.msu.edu/10.1044/2025_JSLHR-25-00171)
- Walsh, B.**, Tichenor, S. E., Gerwin, K. L. (2025). The significance of a higher prevalence of ADHD and ADHD symptoms in children who stutter. *Journal of Speech, Language, and Hearing Research*. [https://doi-org.proxy1.cl.msu.edu/10.1044/2025\\_JSLHR-24-00668](https://doi-org.proxy1.cl.msu.edu/10.1044/2025_JSLHR-24-00668)
- Arney, M. A., Moser, J., **Walsh, B.**, Yaruss, J. S. (2025). Trait mindfulness and the experience of stuttering. *American Journal of Speech-Language Pathology*. DOI: 10.1044/2025\_AJSLP-24-00295
- Chang, S. E., Below, J., Chow, H. M., Guenther, F., Hampton Wray, A., Jackson, E., Max, L., Neef, N., SheikhBahaei, S., Shekim, L., Tichenor, S. E., **Walsh, B.**, Watkins, K., Yaruss, J. S., Bernstein-Ratner, N. (2025). Stuttering: Our current knowledge, research opportunities, and ways to address critical gaps. *Neurobiology of Language*. [https://doi.org/10.1162/nol\\_a\\_00162](https://doi.org/10.1162/nol_a_00162)
- Tichenor, S. E., **Walsh, B.**, Gerwin, K. L., Yaruss, J. S. (2025) Repetitive negative thinking as a mechanism of stuttering anticipation. *Journal of Speech, Language, and Hearing Research*. [https://doi/10.1044/2025\\_JSLHR-24-00175](https://doi/10.1044/2025_JSLHR-24-00175)
- Tomassi, N. E., Turshvili, D., Williams, A., **Walsh, B.**, Stephen, E. P., Stepp, C. E. (2025). Effects of cognitive load and autonomic arousal on voice production and vocal auditory-motor adaptation. *Journal of Speech, Language, and Hearing Research*. doi: 10.1044/2024\_JSLHR-24-00601
- Andary, J., Nylund-Hackbarth, M., Lorang, E., **Walsh, B.**, Douglas, S., Venker, C. E. (2025). How caregivers of children in early intervention feel about simplified language input. *American Journal of Speech-Language Pathology*. [https://doi.org/10.1044/2024\\_ajslp-24-00380](https://doi.org/10.1044/2024_ajslp-24-00380)
- Johnson, C. A., Gerwin, K. L., Tichenor, S. E., Boyle, M. P., & **Walsh, B.** (2024). Evaluating self-stigma and its relationship to adverse impact in children and adolescents with the Child Stuttering Self-Stigma Scale. *Journal of Speech, Language, and Hearing Research*, 67, 2920-2934. [https://doi.org/10.1044/2024\\_JSLHR-24-00069](https://doi.org/10.1044/2024_JSLHR-24-00069)
- Tichenor, S. E., Gerwin, K. L., & **Walsh, B.** (2023). Repetitive negative thinking in adolescents who stutter. *Journal of Speech, Language, and Hearing Research* 66, 3290-3306. doi:10.1044/2023\_JSLHR-23-00147
- Walsh, B.**, Grobbel, H., Christ, S. L., Tichenor, S. E., & Gerwin, K. L. (2023). Exploring the relationship between resilience and the adverse impact of stuttering in children. *Journal of Speech, Language, and Hearing Research: JSLHR*, 66, 2278–2295. [https://doi.org/10.1044/2023\\_JSLHR-23-00012](https://doi.org/10.1044/2023_JSLHR-23-00012)
- Gerwin, K., **Walsh, B.**, Christ, S.L. (2022). Error characteristics lend specificity to nonword repetition performance in children who stutter with and without concomitant disorders. *Journal of Speech, Language, and Hearing Research*. [https://doi.org/10.1044/2022\\_JSLHR-21-00654](https://doi.org/10.1044/2022_JSLHR-21-00654)
- Tichenor, S.E., **Walsh, B.**, Gerwin, K., & Yaruss, J.S. (2022). Emotional regulation and its influence on the experience of stuttering across the lifespan. *Journal of Speech, Language, and Hearing Research*. [https://doi.org/10.1044/2022\\_JSLHR-21-00467](https://doi.org/10.1044/2022_JSLHR-21-00467)

- Tichenor, S.E., Walsh, B., Tian, F., & Gerwin, K. (2022). Consistency of children's hemodynamic responses during spontaneous speech: An fNIRS investigation. *Neurophotonics*, 9, doi: 10.1117/1.NPh.9.1.015003.
- \*Gerwin, K., \*Walsh, B., & Tichenor, S. E. (2022). Nonword repetition performance differentiates children who stutter with concomitant speech sound and developmental language disorders. *Journal of Speech, Language, and Hearing Research*. doi.org/10.1044/2021\_JSLHR-21-00334
- Walsh, B.,** Christ, S.L., & Weber, C. (2021). Exploring relationships among predictors of persistence in early childhood stuttering. *Journal of Speech, Language, and Hearing Research*. doi.org/10.1044/2021\_JSLHR-21-00034
- Greenwell, T.\* and **Walsh, B.\*** (2021). Evidence-based practice in speech-language pathology: Where are we now? *American Journal of Speech-Language Pathology*, 30, 186-198. doi.org/10.1044/2020\_AJSLP-20-00194
- Walsh, B., Bostian, A. J.,** Tichenor, S.E., Brown, B., Weber, C. (2020). Disfluency characteristics of 4- 5-year-old children who stutter and their relationship to stuttering persistence and recovery. *Journal of Speech, Language, and Hearing Research*, 63, 2555-2566. doi.org/10.1044/2020\_JSLHR-19-00395
- Walsh, B. & Usler, E.** (2019). Physiological correlates of fluent and stuttered speech production in preschool children who stutter. *Journal of Speech, Language, and Hearing Research*, 62, 4309-4323. doi.org/10.1044/2019\_JSLHR-S-19-0018
- Walsh, B.,** Smith, A., Christ, S.L., & Weber, C. (2019). Sympathetic nervous system activity in preschoolers who stutter. *Frontiers in Neuroscience*, 13:356, doi.org/10.3389/fnhum.2019.00356
- Walsh, B., Usler, E., Bostian, A., Mohan, R., Gerwin, K.,** Brown, B., Weber, C., & Smith, A. (2018). What are predictors for persistence in childhood stuttering? *Seminars in Speech and Language*, 39, 299-312. doi: 10.1055/s-0038-1667159.
- Usler E. & Walsh B. (2018). The influence of syntactic complexity on speech production in school-aged children who stutter. *Journal of Speech, Language, and Hearing Research*, 61, 2157-2167. doi: 10.1044/2018\_JSLHR-S-17-0435
- Hosseini, R., Walsh, B., Tian, F., & Wang, S. (2018). An fNIRS-based feature learning and classification framework to distinguish hemodynamic patterns in children who stutter. *IEEE Transactions on Neural Systems & Rehabilitation Engineering*, 1-1. doi:10.1109/TNSRE.2018.2829083
- Walsh, B.,** Tian, F., Tourville, J.A., Yücel, M.A., Kuczek, T., Bostian, A. (2017). Hemodynamics of speech production: An fNIRS investigation of children who stutter. *Scientific Reports*, 7.
- Walsh, B., Mettel, K., & Smith, A.** (2015). Speech motor planning and execution deficits in early childhood stuttering. *Journal of Neurodevelopmental Disorders*, 7, 27.
- Walsh, B. & Smith, A.** (2013). Oral EMG activation patterns for speech are similar in preschoolers who do and do not stutter. *Journal of Speech, Language, and Hearing Research*, 56, 1441-1454.
- Walsh, B. & Smith, A.** (2012). Basic parameters of articulatory movements and acoustics in individuals with Parkinson's disease. *Movement Disorders*, 27, 843-850. [Featured Article].
- Walsh, B. & Smith, A.** (2011). Linguistic complexity, speech production, and comprehension in Parkinson's disease: Behavioral and physiological indices. *Journal of Speech, Language, and Hearing Research*, 54, 787-802.
- Smith, A., Sadagopan, N., Walsh, B., & Weber-Fox, C. (2010). Increasing phonological complexity reveals heightened instability in inter-articulatory coordination in adults who stutter. *Journal of Fluency Disorders*, 35, 1-18.

**Walsh, B.,** Smith, A., & Weber-Fox, C. (2006). Short-term plasticity in children's speech motor systems. *Developmental Psychobiology, 48*, 660-674.

**Walsh, B.** & Smith, A. (2002). Articulatory movements in adolescents: Evidence for protracted development of speech motor processes. *Journal of Speech, Language, and Hearing Research, 45*, 1119-1133.

## **TEACHING EXPERIENCE**

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2018-present Course Instructor: CSD 803 Research Methods  
2019-2023 Course Instructor: CSD 865 Motor Speech Disorders  
2019 Course Instructor CSD 830 Fluency Disorders  
2017 Purdue University Course Instructor: SLHS 519 Evidence-Based Practice III  
2016 Purdue University Course Instructor: SLHS 519 Evidence-Based Practice II  
2013-2016 Purdue University Guest Lecturer: SLHS 529 Stuttering  
2012-2013 Purdue University Guest Lecturer: SLHS 115 Introduction to Communicative Disorders  
2010 Purdue University Course Instructor: SLHS 115 Introduction to Communicative Disorders  
2002-2003 Purdue University Course Instructor: AUS 430 Speech-Language Disorders in Health Care Settings  
2002 Purdue University Laboratory Instructor/Course Coordinator: AUS 302 Acoustic Bases of Speech and Hearing  
2001 Purdue University Laboratory Instructor/Course Coordinator: AUS 502 Fundamentals of Speech Production and Perception

## **TEACHING AND MENTORSHIP AWARDS**

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2026 Michigan State University Undergraduate Research Mentor of the Year  
2005 Associate Fellow of the Purdue University Teaching Academy  
2002 Purdue University Graduate Student Award for Outstanding Teaching

## **LEADERSHIP AND SERVICE**

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2025 American Speech, Language, and Hearing Association's New Century Scholars Research Grant reviewer  
2024 Ad Hoc Grant Reviewer Motor Function, Speech and Rehabilitation Study Section, National Institutes of Health  
2023 Ad Hoc Grant Reviewer Communication Disorders Review Committee, National Institutes of Health

- 2023 American Speech, Language, and Hearing Association's New Century Scholarship Program grant reviewer
- 2022-2023 American Speech, Language, and Hearing Association Convention Program Committee Fluency Co-Chair
- 2022 Ad Hoc Grant Reviewer Motor Function, Speech and Rehabilitation Study Section, National Institutes of Health
- 2022 Ad Hoc Grant Reviewer Communication Disorders Review Committee, National Institutes of Health
- 2022 Proposal Reviewer, Joint World Congress on Stuttering and Cluttering Meeting, Montreal, Canada.
- 2022 Proposal Reviewer, American Speech, Language, and Hearing Convention Program Committee (Fluency)
- 2021 Ad Hoc Grant Reviewer Motor Function, Speech and Rehabilitation Study Section, National Institutes of Health
- 2021 Grant Reviewer for the Waterloo Foundation/Child Development Programme
- 2021 Reviewer, Students Preparing for Academic & Research Careers SPARC Award, American Speech, Language, and Hearing Association
- 2021 Proposal Reviewer, American Speech, Language, and Hearing Convention Program Committee (Fluency)
- 2021 Proposal Reviewer, Joint World Congress on Stuttering and Cluttering Meeting, Montreal, Canada. (Meeting postponed).
- 2020 Proposal Reviewer, American Speech, Language, and Hearing Convention Program Committee (Speech and Language Science)
- 2020 Program Committee Member of the Motor Speech Conference Santa Barbara, CA
- 2019 Proposal Reviewer, American Speech, Language, and Hearing Convention Program Committee (Fluency), Orlando, FL.
- 2018 Ad hoc Proposal Reviewer CAREER Perception, Action, and Cognition Program, National Science Foundation
- 2018 Proposal Reviewer, American Speech, Language, and Hearing Convention Program Committee (Fluency)
- 2018 Proposal Reviewer, One World, Many Voices: Science and Community Joint World Congress, Tokyo, Japan.
- 2017 Reviewer for the Grant Review and Reviewer Training Program (GRRT), American Speech, Language, and Hearing Association July 24-25 Rockville, MD.
- 2016 Proposal Reviewer, American Speech, Language, and Hearing Convention Program Committee (Fluency)

## CONFERENCE PRESENTATIONS AND INVITED TALKS (Underline denotes student co-authors)

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**Walsh, B.** (December 2025). The adverse impact of stuttering on children: Risk and protective factors. Invited Speaker at the Second Annual Alexander M. Mashour Pediatric Stuttering Symposium, Ann Arbor, MI.

Gerwin, K. L., Arney, M. A., & **Walsh, B.** (November 2025). SLPs' perceptions of stuttering therapy with an individual child: Envisioning a promising future. Presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Washington, D.C.

**Walsh, B.** (September 2025). The adverse impact of stuttering on children: Risk and protective factors. **Invited Keynote Speaker** at the 14<sup>th</sup> Oxford Dysfluency Conference, Oxford UK.

Tichenor, S. E., **Walsh, B.**, Gerwin, K., Yaruss, J. S. (November 2024). Repetitive negative thinking as a mechanism for stuttering anticipation. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Seattle, WA.

**Walsh, B.** (October, 2024). The adverse impact of stuttering on children. **Invited Keynote Speaker** at the Fifth International Conference on Stuttering, Grottaferrata, Italy.

**Walsh, B.**, Gerwin, K. L., & Johnson, C. A. (November 2023). Toward therapeutic alliance: Child and SLP perspectives on stuttering therapy. Presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Boston, MA.

Johnson, C. A., Gerwin, K. L., Tichenor, S. E., Boyle, M., & **Walsh, B.** (November 2023). Stuttering self-stigma in children who stutter. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Boston, MA. [Meritorious poster award]

Gerwin, K. L., Johnson, C. A., Christ, S. L., & **Walsh, B.** (November 2023). Rating children's stuttering severity: A multi-informant approach. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Boston, MA.

Tichenor, S. E., Gerwin, K. L., Johnson, C. A., & **Walsh, B.** (November 2023). Repetitive negative thinking in adolescents who stutter: Development and relationship with anxiety. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Boston, MA.

**Walsh, B.** (October 2023). Early childhood stuttering: What is our role? Presentation at the Great Lakes Stuttering Research Consortium, East Lansing, MI.

**Walsh, B.** (September 2023). The adverse impact of stuttering on children: Risk and protective factors. **Invited Keynote Speaker** at the 13<sup>th</sup> Oxford Dysfluency Conference (Conference cancelled).

**Walsh, B.** (June 2023). Invited Presenter at the National Institutes of Health Workshop on Stuttering

- Gerwin, K., Tichenor, S. E., & **Walsh, B.** (November 2022) Exploring the development of adverse impact in children who stutter through multiple perspectives. Presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), New Orleans, LA.
- Walsh, B.**, Gerwin, K. L., & Venker, C. (November 2022). Research on wheels: Using a mobile lab to enhance the diversity of research participant pools. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), New Orleans, LA.
- Gerwin, K. L. & **Walsh, B.** (November 2022). Error characteristics distinguish nonword repetition performance in children who stutter with and without concomitant disorders. Presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), New Orleans, LA.
- Walsh, B.**, Tichenor, S. E., & Gerwin, K. L. (May 2022). Exploring the development of stuttering's adverse impact through parent, child and SLP perspectives. Presentation at the Joint World Congress on Stuttering, Montreal, Canada.
- Walsh, B.**, Chow, H. M., Maguire, G. A. (February 2022). From the King's Speech to the Oath of Office: Advances in Stuttering Research. **Invited Presentation** at the American Association for the Advancement of Science Annual Meeting, Philadelphia, PA.
- Walsh, B.**, Tichenor, S. E., & Gerwin, K. L. (November 2021). Predicting the development of adverse impact in children who stutter. Presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Washington D.C.
- Walsh, B.** (October 2021). fNIRS: A hemodynamic approach to brain physiology research in children who stutter. **Invited Keynote Speaker** at the 4<sup>th</sup> International Conference on Stuttering, Umbria, Italy (videoconference).
- Walsh, B.** (October 2021). Predicting recovery from and persistence in early childhood stuttering: Evaluating combinations of risk factors. **Invited Keynote Speaker** at the 4<sup>th</sup> International Conference on Stuttering, Umbria, Italy (videoconference).
- Walsh, B.** (August 2021). Disfluency characteristics predict stuttering persistency in preschool-aged children. **Invited Keynote Speaker** at the 10<sup>th</sup> Disfluency in Spontaneous Speech Conference, Paris, France (videoconference).
- Walsh, B.** (February 2021). Predicting recovery and persistency in stuttering. **Invited presentation** at the Israel National Speech, Hearing, and Language Association Convention. Israel (videoconference).
- Walsh, B.**, Christ, S. L., Weber, C. (January 2021). Evaluating relationships among predictors of persistence in preschool children who stutter. Presentation at the 12<sup>th</sup> Oxford Dysfluency Conference (videoconference).
- Novelli, A., & **Walsh, B.** (January 2021). Nonword repetition task performance in preschoolers who stutter. Poster presentation at the 12<sup>th</sup> Oxford Dysfluency Conference (videoconference).

- Jackson, E., Buhr, A. P., Chang, S. E., **Walsh, B.**, Max. L. (November 2020). What has the “multifactorial” approach told us about the etiology of stuttering? **Invited proposal** accepted at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), San Diego, CA (Convention cancelled).
- Novelli, A. & **Walsh, B.** (November 2020). Nonword repetition profiles in preschoolers who stutter. Proposal accepted at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), San Diego, CA (Convention cancelled).
- Walsh, B.** (August 2020). Evaluating combinations of risk factors for stuttering persistence in preschoolers. Presentation at the Great Lakes Stuttering Research Consortium Symposium, East Lansing, MI.
- Walsh, B.** & Tian, F. (February 2020). An fNIRS study of speech production in children and adults. Poster presentation at the 20th biennial Conference on Motor Speech, Santa Barbara, CA.
- Weber, C. & **Walsh, B.** (November 2019). Clinical and physiological predictors of persistence in childhood stuttering: Update from the Purdue stuttering project. **Invited presentation** at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Orlando, FL.
- Walsh, B.** (October 2019). Multifactorial dynamics of speech production in childhood stuttering. **Invited presentation** to the Speech and Hearing Science Department at the University of Illinois, Urbana-Champaign, IL.
- Walsh, B.** (September 2019) Developmental trajectories to stuttering persistence and recovery. Presentation at the Great Lakes Stuttering Research Consortium, East Lansing, MI.
- Walsh, B.**, Hampton-Wray, M., Chang, S. E., (March 2019). Neuroimaging research examining the neural bases of childhood stuttering. **Invited presentation** at the annual Michigan Speech, Language, and Hearing Association, East Lansing, MI.
- Walsh, B.**, Beal, D. (November 2018). Brain research in stuttering: How do recent advancements translate to clinical practice? **Invited presentation** at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Boston, MA.
- Walsh, B.** (November 2018). Physiological and behavioral correlates of emotional arousal in preschoolers who stutter. Presentation at the annual meeting at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Boston, MA.
- Walsh, B.** (August 2018). Stuttering correlates at multiple levels of the nervous system. Presentation at the Upper Midwest Stuttering Research Conference, Michigan State University, East Lansing, MI.
- Walsh, B.** & Usler, E. (July 2018). Autonomic correlates of speech production in preschoolers who stutter. Poster presentation at the One World, Many Voices: Science and Community Joint World Congress, Tokyo, Japan.
- Walsh, B.**, Brown, B., & Lippett-Gerwin, K. (April 2018). New research directions and intervention strategies with children who stutter. **Invited presentation** at the annual Indiana Speech, Language, and Hearing Association (ISHA) Indianapolis, IN.

- Greenwell, T. & **Walsh, B.** (November 2017). Evidence based practice: A survey of practicing speech-language pathologists. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Los Angeles, CA.
- Walsh, B.** & Tian, F. T. (September 2017). Examining the neurophysiology of speech production in children who stutter with fNIRS. Presentation at the 11th Oxford Dysfluency Conference, Oxford, UK.
- Walsh, B.** & Smith, A. (September 2017). Physiological and behavioral indices of emotional processes in preschoolers who stutter. Presentation at the 11th Oxford Dysfluency Conference, Oxford, UK.
- Usher, E. & **Walsh, B.** (September 2017). The effects of syntactic complexity and sentence length on the speech motor control of school-age children who stutter. Presentation at the 11th Oxford Dysfluency Conference, Oxford, UK.
- Walsh, B.** (November 2016). Shedding light on Stuttering: An fNIRS study of speech production. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Philadelphia, PA.
- Walsh, B.,** Tian, F.T., Yücel, M.A. (October 2016). Hemodynamic profiles of speech production in children who stutter. Poster presentation at the biennial fNIRS conference, Paris, France.
- Chang, S.E., Beal, D., **Walsh, B.,** & Tourville, J.A. (November 2015). Brain function and anatomy in children who stutter: Insights from pediatric neuroimaging studies. **Invited presentation** at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Denver, CO. [*\*Selected for ASHA's Trailblazer Award for forward-thinking, innovative, and transformational research*].
- Walsh, B.** (April 2014). Central dynamics of speech production in children who stutter. Presentation to the Department of Bioengineering at the University of Texas Arlington, Arlington, TX.
- Walsh, B.** (November 2013). Speech motor characteristics of early childhood stuttering. Presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Chicago, IL.
- Walsh, B.** (March 2012). Decreased EMG activity during disfluent speech and asymmetrical activation of lower lip: A study of preschoolers who stutter and their typically fluent peers. Presentation at the biennial Conference on Motor Speech, Santa Rosa, CA.
- Walsh, B.** (March 2008). Speech production in individuals with Parkinson's disease: Basic kinematic parameters and effects of increased linguistic demands on inter-articulatory coordination. Presentation at the biennial Conference on Motor Speech, Monterrey, CA.
- Walsh, B.,** Smith, A., & Weber-Fox, C. (November 2004). Motor learning in children's speech production. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Philadelphia, PA.
- Smith, A., **Walsh, B.,** & Weber-Fox, C. (November 2004). Phonological complexity and speech motor performance in individuals who stutter. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Philadelphia, PA.

**Walsh, B.**, Smith, A., & Weber-Fox, C. (March 2004). Motor learning occurs in children (but not young adults) in a novel non-word production task. Poster presentation at the Conference on Motor Speech Control and Disorders, Albuquerque, New Mexico.

Huber, J.E., Ringel, R.L., **Walsh, B.**, Kahane, J., & Badylak, S. (November 2002). Tissue remodeling in dogs after modified and standard hemilaryngectomy. Presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Atlanta, Georgia.

**Walsh, B.** & Smith, A. (November 2000). Development of oral motor control for speech. Poster presentation at the Annual Convention of the American Speech, Language, and Hearing Association (ASHA), Washington D.C.

## **OUTREACH PRESENTATIONS AND PUBLICATIONS**

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Crago, C., Gerwin, K. L., & **Walsh, B.** (2026). Sympathetic arousal and speech variability in children who stutter: A virtual reality investigation. University Undergraduate Research and Arts Forum, East Lansing, MI. **[First place recipient]**

Moran, T., Bortolini, E., Erdmann, R., Moore, M., Van Otteren, N., Gerwin, K. L., & **Walsh, B.** (2026). Interpreting speech timing with auditory and visual feedback in childhood stuttering. University Undergraduate Research and Arts Forum, East Lansing, MI. **[First place recipient]**

Crago, C., Gerwin, K. L., & **Walsh, B.** (2025). Understanding the role of communication context in early childhood stuttering: A pilot study. Mid-Michigan Symposium for Undergraduate Research Experiences, East Lansing, MI.

Moran, T., Gerwin, K. L., & Walsh, B. (2025) Investigating the role of auditory and visual feedback in children's speech timing: Implications for stuttering. Mid-Michigan Symposium for Undergraduate Research Experiences, East Lansing, MI.

Crago, C., Beadle, G., Bortolini, E., Erdmann, R., Masood, H., Moore, M., Gerwin, K. L., & **Walsh, B.** (2025). Exploring the relationship between adverse impact and anxiety in adolescents who stutter. University Undergraduate Research and Arts Forum, East Lansing, MI.

Holmes, M., Hecht, S., Thomas, G., English, A., Crago, C., Gerwin, K. L., Johnson, C. A., & **Walsh, B.** (2024). What do you do when your child stutters? Resources that inform parents' typical responses. University Undergraduate Research and Arts Forum, East Lansing, MI. **[First place recipient]**

Maloney E., Jones D., Najor C., Derkacz, M., Ivanko, M., Gerwin, K. L., Johnson, C. A., & **Walsh, B.** (2024). Assessing the challenges faced by parents of children who stutter. University Undergraduate Research and Arts Forum, East Lansing, MI.

Jones, D. & **Walsh, B.** (2023). A thematic analysis of parents' concerns about their child's stuttering. Mid-Michigan Symposium for Undergraduate Research Experiences, East Lansing, MI.

Holmes, M. & **Walsh, B.** (2023). Hearing the voices of children: Uncovering their desired goals in stuttering therapy. University Undergraduate Research and Arts Forum, East Lansing, MI. **[First place recipient]**

Causley, K. & **Walsh, B.** (2023). The variability of children's stuttering and adverse impact. University Undergraduate Research and Arts Forum, East Lansing, MI

- Walsh, B.** (2023). Working with hard to reach populations. Guest speaker at the Health and Risk Communication Center.
- Walsh, B.** (Fall, 2022). How brain research sheds light on the cause of stuttering. Research article for the Stuttering Foundation of America's newsletter, Memphis, TN.
- Walsh, B.** (2022). The fork in the road: Developmental trajectories to stuttering persistence and recovery. Webinar presentation for the Stuttering Foundation of America, Memphis, TN.
- Savanna, K. & **Walsh, B.** (2022). Exploring the relationship between stuttering and ADHD. University Undergraduate Research and Arts Forum, East Lansing, MI.
- Rodriguez Davis, V. Yaruss, J. S. & **Walsh, B.** (2021). Covert Stuttering. Mid-Michigan Symposium for Undergraduate Research Experiences, East Lansing, MI.
- Walsh, B.** (2020). Research update: Disfluency characteristics of 4- and 5-year-old children who stutter and their relationship to stuttering persistence and recovery. Podcast presentation for the Stuttering Foundation, Memphis, TN.
- Walsh, B.** (2020). Challenges of data collection related to COVID-19. Presentation at the Speech Motor Control Workshop in the Department of Speech, Language, and Hearing, University of Texas at Dallas, Dallas, TX.
- Walsh, B.** (2019). Developmental trajectories to stuttering persistence and recovery. Presentation at the Cognitive Science Faculty Roundtable, Michigan State University, East Lansing, MI.
- Walsh, B.** (2016). Shedding light on the speaking brain: An fNIRS study in children who do and do not stutter. Presentation at the Department of Speech, Language, and Hearing Sciences Colloquium, Purdue University, West Lafayette, IN.
- Walsh, B.** & Brown, B. (2014). New directions in stuttering research with intervention strategies and ideas. Presentation at the Friends (The National Association for Young People Who Stutter) Conference, West Lafayette, IN.
- Walsh, B.** & Brown, B. (2014). Stuck on Words: Why do some children continue to stutter and others recover? Presentation to the Speech-Language Pathology Division of Greater Lafayette Area Special Services, Lafayette, IN.
- Walsh, B.** (2013). Speech motor performance in children who stutter. Presentation at the Department of Speech, Language, and Hearing Sciences Colloquium, Purdue University, West Lafayette, IN.
- Walsh, B.** (2007). Speech processes in individuals with Parkinson's disease. Presentation at the annual meeting of the Parkinson's Awareness Association of Central Indiana, Indianapolis, IN.
- Walsh, B.** (2007). Speech processes in Parkinson's disease. Presentation at the annual meeting of the Purdue University Neuroscience Program, West Lafayette, IN.
- Walsh, B.** (2005). Short-term changes in children's speech motor control. Presentation at the annual meeting of the Purdue University Neuroscience Program, West Lafayette, IN.

**Walsh, B.** (2004). Kinematic analyses of speech motor control. Presentation at the annual meeting of the Purdue University Neuroscience Program, West Lafayette, IN. [\*Selected for Best Student Presentation award].

**Walsh, B. & Gutek, J.** (2004). Lee Silverman Voice Treatment in Multiple Sclerosis: A case study. Invited research talk at the Multiple Sclerosis Support Group, Lafayette, IN.

**Walsh, B.,** (2003). Surviving your first ASHA convention. Presentation at the Purdue University NSSHLA chapter meeting, West Lafayette, IN.

**Walsh, B.** (2002). Developmental changes in speech motor control from late childhood through adolescence. Presentation at the Department of Audiology and Speech Sciences Colloquium, Purdue University, West Lafayette, IN.

## RESEARCH MENTORSHIP

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2025	Doctoral Committee Chair	Matthew Phillips	CSD	MSU
2025-	Doctoral Committee Member	Haley Warner	CSD	NYU
2025	Mentor	Trevor Moran	Building Bridges SRO	MSU
2024	Master's Committee Chair	Sarah Gundry	CSD	MSU
2024	Master's Committee Chair	Madelyn Holmes	CSD	MSU
2023	Mentor	Danielle Jones	SROP	MSU
2023-	Doctoral Committee Member	Molly Landers	CSD	MSU
2023-	Doctoral Committee Member	Jia Bin	CSD	MSU
2023-	Doctoral Committee Member	Amir Hossein Rasoli Jokar	CSD	MSU
2023-2024	Doctoral Committee Member	Nicole Tomassi	SLHS	Boston University
2023-2024	Master's Committee Member	Angelica Bernabe	CSD	MSU
2023-2024	Master's Committee Member	Erika Mueller	CSD	MSU
2022-2024	Postdoctoral Advisor	Chelsea Johnson	CSD	MSU
2023-2024	Master's Committee Member	Mariko Ito	CSD	MSU
2022-2023	Master's Committee Member	Breah Rapp	SLHS	Purdue University
2021-2025	Doctoral Committee Member	Megan Arney	CSD	MSU
2021-2023	Master's Committee Member	Kendra Peffers	CSD	MSU
2021-2022	Master's Committee Member	Megan Nylund	CSD	MSU

2021	Co-Mentor (with J. Scott Yaruss)	Vicenta Rodriguez	SROP	Xavier U, LA
2020-2022	Master's Committee Chair	Hannah Grobbel	CSD	MSU
2020-2021	Postdoctoral Advisor	Katelyn Gerwin	CSD	MSU
2020-2021	Postdoctoral Advisor	Seth E. Tichenor	CSD	MSU
2020-2021	Master's Committee Member	Danielle Zukowski	CSD	MSU
2020-2021	Master's Committee Member	Anthony Strevett	CSD	MSU
2019-2020	Doctoral Committee Chair	Gregory Spray	CSD	MSU
2019-2021	Master's Committee Member	Alex Hanania	CSD	MSU
2019-2021	Master's Committee Chair	Alexis Novelli	CSD	MSU
2019-2022	Doctoral Committee Member	Chelsea Johnson	CSD	MSU
2019-2021	Master's Committee Member	Angelica Wozniak	CSD	MSU
2019-2024	Doctoral Committee Member	Caryn Herring	CSD	MSU
2018-2020	Master's Committee Member	Julia Andary	CSD	MSU
2018-2019	Doctoral Committee Member	Yiling Liu	CSD	MSU
2018-2019	Doctoral Committee Member	Gregory Spray	CSD	MSU
2014-2017	Doctoral Committee Member	Evan Usler	SLHS	Purdue University
2015-2017	Master's Committee Member	Anna Bostian	SLHS	Purdue University
2014-2016	Master's Committee Member	Katelyn Lippitt	SLHS	Purdue University
2025	American Speech, Language, and Hearing Association appointed Researcher Partner in the Promoting the Next Generation of Researchers (PROGENY) program at the annual meeting of ASHA in Washington, D.C.			
2023	American Speech, Language, and Hearing Association appointed Researcher Partner in the Promoting the Next Generation of Researchers (PROGENY) program at the annual meeting of ASHA in Boston, MA.			
2023	American Speech, Language, and Hearing Association Research Mentoring-Pair Travel Award (RMPTA) (with University of Maryland master's student Allison Godsey) at the annual meeting of ASHA in Boston, MA.			
2022	American Speech, Language, and Hearing Association appointed Researcher Partner in the Promoting the Next Generation of Researchers (PROGENY) program at the annual meeting of ASHA in New Orleans, LA.			
2022	American Speech, Language, and Hearing Association appointed Reviewer for the Students Preparing for Academic Research Careers (SPARC) Award			

- 2021 American Speech, Language, and Hearing Association appointed Reviewer for the Students Preparing for Academic Research Careers (SPARC) Award
- 2021 American Speech, Language, and Hearing Association appointed Researcher Partner in the Promoting the Next Generation of Researchers (PROGENY) program at the annual meeting of ASHA in Washington, D.C.
- 2019 American Speech, Language, and Hearing Association appointed Researcher Partner in the Promoting the Next Generation of Researchers (PROGENY) program at the annual meeting of ASHA in Orlando, FL.
- 2018 Reviewer, Students Preparing for Academic & Research Careers SPARC Award, American Speech, Language, and Hearing Association
- 2018 American Speech, Language, and Hearing Association appointed Researcher Partner in the Promoting the Next Generation of Researchers (PROGENY) program at the annual meeting of ASHA in Boston, MA.
- 2016 American Speech, Language, and Hearing Association appointed Researcher Partner in the Promoting the Next Generation of Researchers (PROGENY) program at the annual meeting of ASHA in Philadelphia, PA.

## **PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS**

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Member of the International Fluency Association (IFA)

Affiliated faculty member for the Cognitive Science Program at Michigan State University

Member of the American Speech, Language, and Hearing Association (ASHA)

Special Interest Division: Fluency and Fluency Disorders

Member Clinicians and Researchers Collaborating (CLARC) through the American Speech, Language, and Hearing Association

Member of the Society for functional Near Infrared Spectroscopy (sfNIRS)

## **REVIEWER SERVICE**

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2011-Present American Journal of Speech Language Pathology, Brain, Developmental Science, Frontiers in Neuroscience, International Journal of Speech-Language Pathology, Journal of Communication Disorders, Journal of Fluency Disorders, Journal of Integrative Neuroscience, Journal of Speech, Language, and Hearing Research, Neurobiology of Language, Neurophotonics, Neuropsychologia, Neuroscience, PLOS One, Sage Publishing Co., Scientific Reports

Guest Editor-Journal of Speech, Language, and Hearing Research 2020; 2025