

# CURRICULUM VITAE

## SAMANTHA E. SHUNE

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Communication Disorders and Sciences · The University of Oregon  
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### EDUCATION

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**PhD**      **University of Iowa, 5/2014**

Major: Speech and Hearing Science, Department of Communication Sciences and Disorders  
Dissertation: The effects of age and sensation on the anticipatory motor patterns activated during deglutition  
Chair: Jerald B. Moon, PhD

Additional Certification and Training:  
Graduate Certificate in College Teaching, 6/2011  
Interdisciplinary Graduate Fellowship in Aging, 2012-2013

**MA**      **The Ohio State University, 8/2007**

Major: Speech and Hearing Science  
Thesis: Speech perception by children with Specific Language Impairments: Auditory sensitivities and masking effects  
Chair: Susan Nittrouer, PhD

**BA**      **University of Michigan, 5/2005**

Degree conferred with Highest Honors and Highest Distinction  
Major: Linguistics (Honors) and Psychology  
Minor: Applied Statistics  
Thesis: Nasals and nasalization in American English: Implications for theories of coarticulation  
Advisor: Patrice Beddor, PhD

### ACADEMIC AND PROFESSIONAL POSITIONS

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#### ACADEMIC

University of Oregon, Communication Disorders and Sciences  
Assistant Professor, 9/2014 – present

University of Iowa, Department of Communication Sciences and Disorders  
Adjunct Assistant Professor, 6/2014 – present  
Graduate Scholar/Trainee, 9/2012 – 6/2014  
Graduate Research/Teaching Assistant, 8/2009 – 9/2012  
Lab Manager, Communication and Memory Lab, 8/2009 – 8/2011

University of Iowa, Department of Rhetoric  
Instructor, Writing Center, 9/2010 – 12/2012

Augustana College, Department of Communication Sciences and Disorders  
Teaching Fellow, 11/2010 – 2/2011

The Ohio State University, Department of Speech and Hearing Science  
Graduate Research Assistant, Ontogeny of Segmental Speech Organization and Early Development of Children with Hearing Loss Labs, 3/2006 – 8/2007 (Funded through grants R01DC000633 and R01DC006237 awarded to Susan Nittrouer, PhD)

University of Michigan, Department of Linguistics  
Research Assistant, Phonetics and Phonology Lab, 1/2004 – 6/2005 (Funded through NSF Grant BCS-0118684 awarded to Patrice Beddor, PhD)

**PROFESSIONAL**

Speech-Language Pathologist (Acute, Skilled Nursing, Long Term, and Home Health Care Therapy)  
Aegis Therapies; Mercy Hospital; Millennium Therapy; ONR Inc; University of Iowa Hospitals  
and Clinics; 7/2009 – 6/2014

Rehabilitation Team Member/Speech-Language Pathologist (Inpatient/Outpatient Rehab, Stroke Team)  
The Ohio State University Medical Center, Dodd Hall, 9/2007 – 6/2009

**RESEARCH INTERESTS**

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My research program is aimed at mitigating the deleterious effects of both healthy and pathologic aging on the eating process. Under- and malnutrition, weight loss, dehydration, and declines in the rates of social interaction and social network size are prevalent and debilitating concerns for older adults. The shared mealtime provides a particularly potent opportunity to address the complex relationships between social interaction and health-relevant biopsychosocial symptoms and outcomes. Drawing on my clinical background in medical speech-language pathology, I am focused on integrating the physiologic components of swallowing with a more holistic view of the mealtime process (e.g., cognition, communication, socialization/social relationships). Ultimately, I am interested in translating this research into clinical practice that can improve both safety and quality of life for a variety of patient populations across the lifespan.

**RESEARCH SUPPORT**

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**Funded Research Grants**

Project Title: A Community-Based Participatory Research Approach to Nursing Home Dining Practices for Individuals with Dysphagia  
Agency/Amount: University of Oregon Faculty Seed Grant/\$2,500 (Special Education and Clinical Sciences Department match of \$1,000)  
Role: Principal Investigator  
Status: Funded (2015 – 2016)

Project Title: Effects of aging on anticipatory functional synergies activated during deglutition  
Agency/Amount: NIH-NIA (National Research and Service Award; F31)/\$52,229  
Grant Number: F31AG042255  
Role: Principal Investigator  
Status: Funded (2012 – 2014)

Project Title: Effects of aging on the functional synergies activated during deglutition  
Agency/Amount: University of Iowa Executive Council of Graduate and Professional Students, Research Grant/\$750  
Role: Principal Investigator  
Status: Funded (2011 – 2013)

**Funded Extramural Research Grants in Support of Students**

Project Title: Students Preparing for Academic and Research Careers (SPARC) Award  
Agency/Amount: American Speech-Language-Hearing Association (\$1,000)  
Role: Mentor  
Status: Funded (2016 – 2017)

**Grants Applied, under review**

Project Title: The Influence of Post-Stroke Dysphagia on Family Functioning and Disability  
Agency/Amount: ASH Foundation New Investigator Research Grant  
Role: Principal Investigator  
Status: Under review (2016)

**Grants Applied, not funded**

Project Title: Redefining Dining Practices for Residents with Dysphagia: A Community-Based Participatory Research Approach  
 Agency/Amount: ASH Foundation New Investigator Research Grant  
 Role: Principal Investigator  
 Status: Not funded (2015)

Project Title: Older adults' use of anticipatory sensorimotor cues to promote swallow safety  
 Agency/Amount: NIH-NIA (Small Research Grant Program; R03)  
 Role: Principal Investigator  
 Status: Not funded (2015) [Revision under preparation]

Project Title: Integrating mealtime social interaction and physiology in older adulthood  
 Agency: NIH (Director's Early Independence Award; DP5)  
 Role: Principal Investigator  
 Status: Not funded (2014)

Project Title: Effects of aging on the functional synergies activated during deglutition  
 Agency: Council of Academic Programs in Communication Sciences and Disorders, Plural Publishing Research Award  
 Role: Principal Investigator  
 Status: Not funded (2012)

Project Title: Impact of sensory cues on mealtime safety in older adults  
 Agency: AHRQ (Health Services Dissertation Research Grant; R36)  
 Role: Principal Investigator  
 Status: Not funded (2011)

**PUBLICATIONS**

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**Refereed Journal Articles**

- Shune, S. & Moon, J.B. (in press). The effects of age and non-oral proprioceptive and exteroceptive sensation on the magnitude of anticipatory mouth opening during eating. *Journal of Oral Rehabilitation*.
- Shune, S., Moon, J.B., & Goodman, S.S. (2016). The effects of age and pre-oral sensorimotor cues on anticipatory mouth movement during swallowing. *Journal of Speech, Language, and Hearing Research, 59*, 195-205.
- Shune, S. & Duff, M.C. (2014). Verbal play as a discourse resource in the social interactions of older and younger communication pairs. *Journal of Interactional Research in Communication Disorders, 5*(2), 193-216.
- Shune, S. & Duff, M.C. (2012). Verbal play as an interactional discourse resource in early stage Alzheimer's disease. *Aphasiology, 26*(6), 811-825.
- Shune, S.E., Karnell, L.H., Karnell, M.P., Van Daele, D.J., & Funk, G.F. (2012). The association between severity of dysphagia and survival in patients with head and neck cancer. *Head & Neck, 34*(6), 776-784.
- Shune, S. & Moon, J.B. (2012). Neuromuscular electrical stimulation in dysphagia management: Clinician use and perceived barriers. *Contemporary Issues in Communication Science and Disorders, 39*, 54-67.
- Nittrouer, S., Shune, S., & Lowenstein, J.H. (2011). What is the deficit in phonological processing deficits: Auditory sensitivity, masking, or category formation? *Journal of Experimental Child Psychology, 108*(4), 762-785.

**Conference Proceedings/Abstracts**

- Shune, S. & Duff, M.C. (2012). Verbal play as an interactional discourse resource in healthy and disordered aging [abstract]. *Gerontologist, 52*, 532.
- Shune, S., Karnell, L., & Karnell, M. (2011). Dysphagia predicts survival in patients with head and neck cancer [abstract]. *Dysphagia, 26*(4), 456.
- Sefton, S.E. & Beddor, P.S. (2005). Nasals and nasalization: The interplay between segmental duration and coarticulation [abstract]. *J. Acoust. Soc. Am. 117*, 2620.

**Book Chapters**

Duff, M.C., Shune, S., & Cohen, N.J. (forthcoming, 2016). Memory and language in aging. In M. Rizzo & S. Anderson (Eds.) *The Wiley Handbook on the Aging Mind and Brain*.

**Manuscripts Under Review**

Shune, S. (under review). An altered eating experience: Attitudes toward feeding assistance among younger and older adults.

Shune, S. & Foster, K. (under review). Goal-directed drinking behaviors can be modified through behavioral mimicry.

**Manuscripts in Preparation**

Shune, S. & Linville, D. (in preparation). Promoting a positive dining experience: Stakeholders views on the nursing home dining process.

Shune, S. & Linville, D. (in preparation). The importance of relationships in improving the dining experience for nursing home residents with dysphagia.

**PRESENTATIONS (State, National, and International)**

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**Invited**

Shune, S. (2014). Eating is not just swallowing: Defining the “anticipatory” components of the mealtime process. Oregon Speech-Language and Hearing Association Annual Conference, Eugene, OR, October.

**Refereed Paper/Poster Presentations** (\* indicates student author)

Shune, S. & Morano-Villhauer, A. (2016). Beyond dysphagia: The hidden epidemic of malnutrition in older adulthood. American Speech-Language-Hearing Association Convention, Philadelphia, PA, November.

Bolognone, R.K., Palmer, A.D., & Shune, S. (2016). Swallowing, aging, and dysphagia: What is normal? Oregon Speech-Language and Hearing Association Annual Conference, Salem, OR, October.

Shune, S. & Moon, J.B. (2016). Age and pre-oral sensation impact the magnitude of anticipatory lip/jaw lowering. Dysphagia Research Society, Tucson, AZ, February.

Shune, S., \*Aiello, A., \*Belfit, S., \*Cooper, M., & \*Manghera, D. (2015). Comparison of two tools for dysphagia student learning: A pilot study comparing MBSImP™ & Swallowtail. American Speech-Language-Hearing Association Convention, Denver, CO, November.

\*\*Meritorious Poster Designation (top 3%)\*\*

\*Aiello, A., \*Belfit, S., \*Cooper, M., \*Manghera, D., & Shune, S. (2015). Comparison of two tools for dysphagia student learning. Oregon Speech-Language and Hearing Association Annual Conference, Portland, OR, October.

\*Foster, K. & Shune, S. (2015). Monkey See, Monkey Swallow? An exploratory study on the effects of mimicry on eating behaviors. Oregon Speech-Language and Hearing Association Annual Conference, Portland, OR, October.

Shune, S. & Moon, J.B. (2014). Eating is not just swallowing: Redefining the “swallowing” process in the elderly. American Speech-Language-Hearing Association Convention, Orlando, FL, November.

Shune, S. & Moon, J.B. (2014). Effects of age and sensation on the anticipatory stage of swallowing. Dysphagia Research Society, Nashville, TN, March.

Shune, S. & Duff, M.C. (2012). Verbal play as an interactional discourse resource in healthy and disordered aging. Gerontological Society of America Annual Scientific Meeting, San Diego, CA, November.

Shune, S. & Duff, M.C. (2011). Verbal play across the lifespan. American Speech-Language-Hearing Association Convention, San Diego, CA, November.

Shune, S. & Moon, J.B. (2011). Current approaches to dysphagia therapy: A survey of speech-language pathologists in Iowa. Iowa Speech-Language-Hearing Association Convention, Des Moines, IA, October.

Shune, S., Karnell, L.H., Karnell, M.P., Van Daele, D.J., & Funk, G.F. (2011). The association between dysphagia severity and survival in patients with head and neck cancer. Dysphagia Research Society, San Antonio, TX, March.

Shune, S. & Duff, M.C. (2010). Verbal play among elderly individuals with and without Alzheimer’s Disease. American Speech-Language-Hearing Association Convention, Philadelphia, PA, November.

- Shune, S., Karnell, L.H., & Karnell, M.P. (2010). The association between dysphagia severity and survival in patients with head and neck cancer. American Speech-Language-Hearing Association Convention, Philadelphia, PA, November.
- Sefton, S. & Nittrouer, S. (2008). Speech perception of children with SLI: Auditory sensitivities and masking. American Speech-Language-Hearing Association Convention, Chicago, IL, November.
- Sefton, S.E. & Beddor, P.S. (2005). Nasals and nasalization: The interplay between segmental duration and coarticulation. The 149<sup>th</sup> Meeting of the Acoustical Society of America, Vancouver, Canada, May.

## **SELECTED AWARDS AND HONORS**

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- 7/2015 Butler-Williams Scholars Program Participant (competitive selection), Sponsor: National Institute on Aging (NIA)
- 4/2014 Lessons for Success Research Workshop Participant (competitive selection), Co-Sponsors: American Speech-Language-Hearing Association and the National Institute on Deafness and Other Communication Disorders (NIDCD) (funded through NIH grant U13DC007835)
- 2/2014 Professional Advancement Grants: Travel/Professional Development, University of Iowa
- 2/2014 Graduate Student Senate Travel Fund Award, University of Iowa
- 1/2014 Pathways Program Participant (competitive selection), Sponsor: American Speech-Language-Hearing Association (funded through NIH grant U24DC012078)
- 10/2013 Professional Advancement Grants: Travel/Professional Development, University of Iowa
- 10/2011 Graduate Student Senate Travel Fund Award, University of Iowa
- 2011 – 2013 Exemplary Senator, Graduate Student Senate, University of Iowa
- 12/2011 Professional Advancement Grants: Travel/Professional Development, University of Iowa
- 11/2011 New Century Scholars Doctoral Fellowship, American Speech-Language-Hearing Foundation
- 1/2011 Professional Advancement Grants: Travel/Professional Development, University of Iowa
- 12/2010 Recognition, Thank a Teacher Program, University of Iowa
- 9/2010 Graduate Student Senate Travel Fund Award, University of Iowa
- 2/2010 Professional Advancement Grants: Travel/Professional Development, University of Iowa
- 11/2009 Graduate College Travel Award, University of Iowa
- 3/2006 The Ohio Speech-Language-Hearing Association Graduate Student Scholarship
- 8/2005 University Fellowship, The Ohio State University
- 5/2005 The Cutcheon Travel Fund Award, University of Michigan Honors College
- 4/2005 Matt Alexander Prize, Best Undergraduate Honors Thesis in Linguistics
- 4/2005 Virginia Voss Memorial Award: Excellence in Academic Writing, University of Michigan Honors College
- 3/2004 Phi Beta Kappa
- 2002 – 2005 James B. Angell Scholar and University Honors, University of Michigan College of LSA
- 2002 Golden Key National Honor Society
- 8/2001 Regents Merit Scholarship, University Of Michigan

## **TEACHING EXPERIENCE**

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**Assistant Professor**, University of Oregon, Communication Disorders and Sciences  
 CDS-649: Assessment and Treatment of Feeding and Swallowing Disorders (graduate); Spring 2015, Fall 2016  
 CDS-656: Voice Science and Disorders (graduate); Fall 2014, 2015, 2016  
 CDS-660: Motor Speech Disorders (graduate); Fall 2015, Spring 2016

**Lecturer/Instructor**, University of Iowa, Department of Communication Sciences and Disorders  
 CSD-147: Neurogenic Disorders of Speech (graduate); Spring 2014

**Graduate Teaching Assistant**, University of Iowa, Department of Communication Sciences and Disorders  
 CSD-015: Intro to Speech/Hearing Processes & Disorders (undergraduate); Spring 2012 (M. Duff, instructor)  
 CSD-110: Phonetics: Theory and Applications (undergraduate); Fall 2011 (J. Moon, instructor)  
 CSD-112: Anatomy & Physiology of Speech Production (undergraduate); Spring 2011 (J. Moon, instructor)  
 CSD-116: Basic Neuroscience for Speech & Hearing (undergrad/grad); Fall 2010 (E. Finnegan, instructor)

**Lecturer/Instructor**, Augustana College, Department of Communication Sciences and Disorders  
 CSD-470: Senior Inquiry – Research Essay (undergraduate); Winter 2010-2011

**Teaching Assistant**, University of Michigan, Department of Psychology

PSYCH-114: Honors Introduction to Psychology (undergraduate); Spring 2003 (W. McKeachie, instructor)

**Guest Lectures/Other**

## Community

“Swallowing, Aging and Dysphagia: What is Normal?” with Andrew Palmer, PhD, CCC-SLP and Rachel K. Bolognone, MS, CCC-SLP offered as continuing education through Oregon health & Science University’s Northwest Clinic for Voice and Swallowing, Grand Rounds in Voice and Swallowing (12/4/2015)

## University of Oregon

“Treatment of Acquired Voice Disorders” in *Acquired Disorders of Communication* (5/25/2016)

“Swallowing and Dysphagia”, “Motor Speech Disorders” in *Speech Pathology-Audiology as Professions* (10/30/2015)

“Beyond dysphagia: The hidden epidemic of malnutrition in older adulthood” offered as a continuing education opportunity for local speech-language pathologists (4/11/2015)

“Swallowing and Dysphagia” in *Speech Pathology-Audiology as Professions* (11/7/2014)

## University of Iowa

“Nutrition and Swallowing in Aging” in *Communication Disorders and Aging* (2/9/2012)

“Concepts in Motor Control” in *Neurogenic Disorders of Speech* (1/31/2011)

**PROFESSIONAL AND COMMUNITY SERVICE**

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2016	Scholarship Reviewer (Graduate Student Scholarship Program), The American Speech-Language-Hearing Foundation
2015 – present	Member of the Website and Online Presence Committee, College of Education, University of Oregon
2015 – present	Member of the Communication Disorders and Sciences Faculty Search Committee (2 positions), College of Education, University of Oregon
2015 – present	Mentor, The Mentoring Academic Research Careers (MARC) Mentoring Program, American Speech-Language-Hearing Association
2015	Member of the Health Promotion and Obesity Prevention Cluster Hire Search Committee (3 positions), College of Education, University of Oregon
2014 – present	Program Committee, DRS Post-Graduate Early Investigator Initiative/Session, Dysphagia Research Society
2014 – present	Member of the Website, Communications, and Public Relations Committee (WCPRC), Dysphagia Research Society
2014 – present	Faculty Mentor, Evidence-Based Practice/Capstone Project (MA students), Communication Disorders & Sciences, University of Oregon
2014 – present	Evidence-Based Practice Workgroup Member, Communication Disorders & Sciences, University of Oregon
2014 – present	Medical Practice Workgroup Member, Communication Disorders & Sciences, University of Oregon
2011 – 2014	Senator/Department Representative, Graduate Student Senate, University of Iowa
2012 – 2013	Mentor, Critical Mentoring and Student Support Program, University of Iowa
2012 – 2013	Judging and Submissions Co-chair, Jakobsen Conference, University of Iowa
2011 – 2012	Member of Organizing Committee, Jakobsen Conference, University of Iowa
2011	Speech-Language Pathologist Volunteer, Retreat and Refresh Stroke Camp, Camp Courageous of Iowa
2011	Poster Presentation Judge, Iowa Center for Research by Undergraduates, University of Iowa
2010 – 2014	Grant Reviewer (Research and Travel Grants), The Professional Advancement Grants Committee of the Executive Council of Graduate and Professional Students, University of Iowa
2004 – 2005	Undergraduate Advisor and Peer Advising Coordinator, University of Michigan Honors College
2004 – 2005	Undergraduate Advisor, University of Michigan Department of Psychology
2003	Member of Organizing Committee, The North American Undergraduate Linguistics Conference

2003 Member of Organizing Committee, Michigan Linguistics Society

Journal Reviewer *Dysphagia*

## **PROFESSIONAL MEMBERSHIPS AND LICENSURE**

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### ***Professional Memberships***

The American Speech-Language-Hearing Association, Member/ACE recipient [ACE recipient 2010, 2014, 2015]	2006 – present
The American Speech-Language-Hearing Association Special Interest Groups, Member [Group 13 Dysphagia and Group 15 Gerontology]	2007 – present
The Dysphagia Research Society, Member	2009 – present
The Gerontological Society of America, Member	2013 – present
The Iowa Speech-Language-Hearing Association, Member	2010 – 2014
The Oregon Speech-Language & Hearing Association, Member	2014 – present

### ***Certification***

Certificate of Clinical Competence in Speech-Language Pathology (ASHA)	2008 – present
Licensed Speech-Language Pathologist, State of Oregon	2014 – present
Licensed Speech-Language Pathologist, State of Iowa	2009 – 2015
Licensed Speech-Language Pathologist, State of Ohio	2008 – 2010