

Ignatius S. B. Nip, Ph.D., CCC-SLP

Professor and Director
School of Speech, Language, & Hearing Sciences
San Diego State University
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EDUCATION

Ph.D. University of Nebraska-Lincoln, Lincoln, NE, 2007
Human Sciences: Communication Disorders
Dissertation: Early speech motor development: The influences of cognitive and linguistic factors
M.S.L.P. University of Alberta, Edmonton, AB, Canada, 2001
Speech-Language Pathology
B.A. University of British Columbia, Vancouver, BC, Canada, 1999
Major: Speech Science, Minor: Linguistics

PROFESSIONAL EXPERIENCE

2024-present PROFESSOR
School of Speech, Language, and Hearing Sciences
San Diego State University, San Diego, CA
Joint Doctoral Program in Language & Communicative Disorders
San Diego State University / University of California – San Diego
2022-present SCHOOL DIRECTOR
School of Speech, Language, and Hearing Sciences
San Diego State University, San Diego, CA
2021-2022 INTERIM SCHOOL DIRECTOR
School of Speech, Language, and Hearing Sciences
San Diego State University, San Diego, CA
2013-present ASSOCIATE PROFESSOR
School of Speech, Language, and Hearing Sciences
San Diego State University, San Diego, CA
Joint Doctoral Program in Language & Communicative Disorders
San Diego State University / University of California – San Diego
2010-2013 ASSISTANT PROFESSOR
Joint Doctoral Program in Language & Communicative Disorders
San Diego State University / University of California – San Diego
2008-2013 ASSISTANT PROFESSOR
School of Speech, Language, and Hearing Sciences
San Diego State University, San Diego, CA
2004-2007 GRADUATE ASSISTANT
Dept. of Special Education and Communication Disorders
University of Nebraska – Lincoln, Lincoln, NE
2002-2004 SPEECH-LANGUAGE PATHOLOGIST
Renfrew Educational Services, Calgary, AB
2001-2002 SPEECH-LANGUAGE PATHOLOGIST
SHARE Family & Community Services, Coquitlam, BC

GRANTS & OTHER FUNDING

Current Funding

Quantifying Tongue Movement After Radiation Therapy in Patients with Oropharyngeal Cancer, American Speech-Language-Hearing Foundation New Century Scholars Grant, \$25000, 2019-2022, PI

Completed Funding

Orofacial Kinematics of Children with Cerebral Palsy, R03 DC012135/DC 0/NIDCD NIH HHS/United States; \$448,500, 2011-2015, PI

Oromotor Development of Toddlers with Cerebral Palsy, American Speech-Language-Hearing Foundation New Investigators Research Grant, \$5000, 2011-2012, PI

Cognitive and Linguistic Influences on Speech Motor Control of L2 in Adult Language Learners, Language Learning, \$9883, 2011-2012, Co-PI with Dr. K. Henrike Blumenfeld

The Influence of Speaker Intent on Speech Motor Planning, University Grants Program, San Diego State University, \$7092, 2010-2011, PI

Speech Movement Characteristics of Children with Cerebral Palsy, University Grants Program, San Diego State University, \$5792, 2009-2010, PI

Early Speech Motor Development, Natural Sciences and Engineering Research Council of Canada, Postgraduate Scholarship (Doctoral) PGS D2-331510-2006, \$42,000, 2006-2008

Nebraska Speech Language Hearing Endowment Student Research Award, \$1000, 2005

Teaching Grants

Supplemental Instruction for Speech Language and Hearing Science Majors, SDSU Student Success Initiatives, \$31,772, 2020-2021, PI

Increasing CA Workforce Capacity for Speech-Language Pathology, CSU Office of the Chancellor AB 1075 Funding, \$333,333, 2020-2023, co-PI

Anatomy and Physiology of Speech, Promising Course Redesign: Course Redesign with Technology, California State University, \$15,459, 2016-2017, PI

Other Funding

Women and Children's Health Research Institute Scientific Knowledge and Exchange Program, Edmonton, AB, Canada, \$1000, September 2012

ASHA Lessons for Success, Rockville, MD, April 2012

Unfunded Grant Applications

Predictors of treatment outcomes after loud or slow speech intervention in children with cerebral palsy, R01 NIDCD NIH HHS, PI. Submitted June 5, 2023.

Predicting response to speech intervention in children with cerebral palsy, R01 NIH-NINDS HHS/United States, PI. Submitted June 5, 2019.

Supporting San Diegans with Communication Disorders, Alliance Healthcare Foundation. \$25k. Co-PI. Submitted Oct. 31, 2019.

Pre-clinical trial of loudness and speaking rate in children with spastic cerebral palsy: a kinematic account of intelligibility, R01 NIH-NIDCD HHS/United States, PI. Submitted June 5, 2017 and revision submitted Mar. 5, 2019.

Mechanisms of neuromodulation for deep brain stimulation in Essential Tremor: I/O characterization using artificial intelligence, R01 NIH-NINDS HHS/United States, Co-I. PI: Baweja. Submitted Oct. 5, 2018

Speech movement changes after intensive voice and speech treatment: A pilot study, American Academy of Cerebral Palsy and Developmental Medicine, PI. Submitted April 18, 2018.

Developmental speech motor control processes in cerebral palsy and dysarthria, R01 DC015503 NIH-NIDCD HHS/United States, PI. Submitted Oct. 2015 and revision submitted July 2016

Neural correlates of speech movement deficits in children with cerebral palsy, K23 DC014053 NIH-NIDCD HHS/United States, PI. Submitted July 2014 and revision submitted Oct. 2014

PUBLICATIONS

* indicates publications completed with students

Peer-Reviewed Publications

- *Abbott, N., **Nip, I. S. B.**, & Love, T. (2024). Rate of speech affects the comprehension of pronouns in children with developmental language disorder. *Frontiers in Language Sciences*, 3. <https://doi.org/10.3389/flang.2024.1394742>
- Kim, Y., Thompson, A., & **Nip, I. S. B.** (2024). Effects of deep brain stimulation on speech: Perceptual and acoustic data. *Journal of Speech, Language, and Hearing Research*, 67, 1090-1106. https://doi.org/10.1044/2024_JSLHR-23-00511
- Nip, I. S. B.** (2024). Articulatory and vocal fold movement patterns during loud speech in children with cerebral palsy. *Journal of Speech, Language, and Hearing Research*, 67, 477-493. https://doi.org/10.1044/2023_JSLHR-23-00411
- ***Nip, I. S. B.**, Arias, C. R., Corcoran, J., Ishihara, N., & Goble, D. J. (2023). Proprioceptive acuity influences speech motor control in healthy adult talkers. *Journal of Speech, Language, and Hearing Research*. https://doi.org/10.1044/2023_JSLHR-23-00149
- ***Nip, I. S. B.**, Burke, M. M., & Kim, Y. (2023). The effects of deep-brain stimulation on speech motor control in people with Parkinson's disease. *Journal of Speech, Language, and Hearing Research*. 66, 804-819. https://doi.org/10.1044/2022_JSLHR-22-00443
- Allison, K., **Nip, I. S. B.**, & Rong, P. Y. (2022). Utility of automated kinematic diadochokinesis analysis for the identification of dysarthria in children. *American Journal of Speech-Language Pathology*, 31, 2835-2846. https://doi.org/10.1044/2022_AJSLP-21-00241
- Blumenfeld, H. K., Sanabria, A., & **Nip, I. S. B.** (2022). Native language and second language convergence and second language instruction shape speech-language performance in adult learners. *Journal of Speech, Language and Hearing Research*, 65, 970-981. https://doi.org/10.1044/2021_JSLHR-21-00382
- Nip, I. S. B.** & Garellek, M. (2021). Voice quality of children with cerebral palsy. *Journal of Speech, Language, and Hearing Research*, 64, 3051-3059. https://doi.org/10.1044/2021_JSLHR-20-00633
- Nip, I. S. B.** & Roth, C. R. (2018). Anarthria. In Kreutzer, J. S., DeLuca, J. & Caplan, B. (2018). *Encyclopedia of Clinical Neuropsychology*. Cham, Switzerland: Springer.
- Roth, C. R. & **Nip, I. S. B.** (2018). Dysarthria. In Kreutzer, J. S., DeLuca, J. & Caplan, B. (2018). *Encyclopedia of Clinical Neuropsychology*. Cham, Switzerland: Springer.
- ***Nip, I. S. B.**, Wilson, E. M., & Kearny, L. (2018). Spatial characteristics of jaw movements during chewing of children with cerebral palsy: A pilot study. *Dysphagia*, 33, 33-40.
- Nip, I. S. B.** & Wilson, E. M. (2017). Beyond eyes and ears: The need for movement analysis of speech and nonspeech behaviors in children with cerebral palsy. *Perspectives on Neurogenic Communication Disorders Vol. 2 (SIG 2)*, 77-87.
- ***Nip, I. S. B.**, Arias, C. R., Morita, K., & Richardson, H. (2017). Initial observations of lingual movement characteristics of children with cerebral palsy. *Journal of Speech, Language, & Hearing Research*, 60, 1780-1790.
- Nip, I. S. B.** (2017). Interarticulator coordination in children with and without cerebral palsy. *Developmental Neurorehabilitation*, 20, 1-13. <http://dx.doi.org/10.3109/17518423.2015.1022809>
- Nip, I. S. B.** & Blumenfeld, H. K. (2015). Proficiency and linguistic complexity influence speech motor performance and control in Spanish language learners. *Journal of Speech, Language, & Hearing Research*, 58, 653-668.
- Nip, I. S. B.** & Green, J. R. (2013). Increases in cognitive and linguistic processing primarily account for increases in speaking rate with age. *Child Development*, 84, 1324-1337. doi: 10.1111/cdev.12052
- *Barlow, J. A., Branson, P. E., & **Nip, I. S. B.** (2013). Phonetic equivalence in the acquisition of /l/ by Spanish-English bilingual children. *Bilingualism: Language and Cognition*, 16, 68-85.
- Nip, I. S. B.** (2013). Kinematic characteristics of speaking rate in individuals with cerebral palsy: A preliminary study. *Journal of Medical Speech-Language Pathology*, 20, 88-94.

- Wang, Y.T., **Nip, I. S. B.**, Green, J. R., Kent, R. D., Kent, J. F., & Ullman, C. (2012). Accuracy of perceptual and acoustic methods for the detection of inspiratory loci in spontaneous speech. *Behavior Research Methods*, 44, 1121-1128.
- Wilson, E. M. & **Nip, I. S. B.** (2012). Development of the oromotor functions for speech. In Roig-Quills, M. & Pennington, L. (eds.) *Oro-motor Disorders in Childhood* (pp. 45-62). Barcelona: Viguera.
- Nip, I. S. B.**, Green, J. R., & Marx, D. B. (2011). The coemergence of cognition, language, and speech motor control in early development: A longitudinal correlation study. *Journal of Communication Disorders*, 44, 149-160.
- Green, J. R., **Nip, I. S. B.**, Wilson, E., M., Mefferd, A. S., & Yunusova, Y. (2010). Lip movement exaggerations during infant directed speech. *Journal of Speech, Language, and Hearing Research*, 53(6), 1529-1542.
- Wang, Y.T., Green, J. R., **Nip, I. S. B.**, Kent, R. D., Kent, J. F., & Ullman, C. (2010). Accuracy of perceptually-based and acoustically-based inspiratory loci in reading. *Behavior Research Methods*, 42(3), 791-7.
- Wang, Y.T., Green, J. R., **Nip, I. S. B.**, Kent, R. D., & Kent, J. F. (2010). Breath group analysis for reading and spontaneous speech in healthy adults. *Folia Phoniatrica et Logopaedica*, 62(6), 297-302. doi: 10.1159/000316976
- Green, J.R., & **Nip, I. S. B.** (2010). Some organization principles in early speech development. In B. Maassen & P.H.H.M. van Lieshout (Eds.) *Speech motor control: New developments in basic and applied research* (pp. 171-188). NC: Oxford University Press.
- Nip, I. S. B.**, Green, J. R., & Marx, D. B. (2009). Early speech motor development: Cognitive and linguistic factors. *Journal of Communication Disorders*, 42, 286-298. doi: 10.1159/000316976
- Fager, S. K., Green, J. R., **Nip, I. S. B.**, & Hakel, M. (2006). Facial kinematics of a speaker with palatal lift following brainstem impairment. *Journal of Medical Speech-Language Pathology*, 14(4), 235-240

Invited Non Peer-Reviewed Publications

- Wilson, E. M. & **Nip, I. S. B.** (2010). Physiologic studies provide new perspectives on early speech development. *Perspectives on Speech Science & Orofacial Disorders*, 20, 29-36.

Abstracts and Proceedings

- Nip, I. S. B.** & Garellek, M. (2017). Voice quality analysis of children with cerebral palsy during sustained phonation and story retell. *Stem-, Spraak-en Taalpathologie*, 22(Supp.), 110
- Nip, I. S. B.** (2015). Cognitive and linguistic influences on speech motor development. *Journal of Acoustical Society of America*, 138, 1895.
- Nip, I. S. B.** & Wilson, E. M. (2014). Jaw kinematics of chewing in children with cerebral palsy. *Developmental Medicine and Child Neurology*, 56(S5), 77-78.
- Boliek, C. A., **Nip, I. S. B.**, & Fox, C. M. (2012). Respiratory, laryngeal and articulatory behaviors during speech and non-speech tasks in children with cerebral palsy: New evidence of function from cutting edge research methodologies. *Developmental Medicine and Child Neurology*, 54, 19-20
- Green, J. R., **Nip, I. S. B.**, Wilson, E., & Mefferd, A. (2008). Articulatory exaggerations during infant directed speech. *The Journal of Acoustical Society of America*, 123, 3077
- Green, J. R., Phan, L., **Nip, I. S. B.**, & Mefferd, A. (2006). A real-time articulatory controlled vowel synthesizer for research on speech motor learning. *Stem-, Spraak-en Taalpathologie*, 14(Supp.), 46
- Wang, Y.T., Kent, R. D., **Nip, I. S. B.**, Green, J. R., & Kent, J. F. (2006). Aerodynamic validation of perceptually-based breath group determination. *Stem-, Spraak-en Taalpathologie*, 14(Supp.), 32

INVITED PRESENTATIONS

- Nip, I. S. B.** & Harris Wright, H. (2023). Your next career step for faculty. Presented at the Pathways Conference of the American Speech-Language-Hearing Association, Rockville, MD.
- Nip, I. S. B.**, Allison, K., Darling-White, M., & Connaghan, K. (2019). Assessing dysarthria in children: Translating research to practice. Paper presented at the 2019 Annual Meeting of the American Speech-Language-Hearing Association, Orlando, FL.
- Nip, I. S. B.** (2018). Objective quantification of oral movements in dysarthria and dysphagia. Invited talk for

- the Head and Neck Directors, Moores Cancer Center, University of California – San Diego.
- Nip, I. S. B.** (2016). Treating dysarthria in children with cerebral palsy. Invited talk for the University of Redlands, Redlands, CA.
- Nip, I. S. B.** (2016). Articulatory motor control of children with cerebral palsy. Invited talk for the Phonetics Seminar, Department of Linguistics, University of California – Los Angeles.
- Nip, I. S. B.** (2015). Cognitive and linguistic influences of speech motor development. Paper presented at the 170th Meeting of the Acoustical Society of America, Jacksonville, FL
- Green, J.R., Hogan, T., **Nip, I. S. B.**, Wilson, E. M. (2013). Thinking about a PhD? Information session for prospective doctoral students. Paper presented at the 2013 Annual meeting of the American Speech-Language-Hearing Association, Chicago, IL.
- Hustad, K. C., **Nip, I. S. B.**, Patel, R., & Ward, M. (2013). Cerebral Palsy: Speech, language, & cognition throughout the life span. Paper presented at the 2013 Annual meeting of the American Speech-Language-Hearing Association, Chicago, IL.
- Nip, I. S. B.** (2012). Cognitive and linguistic influences of speech motor control in typical and disordered speech development. Invited talk at the Developmental Forum, Department of Psychology, UCLA, Los Angeles, CA.
- Nip, I. S. B.** (2012). Articulatory kinematic characteristics of children with cerebral palsy. Invited talk at the University of Alberta, Edmonton, AB
Funded by the Women and Children's Health Research Institute Scientific Knowledge and Exchange Program
- Hustad, K. C., Patel, R., **Nip, I. S. B.**, & Boliek, C. A. (2011). Cutting-edge approaches for working with children with cerebral palsy. Paper presented at the 2011 Annual meeting of the American Speech-Language-Hearing Association, San Diego, CA.
- Nip, I. S. B.** & Green, J. R. (2008). Early speech motor development: cognitive and linguistic considerations. Paper presented at the annual American Speech-Language-Hearing Association, Chicago, IL as part of the ASHA Research Symposium sponsored by the NIDCD.
- Nip, I. S. B.**, & Green, J.R. (2006). NSLHF Research grant recipient presentation: A kinematic view of the development of speaking rate. Paper presented at the Annual Meeting of the Nebraska Speech Language Hearing Association, Kearney, NE

PRESENTATIONS

* indicates presentations completed with students

- Nip, I. S. B.** (2024). Production of slow speech in children with cerebral palsy: Acoustic and kinematic characteristics. Paper presented at the 2024 Annual Meeting of the American Speech-Language-Hearing Association, Seattle, WA.
- Nip, I. S. B.**, Allison, K., Case, J., Iuzzini-Siegel, J., Kent, R. D., Maas, E., Schölderle, T., Terband, H., Wallace, S., & Hayden, D. (2024). An e-Delphi study on the assessment of pediatric motor speech disorders. Paper presented at the 2024 Conference on Motor Speech, San Diego, CA.
- Nip, I. S. B.** (2024). Speech motor control changes associated with slow speech in children with cerebral palsy. Paper presented at the 2024 Conference on Motor Speech, San Diego, CA.
- *Elden, M. & **Nip, I. S. B.** (2023). Influence of phonetic complexity on speech motor control in children with cerebral palsy. Paper presented at the Annual Biomedical Research Conference for Minoritized Scientists, Phoenix, AZ.
Presentation Award for Senior Student in Social and Behavioral Sciences and Public Health
- Nip, I. S. B.** (2023). A slow speech protocol to improve intelligibility in a child with dysarthria secondary to cerebral palsy. Paper presented at the 2023 Annual Meeting of the American Speech-Language-Hearing Association, Boston, MA.
- Gallagher, J., Abel, A., & **Nip, I. S. B.** (2023). Training the next chapter of SLPs: Graduate students' self-assessment of bias in children's book selection. Paper presented at the 2023 Annual Meeting of the American Speech-Language-Hearing Association, Boston, MA.

- *Nagai, T., **Nip, I. S. B.**, & Solomon, N. (2023). The effect of training jaw stability on speech sound production in one child with SSD. Paper presented at the Annual Convention of the California Speech-Language-Hearing Association.
- Kim, Y., Thompson, A., & **Nip, I. S. B.** (2022). Effects of deep brain stimulation on speech in Parkinson's disease: Perceptual and acoustic data. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
- Nip, I. S. B.** (2022). Vocal fold articulation of talkers with Parkinson's disease and DBS during loud and slow speech. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
- *Nagai, T., **Nip, I. S. B.**, & Solomon, N. (2022). Jaw stability training and standard speech therapy in children with speech sound disorders: A single-subject experimental design study. Paper presented at the Annual Meeting of the International Association of Orofacial Myology, Kansas City, MO.
- Maas, E., Schölderle, T., Williams, P., Hayden, D., Iuzzini-Seigel, J., Kent, R., Murray, E., **Nip, I. S. B.**, & Terband, H. (2022). Pediatric motor speech disorders: A panel discussion on a consensus Delphi project. Paper presented at the 8th International Conference on Speech Motor Control, Groningen, Netherlands.
- ***Nip, I. S. B.**, Green, H., & Burke, M. M. (2022). The effects of deep-brain stimulation on vocal fold articulation in talkers with Parkinson's disease. Paper presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Nip, I. S. B.** & Bates, E. (2022). Effect of online Supplemental Instruction in undergraduate communication disorders courses. Paper presented at the Annual Conference of the Council on Academic Programs in Communication Sciences and Disorders, Portland, OR.
- Nip, I. S. B.** & Guarcello, M. (2022). Using multiple sources of data to predict success in an undergraduate course. Paper presented at the Annual Conference of the Council on Academic Programs in Communication Sciences and Disorders, Portland, OR.
- ***Nip, I. S. B.**, Green, H., & Burke, M. M. (2022). Vocal fold articulation in talkers with Parkinson's disease and deep- brain stimulation. Paper presented at the 2022 Conference on Motor Speech, Charleston, SC.
- ***Nip, I. S. B.** & Burke, M. M. (2021). Movement variability and coordination of loud and slow speech in Parkinson's Disease and DBS. Paper presented at the 2021 Annual Convention of the American Speech-Language-Hearing Association, Washington, DC.
- *Scherer, S., Burke, M. M., & **Nip, I. S. B.** (2020). Movement variability in clear, loud, and slow speech in Parkinson's Disease and deep-brain stimulation. Proposal accepted at the 2020 Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).
- ***Nip, I. S. B.** & Burke, M. M. (2020). Comparison of slow, loud, and clear speech in people with Parkinson's Disease with and without deep-brain stimulation. Paper presented at the 20th Biennial Conference on Motor Speech: Motor Speech Disorders and Speech Motor Control, Santa Barbara, CA.
- Allison, K., **Nip, I. S. B.**, Rong, P., Hogan, T., & Green, J. R. (2019). Utility of automated diadochokinesis analysis for differential diagnosis of pediatric motor speech disorders. Paper presented at 2019 Annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.
- ***Nip, I. S. B.** & Burke, M. M. (2019). Speech movements of adults with Parkinson's disease with and without deep-brain stimulation. Paper presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- ***Nip, I. S. B.** & Williams, C. (2018). Preliminary model of articulatory control in children with cerebral palsy. Paper presented at 2018 Annual meeting of the American Speech-Language-Hearing Association, Boston, MA.
- *Burke, M. M. & **Nip, I. S. B.** (2018). Speech movements of adults with Parkinson's Disease with and without deep brain stimulation. Paper presented at 2018 Annual meeting of the American Speech-Language-Hearing Association, Boston, MA.
- Nip, I. S. B.** & Garellek, M. (2017). Voice quality of children with cerebral palsy during sustained phonation and narrative production. Paper presented at 2017 Annual meeting of the American Speech-Language-Hearing Association, Los Angeles, CA.
- Nip, I. S. B.**, Arias, C., Corcoran, J., Ishihara, N., & Goble, D. (2017). The role of lingual proprioception in speech production. Paper presented at 2017 Annual meeting of the American Speech-Language-Hearing Association, Los Angeles, CA.

Association, Los Angeles, CA.

- Nip, I. S. B.** & Garellek, M. (2017). Voice quality analysis of children with cerebral palsy during sustained phonation and story retell. Paper presented at the 7th International Conference on Speech Motor Control, Groningen, The Netherlands.
- ***Nip, I. S. B.**, Bristow, K., & Hine, C. (2016). Speech motor control changes in children with cerebral palsy after LSVT-LOUD. Paper presented at the 2016 Annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.
- ***Nip, I. S. B.**, Arias, C., Morita, K., & Richardson, H. (2016). Lingual movement characteristics of children with cerebral palsy. Paper presented at the 18th Biennial Conference on Motor Speech: Motor Speech Disorders and Speech Motor Control, Newport Beach, CA.
- ***Nip, I. S. B.**, Bristow, K., Hine, C., & Lopes, C. (2016). Speech movement characteristics of children with cerebral palsy after LSVT-LOUD. Paper presented at the 18th Biennial Conference on Motor Speech: Motor Speech Disorders and Speech Motor Control, Newport Beach, CA.
- ***Nip, I. S. B.**, Bristow, K., Coyne, L., & Hefner, B. (2015). The effect of loudness on speech motor control in children with cerebral palsy. Paper presented at the 2015 Annual meeting of the American Speech-Language-Hearing Association, Denver, CO.
- ***Nip, I. S. B.**, Zozulya, T., Kempf, L., & Yee, A. (2015). Vowel space changes due to impaired speech movements in children with cerebral palsy. Paper presented at the 2015 Annual meeting of the American Speech-Language-Hearing Association, Denver, CO.
- Nip, I. S. B.** & Wilson, E. M. (2014). Jaw kinematics of chewing in children with cerebral palsy. Paper presented at the 2014 Annual Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, San Diego, CA.
- ***Nip, I. S. B.** (2014). The influence of linguistic complexity on speech motor control in children with CP. Paper presented at the 2014 Conference on Motor Speech, Sarasota, FL.
- ***Nip, I. S. B.**, Kearney, L., & Wilson, E. M. (2013). A kinematic description of jaw motion for chewing in children with cerebral palsy. Paper presented at the 2013 Annual meeting of the American Speech-Language-Hearing Association, Chicago, IL.
- *Udoff, J. & **Nip, I. S. B.** (2013) Mouthings and their reductions: A kinematic approach. Paper presented at the Theoretical Issues in Sign Language Research Conference, London, UK.
- Nip, I. S. B.** (2012). Kinematic correlates of speaking rate in individuals with cerebral palsy. Paper presented at the 2012 Annual meeting of the American Speech-Language-Hearing Association, Atlanta, GA.
- *Blumenfeld, K. H., Adams, A. A., & **Nip, I. S. B.** (2012). Speech-language and cognitive aspects of late second-language learning. Paper presented at the 2012 Annual meeting of the American Speech-Language-Hearing Association, Atlanta, GA.
- Nip, I. S. B.** & Blumenfeld, K. H. (2012). Speech movement variability in individuals learning Spanish. Paper presented at the 2012 Annual meeting of the American Speech-Language-Hearing Association, Atlanta, GA.
- Boliek, C. A., **Nip, I. S. B.**, & Fox, C. (2012). Respiratory, laryngeal and articulatory behaviors during speech and non-speech tasks in children with cerebral palsy: New evidence of function from cutting edge research methodologies. Paper presented at the 2012 Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine, Toronto, ON.
- Nip, I. S. B.** (2012). Kinematic characteristics of children with cerebral palsy: A preliminary study. Paper presented at the 2012 Conference on Motor Speech, Santa Rosa, CA.
- Mefferd, A. S., **Nip, I. S. B.**, Green, J. R. (2012). The relative contribution of lower lip and jaw across the lifespan. Paper presented at the 2012 Conference on Motor Speech, Santa Rosa, CA.
- *Yang, D. D., **Nip, I. S. B.**, & Love, T. (2012). Influence of speaker intent on speech movement variability. Paper presented at the 2012 Conference on Motor Speech, Santa Rosa, CA.
- *Branson, P., Barlow, J. A. & **Nip, I. S. B.** (2011). Acoustic properties of /l/ in Spanish-English bilingual children. Paper presented at the 2011 Annual meeting of the American Speech-Language-Hearing Association, San Diego, CA.
- ***Nip, I. S. B.**, Homampour A., & Merkel, A. (2010). Speech movement stability of children with cerebral palsy: Preliminary findings. Paper presented at the 2010 Annual meeting of the American Speech-

Language Hearing Association, Philadelphia, PA.

- *Yang, D., **Nip, I. S. B.**, Love, T., & Shapiro, L. M. (2010) Semantic influences on speech motor performance. Paper presented at the 2010 Annual meeting of the American Speech-Language Hearing Association, Philadelphia, PA.
- *Udoff, J., **Nip, I. S. B.**, & Emmorey, K. (2010). The phonological representation of the non-dominant hand: Evidence from articulatory compensation in ASL. Paper presented at the Theoretical Issues in Sign Language Research Conference, West Lafayette, IN.
- Nip, I. S. B.** & Green, J. R. (2010). Co-Emergence of speech, language, and cognition: An exploratory study. Paper presented at the 2010 Joint Meeting of the Conceptual Structure, Discourse, and Language, and Embodied and Situated Language Processing, San Diego, CA
- Nip, I. S. B.** & Green, J. R. (2010). Cognitive and linguistic influences on speech movement variability. Paper presented at the 2010 Conference on Motor Speech, Savannah, GA.
- Nip, I. S. B.** (2009). Speech kinematics in children with cerebral palsy: Preliminary results from two participants. Paper presented at the 2009 Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
- Nip, I. S. B.** & Green, J. R. (2009). Developmental changes in speech movement stability: Task effects. Paper presented at the 2009 Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
- Green, J. R., **Nip, I. S. B.**, Wilson, E. M., & Mefferd, A. S. (2008). Articulatory exaggerations during infant directed speech. Joint meeting of the Acoustical Society of America and the European Acoustics Association, Paris, France.
- Nip, I. S. B.** & Green, J. R. (2008). Articulatory speed from 9 to 21 months. Paper presented at the Conference on Motor Speech, Monterey, CA.
- Green, J. R., **Nip, I. S. B.**, Mefferd, A. S., Labarge, L., & Wilson, E. M. (2007). Articulatory modifications during infant directed speech. Paper presented at the 2007 Annual meeting of the American Speech-Language Hearing Association, Boston, MA.
- Green, J. R., Phan, L., **Nip, I. S. B.**, & Mefferd, A. (2006). A real-time articulatory controlled vowel synthesizer for research on speech motor learning. Paper presented at the 5th International Conference on Speech Motor Control, Nijmegen, Netherlands.
- Wang, Y. T., Kent, R. D., **Nip, I. S. B.**, Green, J. R., & Kent, J. F. (2006). Aerodynamic validation of perceptually-based breath group determination. Paper presented at the 5th International Conference on Speech Motor Control, Nijmegen, Netherlands.
- Nip, I. S. B.**, & Green, J. R. (2006). The development of speaking rate: a kinematic perspective. Paper presented at the Conference on Motor Speech, Austin, TX.
- Nip, I. S. B.**, & Green, J. R. (2005). A kinematic perspective of the development speaking rate: preliminary findings. Paper presented at the Annual Meeting of the American Speech Language Hearing Association, San Diego, CA.
- Nip, I. S. B.**, & Green, J. R. (2005). The development of speaking rate: a kinematic perspective (preliminary findings). Paper presented at the Annual Meeting of the Nebraska Speech Language Hearing Association, Kearney, NE.

TEACHING EXPERIENCE

Courses Taught

SLHS 106 Introduction to Speech, Language, & Hearing Sci (online), SDSU	2020-2021
SLHS 321 Anatomy, Neurology, and Physiology of Speech, SDSU	2008-2009, 2015-2017
SLHS 503 Low Incidence Communication Disorders, SDSU	2009-2010
SLHS 503 Advanced Speech Physiology, SDSU	2011- 2012, 2014
SLHS 606 Voice, Resonance, and Fluency Disorders, SDSU	2010-2020
SLHS 608 Acquired Neuromotor Speech Disorders, SDSU	2008-2021
SLHS 617 Diagnostic Methods in Speech-Language Path, SDSU, (co-instructor)	2020

SLHS 675 Augmentative Communication, SDSU	2011-2012, 2015-2021
SLPA 853 Neural Foundations of Speech and Language, UNL, co-instructor	2004, 2005

Doctoral Advising and Doctoral Committees

- Nagai, T. (2023). *The effect of training jaw stability on jaw lateralization and speech production*. Rocky Mountain University of Health Professions Doctor of Clinical Science Program, Committee Member.
- Brodzowski, C. (2018). *The role of sign language experience in action and language forward models*. SDSU/UCSD Joint Doctoral Program in Language and Communicative Disorders, Committee Member.
- Lai, P. (2015). *Characterizing the social and affective phenotype of individuals with neurodevelopmental disorders*. SDSU/UCSD Joint Doctoral Program in Language and Communicative Disorders, Committee Member.
- Udoff, J. (2014). *Mouthings in American Sign Language: Biomechanical and representational foundations*. SDSU/UCSD Joint Doctoral Program in Language and Communicative Disorders, Co-Chair.

AuD Doctoral Committees

- Aiache, T. (expected 2027). *The agreement between objective audiometric results and subjective measures in older U.S. Latino adults with hearing loss*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Koyle, A. (expected 2027). *Short-term repeatability of extended-high frequency distortion product otoacoustic emissions as collected by two clinical systems*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Brabante-McNiece, C. (expected 2027). *Determining the short-term repeatability for the measurement of extended-high frequency distortion product otoacoustic emissions with probe removal and reinsertion using two clinically available DPOAE systems*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Ortiz, T. (expected 2026). *Equipment comparison for the measurement of extended-high frequency distortion product otoacoustic emissions*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Marvizon, E. (expected 2026). *Usability of over-the-counter hearing aids: A mixed methods study*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Johnson, S. (expected 2025). *Normative test results and equipment differences for middle ear susceptance at 2000 Hz*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Weeks, T. (expected 2025). *Thematic analysis of patient perceptions of the iManage program*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Yuen, M. (expected 2025). *Effect of pressure rate on multifrequency tympanometric susceptance notch at 2000 Hz*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Earles, L. (2024). *Efficacy of the "iManage (my hearing)" program*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Shur, E. (2023). *Development of materials for a self-administered 8-alternative forced-choice word-recognition test*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Rao, K. (2022). *Predictors of hearing related stress of persons with acquired hearing loss*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Bradley, J. (2021). *Noise acceptability criteria used by persons with hearing loss*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Yang, J. (2021). *The effects of person-related factors on individual differences of cognitive performance in noise*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Baroody, B. (2021). *Relations between the patterns of cardiac reflexive responses and subjective noise tolerance and its associated criteria*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Kite, D. (2020). *Optimal frequency ratio and its repeatability for evoking 2F₁-F₂ at conventional and high frequencies in children*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.

- Retana, J. (2020). *The effect of controller configuration on self-adjusted amplification output by individuals with hearing loss*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Nguyen, C. (2019). *An analysis of the form equivalence, practice effects, and noise performance function of the consonant contrast test*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Doolittle, S. (2019). *Endocytosis and endocytotic signaling in spiral ganglion neurons*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Thrall, B. (2019). *Relations of heart-rate variability and self-esteem measures in adults with hearing loss*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Hefner, B. (2018). *The effects of music exposure on two types of otoacoustic emissions*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Cable, A. B. (2017). *Interprofessional education: Improving collaboration between the fields of nursing and audiology at SDSU*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Lithgow, A. (2017). *A comparison of self-adjusted amplification settings vs. current hearing aid settings of experienced hearing aid users*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Johnson, C. (2017). *Descriptive analysis of tinnitus with normal hearing and hearing loss*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Datuin, M. (2017). *Accuracy of automated and self-estimated pure-tone thresholds relative to conventional audiometry*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Thakkar, A. (2017). *Testing effectiveness of 'lipoflavonoids' in tinnitus treatment*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Chwastyk, A. M. (2016). *Maximizing music enjoyment: reverberation time preferences of cochlear implant recipients and normal hearing listeners*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Tsang, J. C. (2016). *Repeatability of high frequency distortion product otoacoustic emission group delay in normal-hearing children*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Kearny, L. (2016). *The effects of social evaluation and task demand on performance and indices of communication-related stress*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Crawford, K. (2016). *DPOAE source contribution: Repeatability in younger and older children*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Coats, J. (2015). *Speech audiometry results in HIV+ and HIV- adults*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Chou, C. (2015). *Correlation between usage patterns of portable listening devices and noise induced hearing loss in young adults*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Rhee, L. (2015). *Feasibility of recording oVEMP using a horizontal surface-recording electrode montage*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Baxter, S. (2015). *Relations between domain-specific sound tolerance and executive function*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Lane, M. (2015). *The effects of noise types on subjective ratings of acceptance of background noise*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.
- Louie, M. (2015). *Determining racial differences in audiologic measurements using an advanced calibration method*. SDSU/UCSD Joint Doctoral Program in Audiology, Committee member.

Masters Advising and Masters Thesis Committees

- Bettcher, J. (2013). *Discrimination of emotional facial expressions in children with perinatal lesions*. Master's thesis, Department of Psychology, San Diego State University, Committee Member
- Hansen, S. L. (2011). *Tone and related issues in Dzongkha: A phonetic analysis*. Master's thesis, Department of Linguistics, San Diego State University, Committee Member

University Honors Thesis Committee

- Branson, P. (2011). *Acoustic properties of /l/ as produced by English monolingual, Spanish monolingual, and Spanish-English bilingual children: A retrospective study*. Undergraduate honors thesis, San Diego State University Honors Program

University and SLHS Honors Thesis

Magnus, J. (2009). *Speech motor coordination in adults and children: Task effects*. Undergraduate honors thesis, School of Speech, Language, and Hearing Sciences, San Diego State University Honors Program

SDSU Student Research Symposium

Harris, C., Greenbergs, S., Isteeppo, R., & Shearon, E. (2023). Dysarthria in children & adolescents with cerebral palsy: A kinematic study. Paper presented at the annual Student Symposium, San Diego State University

Campos, S. & Miodovski, A. (2020). Head and neck cancer: Disease and treatment impact on speech physiology. Paper presented at the annual Student Research Symposium, San Diego State University
Provost's Award: Health & Human Services

Bautista, E., Childers-Reid, C., Segal, E., & Takahashi, C. (2019). Speech movements in individuals with Parkinson's disease and deep-brain stimulation. Paper presented at the annual Student Research Symposium, San Diego State University.
Provost's Award: Health & Human Services

Williams, C. (2018). *A preliminary model of speech intelligibility in children with cerebral palsy*. Paper presented at the annual Student Research Symposium, San Diego State University.
Research Award for Diversity, Inclusion, and Social Justice

Arias, C., Corcoran, J., & Ishihara, N. (2016). *The relationship between lingual proprioception and speech production*. Paper presented at the annual Student Research Symposium, San Diego State University.

Zozulya, T., Kempf, L., & Yee, A. (2015). *Acoustic changes due to impaired speech movements in children with cerebral palsy*. Paper presented at the annual Student Research Symposium, San Diego State University.
Research Award for Diversity, Inclusion, and Social Justice

Bristow, K., Coyne, L., & Hefner, B. (2014). *The effect of loudness on speech movements in children with cerebral palsy*. Paper presented at the annual Student Research Symposium, San Diego State University.
Provost's Award for Research and Scholarship

Kearney, L. (2013). *Kinematic characteristics of chewing in children with cerebral palsy*. Paper presented at the annual Student Research Symposium, San Diego State University.
Provost's Award for Research and Scholarship

Yang, D. (2010). *Semantic influences on speech motor performance*. Paper presented at the annual Student Research Symposium, San Diego State University.

Homampour, A. & Merkel, A. (2010). *Speech movement stability in individuals with cerebral palsy*. Paper presented at the annual Student Research Symposium, San Diego State University.

Magnus, J. (2009). *Speech motor coordination in adults and children: Task effects*. Paper presented at the annual Student Research Symposium, San Diego State University.

Student Funding

Williams, C. (2017). *A preliminary model of speech intelligibility in children with cerebral palsy*. Summer undergraduate research grant, San Diego State University.

Arias, C. (2015). *Lingual speech movements of children with cerebral palsy*. Summer undergraduate research grant, San Diego State University.

PROFESSIONAL ACTIVITIES

Service for the School of Speech, Language, and Hearing Sciences, SDSU

School Director	2022-present
Interim School Director	2021-2022
Program Director, SLP	2019-present

Speech-Language Division	Head	2019-2021
CCN Executive Committee	Member	2019-present
Speech-Language Division	Member	2008-2019
Admissions Committee	Member	2009
	Co-Chair	2011-2012
	Chair	2012-2019
MA Student Advisor	Advisor	2009-present
MA Graduate Advisor	Advisor	2015-2021, 2023-present
Personnel Committee	Member	2013-present
Scholarship Committee	Member	2009-2011
Special Events Committee	Member	2009-2012
Search Committee, Sp. Lang. Path.	Chair	2019-2020
Search Committee, Adult Lang	Chair	2017-2018
Search Committee, CCN	Member	2014-15; 2015-16
Search Committee, Speech Scientist	Chair	2013-2014
Search Committee, Clinical Supervisor	Member	Summer 2010, 2020
Information Technology Committee	Member	2010-2014
Strategic Plan Tracking Committee	Chair	2018-present
SLHS Newsletter	Editor	2018-2019
Electronic Medical Records for SL Clinic	Chair	2017-2018
Final Exam (Portfolio) Implementation	Chair	2018-2019

Service for the SDSU/UCSD Joint Doctoral Program in Language & Communicative Disorders

Co-Presenter, doctoral workshop: *Preparing for the Job Market*, May 2010

Service for the College of Health and Human Services, SDSU

Executive Leadership Team, 2021-present

Marshall, Convocation, 2010, 2011, 2013

Special Events Committee, 2010-2014

Service for San Diego State University

Search Committee for the Dean of SDSU Global Campus, Chair, 2022-23

SDSU Flexible Course Design Institute Faculty Peer Mentor, Summer 2020, Winter 2021, Summer 2021

Information Technology Governance Steering Committee, 2018-2020

Data Analytics and Reporting Working Group, Faculty Co-Chair, 2018-2020

Reviewer, SDSU LGBTQ+ Studies Program Review, 2018

Data Champion, 2017-2020

Member, Panel for Administrative Review of the Dean of the College of Health and Human Services, 2015

Senator, SDSU Faculty Senate, 2013-2016

Judge for Student Research Symposium, 2009, 2011, 2012, 2014, 2015, 2017, 2018

Panel of 2nd year faculty for new faculty orientation, 2009

SafeZones Ally Training, 2008

Service for the community of San Diego

Health Action Resource Team, 2012-2018

Community Advisory Board for Community Engagement, Clinical & Translational Research Institute, 2014-2021

Other Professional Activities

Member, American Speech-Language-Hearing Association Article Peer-Reviewer Training Advisory Committee, 2024-

External Reviewer for Promotion and Tenure, Oregon Health & Science University, 2023

External Reviewer for Promotion and Tenure, University of Arizona, 2023
 Mentor, American Speech-Language-Hearing Association Pathways Program, 2023-2024
 Mentor, Mentoring Program, Conference on Motor Speech Mentoring Program, 2022
 Member, American Speech-Language-Hearing Association Pathways Advisory Council, 2020-2022
 External Reviewer, University of Malta, Research Excellence Fund Programme, 2022
 External Reviewer for Promotion and Tenure, University of Memphis, 2022
 External Reviewer for Promotion and Tenure, Portland State University, 2021
 External Reviewer for Promotion and Tenure, University of Tennessee Health Sciences Center, 2021
 Editor, *American Journal of Speech-Language Pathology*, 2021-2023
 Pediatric Motor Speech Disorders Writing Group, Academy of Neurologic Communication Disorders and Sciences, 2020-2023 (member), 2023- (co-chair)
 Editorial Board Member, *Journal of Speech, Language, & Hearing Research*, 2019-2020
 Member, *PROMPT Research Advisory Board*, 2017 to present
 Editor, *Language, Speech, and Hearing Services in Schools*, 2017-2018
 Grant reviewer, *American Speech-Language-Hearing Foundation*, 2013, 2017
 Convention Topic Committee Chair for Speech and Language Science, *American Speech-Language-Hearing Association*, 2016
 Associate Editor, *Language, Speech, and Hearing Services in Schools*, 2016.
 Ad-Hoc Grant Reviewer for Netherlands Organisation for Scientific Research (NWO), 2012.
 Convention Topic Committee for Motor Speech Disorders, *American Speech-Language-Hearing Association*, 2010-2012, 2017-18, 2018-19

 Guest Associate Editor, Ad-Hoc Reviewer for the *Journal of Speech, Language, and Hearing Research*
 Guest Editor, Associate Editor, Ad-Hoc Reviewer for the *American Journal of Speech-Language Pathology*
 Ad-Hoc Reviewer for the *Developmental Psychology*
 Ad-Hoc Reviewer for the *Journal of Communication Disorders*
 Ad-Hoc Reviewer for the *Journal of Speech, Language, and Hearing Sciences*
 Ad-Hoc Reviewer for the *American Journal of Speech-Language Pathology*
 Ad-Hoc Reviewer for *Clinical Linguistics and Phonetics*
 Ad-Hoc Reviewer for the *Journal of Psycholinguistic Research*
 Ad-Hoc Reviewer for *Speech, Language, & Hearing*
 Committee Member, Alberta College of Speech-Language Pathologists and Audiologists (ACSLPA) Member Services, 2003-2004
 Student Representative for the University of Alberta, Canadian Association of Speech-Language Pathologists and Audiologists (CASLPA), 1999-2000

AWARDS AND HONORS

Outstanding Leadership Award, California Speech-Language-Hearing Association, 2021
Teaching award: Most Influential Faculty Member, College of Health and Human Services, San Diego State University, 2020
Teaching award: Jane K. Smith Cap and Gown Chapter of Mortar Board Outstanding Faculty, San Diego State University, Fall 2018
Teaching award: Health and Human Services College Council Graduate Professor of the Year, San Diego State University, 2018
Teaching award: Health and Human Services College Council Outstanding Undergraduate Faculty Award, San Diego State University, 2016
Cerebral Palsy International Research Foundation Best Scientific Poster Award for Boliek, C. A., **Nip, I. S. B.**, & Fox, C. (2012). Respiratory, laryngeal and articulatory behaviors during speech and non-speech tasks in children with cerebral palsy: New evidence of function from cutting edge research methodologies. Paper presented at the 2012 Annual Meeting of the American Academy of Cerebral Palsy and

Developmental Medicine, Toronto, ON.

Teaching award: Outstanding Faculty Award, San Diego State University, 2012, 2016, 2018

Travel award: Lessons for Success, American Speech-Language-Hearing Association, 2012

Award: Award for Continuing Education, American Speech-Language-Hearing Association, 2012, 2015, 2022

Travel award: Minority Student Leadership travel award, American Speech-Language-Hearing Association, \$1000, 2005

Travel award: College of Education and Human Sciences, U. of Nebraska-Lincoln, \$200, 2005

Award: Canadian Association of Speech-Language Pathologists and Audiologists Student Excellence Award – University of Alberta, 2002

MEMBERSHIPS

SDSU Center for Clinical and Cognitive Neuroscience, Affiliate member, 2014-present

Academy of Neurologic Communication Disorders and Sciences, member, 2021-present

American Academy of Cerebral Palsy and Developmental Medicine, 2012-2018

American Speech-Language-Hearing Association, 2007-present

National Student Speech-Language-Hearing Association, 1999-2001, 2004-2007

Canadian Association of Speech-Language Pathologists & Audiologists, 1999-2006

CERTIFICATION AND LICENSURE

California License (Speech-Language Pathology) #19493, 2011-present

ASHA Certificate of Clinical Competence – Speech-Language Pathology, 2007-present

Canadian Association of Speech-Language Pathologists & Audiologists (CASLPA), Certified Speech-Language Pathologist, 2001-2006

Alberta College of Speech-Language Pathologists and Audiologists (ACSLPA), #2547, 2002-2004