

# Curriculum Vitae

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## Jordan R. Green, Ph.D., CCC-SLP

Chief Scientific Advisor  
MGH Institute of Health Professions

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Department of Communication Sciences and Disorders  
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### **EDUCATION**

University of Washington, Seattle	Ph.D.	Speech and Hearing Sciences	1998
California State University, Chico	M.A.	Speech-Language Pathology	1991
California State University, Chico	B.A.	Psychology	1988

### **PROFESSIONAL EXPERIENCE**

#### **Academic positions**

<i>2013-present</i>	PROFESSOR (Matina Souretis Horner Professorship) Communication Sciences and Disorders, MGH Institute of Health Profession
<i>2021-present</i>	CHIEF SCIENTIFIC ADVISOR MGH Institute of Health Profession
<i>2016-present</i>	AFFILIATE PROFESSOR & RESEARCH ASSOCIATE Speech & Hearing Bioscience & Technology Program (SHBT), Harvard Medical School
<i>2017-present</i>	RESEARCH ASSOCIATE Spaulding Rehabilitation Hospital, Boston
<i>2013-present</i>	RESEARCH ASSOCIATE Department of Speech, Language, and Swallowing Disorders & Reading Disabilities, Massachusetts General Hospital
<i>2018-2021</i>	ASSOCIATE PROVOST for RESEARCH <i>2018-2021</i> MGH Institute of Health Profession

2017-2018 ASSOCIATE DIRECTOR of RESEARCH  
MGH Institute of Health Profession

2014-17 ADJUNCT PROFESSOR  
School of Behavioral and Brain Sciences, The University of Texas at Dallas

2013-17 RESEARCH AFFILIATE  
McGovern Institute for Brain Research, Massachusetts  
Institute of Technology

2011-13 PROFESSOR  
Department of Special Education and Communication Disorders, University of  
Nebraska-Lincoln

2010-13 ADJUNCT PROFESSOR & DIRECTOR of Neurogenetics Communication  
Disorders Consortium  
Munroe-Meyer Institute, University of Nebraska Medical Center

2003-11 ASSOCIATE PROFESSOR  
Department of Special Education and Communication Disorders, University of  
Nebraska-Lincoln

1999-03 ASSISTANT PROFESSOR  
Department of Communicative Disorders, University of Wisconsin-Madison

1999 -03 PRINCIPAL INVESTIGATOR  
Waisman Center, University of Wisconsin-Madison

### **Research training**

1993-98 NIH RESEARCH TRAINING FELLOWSHIP  
Department of Speech and Hearing Sciences, University of Washington

1998-99 POSTDOC  
Department of Speech and Hearing Sciences, University of Washington

### **Clinical**

1991-93 SPEECH-LANGUAGE PATHOLOGIST  
Children's Hospital and Health Center, San Diego, CA

### **GRANTS, FELLOWSHIPS, AND ENDOWMENTS**

#### **Principal Investigator (PI)/Co-PI**

Research Grant: *Identifying physiological markers of speech and swallowing impairment across phenotypes in individuals with XDP: a longitudinal study*; The Collaborative Center for XDP, MGH; 2019-2021

Research Grant: *Maximizing Social Connection in Persons with Speech Impairment Due to ALS*; The ALS Association; 2020-2022

Research Grant: *Predicting and optimizing language outcomes in minimally verbal children with autism spectrum disorder*; 1P50DC018006-01/DC/NIDCD NIH HHS/United States; 2019-2024

Research Grant: *The development and validation of a novel tool for the assessment of bulbar dysfunction in ALS*; 1R01DC017291-01/DC/NIDCD NIH HHS/United States; 2018-2023.

Research Grant: *Assessing and restoring lip motor function following facial transplantation*; R21DC016664/DC/NIDCD NIH HHS/United States; 2018-2020.

Research and Training Grant: *Prolonging functional speech in persons with amyotrophic lateral sclerosis: A real-time virtual vocal tract*; K24DC016312/DC/NIDCD NIH HHS/United States; 2018-2023.

- Research Grant: *Speech movement classification for assessing and treating ALS*; R01 DC0135470/DC/NIDCD NIH HHS/United States; 2013-2018.
- Research Grant: *Effect of food structural properties on infants and toddlers mastication abilities*; Nestec Ltd, Switzerland; 2013-2015.
- Research Grant: *Bulbar motor deterioration in ALS*; R01 DC009890/DC/NIDCD NIH HHS/United States; Co-PI: Yana Yunusova; 2009-2014.
- Research Grant: *Biological pathways in childhood speech and language impairment*; Great Plains Health Research Consortium Translational Research Grant; Co-PI: Tiffany Hogan; Co-Investigators: Ashok Samal, Warren Sanger, Shelley Smith, Tony Wilson; 2010-2012.
- Research Grant: *Early speech motor development*; R01 DC006463/DC/NIDCD NIH HHS/United States; 2004-2010.
- Research Grant: *Early speech motor development*; R01 DC006463-05S1/DC/NIDCD NIH HHS/United States; American Reinvestment and Recovery Act of 2009; 2009-2010.
- Research Grant: *UNMC-UNL collaboration grant on acquired motor speech disorders*; University of Nebraska; 2004-2005.
- Research Grant: *The development of early orofacial motility and control*; R03 DC004643/DC/NIDCD NIH HHS/United States; 2000-2003.
- Research Grant: *Articulatory kinematics during infant-directed speech*; Wisconsin Alumni Research Foundation; 2001-2002.
- Instructional Technology Grant: University of Wisconsin-Madison; 1999-2000.

### ***Co-Investigator***

- Clinical Trials Subcontract: Remote Disease Monitoring with Digital Technology in ALS Patients; (PI); Mitsubishi Tanabe Pharma Holdings America; PI: James Berry; 2021-2026.
- Research Grant: *The impact of dysarthria on communicative participation in people with ALS*, 1R15DC018944-01A1/NIDCD NIH HHS/United States; PI: Kathryn Connaghan, 2021-2024
- Research Grant: *Physiologic development of speech production*, R01 DC00822/DC/NIDCD NIH HHS/United States; PI: Christopher Moore; 2001-2006.

### ***Advisor and Mentor***

- Dissertation Grant: *Kinematic and Acoustic Analysis of Speech in Autism Spectrum Disorder*; 1F31DC020108-01/DC/NIDCD NIH HHS/United States; Mentee: Marc Maffei; 2021-2024
- Dissertation Grant: *Exploring the validity of articulatory impairment phenotypes in speech motor disorders*; 1F31DC019556-01/DC/NIDCD NIH HHS/United States; Mentee: Hannah Rowe; 2021-2024
- Dissertation Grant: *Clear speech practice in ALS: Effects of single-session dosage and feedback from a novel, automated, ASR-based practice paradigm*; F31DC19016-01/DC/NIDCD NIH HHS/United States; Mentee: Sarah Gutz; 2020-2022
- Postdoc Grant: *The development and validation of a novel tool for the assessment of bulbar dysfunction in ALS*; 3R01DC017291-01/DC/NIDCD NIH HHS/United States; Mentee: Ana Zaninotto; 2020-2022
- Postdoc Grant: *Biomechanics of articulatory imprecision in children with Cerebral Palsy*. F32DC016484/DC/NIDCD NIH HHS/United States; Mentee: Kristen Allison; 2017-2019
- Dissertation Grant: *Anatomic and biomechanic biomarkers of lingual impairment in person with ALS*. F31DC015941/DC/NIDCD NIH HHS/United States; Mentee: Bridget Perry; 2017-2019

- Dissertation Grant: *Mechanisms of apraxia of speech in primary progressive aphasia*. F31DC015703/DC/NIDCD NIH HHS/United States; Mentee: Claire Cordella; 2016-2018.
- Research Award: *An Explanatory Model of Speech Intelligibility Decline in Persons with Amyotrophic Lateral Sclerosis*. American Speech-Language-Hearing Foundation's (ASHF's) New Investigator Research Grant, Mentee: Dr. Panying Rong; 2015.
- Research Award: *A multi-level assessment of mastication for children with cerebral palsy*, 2014 Plural Publishing Research Award, Council of Academic Programs in Communication Sciences and Disorders; Mentee: Meg Simione; 2014-2015.
- Research Award: *Early Detection of Dysphagia in ALS*, 2015 Plural Publishing Research Award, Council of Academic Programs in Communication Sciences and Disorders; Mentee: Bridget Perry; 2015-2016.
- Clinical Research Grant: *Optimal diagnostic criteria for CAS in school-aged children: A multilevel approach*, Childhood Apraxia of Speech Association of North America (CASANA); Mentee: Dr. Jenya Iuzzini; 11/1/12-2/28/14.
- Training Grant: Advancing Academic-Research Careers (AARC) Award, The American Speech-Language-Hearing Association; Mentee: Dr. Yana Yunusova; 2008.
- Training Grant: Co-mentor, American Speech-Language-Hearing Association Students Preparing for Academic and Research Careers (SPARC) Award; 2010; Mentee: Stephanie Davidson, Co-Mentors: Tiffany P. Hogan (University of Nebraska - Lincoln) & Tony Wilson (University of Nebraska – Medical Center)
- Training Grant: Advancing Academic-Research Careers (AARC) Award, The American Speech-Language-Hearing Association; Mentee: Dr. Julie Honaker; 2010.
- Dissertation Grant: *Early speech motor development*, Advisor, Natural Sciences and Engineering Research Council of Canada Postgraduate Scholarship (NSERC); Awarded to advisee – Ignatius Nip; 2006-2008.
- Dissertation Grant: *Early development of chewing*, Co-Advisor, F31 DC006337/DC/NIDCD NIH HHS/United States; Awarded to advisee - Erin Wilson - for dissertation project; 2003-2005.
- UCARE Grants for undergraduate researchers: Lacey Greenway, 2004-2005; Lien Phan, 2005; Paige Mueller, 2007-2008; Chelsea Price, 2009.

### ***Mentor or Co-mentor***

- Research Award: *Early Biomarkers of Alzheimer's Disease: Using Speech Markers to Detect Mild Cognitive Impairment*; 1K23DC019179 /DC/NIDCD NIH HHS/United States; Mentee: Marziye Eshghi; 2021-2026
- Research Award: *Dissociating verbal mediation and executive function in children with developmental language disorder*; 1F32DC020095-01A1/DC/NIDCD NIH HHS/United States; Mentee: Lauren Baron; 2022-2024
- Research Award: *Role of Articulatory Motor Areas in Central Processing of Speech Sounds in Human Brain*; 1K23DC018022-01/DC/NIDCD NIH HHS/United States; Mentee: Shasha Li; 2019-2024
- Research Award: *Identifying and Treating Childhood Apraxia of Speech in Minimally Verbal Children with Autism*; 7K99DC017490-02 /DC/NIDCD NIH HHS/United States; Mentee: Karen Chenausky; 2019-2021

**Consultant**

Research Grant: Articulator movement in developmental apraxia of speech, PI: Maria Grigos, R03 DC009079/DC/NIDCD NIH HHS/United States; 2008-2011.

**Coordinator**

Conference Grant: ASHA Research Symposium, R13DC003383/DC/ NIDCD NIH/ HHS/United States, 2016-2020

**Student**

NIH Research Training Fellowship; University of Washington; 1993-1998.

**PUBLICATIONS****Peer-Reviewed Manuscripts and Peer-Reviewed Book Chapters**

1. Gutz, S., Stipancic, K., Yunusova, Y., Berry, J., & Green, J.R. (2022) Validating of off-the-shelf automatic speech recognition for assessing speech intelligibility and speech severity in speakers with amyotrophic lateral sclerosis. *Journal of Speech, Language, and Hearing Research*, 65(3), 1-16.
2. Tanchip, C., Guarin, D., Mckinlay, S., Barnett, C., Kalra, S., Genge, A., Korngut, L., Green, J.R., Berry, J., Zinman, L., Yadollah, A., Abrahao, A., & Yunusova, Y. (2022) Validating automatic diadochokinesis analysis methods across dysarthria severity and syllable task in amyotrophic lateral sclerosis. *Journal of Speech, Language, and Hearing Research*, 65(3), 940-953.
3. Chenausky, K., Gagne, D., Stipancic, K., Shield, A., & Green, J.R. (2022) The relationship between single-word speech severity and intelligibility in childhood apraxia. *Journal of Speech, Language, and Hearing Research*, 65(3),843-857.
4. Yunusova, Y., Waito, A., Barnett, C., Huynh, A., Martino, R., Abrahao, A., Pattee, G. L., Berry, J. D., Zinman, L., & Green, J. R. (2022). Protocol for psychometric evaluation of the amyotrophic lateral sclerosis – bulbar dysfunction index (ALS-BDI): A Prospective Longitudinal Study. *BMJ Open*, 12(3).
5. Perry, B. J., Eshghi, M., Stipancic, K. L., Richburg, B., Ventresca, H., Pomahac, B., & Green, J. R. (2022) Longitudinal recovery of speech motor function following facial transplantation: A prospective observational study. *The Laryngoscope*.
6. Ramanarayanan, V., Lammert, A. C., Rowe, H. P., Quatieri, T. F., & Green, J. R. (2022). Speech as a biomarker: Opportunities, interpretability, and challenges. *Perspectives of the ASHA Special Interest Groups*, 7(1), 276–283.
7. Prudente, C. N., Chen, M., Stipancic, K. L., Marks, K. L., Samargia-Grivette, S., Goding, G. S., & Kimberley, T. J. (2022). Effects of low-frequency repetitive transcranial magnetic stimulation in adductor laryngeal dystonia: a safety, feasibility, and pilot study. *Experimental Brain Research*, 240(2), 561-574.
8. Rowe Hannah P., Gutz Sarah E., Maffei Marc F., Tomanek Katrin, Green Jordan R. (2022). Characterizing Dysarthria Diversity for Automatic Speech Recognition: A Tutorial From the Clinical Perspective. *Frontiers in Computer Science* (4)
9. Stipancic, K. L., Palmer, K. M., Rowe, H. P., Yunusova, Y., Berry, J. D., & Green, J. R. (2021). “You Say Severe, I Say Mild”: Toward an Empirical Classification of Dysarthria Severity. *Journal of Speech, Language, and Hearing Research*, 64(12), 4718-4735.

10. Rowe, H. P., Stipancic, K. L., Lammert, A. C., & Green, J. R. (2021). Validation of an Acoustic-Based Framework of Speech Motor Control: Assessing Criterion and Construct Validity Using Kinematic and Perceptual Measures. *Journal of Speech, Language, and Hearing Research*, 64(12), 4736-4753.
11. Eshghi, M., Connaghan, K.P., Gutz, S.E., Berry, J.D., Yunusova, Y., & Green, J.R. (2021). Co-occurrence of Hypernasality and Voice Impairment in Amyotrophic Lateral Sclerosis: Acoustic Quantification, *Journal of Speech, Language, and Hearing Research*, 1-12.
12. Shellikeri, S., Marzouqah, R. Brooks, B., Zinman, L., Green, J.R., & Yunusova, Y. (2021), Psychometric properties of rapid word-based rate measures in the assessment of bulbar amyotrophic lateral sclerosis: Comparisons with syllable-based rate tasks, *Journal of Speech, Language, and Hearing Research*, 1-14.
13. Rowe, H., Stipancic, K.L., Lammert, A., & Green, J.R. (2021). Validation of an Acoustic-Based Framework of Speech Motor Control: Assessing Criterion and Construct Validity using Kinematic and Perceptual Measures, *Journal of Speech, Language, and Hearing Research*, 1-18.
14. Stipancic, K.L, Kuo, Y., Miller, A., Ventresca, H.M., Sternad, D., Kimberley, T.J., Green, J.R. (2021). The effects of continuous oromotor activity for speech motor performance: Speech biomechanics and neurophysiologic correlates. *Experimental Brain Research*, 239(12), 3487-3505
15. Zaninotto, A. L., de Guzman, J. K., Stipancic, K. L., Perry, B. J., Supnet, M. L., Go, C., ... & Green, J. R. (2021). Speech and swallowing deficits in X-Linked Dystonia-Parkinsonism. *Parkinsonism & Related Disorders*, 89, 105-110.
16. Perry, B. J., Stipancic, K. L., Martino, R., Plowman, E. K., & Green, J. R. (2021). Biomechanical Biomarkers of Tongue Impairment During Swallowing in Persons Diagnosed with Amyotrophic Lateral Sclerosis. *Dysphagia*, 36(1), 147-156.
17. Waito, A. A., Wehbe, F., Marzouqah, R., Barnett, C., Shellikeri, S., Cui, C., Abrahao, A., Zinman, L., Green, J.R. & Yunusova, Y. (2021). Validation of Articulatory Rate and Imprecision Judgments in Speech of Individuals With Amyotrophic Lateral Sclerosis. *American Journal of Speech-Language Pathology*, 30(1), 137-149.
18. Rong, P., Usler, E., Rowe, L. M., Allison, K., Woo, J., El Fakhri, G., & Green, J. R. (2021). Speech intelligibility loss due to amyotrophic lateral sclerosis: the effect of tongue movement reduction on vowel and consonant acoustic features. *Clinical Linguistics & Phonetics*, 1-22.
19. Eshghi, M., Perry, B. J., Richburg, B., Ventresca, H. M., Pomahac, B., & Green, J. R. (2021). Neuromotor Speech Recovery Across Different Behavioral Speech Modifications in Individuals Following Facial Transplantation. *Frontiers in Neurology*, 11, 1812.
20. Stipancic, K. L., Yunusova, Y., Campbell, T. F., Wang, J., Berry, J. D., & Green, J. R. (2021). Two Distinct Clinical Phenotypes of Bulbar Motor Impairment in Amyotrophic Lateral Sclerosis. *Frontiers in Neurology*, 12, 715.
21. Allison, K. M., Cordella, C., Iuzzini-Seigel, J., & Green, J. R. (2020). Differential Diagnosis of Apraxia of Speech in Children and Adults: A Scoping Review. *Journal of Speech, Language, and Hearing Research*, 63(9), 2952-2994.
22. Chenausky, K. V., Brignell, A., Morgan, A., Gagné, D., Norton, A., Tager-Flusberg, H., ... & Green, J. R. (2020). Factor analysis of signs of childhood apraxia of speech. *Journal of Communication Disorders*, 87, 106033.
23. Usler, E. R., Xiaomei, W., Simione, M., Richburg, B., Stipancic, K. L., & Green, J. R. (2020). Modulation of Intermuscular Beta Coherence in Different Rhythmic Mandibular Behaviors. *Frontiers in Human Neuroscience*, 14, 302. <https://doi.org/10.3389/fnhum.2020.00302>

24. Rong, P., Yunusova, Y., Eshghi, M., Rowe, H. P., & Green, J. R. (2020). A speech measure for early stratification of fast and slow progressors of bulbar amyotrophic lateral sclerosis: lip movement jitter. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 21(1-2), 34-41. [PMID: 31694409](#)
25. Perry, B. J., Stipancic, K. L., Martino, R., Plowman, E. K., & Green, J. R. (2020). Biomechanical Biomarkers of Tongue Impairment During Swallowing in Persons Diagnosed with Amyotrophic Lateral Sclerosis. *Dysphagia*. [PMID: 32347416](#)
26. Allison, K. M., Salehi, S., & Green, J. R. (2020). Effect of prosodic manipulation on articulatory kinematics and second formant trajectories in children. *The Journal of the Acoustical Society of America*, 147(2), 769–776. doi: 10.1121/10.0000670
27. Barnett, C., Green, J. R., Marzouqah, R., Stipancic, K. L., Berry, J. D., Korngut, L., ... & Yunusova, Y. (2020). Reliability and validity of speech & pause measures during passage reading in ALS. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 21(1-2), 42-50. Doi: 10.1080/21678421.2019.1697888
28. Eshghi, M., Connaghan, K., Gutz, S., Eshghi, M., Berry, J., Yunusova, Y., & Green, J. (2019). Acoustic correlates of comorbid voice and resonance impairment in individuals with amyotrophic lateral sclerosis. *The Journal of the Acoustical Society of America*, 146(4), 2923-2923.
29. Rong, P., & Green, J. R. (2019). Predicting speech intelligibility based on spatial tongue–jaw coupling in persons with amyotrophic lateral sclerosis: The impact of tongue weakness and jaw adaptation. *Journal of Speech, Language, and Hearing Research*, 62(8S), 3085-3103. [PMID: 31465706](#)
30. Woo, J., Xing, F., Stone, M., Green, J.R., Reese, T. G., Brady, T. J., ... & El Fakhri, G. (2019). Speech map: A statistical multimodal atlas of 4d tongue motion during speech from tagged and cine MR images. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*, 7(4), 361-373. [PMID: 31328049](#)
31. Berry, J.D., Paganoni, S., Carlson, K., Burke, K., Weber, H., Staples, P., Salinas, J., Chan, J., Green, J.R., Connaghan, K. and Onnala, J.P. (2019). Design and results of a smartphone-based digital phenotyping study to quantify ALS progression. *Annals of clinical and translational neurology*, 6(5), 873-881. [PMID: 31139685](#)
32. Perry, B. J., Stipancic, K., Richburg, B.D., & Green, J.R. (2019). Longitudinal Recovery of Speech Motor Function Following Facial Transplantation. *Journal of Clinical and Translational Science*, 3(s1), 108-109.
33. Woo, J., Xing, F., Prince, J. L., Stone, M., Green, J. R., Goldsmith, T., ... & El Fakhri, G. (2019). Differentiating post-cancer from healthy tongue muscle coordination patterns during speech using deep learning. *The Journal of the Acoustical Society of America*, 145(5), EL423-EL429. [PMID: 31153323](#)
34. Cordella, C., Quimby, M., Touroutoglou, A., Brickhouse, M., Dickerson, B. C., & Green, J. R. (2019). Quantification of motor speech impairment and its anatomic basis in primary progressive aphasia. *Neurology*, 92(17), e1992-e2004. [PMID: 30944238](#)
35. Wilson, E. M., Kulkarni, M., Simione, M., Rong, P., Green, J. R., & Yunusova, Y. (2019). Detecting Bulbar Motor Involvement in ALS: Comparing speech and chewing tasks. *International journal of speech-language pathology*, 1-8. [PMID: 30696280](#)
36. Allison, K. M., Yunusova, Y., & Green, J. R. (2019). Shorter Sentence Length Maximizes Intelligibility and Speech Motor Performance in Persons With Dysarthria Due to Amyotrophic Lateral Sclerosis. *American Journal of Speech-Language Pathology*, 28(1), 96-107.

37. Yunusova, Y., Plowman, E. K., Green, J. R., Barnett, C., & Bede, P. (2019). Clinical Measures of Bulbar Dysfunction in ALS. *Frontiers in neurology*, 10. [PMID: 30837936](#)
38. Pattee, G. L., Plowman, E. K., Garand, K. L., Costello, J., Brooks, B. R., Berry, J. D., ... & Green, J. R. (2019). Provisional best practices guidelines for the evaluation of bulbar dysfunction in ALS. *Muscle & nerve*, 59(5), 531-536. [PMID: 30620104](#)
39. Woo, J., Prince, J. L., Stone, M., Xing, F., Gomez, A. D., Green, J. R., ... & El Fakhri, G. (2018). A Sparse Non-negative Matrix Factorization Framework for Identifying Functional Units of Tongue Behavior from MRI. *IEEE transactions on medical imaging*, 38(3), 730-740. [PMID: 30235120](#).
40. Stipancic, K. L., Yunusova, Y., Berry, J. D., & Green, J. R. (2018). Minimally detectable change and minimal clinically important difference of a decline in sentence intelligibility and speaking rate for individuals with amyotrophic lateral sclerosis. *Journal of Speech, Language, and Hearing Research*, 61(11), 2757-2771. [PMID: 30383220](#)
41. Wang, J., Kothalkar, P. V., Kim, M., Bandini, A., Cao, B., Yunusova, Y., ... & Green, J. R. (2018). Automatic prediction of intelligible speaking rate for individuals with ALS from speech acoustic and articulatory samples. *International journal of speech-language pathology*, 20(6), 669-679. [PMID: 30409057](#)
42. Farquharson K, Hogan TP, Hoffman L, Wang J, Green KF, Green JR (2018) A longitudinal study of infants' early speech production and later letter identification. *PLoS ONE* 13(10): e0204006. [PMID: 30304048](#)
43. Green, J. R., Allison, K. M., Cordella, C., Richburg, B. D., Pattee, G. L., Berry, J. D., Macklin, E.A., Pioro, E.P., & Smith, R. A. (2018). Additional evidence for a therapeutic effect of dextromethorphan/quinidine on bulbar motor function in patients with amyotrophic lateral sclerosis: A quantitative speech analysis. *British journal of clinical pharmacology*. [PMID: 30152872](#)
44. Lee, E., Xing, F., Ahn, S., Reese, T. G., Wang, R., Green, J. R., ... & Woo, J. (2018). Magnetic resonance imaging based anatomical assessment of tongue impairment due to amyotrophic lateral sclerosis: A preliminary study. *The Journal of the Acoustical Society of America*, 143(4), EL248-EL254. [PMID: 29716267](#)
45. Smith, R.A., Macklin, E.A., Myers, K.J., Pattee, G.L., Goslin, K.L., Meekins, G.D., Green, J.R., Shefner, J.M., Pioro, E.P. The Assessment of Bulbar Function in Amyotrophic Lateral Sclerosis: Validation of a Self-Report Scale (CNS-BFS). *Eur J Neurol*. 2018 Mar 25. [PMID: 29577526](#).
46. Simione, M., & Green, J. R. (2018). An exploratory investigation of the effects of whole-head vibration on jaw movements. *Experimental brain research*, 1-10. [PMID: 29362829](#)
47. Simione, M., Fregni, F., & Green, J. R. (2018). The effect of transcranial direct current stimulation on jaw motor function is task dependent: Speech, syllable repetition, and chewing. *Frontiers in Human Neuroscience*, 12, 33. [PMID: 29487512](#)
48. Simione, M., Loret, C., Le Révérend, B., Richburg, B., Del Valle, M., Adler, M., ... & Green, J. R. (2018). Differing structural properties of foods affect the development of mandibular control and muscle coordination in infants and young children. *Physiology & Behavior*, 186, 62-72.. [PMID: 29343459](#)
49. Zuk, J., Iuzzini-Seigel, J., Cabbage, K., Green, J. R., & Hogan, T. P. (2018). Poor Speech Perception Is Not a Core Deficit of Childhood Apraxia of Speech: Preliminary Findings. *Journal of Speech, Language, and Hearing Research*, 61(3), 583-592. [PMID: 29450502](#)
50. Pattee, G. L., Plowman, E. K., Brooks, B. R., Berry, J. D., Atassi, N., Chapin, J. L., ... & Green, J. R. (2017). Best practices protocol for the evaluation of bulbar dysfunction: summary recommendations from the NEALS bulbar subcommittee symposium. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 1-2. [PMID: 29205054](#)



51. Perry, B.J., Richburg, B.D., Pomahac, B., Bueno, E.M., & Green, J.R. (2017). The effects of lip-closure exercise on lip strength and function following full facial transplantation: A case report. *American Journal of Speech-Language Pathology*, 26, 682-686.
52. Allison, K.M., Yunusova, Y., Campbell, T., Wang, J., Berry, J. & Green, J.R. (2017). The diagnostic utility of patient-report and speech-language pathologists' ratings for detecting the early onset of bulbar symptoms due to ALS. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, 1-9. [PMCID: PMC5530595](#)
53. Iuzzini-Siegel, J., Hogan, T., Green, J.R. (2017) Speech Inconsistency in Children with Childhood Apraxia of Speech, Language Disorder, and Speech Delay: Depends on the Stimuli. *Journal of Speech Language and Hearing Research*, 1-17. [PMID: 28395359](#)
54. Green, J. R., Simione, M., Le Révérend, B., Wilson, E. M., Richburg, B., Alder, M., ... & Loret, C. (2017). Advancement in Texture in Early Complementary Feeding and the Relevance to Developmental Outcomes. In *Complementary Feeding: Building the Foundations for a Healthy Life* (Vol. 87, pp. 29-38). Karger Publishers. [PMID: 28315885](#)
55. Shellikeri, S., Green, J. R., Kulkarni, M., Rong, P., Martino, R., Zinman, L., & Yunusova, Y. (2016). Speech movement measures as markers of bulbar disease in amyotrophic lateral sclerosis. *Journal of Speech, Language, and Hearing Research*, 59, 887-899: 10.1044/2016\_JSLHR-S-15-0238. [PMCID: PMC5345561](#)
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42. Green, J.R., & Wilson, E.M. (2003). The significance of spontaneous orofacial motility in early vocal development. *Proceeding of the Conference on Progress in Motor Control IV. Motor Control and Learning over the Life Span*. Université de Caen Basse-Normandie (France).
43. Hall, M. D., Green, J., Moore, C. A., & Kuhl, P. K. (1999). Contribution of articulatory kinematics to visual perception of stop consonants. In P.K. Kuhl & L. Crum (Eds.), *Proceedings 2nd Convention of the European Acoustics Association: Forum Acusticum and 137th Meeting of the Acoustical Society of America (#4aSCb15)*. Woodbury, NY: Acoustical Society of America.
44. Minifie, F.D., Green, J.R., Smith, J., & Huang, D.Z. (1995). Inter-judge variability in perception of voice qualities. *Proceedings of the International Congress of Phonetic Sciences, Stockholm, Sweden*, 758-761.
45. Minifie, F.D., Huang, D.A., & Green, J.R. (1994). Relationship between acoustic measures of vocal perturbation and perceptual judgments of breathiness, harshness, and hoarseness. *Proceedings of the International Conference on Spoken Language Processing*. Yokohama, Japan, 1999-2002.

#### ***Non Peer-Reviewed Manuscripts***

1. Yunusova, Y., Green, J. R., Wang, J., Pattee, G., Zinman, L. (2011). A Protocol for Comprehensive Assessment of Bulbar Dysfunction in Amyotrophic Lateral Sclerosis (ALS), *Journal of Visualized Experiments (JOVE)*, 48, <http://www.jove.com/details.php?id=2422>. **PMCID: PMC3197394**
2. Nip, I. S. B., Green, J.R., Marx, D.B. (2009). Early speech motor development: Cognitive and linguistic considerations. *Journal of Communication Disorders*, 42, 286-298. **PMID:19439318**

#### ***Invited Book Chapters and Periodicals***

1. Green, J.R. (2020). Silent no more: New AI technologies give voice to the voiceless. *The ASHA Leader*, 25(7), 51.
2. Green, J.R. (2015). Mouth matters: Scientific and clinical applications of speech movement analysis, *Sig 5 Perspectives on Speech Science and Orofacial Disorders*, 25, 6-16. DOI: 10.1044/ssod25.1.6
3. Weismer, G., & Green, J.R. (2015). Speech production in motor speech disorders: Lesions, models, and a research agenda, In M.A. Redford's *The Handbook of Speech Production*, 298-330. Wiley Blackwell. ISBN: 978-0-470-65993-9
4. Barlow, S. & Green, J.R. (2009). Preface to the 18th Annual ASHA-NIH research symposium: Neurobiological determinants of communication development. *Journal of Communication Disorders*, 245-247. **PMID:19406433**
5. Green, J.R. (2007). Natural history of an NIH-supported researcher. In M.L. Rice (Ed.) *Merrill Series on the Research Mission of Public Universities: Future Directions for Federal Research Funding*. Merrill Research Center: The University of Kansas, 111, 44-50.
6. Cress, C.J., & Green, J.R. (2006). Computer applications for communication disorders. In J.G. Webster (Ed.), *Encyclopedia of Medical Devices and Instrumentation* 2<sup>nd</sup> ed. (pp 210-229), New York: Wiley. doi:10.1002/0471732877.emd071
7. Green, J.R. (2003). Discussion: Need for motor-based descriptions of articulatory function in children with CAS. In LD Shriberg & TF Campbell (Eds.). *Proceedings of the 2002 Childhood Apraxia of Speech Research Symposium*, 247-248.



- Green, J.R. (2002). Orofacial movement analysis in infants and young children: New opportunities in speech studies. *The Standard* (periodical published by Vicon Motion Systems), 2, 1-3.

### ***Peer-Reviewed Clinical Guidelines***

- Hiss, S., Dikeman, K., Green, J., Hasselkus, A., Inma, A, Kelchner, L., Lazarus, C., & Miller, C. (2003). American Speech-Language-Hearing Association. [Knowledge and Skills Needed by Speech-Language Pathologists Performing Videofluoroscopic Swallowing Studies](#). *ASHA Supplement*, 24, 178-183.
- Hiss, S., Dikeman, K., Green, J., Hasselkus, A., Inma, A, Kelchner, L., Lazarus, C., & Miller, C. (2004). American Speech-Language-Hearing Association. [Guidelines for Speech-Language Pathologists Performing Videofluoroscopic Swallowing Studies](#). *ASHA Supplement*, 24, 77-92.

### ***Ph.D. Dissertation***

Green, J.R. (1998). The physiologic development of speech motor control: Articulatory coordination of lips and jaw, Advisor: Christopher Moore, Ph.D., University of Washington, Seattle.

### ***Software***

- Green, J.R. & Green, K.R-F. (1998). *Voice Office: clinical software and teaching tool for voice analysis*. Tiger DRS, Inc. (<http://www.drspeech.com/VoiceOffice.html>)

## **PRESENTATIONS**

### ***Invited scientific panels and presentations***

#### *International*

- Green, J.R. (2019) Future of functional assessment of the head and neck. 2019 iRSM Research Symposium, University of Alberta Institute for Reconstructive Sciences in Medicine, Edmonton, Canada.
- Green, J.R. (2017) Neurological speech disorders: technological advances in diagnosis and assessment. 12<sup>th</sup> Mediterranean Congress of Physical and Rehabilitation Medicine, Malta.
- Green, J.R., Le reverend, B., Moser, M., Alder, M., Del Valle, M. & Simione & Loret, C. (2016). Advancement in texture in early complementary feeding and the relevance to developmental outcomes, Importance of Complementary Feeding and Long-Term Health Outcome, 87th Nestlé Nutrition Institute Workshop, Singapore.
- Green, J.R. (2014). Research programs on speech and feeding, University of Toronto, Toronto, Canada.
- Green, J.R. (2013). Effect of food structural properties on infants and toddlers mastication abilities, Nestlé Research Center, Lausanne, Switzerland.
- Green, J.R. (2010). Assessing bulbar deterioration in amyotrophic lateral sclerosis, Fudan University, Shanghai, China.
- Green, J.R. (2010). Seeing speech: Technological advances in research on speech production. School of Dentistry, National Yang-Ming University, Taipei, Taiwan.

#### *National*

- Green, J.R. (2022). Clinical Applications of Automatic Speech Recognition: End-to-end is just the beginning. Minifie Lecture Series, Department of Speech and Hearing Sciences, University of Washington, WA.

2. Green, J.R. (2019). Medical Speech Analytics: From Senses to Sensors. 2019 Callier Prize Conference, Callier Center for Communication Disorders, University of Texas at Dallas, Dallas, TX.
3. Green, J.R. (2017). Assessment and management of bulbar motor involvement due to amyotrophic lateral sclerosis. 2017 Boston Speech Motor Control Symposium, Boston University, Boston MA.
4. Green, J.R. (2016). Mouth Matters: Scientific & Clinical Applications of Speech Movement Analysis, Departmental Colloquium, The Roxelyn and Richard Pepper Department of Communication Sciences and Disorders, Northwestern University, Evanston IL.
5. Green, J.R. (2015). Assessment and management of speech impairment in ALS. Nuedexta Clinical Trial Workshop, Ritz-Carlton Hotel, Orlando, FL.
6. Green, J.R. (2015). Scientific & clinical applications of speech movement analysis, Departmental Colloquium, The Department of Communication Sciences and Disorders, The University of Iowa, Iowa.
7. Green, J.R. (2015). Scientific & clinical applications of speech movement analysis, Departmental Colloquium, The Department of Communication Sciences and Disorders, Northeastern University, Massachusetts.
8. Green, J.R. (2014). William R. Zemlin Memorial Lecture: Mouth matters: Scientific & clinical applications of speech movement analysis, Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
9. Green, J.R. (2014). Speech movement analysis: Scientific and clinical applications, Seminars in Hearing and Communications Sciences (SHACS) lecture series, Department of Speech and Hearing Sciences, University of Washington, Seattle.
10. Green, J.R., (2012). Emerging perspectives on the development, assessment, and treatment of speech. Callier Center Research Colloquium, Dallas, T.X.
11. Green, J.R., (2012). Emerging perspectives on the development, assessment, and treatment of speech. Boston University Speech and Hearing Sciences Department Research Colloquium Series, Boston, M.A.
12. Shea, C., Green , J.R., & Maas, E. (2009). Motor mouths: Applying principles of motor learning to speech production. Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
13. Nip, I.S.B., & Green, J.R. (2009). Developmental changes in speech movement variability: Task effects. Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
14. Green, J.R. (2004). Kinematic methods and new questions in infant vocal development. Annual meeting of the American Speech-Language Hearing Association, Philadelphia, PA.
15. Green, J.R. (2003). Panel Member, Neurologic Motor Speech Disorders in Adults, Washington, D.C., sponsored by NIDCD, NIH
16. Green, J.R. (2002). Discussant, Symposium on childhood apraxia of speech, Scottsdale, AZ, sponsored by the Hendrix Foundation.
17. Green, J.R. (2001). A junior faculty's perspective on the challenges facing CSD programs. Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.

#### *Regional*

1. Green, J.R. (2019) Speech motor development. Center for Autism Research Excellence (CARE), Boston University, Boston, MA.

2. Green, J.R. (2016). Therapy approaches for motor speech disorders. Spaulding Rehabilitation Hospital, Boston, MA.
3. Green, J.R., (2015). Assessment and management of motor speech impairments: Acquired neurologic disorders and diseases. Spaulding Stroke Research and Recovery Institute, Boston, MA.
4. Green, J.R. (2015). Early speech development. Department of Orthodontics, Tufts University, Boston, MA.
5. Green, J.R. (2015). Scientific & clinical applications of speech movement analysis, Departmental Colloquium, Speech and Hearing Bioscience and Technology (SHBT), Harvard University, Massachusetts.
6. Green, J.R., Wilson, E.M., & Simione, M. (2014). The development of chewing. MGH pediatric dysphasia group, Spaulding Rehabilitation Hospital, Boston, MA.
7. Green, J.R. (2011). Developing speech: A motor-centric interactionist perspective. Graduate student organization annual lecture, Department of Speech-Language-Hearing: Sciences & Disorders, University of Indiana, Bloomington, IN.
8. Green, J.R. (2010). Investigating the speech production system: Novel approaches and potential clinical applications; Boys Town National Research Hospital, Omaha, NE.
9. Green, J.R. (2009). Speech motor development: Some biologic, cognitive, and environmental factors. Graduate Student Organization Annual Lecture, Department of Speech-Language-Hearing: Sciences & Disorders, University of Kansas, Lawrence, KS.
10. Green, J.R. (2009). The development of mandibular control for chewing. 2009 Kansas Neonate Oromotor Feeding Symposium, University of Kansas, Lawrence, KS.
11. Green, J.R. (2008). Presenter, Studies on early speech development and learning, Psychology Department, University of Nebraska-Lincoln, Lincoln, NE.
12. Green, J. R. (2008). Motion analysis of early speech movements. Working group meeting of the UTD Callier Center for New Evidence on Communication Treatments and Technologies, Dallas, TX.
13. Green, J.R. (2007). The natural history of a federally funded researcher, Merrill Research Retreat, Valley Fall, KS.
14. Green, J.R. (2005). The development of orofacial control for speech and feeding, Boys Town National Research Hospital, Omaha, NE.
15. Green, J.R. (2004). Motor factors in early speech development, HPER Biomechanics Laboratory, University of Nebraska-Omaha, Omaha, NE.
16. Green, J.R. (2002). Physiologic studies of speech and chewing development. Chaos & Complex Systems Seminars, University of Wisconsin-Madison, Madison, WI.
17. Green, J.R. (2001). The development of speech and chewing: Physiologic framework. Wisconsin Speech-Language Pathology and Audiology Association 2002 Convention, Milwaukee, WI.
18. Green, J.R. (2001). Speech motor development. Psychology Department, University of Wisconsin-Madison, Madison, WI.

### ***Scientific presentations***

#### *International*

1. Neumann, M., Roesler, O., Liscombe, J., Kothare, H., Suenderman-Oeft, D., Pautler, D., Navar, I., Anvar, A., Kumm, J., Norel, R., Fraenkel, E., Sherman, A., Berry, J., Pattee, G., Wang, J., Green, J.R., & Ramanarayanan, V. (2021). Investigating the utility of multimodal conversational

- technology and audiovisual analytic measures for diagnosis and monitoring of amotrophic lateral sclerosis severity. Interspeech 2021, Brno, Czech Republic.
2. Gutz, S., Rowe, H., & Green, J.R. (2021). Speaking with a KN95 face mask: ASR performance and speaker compensation. Interspeech 2021, Brno, Czech Republic.
  3. Venugopalan, S., Shor, J., Plakal, M., Tobin, J., Tomanek, K., Green, J.R., Brenner, M.P. (2021). Comparing supervised models and learned speech representations for classifying intelligibility of disordered speech on selected phrases. Interspeech 2021, Brno, Czech Republic.
  4. Green, J., MacDonald, R., Jiang, P., Cattiau, J., Heywood, R., Cave, R., Seaver, K., Ladewig, M., Tobin, J., Brenner, M., Nelson, P., Tomanek, K. (2021). Automatic Speech Recognition of Disordered Speech: Personalized models outperforming human listeners on short phrases. Interspeech 2021, Brno, Czech Republic.
  5. Cai, S., Lillianfeld, L., Seaver, K., Green, J.R., Brenner, M., Nelson, P., Sculley, D (2021). A Voice-Activated Switch for Persons with Motor and Speech Impairments: Isolated-Vowel Spotting Using Neural Networks. Interspeech 2021, Brno, Czech Republic.
  6. MacDonald, R., Jiang, P., Cattiau, J., Heywood, R., Cave, R., Seaver, K., Ladewig, M., Tobin, J., Brenner, M., Nelson, P., Green, J., Tomanek, K. (2021). Disordered Speech Data Collection: Lessons Learned at 1 Million Utterances from Project Euphonia. Interspeech 2021, Brno, Czech Republic.
  7. Rowe, H., Maffei, M., Gutz, S., Lammert, A., & Green, J. R.(2020). Profiling Speech Motor Control: Validation of Novel and Existing Acoustic Features. 12th International Seminar on Speech Production. (Virtual)
  8. Rowe, H. P., Gutz, S. E., Maffei, M. F., & Green, J. R. (2020). Acoustic-Based Articulatory Phenotypes of Amyotrophic Lateral Sclerosis and Parkinson's Disease: Towards an Interpretable, Hypothesis-Driven Framework of Motor Control. Interspeech 2020, Shanghai, China.
  9. Connaghan, K.P., Green, J.R., Paganoni, S., Chan, J., Weber, H., Collins, E., Richburg, B., Eshghi, M., Onnela, J.P.\*, & Berry, J.D.\* (\*shared senior author). Use of Beiwe smartphone app to identify and track speech decline in amyotrophic lateral sclerosis (ALS). Interspeech 2019, Graz, Austria.
  10. Gutz, S.E., Wang, J., Yunusova, Green, J.R. (2019). Early identification of speech changes due to amyotrophic lateral sclerosis using machine classification. Interspeech 2019, Graz, Austria.
  11. Rowe, H.P. & Green, J.R. (2019). Profiling speech motor impairments in persons with amyotrophic lateral sclerosis: An acoustic-based approach. Interspeech 2019, Graz, Austria.
  12. Eshghi, M., Richburg, B.D., Yunusova, Y., & Green, J.R. (2019). Instrumental evaluation of velopharyngeal dysfunction in amyotrophic lateral sclerosis. International Congress of Phonetic Sciences (ICPhS) 2019, Melbourne, Australia.
  13. Bandini, A., Green, J.R., Richburg, B.D., & Yunusova, Y. (2018). Automatic detection of orofacial impairment in stroke. Interspeech, Hyderabad, India.
  14. An, K., Kim, M., Teplansky, K., Green, J.R., Campbell, T., Yunusova, Y., Heitzman, D., & Wang, J. (2018). Automatic early detection of amyotrophic lateral sclerosis from intelligible speech using convolutional neural networks. Interspeech, Hyderabad, India.
  15. Hogan, T.P., Iuzzini-Seigel, J., Zuk, J., Cabbage, K.L., & Green, J.R. (2018). Dyslexia versus childhood apraxia of speech: similar speech errors with different etiologies? In symposium led by K. Farquharson, entitled, Exploring the relations between speech production and word reading in children with dyslexia, speech production deficits, or both. Society for the Scientific Study of Reading Annual Convention, Brighton, United Kingdom.

16. Bandini, A., Green, J.R., Taati, B., Orlandi, S., Zinman, L., & Yunusova, Y. (2018). Automatic detection of amyotrophic lateral sclerosis from video-based analysis of facial movements: speech and non-speech tasks. The 13<sup>th</sup> IEEE Conference on Automatic Face and Gesture Recognition, Xi'an, China.
17. Yunusova, Y., Bandini, A., Green, J.R., & Zinman, L. (2017). Facial kinematics in the assessment and diagnosis of bulbar ALS. 7<sup>th</sup> International Conference on Speech Motor Control, Groningen, Netherlands.
18. Panying Rong, Brian Richburg, Jordan R. Green (2017). Automatic extraction of abnormal speech movement features from a maximum syllable repetition rate task: Toward a diagnostic tool for assessing articulatory involvement in ALS. 7<sup>th</sup> International Conference on Speech Motor Control, Groningen, Netherlands.
19. Allison, K., Yunusova, Y., Wang, J., Berry, J.D., Green, J.R. (2016). Perceptual, instrumental, and self-detection of early bulbar changes in ALS. 27<sup>th</sup> International Symposium on ALS/MND, Dublin, Ireland.
20. Green, J. R., Richburg, B.D., Markan, S., Berry, J. (2016). Mouthmetrics: A tool for assessing bulbar motor involvement using a low-cost, 3D depth sensing camera. 27<sup>th</sup> International Symposium on ALS/MND, Dublin, Ireland.
21. Green, J.R., Allison, K., Piro, E., Pattee, G., Smith, R. (2016). The effects of nudexta on speech pause time. 27<sup>th</sup> International Symposium on ALS/MND, Dublin, Ireland.
22. Gong, J.J., Gong, M., Levy-Lambert, D., Green, J.R., Hogan, T.P., & Guttag, J.V. (2016). Towards an Automated Screening Tool for Developmental Speech and Language Impairments. Interspeech, San Francisco, CA.
23. Rong, P., Yunusova, Y., & Green, J.R. (2016). Differential Effects of Velopharyngeal Dysfunction on Speech Intelligibility During Early and Late Stages of Amyotrophic Lateral Sclerosis. Interspeech, San Francisco, CA.
24. Horwitz-Martin, R.L, Quatieri, T.F., Lammert, A.C., Williamson, J.R., Yunusova, Y., Godoy, E., Mehta, D.D., Green, J.R. (2016) Relation of Automatically Extracted Formant Trajectories with Intelligibility Loss and Speaking Rate Decline in Amyotrophic Lateral Sclerosis. Interspeech, San Francisco, CA.
25. Loret, C., Le reverend, B., Moser, M., Alder, M., Simione, & Jordan R. Green, J.R. (2016). Development of mastication abilities of infants and toddlers: impact of age and food texture. Food Oral Processing Conference, Lausanne, Switzerland.
26. Kuruvilla-Dugdale, M., Green, J. R., Hogan, T.P., & Custer, C. (2015). Speech Performance in ALS: Influence of Speech Motor and Linguistic Complexity. International ALS/MND Symposium, Orlando, USA.
27. Rong, P., Yunusova, Y., & Green, J.R. (2015). Speech intelligibility decline in individuals with fast and slow rates of ALS progression. Interspeech, Dresden, Germany.
28. Perry, B.J., Pomahoc, B., Bueno, E., Su, P., Richburg, B.D., & Green, J.R. (2015). Characteristics of speech following facial transplantation. In the 18<sup>th</sup> ICPhS, Glasgow, UK.
29. Rong, P., Yunusova, Y., Berry, J.D., Zinman, L., & Green, J.R. (2014). Parameterization of articulatory pattern in ALS, Interspeech, Singapore.
30. Wang, J., Samal, A., & Green, J. R. (2014). Across-speaker articulatory normalization for speaker-independent silent speech recognition, Interspeech, Singapore.

31. Yunusova, Y., Green, J.R., Rong, P., Kuruvilla, M.S., Wang, J., Pattee, G., Synhorst, L., & Zinman, L. (2013). Bulbar ALS: Prediction survival from physiologic measures. 24th International Symposium on ALS/MND, Milan, Italy.
32. Yunusova, Y., Rosenthal, J.S., Green, J.R., Shellikeri, S., Wang, J., Rong, P., & Zinman, L. (2013). Detection of bulbar ALS using a comprehensive speech assessment battery, 8th International Workshop on Models and Analysis of Vocal Emissions for Biomedical Applications (MAVEBA), Florence, Italy.
33. Davis, D., Hogan, T.P., Green, J.R., Long, Y., Bridges, M., Catts, H.W., and the Language and Reading Consortium (2013). Pausing in oral narrative retells in poor reader subgroups. Society for the Scientific Study of Reading Annual Convention, Hong Kong.
34. Green, J. R., Wang, J., & Wilson, D. L. (2013). SMASH: A tool for articulatory data processing and analysis, Interspeech 2013, Lyon, France.
35. Wang, J., Balasubramanian, A., Mojica de La Vega, L., Green, J. R., Samal, A., & Prabhakaran, B. (2013). Word recognition from continuous articulatory movement time-series data using symbolic representations, Proceedings of Interspeech Workshop on Speech and Language Processing for Assistive Technologies, Grenoble, France. In press.
36. Wang, J., Green, J. R., & Samal, A. (2013). Individual articulator's contribution to phoneme production, Proceedings of IEEE Intl. Conf. on Acoustics, Speech, and Signal Processing, Vancouver, Canada, 7785-7789.
37. Shellikeri, S., Yunusova, Y., Thomas, D., Green, J. R., & Zinman, L. (2013). Compensatory articulation in amyotrophic lateral sclerosis: Tongue and jaw in speech. 21st International Congress on Acoustics, Montreal, Canada.
38. Trotman, C., Green, J.R., Faraway, J.J., Sotmann, R., Hartman, T. S., Van Aalst, J.A., (2013) Spontaneous dynamics in cleft infants for speech development, International Association for Dental Research, Seattle, WA.
39. Wang, J., Samal, A., Green, J. R., & Rudzicz, F. (2012). Sentence recognition from articulatory movements for silent speech interfaces, Proc. of IEEE Intl. Conf. on Acoustics, Speech, and Signal Processing (ICASSP), Kyoto, Japan.
40. McIlraith, A., Hogan, T.P., Green, J.R., & Wilson, T.W. (2011). Coupling differences between Wernicke and Broca's areas according to lexicality in normal adults. Human Brain Mapping, Quebec City, Canada.
41. Wang, J., Green, J.R., Samal, A., & Carrell, T.D. (2010). Vowel recognition from continuous articulatory movements for speaker-dependent applications. IEEE International Conference on Signal Processing and Communications (ICSPCS 2010), Gold Coast, Australia.
42. Yunusova, Y., Green, G., Zinman, L., & Pattee, G. (2010). Bulbar Function in ALS. Paper presented at the annual meeting of ALS Canada, Toronto, ON.
43. 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.
44. Bartle, C., Goozée, J., Murdoch, B., & Green, J.R. (2007). Kinematic analysis of speech movement coordination in acquired AOS. Asia Pacific Conference on Speech, Language and Hearing, Brisbane, Australia.
45. Green, J.R., Phan, L. Nip, I., & Mefferd, A. (2006). A real-time articulatory controlled vowel synthesizer for research on speech motor learning. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, Netherlands.

46. Green, J.R., Yunusova, Y., Ball, L.J., Pattee, G.L., & Mefferd, A. (2006). A Comprehensive instrumental analysis of bulbar function over time in persons with ALS. 17th International Symposium on ALS/MND, Yokohoma, Japan.
47. Hosom, J.P., Shriberg, L., & Green, J.R. (2006). The coefficient of variation ratio determined using automatic speech recognition. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, Netherlands.
48. Mefferd, A., & Green, J.R. (2006). Formant pattern predictability based on lingual kinematics. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, Netherlands.
49. Moore, C.A., Campbell, T.F., Shriberg, L.D., Green, J.R., Venkatesh, L., Vick, J., & Leavy Rusiewicz, H. (2006). Physiologic and behavioral classification of delayed speech. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, Netherlands.
50. Venkatesh, L., Moore, C.A., Campbell, T.F., Shriberg, L.D. & Green, J.R. (2006). Speech movement characteristics in children with speech delay. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, Netherlands.
51. Wang, Y., Kent, R.D., Nip, I., Green, J., & Kent, J.F. (2006). Aerodynamic validation of perceptually-based breath group determination. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, Netherlands.
52. Yunusova, Y., Green, J.R., & Mefferd, A. (2006). Spatial characteristics of speech movements in ALS. 5<sup>th</sup> International Conference on Speech Motor Control, Nijmegen, Netherlands.
53. Ball, L.J., Green, J.R., Pattee, G.L., & Beukelman, D.B. (2005). Bulbar feature assessment: A multilevel approach. International Symposium on Amyotrophic Lateral Sclerosis, Dublin, Ireland
54. Green, J.R., & Wilson, E.M. (2003). The significance of spontaneous orofacial motility in early vocal development. Progress in Motor Control IV. Motor Control and Learning over the Life Span. Université de Caen Basse-Normandie (France).
55. Hall, M.D., Green, J.R., Moore, C.A., & Kuhl, P.K. (1999). Contribution of articulatory kinematics to visual perception of stop consonants. The 137th Regular Meeting of the Acoustical Society of America, Berlin, Germany.
56. Minifie, F.D., Green, J.R., Smith, J., Huang, D.Z. (1995). Inter-judge variability in perception of voice qualities. International Congress of Phonetic Sciences, Stockholm, Sweden.
57. Minifie, F.D., Huang, D.Z., & Green, J.R. (1994). Relationship between acoustic measures of vocal perturbation and perceptual judgments of breathiness, harshness, and hoarseness. International Conference on Spoken Language Processing. Yokohama, Japan.

#### *National*

1. Murton, O., Connaghan, K., Eshghi, M., Maffei, M., & Green, J. R. (2022). When is a voice measure not a voice measure? Platform presentation for the biannual *Conference on Motor Speech*, Charleston, South Carolina.
2. Rowe, H., Lowit, A., Spencer, K.A., & Green, J. (2022). Exploring the validity and diagnostic utility of acoustic-based articulatory impairment phenotypes in divergent speech motor disorders. Platform presentation for the biannual *Conference on Motor Speech*, Charleston, South Carolina.
3. Maffei, M.F., Chenausky, K.V., Gutz, S.E., Rowe, H.P., Tager-Flusberg, H., & Green, J.R. (2022). Correlations Between Perceptual Speech Features and Language in Minimally Verbal Children with Autism Spectrum Disorder. Platform presentation for the biannual *Conference on Motor Speech*, Charleston, South Carolina.

4. Eshghi, M., Green, J.R., Haenssler, A., Scheier, Z., Keegan, M., Clark, A., Burke, K.M., Berry, J.D., & Connaghan, K.P. (2022). Acoustic Quantification of Respiratory Function in Amyotrophic Lateral Sclerosis. Platform presentation for the biannual Conference on Motor Speech, Charleston, South Carolina.
5. Bouvier, L., Bolowsky, V., Saever, K., Fleiss, Z., Huynh, A., Maffei, M., Gutz, S., Tapia, C.B., Martino, R., Abrahao, A., Berry, J., Zinman, L., Green, J.D., & Yunusova, Y. (2022). The Amyotrophic Lateral Sclerosis - Bulbar Dysfunction Index (ALS-BDI): Preliminary reliability data for a novel assessment tool. Platform presentation for the biannual Conference on Motor Speech, Charleston, South Carolina.
6. Connaghan, K.P., Green, J.R., Haenssler, A., Scheier, Z., Keegan, M., Clark, A., Burke, K.M., Onnela, J.P., & Berry, J.D. (2022). What can passive smartphone metrics tell us about communicative participation in ALS? Platform presentation for the biannual *Conference on Motor Speech*, Charleston, South Carolina.
7. Gutz, S., Stipancic, K.L., & Green, J.R. (2022). Validity of Commercial Automatic Speech Recognition (ASR) for Assessing Speech Severity and Intelligibility in Individuals with ALS. Platform presentation for the biannual Conference on Motor Speech, Charleston, South Carolina.
8. Rowe, H., Stipancic, K., & Green, J.R. (2021). Articulatory Phenotypes of Speech Motor Control: A Perceptual Validation Study. Annual convention of the American Speech-Language-Hearing Association, Washington, DC.
9. M.F. Maffei, J.R. Green, Y. Yunusova, H. Rowe, C. Cordella, O. Murton, K. Nicholson, J.D. Berry, & K.P. Connaghan (2021). Acoustic Measures of Phonatory Impairment in Amyotrophic Lateral Sclerosis. convention of the American Speech-Language-Hearing Association, Washington, DC. Annual
10. J. Okada, J.R. Green, J.D. Berry, B. Richburg, & K.P. Connaghan (2021). The Association of Vowel Acoustics and Communicative Participation of People with ALS. Annual convention of the American Speech-Language-Hearing Association, Washington, DC.
11. Miller, A.J., Connaghan, K.P., Green, J.R., & Stipancic, K.L. (2021). The Development of a Novel Task for Testing Speech Motor Learning. Annual convention of the American Speech-Language-Hearing Association, Washington, DC.
12. Teplansky, K., Wisler, A., Green, J., Heitzman, D., Austin, S., & Wang, J. (2021). Nonlinear Stability Analysis for Early Amyotrophic Lateral Sclerosis. Annual convention of the American Speech-Language-Hearing Association, Washington, DC.
13. Chenausky, K., & Green, J.R. (2021). Investigating Severity and Intelligibility in CAS. Apraxia Kids National Conference 2021, Virtual.
14. Coldarci, J.N., Rowe, H.P., Berry, J.D., Green, J.R., & Connaghan, K.P. (2021). Longitudinal remote monitoring of articulatory motor performance in individuals with amyotrophic lateral sclerosis (ALS). 2021 Boston Speech Motor Control Symposium, Boston, USA.
15. Eshghi, M., Connaghan, K., Perry, B., Maffei, M., Yunusova, Y., Berry, J.D., & Green, J.R. (2021). Rate of decline in speaking rate and intelligibility in amyotrophic lateral sclerosis: A longitudinal study. 2021 Boston Speech Motor Control Symposium, Boston, USA.
16. Stipancic, K.L., Kuo, Y., Miller, A., Ventresca, H.M., Sternad, D., Kimberley, T.J., Green, J.R. (2021). The effects of sustained oromotor activity for speech motor performance: Speech biomechanics and neurophysiologic correlates. 2021 Boston Speech Motor Control Symposium, Boston, USA.



17. Eshghi, M., Riphagen, J., Green, J.R., & Salat, D.H. (2021). Distinct association between white matter hyperintensity load and cortical thickness in speech motor regions of individuals with Alzheimer's Disease. Alzheimer's Association International Conference, Denver, USA.
18. Eshghi, M., Salat, D., Cordella, C., Gutz, S., Ventresca, H., Green, J. R. (2020). Age-related changes in oromotor function and speech production. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
19. Eshghi, M., Perry, B., Stipancic, K. L., Richburg, B. D., Ventresca, H., Pomahac, B., & Green, J. R. (2020). Neuromotor speech recovery across different speaking modes in individuals following facial transplantation. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
20. Cai, S., Richburg, B.D., Maffei, M., Alvarado, I., Cattiau, J., Seaver, K. Green, J. R., & Brenner, M. (2020). Recognition Of Short Utterances From A Closed Set Produced By Dysarthric Speakers Using A Deep Convolutional Network. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
21. Rowe, H. & Green, J. R. (2020). Acoustic Profiles of Speech Motor Control: Towards a Differential Diagnosis of Dysarthria Subtypes. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
22. Usler, E., Richburg, B.D., & Green, J. R. (2020). Development of Intermuscular Coherence between Mandibular Muscles in Young Children. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
23. Gutz, S. & Green, J. R. (2020). Feedback from automatic speech recognition software to induce clear speech. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
24. Tanchip, C., Yunusova, Y., Waito, A., Cui, C., Guarin, D., & Green, J. R. (2020). A Complexity-Based Approach for Automatic Diadochokinesis Analysis in Amyotrophic Lateral Sclerosis (ALS). 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
25. Connaghan, K., Gutz, S., Eshghi, M., Nicholson, K., Yunusova, Y., Onnela, J.P., Berry, J., & Green, J.R. (2020). Effects of Task Repetition on Acoustic Measures of Speech Produced by Persons with Amyotrophic Lateral Sclerosis. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
26. Wisler, A., Teplansky, K., Green, J.R., Yunusova, Y., Campbell, T., Heitzman, D., & Wang, J. (2020). Analyzing Residuals of Machine Learning based ALS-FRS Speech Score Predictions 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
27. Wisler, A., Teplansky, K., Green, J.R., Yunusova, Y., Campbell, T., Heitzman, D., & Wang, J. (2020). ALS detection based on onset using correlation structural features from kinematic measurements. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
28. Cordella, C., Eshghi, M., Getchell, K., Dickerson, B., & Green, J. R. (2020). Comparative diagnostic accuracy of acoustic and kinematic measures for identifying motor speech impairment in primary progressive aphasia. 2020 Motor Speech Conference, Santa Barbara, CA, February 20-23.
29. Yunusova, Y., Waito, A., Barnett, C., Martino, R., Abrahao, A., Zinman, L., & Green, J. R. (2020). A Novel ALS Index of Bulbar Dysfunction (ALS-IBD): Establishing Face and Content Validity. 2020 Motor Speech Conference, Santa Barbara, CA, USA, February 20-23.
30. Perry, B.J., Stipancic, K., Richburg, B.D., & Green, J.R. (2019). Longitudinal recovery of speech motor function following facial transplantation. Translational Science 2019, Washington, DC.
31. Cordella, C., Eshghi, M., Getchell, K., Stipancic, K., Dickerson, B., & Green, J.R. (2019). Acoustic and kinematic assessment of motor speech impairment in patients with suspected 4-repeat tauopathies: A pilot study. Boston Speech Motor Control Symposium, Boston MA.

32. Stipancic, K. L., Yunusova, Y., Campbell, T. F., Wang, J., Berry, J. D., & Green, J. R. (2019). Robust talkers: Natural compensation for impaired speech motor control in a cohort of individuals with ALS. Boston Speech Motor Control Symposium, Boston MA.
33. Rowe, H.P., Stipancic, K., Esghi, M., & Green, J.R. (2019). Speech motor impairment profiling based on acoustic features. Boston Speech Motor Control Symposium, Boston MA.
34. Perry, B.J., Martino, R., Plowman, E., Stipancic, K., Sullivan, S., Berry, J., & Green, J.R. (2018). The relation between Lingual Biomechanics during Swallowing and Swallowing Function in persons diagnosed with ALS. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.
35. Rong, P., & Green, J.R. (2018). Early Stratification of Fast & Slow Progressors of Bulbar ALS Based on a Diadochokinetic Task. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.
36. Stipancic, K., Yunusova, Y., & Green, J.R. (2018). Robust Talkers: Natural Compensation for Impaired Speech Motor Control in Individuals with ALS. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.
37. Usler, E., Wei, X., Simone, M., Richburg, B.D., & Green, J.R. (2018). Modulation of Intermuscular Beta Coherence in Different Rhythmic Mandibular Behaviors. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.
38. Allison, K., & Green, J.R. (2018). Effect of Prosodic Manipulation on Vowel Distinctiveness in Children. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.
39. Mancini, A., Stipancic, K., Richburg, B.D., & Green, J.R. (2018) Evaluation of Post-Stroke Facial Asymmetry Using 3D Depth-Sensing Facial Motion Tracking. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.
40. Hustad, K., & Green, J.R. (2018). Motor Speech Disorders in Children & Adults: Lessons from Development and Degeneration. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.
41. Rong, P., Stipancic, K., & Green, J.R. (2018). Predicting disease-related changes in jaw contribution to tongue movement in ALS based on a diadochokinetic task. 2018 Motor Speech Conference, Savannah, GA.
42. Stipancic, K., Yunusova, Y., & Green, J.R. (2018). Minimally detectable change and minimal clinically important difference of speech intelligibility and speaking rate for individuals with ALS. 2018 Motor Speech Conference, Savannah, GA.
43. Allison, K., Yunusova, Y., & Green, J.R. (2018). Effect of sentence length on intelligibility and speech motor performance in ALS. 2018 Motor Speech Conference, Savannah, GA.
44. Cordella, C., Quimby, M., Brickhouse, M., Dickerson, B., & Green, J.R. (2018). Neural correlates of longitudinal changes in articulation rate across subtypes of primary progressive aphasia. 2018 Motor Speech Conference, Savannah, GA.
45. Lee, E., Xing, F., Ahn, S., Reese, T., Wang, R., Green, J., ... & Woo, J. (2017). Subject-specific anatomical assessment of the human tongue in amyotrophic lateral sclerosis (ALS) by high-resolution MRI and diffusion tensor imaging. 174th Meeting of the Acoustical Society of America in New Orleans, LA,
46. Savastano, M., Perry, B., Lof, G., Wagner, L.B., & Green, J.R. (2017). The efficacy of lingual strengthening exercises for dysphagia in acute stroke recovery: a preliminary study. Annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.

47. Rong, P. & Green, J.R. (2017). Predicting speech intelligibility based on tongue-jaw coordination in persons with amyotrophic lateral sclerosis. Annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
48. Stipancic, K., Yunusova, Y., & Green, J.R. (2017). Minimally detectable change & minimal clinically important difference of speech intelligibility for individuals with ALS. Annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
49. Rong, P., Yunusova, Y., Richburg, B.D., & Green, J.R. (2017). Automatic extraction of abnormal speech movement features in ALS from an oral diadochokinetic task. Annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
50. Cordella, C., Quimby, M., Dickerson, B., & Green, J.R. (2017). Longitudinal changes in quantitative rate measures across three variants of primary progressive aphasia. Annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
51. Allison, K., Cordella, C., Iuzzini-Seigel, J., & Green, J.R. (2017). Diagnosing apraxia: a systematic review of recent literature on differential diagnosis of AOS & CAS. Annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
52. Green, J.R., Yunusova, Y., Rong, P., & Allison, K. (2017). Quantitative speech motor markers of bulbar involvement in ALS. Annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
53. Perry, B.J., Yunusova, Y., Martino, R., Plowman, E.K., Green, J.R. (2017). Early changes in lingual movement during the swallow in persons with Amyotrophic Lateral Sclerosis. Dysphagia Research Society Annual Meeting, Baltimore, Maryland.
54. Rong, P., Yunusova, Y. & Green, J.R. (2016). Differential effects of velopharyngeal dysfunction on Speech Intelligibility during early & late stages of ALS. Annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
55. Karpinski, L., Simone, M., Richburg, B.D., Nunn, D., Carvalho, S., Leite, J., Fregni, F., & Green, J. (2016). The Effects of Transcranial Direct Current Stimulation on Speech Motor Learning. Annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
56. Allison, K., Yunusova, Y., Wang, J., Green, J.R. (2016). Annual convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
57. Simone, M. & Green, J.R. (2016). The differential effects of whole-head vibration during speech and non-speech tasks. The conference on motor speech, Newport Beach, CA.
58. Cordella, C., Caso, C., Dickerson, B., & Green, J.R. (2016). Anatomic correlates to a quantitative fluency measure in primary progressive aphasia. The conference on motor speech, Newport Beach, CA.
59. Perry, B., Bueno, E., Pomahac, B. & Green, J.R. (2016). The Impact of Labial Strength on Speech Following Facial Transplantation. The conference on motor speech, Newport Beach, CA.
60. Cordella, C., Dickerson, B., Quimby, M., Yunusova, Y., & Green, J.R. (2015). Fluency-based measures for subtyping of patients with primary progressive aphasia. Annual convention of the American Speech-Language-Hearing Association, Denver, CO.
61. Rong, P., Yunusova, Y., & Green, J.R., (2015). Speech intelligibility decline in individuals with fast & slow progression rates of bulbar ALS. Annual convention of the American Speech-Language-Hearing Association, Denver, CO.
62. Simone, M., Richburg, B. D., & Green, J. R. (2015). The effects of indirect vibration on sensorimotor integration of mandibular movements. Annual convention of the American Speech-Language-Hearing Association, Denver, CO.

63. Sorbo, J.L., Simione, M., Loret, C., Le Révérend, B.J.D., Moser, M., & Green, J. R. (2015). Spatiotemporal Variability in Jaw Masticatory Movements during Development. Annual convention of the American Speech-Language-Hearing Association, Denver, CO.
64. Zuk, J., Iuzzini-Seigel, J., Cabbage, K., Green, J.R., & Hogan, T.P. (2015). Speech perception in childhood apraxia of speech: language matters. Annual convention of the American Speech-Language-Hearing Association, Denver, CO.
65. Centanni, T., Sanmann, J., Hogan, T., Iuzzini, J., Sanger, W., & Green, J.R. (2014). The role of candidate-gene CNTNAP2 in language disorder symptoms: Motor gene or cognitive gene? Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
66. Iuzzini, J., Hogan, T.P., & Green, J.R. (2014). Utility of ASHA criteria for differentiating school-age children with CAS & speech delay, Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
67. Perry, B., Green, J.R., Bueno, E., & Pomohac, B. (2014). The effects of labial strength training on strength & range of motion following facial transplantation, Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
68. Rong, P., Yunusova, Y. & Green, J.R. (2014). Comparing functional declines in individuals with different rates of ALS progression, Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
69. Shellikeri, S., Green, J.R., Zinman, L., Pattee, G., Kulkari, M., & Yunusova, Y. (2014). Speech movements in amyotrophic lateral sclerosis: Cross-sectional & longitudinal aspects, Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
70. Simione, M., Yunusova, Y., & Green, J.R. (2014). Validation of clinical observations of mastication in persons with ALS, Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
71. Wang, J., Samal, A., & Green, J.R. (2014) Preliminary Test of a Real-Time, Interactive Silent Speech Interface Based on Electromagnetic Articulograph. 5th Workshop on Speech and Language Processing for Assistive Technologies (SLPAT), Baltimore, MD.
72. Iuzzini, J. Green, J.R., & Hogan, T.P. (2014). Effects of masking on vowel space area in childhood apraxia of speech. Motor Speech Conference, Sarasota, FL.
73. Rong, P., Green, J.R., & Yunusova, Y. (2014). Predicting bulbar motor involvement due to ALS: A data-mining approach. Motor Speech Conference, Sarasota, FL.
74. Shellikeri, S., Yunusova, Y., Green, J., Pattee, G., & Zinman, L. (2014). Articulatory movements in amyotrophic lateral sclerosis: Tongue and jaw. Motor Speech Conference, Sarasota, FL.
75. Wang, J., Green, J.R., & Samal, A. (2014). A real-time, interactive silent speech interface based on electromagnetic articulograph, Motor Speech Conference, Sarasota, FL.
76. Iuzzini, J., Hogan, T.P., & Green, J.R. (2013). Effect of Auditory Masking in Children with CAS, Speech Delay, and Typical Speech Development. Annual meeting of the American Speech-Language Hearing Association, Chicago, Ill.
77. Kuruvilla, M., Sanmann, J., Sanger, W., Hogan, T.P., & Green, J.R. (2013). Relations Between genotypes & cognitive-language phenotypes in ALS. Annual meeting of the American Speech-Language Hearing Association, Chicago, Ill.
78. Rong, P., Green, J.R., & Yunusova, Y. (2013). Speech intelligibility loss as a function of speech subsystem motor decline due to ALS, Annual meeting of the American Speech-Language Hearing Association, Chicago, Ill.

79. Shellikeri, S., Yunusova, Y., Green, J., Pattee, G., Berry, J., Rutkove, S. & Zinman, L. (2013). Electrical impedance myography (EIM) in the evaluation of the tongue musculature: Preliminary Results. The 12th Annual NEALS Meeting, Clearwater Beach, FL.
80. Wang, J., Green, J.R, Samal, A., & Yunusova, Y. (2013). Individual articulators' contribution to vowel production by persons with ALS, Annual meeting of the American Speech-Language Hearing Association, Chicago, Ill.
81. Green, J. R., Yunusova, Y., Pattee, G., Zinman, L., Kuruvilla, M., Wang, J., & Falikowski, M. (2012). Bulbar motor deterioration in ALS, the 64th Annual Meeting of the American Academy of Neurology, New Orleans, LA.
82. Green, J. R., Yunusova, Y., Pattee, G., Zinman, L., Kuruvilla, M., Wang, J., & Falikowski, M. (2012). Bulbar motor deterioration in ALS. The 24th Annual International Symposium on ALS/MND, Chicago, ILL.
83. Kuruvilla, M., & Green, J.R. (2012). Functional near-infrared spectroscopy correlates of ALS-related speech motor, cognitive, and language deficits, Bulbar motor deterioration in ALS. The 24th Annual International Symposium on ALS/MND, Chicago, ILL.
84. Kuruvilla, M., Green, J.R., Hogan, T.P., Yunusova, Y., & Ayaz, H. (2012). Functional near-infrared spectroscopy correlates of ALS-related speech motor, cognitive, and language deficits, Conference on Motor Speech, Santa Rosa, CA.
85. Mefferd, A.S., Nip, I.S.B., & Green, J.R. (2012). The relative contribution of the lower lip and jaw across the lifespan, Conference on Motor Speech, Santa Rosa, CA.
86. Wang, J., Green, J. R., Samal, A., Yunusova, Y., & Kuruvilla, M. S. (2012). Stage-based progression of articulatory performances in early ALS, Conference on Motor Speech, Santa Rosa, CA.
87. Wang, J., Green, J. R., Samal, A., Yunusova, Y., Pattee, G., & Boney, T. (2012). Articulatory and acoustic vowel space changes in early stage ALS. Annual meeting of the American Speech-Language Hearing Association, Atlanta, GA.
88. Wilson, E.M., Green, J.R., Yunusova, Y., & Kuruvilla, M. S. (2012). Speech deterioration in amyotrophic lateral sclerosis: The role of speech and non-speech tasks, Santa Rosa, CA.
89. Yunusova, Y., Green, J. R., Falikowski, M., Gauster, A., Kuruvilla, M., Pattee, G., & Zinman, L. Do rates of decline in bulbar mechanism predict survival in ALS: A pilot study with measures of velopharyngeal inadequacy. The 24th Annual International Symposium on ALS/MND, Chicago, ILL.
90. Kuruvilla, M., Green, J.R., & Yunusova, Y. (2011). Cognitive decline in amyotrophic lateral sclerosis (ALS): An fNIRS Study. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.
91. Davidson, S., Hogan, T.P., Kuruvilla, M.S., Ayez, H., Srivastava, P., & Green, J.R. (2011). Detecting comprehension-monitoring skills in young children using fNIRS. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.
92. Wilson, E.M., Green, J.R., Yunusova, Y.Y., & Moore, C.A. (2011). Task specificity in early oral motor development. Wisconsin Speech Language and Hearing Association State Convention, Stevens Point, WI.
93. Thomas, A., & Green, J.R. (2010). Temporal asynchrony of spontaneous oral movement in early speech. Annual meeting of the American Speech-Language Hearing Association, Philadelphia, PA.
94. Nip, I.S.B., & Green, J.R. (2010). Coemergence of cognition, language, and speech motor skills. The Conceptual Structure Discourse, and Language Conference (CSDL) and Embodied and Situated Language Processing Workshop (ESLP). San Diego, CA.

95. Mefferd, A., Green, J.R., Gary, G. & Hassebroek, C. (2010). The effect of motoneuron degeneration on speech motor control and F1 variability in talkers with ALS. Motor Speech Conference, Savannah, GA.
96. Mefferd, A.M., & Green, J.R. (2010). Rate-dependent coordinative flexibility of lower lip & jaw in ALS. Motor Speech Conference, Savannah, GA.
97. Nip, I.S.B., & Green, J.R. (2010). Developmental changes in speech movement stability: Task effects. Motor Speech Conference, Savannah, GA.
98. Yunusova, Y., Green, J. R., Kuruvilla, M.S., Wang, J., Lingham, A., Pattee, G., & Zinman, L. (2010). Kinematic markers of bulbar ALS, Motor Speech Conference, Savannah, GA.
99. Evans, D. E., Healey, E.C., & Green, J.R. (2009). Task demands on the fluent speech of adults who stutter. Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
100. Kuruvilla, M.S., Green, J.R., Yunusova, Y. (2009). Functional independence of lingual movements in dysarthric speakers. Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
101. Mefferd, A.M., & Green, J.R. (2009). Rate-dependent coordinative flexibility of lower lip & jaw in ALS. Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
102. Vick, J.C., Moore, C.A., Campbell, T.F., Shriberg, L.D., & Green, J.R. (2009). Multivariate classification of children with speech delay of unknown origin. Annual meeting of the American Speech-Language Hearing Association, New Orleans, LA.
103. Vick, J.C., Moore, C.A., Campbell, T.F., Shriberg, L.D., & Green, J.R. (2009). Refinement of speech motor control in preschool-aged speakers. 157th meeting of Acoustical Society of America, Portland, OR.
104. Wang, J., Samal, A., Green, J.R., & Carrell, T.D. (2009). Vowel recognition from articulatory position time-series data. 157th meeting of Acoustical Society of America, Portland, OR.
105. Mefferd, A.S., Green, J.R., Ball, L.J. & Pattee, G. (2008). Physiological constraints and their effect on articulatory performance in ALS. Conference on Motor Speech, Monterey, CA.
106. Yunusova, Y., Green, J.R., Ball, L.J., & Pattee, G. (2008). Acoustics of bulbar deterioration in ALS. Conference on Motor Speech, Monterey, CA.
107. Nip, I.S.B., & Green, J.R. (2008). Articulatory Speed from 9 to 21 Months. Conference on Motor Speech, Monterey, CA.
108. Green, J.R., Nip, I.S.B., Wilson, E.M., & Mefferd, A.S. (2008). Articulatory modifications during infant directed speech. Annual meeting of the American Speech-Language Hearing Association, Boston, MA.
109. Yunusova, Y. Green, J.R., Ball, L. Mefferd, A., & Pattee, G. (2007). Articulatory correlates of speech intelligibility in ALS. Annual meeting of the American Speech-Language Hearing Association, Boston, MA.
110. Mefferd, A., Ball, L., Pattee, G. & Green, J.R. (2007). A kinematic study of rate-dependent articulatory performance changes in ALS. Annual meeting of the American Speech-Language Hearing Association, Boston, MA.
111. Wilson, E.M., & Green, J.R. (2007). Kinematic analysis of chewing development: A longitudinal investigation. Annual meeting of the American Speech-Language Hearing Association, Boston, MA.
112. Yee, M.J., Moore, C.A., Venkatesh, L., Vick, J., Campbell, T.F., Shriberg, L.D., Green, J.R., & Rusiewicz, H. (2007). Children's mandibular movement patterns in two nonspeech tasks. Paper

- presented at the 2007 Annual meeting of the American Speech-Language Hearing Association, Boston, MA.
113. Vick, J.C., Moore, C.A., Venkatesh, L., Campbell, T.F., Rusiewicz, H.L., Shriberg, L.D., & Green, J.R. (2006). Physiologic and behavioral classification of delayed speech: Syllable repetition tasks. 4th Joint Meeting of the Acoustical Society of America and Acoustical Society of Japan, Honolulu, HI.
  114. Dietz, A., Hux, K., Carrell, T., Green, J., Snell, J., & Zickefoose, S. (2006). Slowed speaking rates following TBI: Motor speech or cognitive deficit? Annual meeting of the American Speech-Language Hearing Association, Miami, FL.
  115. Wilson, E., & Green, J.R. (2006). Comparison of jaw motion between early speech and early chewing. Annual meeting of the American Speech-Language Hearing Association, Miami, FL.
  116. Fager, S., Green, J.R., & Hakel, M. & (2006). Facial kinematics of a speaker with palatal lift following brainstem impairment. Conference on Motor Speech, Austin, TX.
  117. Mefferd, A., & Green, J.R. (2006). The predictability of formant patterns based on lingual kinematics. Conference on Motor Speech, Austin, TX.
  118. Nip, I., & Green, J.R. (2006). Development of speaking rate: A kinematic perspective. Conference on Motor Speech, Austin, TX.
  119. Scheer, A., Shriberg, L., Kent, R., & Green, J.R. (2006). Classification studies of childhood apraxia of speech and dysarthria. Conference on Motor Speech, Austin, TX.
  120. Fager, S., Beukelman, D.R. & Hakel, M. & Green, J.R. (2005). Facial kinematics of a speaker with palatal lift following brainstem impairment. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.
  121. Mefferd, A., & Green, J.R. (2005). Acoustic-to-articulatory relations in response to rate and loudness manipulations. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.
  122. Nip, I., & Green, J.R. (2005). Development of speaking rate: A kinematic perspective. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.
  123. Quach, W., Green, J.R., Moore, C.A., Shriberg, L., Scheer, A., & Campbell, T. (2005). Speech timing deficits in children with speech delay. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.
  124. Beukelman, D.R., Ball, L.J., & Green, J.R. (2004). Pause and speech durations across speaking rates for ALS speakers. Annual meeting of the American Speech-Language Hearing Association, Philadelphia, PA.
  125. Fager, S. & Green, J.R. (2004). Orofacial kinematics in an adult with a complex clinical presentation. Annual meeting of the American Speech-Language Hearing Association, Philadelphia, PA.
  126. Green, J.R., Beukelman, D.R., & Ball, L. J. (2004). Algorithmic estimation of pauses in extended speech samples. Conference on Motor Speech, Albuquerque, NM.
  127. Hakel, M., Beukelman, D.R., Fager, S., Green, J.R., & Marshall, J. (2004). Dynamic nasal obturation using a one-way valve: Technical report on a prototype. Conference on Motor Speech, Albuquerque, NM.
  128. Hosom, J.P., Shriberg, L., & Green, J.R. (2004). Diagnostic assessment of childhood apraxia of speech using automatic speech recognition (ASR) methods. Conference on Motor Speech, Albuquerque, NM.

129. Wilson, E.M. & Green, J.R. (2004). Kinematic description of chewing development, Annual meeting of the American Speech-Language Hearing Association, Conference on Motor Speech, Albuquerque, NM.
130. Wilson, E.M. & Green, J.R. (2004). Kinematic description of chewing development. Annual meeting of the American Speech-Language Hearing Association, Philadelphia, PA.
131. Wilson, E.M. & Green, J.R. (2003). Kinematic description of chewing development, Annual meeting of the American Speech-Language Hearing Association, Chicago, Ill.
132. Green, J.R., & Weismer, G. (2003). Acoustic consequences of articulatory strategy, Annual meeting of the American Speech-Language Hearing Association, Chicago, Ill.
133. Patel, R. & Green, J.R. (2002). Orofacial coordination in Möbius syndrome. Annual meeting of the American Speech-Language Hearing Association, Atlanta, GA.
134. Wilson, E.M. & Green, J.R. (2002). Lingual coordination during swallowing. Annual meeting of the American Speech-Language Hearing Association, Atlanta, GA.
135. Green, J.R. & Wilson, E. (2002). A kinematic description of oromotor behaviors during the first year of life. Conference on Motor Speech, Williamsburg, VA.
136. Green, J.R., Shriberg, L.D., & Campbell, T.F. (2002). Speech timing variability in children with typical speech acquisition, speech delay, and suspected apraxia of speech. Conference on Motor Speech, Williamsburg, VA.
137. Green, J.R., & Weismer, G. (2001). Articulatory and acoustic relations during variations in speech rate and loudness. The 141th Meeting of the Acoustical Society of America, Chicago, IL.
138. Green, J.R., Pittelko, S.L., & Wang, Y. (2000). Tongue surface dynamics during speech and swallowing. The 140th Meeting of the Acoustical Society of America, Newport Beach, CA.
139. Green, J.R., Moore, C.A., & Reilly, K.J. (2000). The asynchronous development of articulatory control. Conference on Motor Speech, San Antonio, TX.
140. Connaghan, K.P., Moore, C.A., Reilly, K.J., Campbell, T.F., Green, J.R., & Steeve, R.W. (2000). Inter-articulator coordination in children with impaired speech motor control. Annual meeting of the American Speech-Language Hearing Association, Washington, D.C.
141. Reilly, K.J., Moore, C.A., Connaghan, K.P., Campbell, T.F., Green, J.R., & Steeve, R.W. (2000). Lip configurations in impaired speech motor control. Annual meeting of the American Speech-Language-Hearing-Association, Washington, D.C.
142. Connaghan, K.P., Reilly, K.J., Moore, C.A., Campbell, T.F., & Green, J.R. (2000). Kinematics of motor speech disorders. Conference on Motor Speech, San Antonio, Texas.
143. Reilly, K. J., Moore, C.A., Campbell, T. F., Green, J.R. (1999). Developmental speech motor disorders: kinematic, description, and classification. Annual meeting of the American Speech-Language-Hearing Association, San Francisco, CA.
144. Steeve, R.W., Moore, C.A., & Green, J. R. (1999). Physiologic development of mandibular coordination in 9-month-old children. Annual meeting of the American-Speech-Language-Hearing Association, San Francisco, CA.
145. Green, J.R., Moore, C.A., Higashikawa, M., & Steeve, R. (1998). Respondents: Kent, R.D. & Locke, J.L. Physiologic development of speech motor control: Lips and jaw. Annual meeting of the American Speech-Language-Hearing Association, San Antonio, TX.



146. Higashikawa, M., Moore, C.A., & Green, J.R. (1998). Longitudinal study of respiratory coordination in children 9 - 48 months. Annual meeting of the American Speech-Language Hearing Association, San Antonio, TX.
147. Steeve, R., Moore, C.A., & Green, J.R. (1998). Physiologic development of mandibular coordination in 9-month-old children. Annual meeting of the American Speech-Language Hearing Association, San Antonio, TX.
148. Green, J.R., Moore, C.A., Higashikawa, M., & Steeve, R. (1998). Development of lip and jaw coordination for production of bilabial consonants. Conference on Motor Speech, Tucson, AZ.
149. Moore, C.A., Steeve, R., & Green, J.R. (1998). Physiologic development of mandibular coordination in 9-month-old children: An update. Conference on Motor Speech, Tucson, AZ.
150. Green, J.R., Moore, C.A., & Rodda, P.R. (1997). Longitudinal study of chewing in children aged 12 to 48 months. Annual meeting of the American Speech-Language Hearing Association, Boston, MA.
151. Green, J.R., Buder, E.H., Rodda, P.R., & Moore, C.A. (1996). Reliability of measurement across several acoustic voice analysis systems. Conference on Motor Speech. Amelia Island, FL.

#### *Regional*

1. Wang, J., Green, J.R., Samal, A., & Carrell, T.D. (2010). Recognizing continuously produced vowels from articulatory movements. IEEE International Conference on Signal Processing and Communications (ICSPC 2009), Omaha, Nebraska.
2. Greenway, L., & Green, J.R. (2006). Orofacial movement in infant-directed speech. Undergraduate Research Conference, University of Nebraska-Lincoln
3. Wilson, E.M., Green, J.R., & Weismer, G. (2005). Kinematic description of chewing development. Annual convention of the Wisconsin Speech-Language Pathology and Audiology Association, Middleton, WI.

#### *Professional presentations and panels*

1. Green, J.R., Arbel, Y., Barkmeier-Kramer, J., Berry, J., & Mefferd, A.S. (2015). Thinking about a PhD? Information for prospective doctoral students. Annual meeting of the American Speech-Language Hearing Association, Denver, CO.
2. Green, J.R., Rousseau, B., Spencer, K., & Zimmerman, E. (2014). Thinking about a PhD? Information for prospective doctoral students. Annual meeting of the American Speech-Language Hearing Association, Orlando, FL.
3. Green, J.R., (2014). New directions in research on speech impairments due to ALS. ALS patient day, MGH ALS Clinic, Boston, MA.
4. Green, J.R., Adlof, S.M., Hogan, T. P., Nip, I., & Wilson, E.M. (2013). Thinking about a PhD? Information for prospective doctoral students. Annual meeting of the American Speech-Language Hearing Association, Chicago, Ill.
5. Tjaden, K., Green, J.R., Oetting J., & Ryals, B. (2012). Thinking about a PhD? Information for prospective doctoral students. Annual meeting of the American Speech-Language Hearing Association, Atlanta, GA.
6. Barlow, S., Green, J.R., & Martin, N. (2012). Introduction to Grant Writing. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.

7. Gray, S., Evans, J., Rodriguez, B., Kiran, S., Hogan, T.P., & Green, J.R. (2012). Thinking about a PhD? Information session for prospective doctoral students. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.
8. Tjaden, K., Green, J.R., Oetting J., & Ryals, B. (2011). Thinking about a PhD? Information session for prospective doctoral students. Annual meeting of the American Speech-Language Hearing Association, San Diego, CA.

## **TEACHING**

### **Courses**

Instructor: *Motor Speech Disorders* (MGH IHP)

Instructor: *Matlab programming for the Speech and Hearing Sciences* (UW-Seattle)

Instructor: *Neural Processes in Speech, Language, and Hearing* (UW-Madison, UNL)

Instructor: *Doctoral Seminar on Speech Physiology I* (UNL)

Instructor: *Doctoral Seminar on Speech Physiology II* (UNL)

Instructor: *Dysphagia* (UW-Madison)

### **Independent Studies: 34**

#### **Master's Theses when serving as Primary Advisor**

1. Danielle Gagne (2020). Investigating the Relationship Between Severity and Intelligibility in Childhood Apraxia of Speech
2. Noor Zaghulula (2019). Intermuscular Coherence in a Rapid Syllable Repetition Task as a Marker of Disease Progression in Individuals with ALS
3. Kira Marie Palmer (2019). Towards an empirical classification of dysarthria severity
4. Karpinski, L., J. (2016). The effects of transcranial direct current stimulation on speech motor learning, MGH Institute of Health Professions, Boston, MA.
5. Sorbo, J. (2015). Developmental changes of jaw movement pattern stability during chewing, MGH Institute of Health Professions, Boston, MA.
6. Rowe, L. (2015). Speech Sound degradation over the course of amyotrophic lateral sclerosis, MGH Institute of Health Professions, Boston, MA.

#### **Doctoral Advising and Doctoral Committees**

SHBT Harvard: 2 students (Chair), 3 students (Dissertation Advisory Committee Member)

MGH IHP: 5 students (Chair)

Boston University: 1 student (Committee Member)

UNL: 3 students (Chair), 2 students (Co-chair), 12 students (Committee Member)

UW-Madison: 1 student (Chair), 9 students (Committee Member)

#### **Students' Dissertations when serving as Primary Advisor or Committee Member**

1. Thibeault, S. (2001). Vocal fold injury and repair, University of Wisconsin-Madison.
2. Wang, Y.T. (2003). Dysarthria associated with traumatic brain injury, University of Wisconsin-Madison.
3. Easterling, C.S. (2004). Effect of the shaker exercise on swallow and vocal function.

4. Wilson, E.M. (2005). Kinematic description of chewing development, University of Wisconsin-Madison.
5. Nip, I.S.B. (2007). Early speech motor development: the influences of cognitive and linguistic factors, University of Nebraska-Lincoln.
6. Evans, K.J. (2008). Gesture comprehension by individuals with traumatic brain injury, University of Nebraska-Lincoln.
7. Mefferd, A.S. (2008). Rate-dependent articulatory performance changes in talkers with amyotrophic lateral sclerosis, University of Nebraska-Lincoln.
8. Evans, D. (2009). The effect of linguistic, memory, and social demands on the speech motor control and autonomic response of adults who stutter, University of Nebraska-Lincoln.
9. Janky, K.L. (2009). Unilateral centrifugation: Effects of age, translation method and vestibular disease on ocular torsion and SVV, University of Nebraska-Lincoln.
10. Srinivasan, N.K. (2010). The perception of nature, cell phone, computer-synthesized speech during the performance of simultaneous visual-motor tasks, University of Nebraska-Lincoln.
11. Wang, J. (2011). Silent speech recognition from articulatory motion
12. Sanman, J. N. (2012). Phenotypic consequences of duplications involving short stature homeobox (SHOX), University of Nebraska Medical Center.
13. Farquharson Schussler, K. (2012). Working memory processes in children with and without persistent speech sound disorders. University of Nebraska-Lincoln.
14. Cabbage, K. (2013). Perceptual skills underlying phonological deficits in children: evidence from behavioral and electrophysiological measures of speech perception. University of Nebraska-Lincoln.
15. Thomas, A. (2013). Word learning effects on speech motor performance in children with childhood apraxia of speech. University of Nebraska-Lincoln.
16. Simione, M. (2017). Oral Sensorimotor Integration: Task-dependent Effects of Mandibular Performance to Whole-Head Vibration and Transcranial Direct Current Stimulation
17. Perry, B. (2018). The Evaluation and Treatment of Neurologically-Based Oral Motor Impairment using Biomechanical Approaches
18. Cordella, C. (2019). Quantitative assessment of motor speech impairment in primary progressive aphasia
19. Stipancic, K. (2020). Multidisciplinary Perspectives on Motor Speech Assessment and Intervention

#### ***Postdoctoral Fellows***

Yunusova, Y. (2005-2006), Kuruvilla, M. (2008-2011), Wang, J. (2012), Iuzzini, J. (2012 - 2015), Rong, P. (2012- 2016), Allison, K. (2015-2017), Wei, X. (2016-2017), Usler, E. (2017-2019); Wilson, E. (2016-2018), Zaninotto, A. (2018-2021), Eshghi, M. (2018-2021), Chenausky, K. (2018-2021), Connaghan, K. (2018-2021), Olivia Murton (2021-Present).

#### ***External Examiner of Doctoral Dissertations (International)***

Cheng, H.A. (2006). A physiologic investigation of speech motor development, The University of Queensland, Australia.

**HONORS**

2013-present	Distinguished Chair in Rehabilitation Sciences, Matina Souretis Horner Professorship, MGH IHP
2021	Excellence in Mentoring Award, MGH IHP
2020	Distinguished Alumni Award, University of Washington, Speech and Hearing Sciences
2017	MGH IHP Faculty Award for Excellence in Research
2014	Willard R. Zemlin Memorial Lecture Award, American Speech-Language-Hearing Association
2011	Fellow of the American Speech-Language-Hearing Association
2003 - 2013	Distinguished Chair in Communication Disorders, University of Nebraska-Lincoln
2005	Certificate of Recognition for Contributions to Students, UNL Parents Association and the UNL Teaching Council
2003	Professor of the Year, University of Wisconsin-Madison NSSLHA
2000	Editor's Award in Speech for article of highest merit, Journal of Speech, Language, and Hearing Research

***Mentee presentation awards***

2020	Hannah Rowe, Outstanding Student Presentation Award, presented at the 2020 International Seminar on Speech Production (ISSP), Providence, RI
2019	Hannah Rowe, First prize poster award, poster presented at the 2019 Boston Speech Motor Control Symposium, Boston, MA
2018	Kaila Stipancic, First prize, student research award, poster presented at the 2018 Motor Speech Conference, Savannah, GA
2017	Panying Rong, First Prize, poster presented at the 7 <sup>th</sup> International Conference on Speech Motor Control, Groningen, Netherlands[
2006	Antje Mefferd, First Prize, poster presented at the 5th International Conference on Speech Motor Control, Nijmegen, Netherlands;

**PROFESSIONAL ACTIVITIES*****Editorial Consultant***

American Journal of Speech-Language Pathology (AJSLP)  
 Archives of Oral Biology  
 ASHA's continuing education program  
 Communicative Disorders Review  
 Computer Methods and Programs in Biomedicine  
 Computer Speech and Language  
 Dysphagia  
 Dysphagia Document Revision Group for ASHA  
 Experimental Brain Research  
 Folia Phoniatica et Logopaedica  
 Frontiers in Human Neuroscience  
 International Journal of Language & Communication Disorders  
 IEEE Open Journal of Engineering in Medicine and Biology  
 Journal of Acoustical Society of America (JASA)  
 Journal of Communication Disorders

Journal of Neurophysiology  
 Journal of Oral Rehabilitation  
 Journal of Speech, Language, and Hearing Research (JSLHR)  
 Neurorehabilitation and Neural Repair

***Guest Associate Editor***

Journal of Speech, Language, and Hearing Research

***Member of National Institutes of Health Grant Review Panel***

2008 - 2012: Center for Scientific Review, The Motor Function, Speech and Rehabilitation Study Section (MFSR)

***Ad hoc Grant Reviewer***

2017: U.S. Department of Veteran's Affairs

2016: NIH Center for Scientific Review, MFSR

2015: NIH Center for Scientific Review, MFSR; ASHA conference, Lessons for Success Program; ASHA Foundation, Grant Reviewer Training Program (GRRT)

2014: NIH, National Institute on Deafness and Other Communication Disorder (NIDCD); NIH, National Institute on Dental and Craniofacial Research (NIDCR); ASHA Foundation, Lessons for Success Program; ASHA, Grant Reviewer Training Program (GRRT)

2013: NIH Center for Scientific Review, MFSR

2007, 2009: American Speech-Language-Hearing Foundation

2007: Center for Scientific Review, MFSR

2006 - 2010: NIH, National Institute on Deafness and Other Communication Disorder (NIDCD)

2004: National Science Foundation

***Conference Programming and Service***

Present - 2011: Co-Chair, Biannual Conference on Motor Speech

2021: Session Co-Chair on Speech Recognition on Atypical Speech, Interspeech 2021(canceled due to COVID)

2020: Invitation to serve as a panelist for ASHA 2020 Research - Researcher-Academic Town Meeting, ASHA conference (canceled due to COVID)

2020: Co-Chair, ASHA's 2020 Research Symposium, Advances in Speech Research and Brain-Computer Interface Technology for Individuals with Communication Disorders (canceled due to COVID)

2014: Session Co-Chair, Conference of the International Speech Communication Association

2010: Committee member, Basic science program planning committee for 2010 American Speech-Language and Hearing Association's annual meeting

2009 - 2011: Committee member, Planning committee for the Annual ASHA-NIH Research Symposium.

2009: Committee member, Basic science program planning committee for the 2010 Motor Speech Conference meeting

2008: Co-Chair, 18th Annual ASHA-NIH Research Symposium: Neurobiological determinants of human communication: Prematurity and early childhood

2008: Committee member, Executive planning committee for the 2010 Conference on Motor Speech meeting

- 2008: Committee member, Basic science program planning committee for 2008 American Speech-Language and Hearing Association's annual meeting
- 2007: Committee member, Basic science program planning committee for 2007 American Speech-Language and Hearing Association's annual meeting
- 2005: Committee member, Basic science program planning committee for 2005 American Speech-Language and Hearing Association's annual meeting
- 2004: Program Chair, Speech Science section for 2004 Conference on Motor Speech
- 2002: Committee member, Basic science program planning committee for 2002 American Speech-Language and Hearing Association's annual meeting
- 2001: Committee member, Basic science program planning committee for 2001 American Speech-Language and Hearing Association's annual meeting
- 1999: Committee member, Basic science program planning committee for 2000 American Speech-Language and Hearing Association's annual meeting

### ***Memberships***

American Speech and Hearing Association (01086796)  
Acoustical Society of America

### ***Scientific consultant***

Biogen  
Retrophin

### ***OTHER SERVICES***

- 2017: Sponsor, Northeast ALS Consortium (NEALS) Bulbar Symposium
- 2016-2017: Committee member, MGH IHP Communication Sciences and Disorders Department Chair Search Committee
- 2016: Committee member, MGH IHP President Search Committee
- 2016-present: Committee member, Graduate Admissions, Speech and Hearing Biosciences and Technology Program, Harvard.
- 2016-present: Director, SHBT Speech-Language Pathology tract, Speech and Hearing Biosciences and Technology Program, Harvard.
- 2015-2016: Committee member, Institutional Review Board (Spaulding Rehabilitation Hospital)
- 2014-2017: Representative for American Speech-Language and Hearing Association, American Association for the Advancement of Science
- 2013-2018: Data and Safety Monitoring Board for NIH-NIDCD supported clinical trial
- 2011-2014: Committee member, Research and Scientific Affairs Committee, American Speech-Language and Hearing Association
- 2010-2013: Chair, Departmental Governance Committee (UNL)
- 2010-2013: Committee member, Institutional Review Board (UNL)
- 2009, 2011: Committee member, Departmental Governance Committee (UNL)

2009 - 2010: Committee member, Departmental Chair Search Committee (UNL)  
2006, 2008: Committee member, College of Education and Health Sciences Promotion and Tenure Committee (UNL)  
2007: Co-chair, College of Education and Health Sciences Promotion and Tenure Committee (UNL)  
2007: Chair, Departmental Search Committee (UNL)  
2003 - 2006: Barkley-Madonna Institute Liaison (UNL)  
2003 - 2013: Graduate Advisor (UNL)  
2003 - 2013: Committee member, Comm Dis Ad hoc Transition Committee (UNL)  
2003 - 2013: Committee member, Barkley IT Advisory Board (UNL)  
1999 - 2003: Committee member, Masters Curriculum Revision Committee (UW-Madison)  
1996: Committee member, Doctoral Curriculum Revision Committee (UW, Seattle)

### ***CERTIFICATION AND LICENSURE***

1992 - Present: ASHA Certificate of Clinical Competence in Speech-Language Pathology  
1991 - 93: California State License in Speech and Language Pathology (#8323)

A handwritten signature in cursive script that reads "Jordan R. Meen". The signature is written in black ink and is positioned below the text of the resume.