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Adjunct Assistant Professor
MGH Institute of Health Professions
Honorary Fellow
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EDUCATION

University of Wisconsin, Madison	Postdoctoral Training	2007
University of Wisconsin, Madison	Ph.D.	2005
University of Wisconsin, Madison	M.S.	2001
University of Wisconsin, Milwaukee	B.S.	1999

PROFESSIONAL EXPERIENCE

2016 – Present	ADJUNCT ASSISTANT PROFESSOR MGH Institute of Health Professions
2007- Present	HONORARY FELLOW Waisman Center University of Wisconsin - Madison
2005-2006	CLINICAL FELLOW SPEECH LANGUAGE PATHOLOGY University of Wisconsin Hospital and Clinics

GRANTS & OTHER FUNDING

Principal Investigator (PI)/Co-PI

Research Supplement: *Speech Movement Classification for Assessing and Treating ALS*, 3R01 DC013547-04S1/DC/NIDCD NIH HHS/United States; 2017-2018

Research Grant: *Longitudinal Description of Chewing Development*, American Speech-Language-Hearing Foundation; New Century Scholars Research Grant Recipient, \$10,000, 2009-2010

Research Grant: *Speech Characteristics in Individuals with Down Syndrome*, U.S. Department of Education, H133F070035, National Institute on Disability and Rehabilitation Research - Mary E. Switzer Fellowship, \$65,000, 2007-2009

Dissertation Grant: *Early Development of Chewing*, F31 DC006337/DC/NIDCD NIH HHS/United States, \$50,000, 2004-2005

Consultant

Research grant: *Orofacial Kinematics of Children with Cerebral Palsy*, PI: Ignatius Nip, R03 DC012135/DC 0/NIDCD NIH HHS/United States; \$448,500, 2011-2014

Student

National Institute of Health- NICHD [T32 HD07489]; Postdoctoral Fellowship in Mental Retardation and Developmental Disabilities, *Waisman Center- University of Wisconsin-Madison*, 2005-2007

National Institute of Health-NIDCD [T32 DC05359]; Institutional Predoctoral Traineeship, *University of Wisconsin-Madison*, 2002-2004
Wisconsin Alumni Research Foundation, Articulatory Kinematics during Infant-Directed Speech; Principle Investigator: Jordan Green, *University of Wisconsin-Madison*, 2001-2002
Maternal Child Health Interdisciplinary Leadership Education Program, Audiology Trainee, *University of Wisconsin-Madison*, 2000-2001

PUBLICATIONS

Peer-Reviewed Publications

- Nip, I.S.B., Wilson, E.M., Kearney, L. (2017). Spatial Characteristics of Jaw Movements during Chewing in Children with Cerebral Palsy: A Pilot Study. Dysphagia. doi: 10.1007/s00455-017-9830-2. [Epub ahead of print]
- Green, J.R., Simone, M., Le Révérend, B., Wilson, E.M., Richburg, B., Alder, M., Del Valle, M., Loret, C. (2017). Advancement in Texture in Early Complementary Feeding and the Relevance to Developmental Outcomes. *Nestle Nutr Inst Workshop Ser.*, 87:29-38.
- Simione, M., Wilson, E.M., Yunusova, Y., Green, J.R., (2016). Validation of Clinical Observations of Mastication in Persons with ALS. Dysphagia: 31(3):367-75. PMID: 26803773.
- Wilson, E.M., Green, J.R., & Weismer, G. (2012). A Kinematic Description of the Temporal Characteristics of Jaw Motion for Early Chewing: Preliminary Findings. Journal of Speech, Language, and Hearing Research: 55(2):626-38. PMID: 22223889.
- Wilson, E. M. & Nip, I. S. B. (2012). Development of the oromotor functions for speech. In Roig-Quills, M. & Pennington, L. (eds.) *Oro-motor disorders in childhood* (pp. 45-62). Barcelona: Viguera
- Green, J.R., Nip, I.S.B., Wilson, E.W., Mefferd, A.S., & Yunusova, Y. (2010). Lip Movement Exaggerations During Infant Directed Speech. Journal of Speech, Language, and Hearing Research: 53(6):1529-42. PMID: 20699342.
- Wilson, E.M. & Hustad, K.C. (2009). Early Feeding Abilities in Children with Cerebral Palsy: A Parental Report Study. Journal of Medical Speech-Language Pathology: March. PMID: 20046974.
- Wilson, J.J., Theis, S.M., & Wilson, E.M. (2009) Evaluation and Management of Vocal Cord Dysfunction in the Athlete. Current Sports Medicine Reports: 8(2):65-70. PMID: 19276905.
- Wilson, E.M. & Green, J.R. (2009). The Development of Jaw Motion for Mastication; Early Human Development: 85(5):303-11. PMID: 19185434.
- Wilson, E.M., Green, J.R., Yunusova, Y. & Moore, C.A. (2008). Task-Specificity in Early Oral Motor Development. Seminars in Speech and Language: 29(4):257-266. PMID: 19058112.
- Green, J.R., Wilson, E.M., Wang, Y., & Moore, C.A. (2007). Estimating Mandibular Motion Based on Chin Surface Targets During Speech. Journal of Speech, Language, and Hearing Research: 50:1-12. PMID: 17675597.
- Wilson, E.M. & Green, J.R. (2006) Coordinative Organization of Lingual Propulsion during the Normal Adult Swallow. Dysphagia: 21(4):226-236. PMID: 17221289.

- Wilson, J.J., and Wilson, E.M. (2006). Practical Management: Vocal Cord Dysfunction in Athletes. Clinical Journal of Sports Medicine:16(4):357-360. PMID: 16858223.
- Green, J.R. & Wilson E.M. (2006). Spontaneous Facial motility in infancy: A 3D Kinematic Analysis. Developmental Psychobiology: 48:16-28. PMID: 16381029.

Invited Non Peer-Reviewed Publications

- Nip, I.S.B. & Wilson, E.M. (2017). Beyond Eyes and Ears: The Need for Biomechanic Analysis of Speech and Nonspeech Behaviors in Children with Cerebral Palsy. Perspectives of the ASHA Special Interest Groups, Neurogenic Communication Disorders (SIG 2): 2:77-87.
- Wilson, E.M. and Nip, I.S.B. (2010). Physiologic Studies Provide New Perspectives on Early Speech Development. Perspectives on Speech Science & Orofacial Disorders: 20:29-36.

Abstracts and Proceedings

- Nip, I. S. B. & Wilson, E. M. (2014). Jaw kinematics of chewing in children with cerebral palsy. Developmental Medicine and Child Neurology, 56(S5), 77-78.
- Green, J.R., Nip, I.S.B., Wilson, E.M., & Mefferd, A.S. (2008). Articulatory exaggerations during infant directed speech. The Journal of Acoustical Society of America, 123, 3077. PMID: 20699342.
- 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).

INVITED PRESENTATIONS

- Green, J.R., Adolf, S., Hogan, T., Nip, I., Wilson, E.M. Thinking About a Ph.D.? Information Session for Prospective Doctoral Students. American Speech Language and Hearing Association National Convention, Chicago IL, 2013.
- Wilson, E.M. The Quantification of Chewing Development. BioResearch Annual Conference of Evidence Based Dentistry and Biometrics, Milwaukee WI, 2013.
- Wilson, E.M., Feeding the Newborn. Nursing Science III: Concepts of Health Care for Women and Children. University of Wisconsin-Milwaukee, 2011; 2012.
- Wilson, E.M., Introduction to Communicative Disorders. MCI Speech-to-Speech Training Program, Madison WI, 2002.

PRESENTATIONS

- Nip, I.S.B. & Wilson, E.M. Jaw Kinematics of Chewing in Children with Cerebral Palsy. American Academy of Cerebral Palsy and Developmental Medicine 68th Annual Meeting, San Diego CA, 2014.
- Nip, I.S.B., Kearney, L., Wilson, E.M., A Kinematic Description of Jaw Motion for Chewing in Children with Cerebral Palsy. American Speech Language and Hearing Association National Convention, Chicago IL, 2013.

- Wilson, E.M., Green, J.R., Yunusova, Y, Kuruvilla, M. Speech Deterioration in Amyotrophic Lateral Sclerosis. Identifying Objective Measures of Decline. The Role of Speech and Non-Speech Tasks. Conference on Motor Speech, Santa Rosa CA, 2012.
- Wilson, E.M., Green, J.R., Yunusova, Y.Y., & Moore, C.A. Task Specificity in Early Oral Motor Development. Wisconsin Speech Language and Hearing Association State Convention, Stevens Point WI, 2011.
- Price, C.M., Wilson, E.M., & Green, J.R. Chewing Development: A Longitudinal Perspective. Nebraska Research and Innovation Conference, Lincoln NE, 2010.
- Wilson, E.M., Speech Production characteristics in Individuals with Down syndrome: A Systematic Analysis of Variables affecting Speech Intelligibility. Mary E. Switzer Research Fellowship Seminar, Arlington VA, 2009.
- Green, J.R., Nip, I.S.B., Wilson, E.M., & Mefferd, A.S., Articulatory exaggerations during infant directed speech. Joint meeting of the Acoustical Society of America and the European Acoustics Association, Paris, France, 2008.
- Wilson, E.M. & Smith, L.E., Identifying and Obtaining a Postdoctoral Position. University of Wisconsin-Department of Human Development and Family Studies Professional Development Seminar, Madison WI, 2007.
- Green, J.R., Nip, I.S.B., Mefferd, A.S., Greenway, L., & Wilson, E.M., Articulatory Modifications During Infant Directed Speech. American Speech Language and Hearing Association National Convention, Boston MA, 2007.
- Wilson, E.M. & Green, J.R., Kinematic Analysis of Chewing Development: A Longitudinal Investigation. American Speech Language and Hearing Association National Convention, Boston MA, 2007.
- Wilson, E.M. & Hustad, K.C., The Development of Feeding Proficiency in Young Children with Cerebral Palsy. American Speech Language and Hearing Association National Convention, Miami FL, 2006.
- Wilson, E.M., & Green, J.R., Comparison of Jaw Motion between Early Speech and Early Chewing. American Speech Language and Hearing Association National Convention, Miami FL, 2006.
- Wilson, E.M. & Royer, H.R., Grant Writing Advice. University of Wisconsin-School of Nursing Colloquia Series, Madison WI, 2006.
- Wilson, E.M., & Heilmann, J., Pursuing a Ph.D.: *Two Students' Perspectives*. American Speech Language and Hearing Association National Convention, San Diego CA, 2005.
- Wilson, E.M., Green J.R., & Weismer, G., Kinematic Description of Chewing Development. Wisconsin Speech Language and Hearing Association State Convention, Madison WI, 2005.
- Wilson, E.M., Green J.R., & Weismer, G., Kinematic Description of Chewing Development. American Speech Language and Hearing Association National Convention, Philadelphia PA, 2004.
- Wilson, E.M., Green J.R., & Weismer, G., Kinematic Description of Chewing Development. *Preliminary Findings* [Presentation]. Conference on Motor Speech, Albuquerque NM, 2004.
- Wilson, E.M., Green, J.R., & Weismer, G., Kinematic Description of Chewing

- Development: *Preliminary Findings* [Poster]. American Speech Language and Hearing Association National Convention, Chicago IL, 2003.
- Green, J.R. & Wilson E.M. The significance of spontaneous orofacial motility in early vocal development. Conference on Progress in Motor Control IV: Motor Control and Learning over the Life Span. Université de Caen Basse-Normandie, France, 2003.
- Wilson, E.M. & Green J.R., Quantitative Description of Tongue Coordination During the Normal Adult Swallow. American Speech Language and Hearing Association National Convention, Atlanta Georgia, 2002.
- Kelly, D.J., Sieff, S., & Wilson, E.M., Are You Curious about Pursuing a Doctoral Degree? Wisconsin Speech-Language Pathology and Audiology Association State Convention, Milwaukee WI, 2002.
- Green, J.R. & Wilson E.M., A Kinematic Description of Oromotor Behaviors during the First Year of Life. Conference on Motor Speech, Williamsburg VA, 2002.

PROFESSIONAL ACTIVITIES

- American Speech-Language-Hearing Association Convention
Speech and Language Science Program Committee: 2016
- Early Human Development
Editorial Consultant: 2013-present
- British Journal of Nutrition
Editorial Consultant: 2013-present
- Dysphagia
Editorial Consultant: 2012-present
- Conference on Motor Speech
Proposal Review Committee: 2004; 2012
- Clinical Linguistics & Phonetics
Editorial Consultant: 2009-present
- Language, Speech, and Hearing Services in Schools
Editorial Consultant: 2006-present
- Journal of Speech, Language, and Hearing Research
Editorial Consultant: 2004-Present

AWARDS AND HONORS

- 2004 Wisconsin Speech Language and Hearing Association: Judith Kulpa Scholarship Recipient
- 2003-2004 Vilas Student Travel Scholarship Recipient
- 2003-2004 Frederick A. Gruber Scholarship Recipient
- 2002 American Speech Language and Hearing Association: Exceptional Student Authored Paper Travel Award
- 2001 Wisconsin Speech Language and Hearing Association: Stanley Ewanowski Scholastic Award Recipient
- 2000 Quota Club International Fellowship Scholarship Recipient

MEMBERSHIPS

American Speech-Language-Hearing Association
Member: 2007-present

CERTIFICATION AND LICENSURE

Wisconsin License (Speech-Language Pathology) #2772-154
ASHA Certificate of Clinical Competence – Speech Language Pathology, 2007-Present