

Anna V. Sosa

Northern Arizona University
Department of Communication Sciences and Disorders
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Education

Ph.D., Speech and Hearing Sciences

University of Washington, 2008

B.S., Speech and Hearing Sciences

University of Washington, 2001

M.A., Linguistics

University of New Mexico, 2000

B.A., Foreign Languages

Pomona College, 1993

EMPLOYMENT HISTORY

Associate Professor, Department of Communication Sciences and Disorders, Northern Arizona University (2015-present)

Visiting Scholar, Department of Linguistics and English language, The University of Edinburgh (2017)

Assistant Professor, Department of Communication Sciences and Disorders, Northern Arizona University (2009-2015)

Speech-Language Pathologist, Bainbridge Island School District, Bainbridge Island, WA, (2007-2009)

PROFESSIONAL QUALIFICATIONS

American Speech-Language Hearing Association: Certificate of Clinical Competence in Speech-Language Pathology

Arizona State License: Speech-Language Pathologist

SCHOLARSHIP

Grants

NIH NIDCD Small Grant Program (R03). (\$437,957), *The Use of Lexical-Phonological Profiling to Predict Short-term Speech Sound Normalization*. (Role: PI)

American Speech-Language-Hearing Foundation (\$5,000). New Investigators Research Grant. *Caregiver-Infant Communicative Interaction during Play*. Role: PI

NAU Faculty Grants Program FY2012 (\$10,034). *Phonological Variability in Early Language Acquisition, Part 2*. (Role: PI)

NAU Faculty Grants Program FY2011 (\$9,285). *Phonological Variability in Early Language Acquisition*. (Role: PI)

NIH individual pre-doctoral training fellowship (tuition, stipend, and research support), National Institute on Deafness and Other Communication Disorders, 1 F31 DC008016-01A1, 2006-2008. *Lexical Effects in Typical Phonological Development*.

American Speech-Language-Hearing Foundation (\$2,000), Student Research Grant in Early Childhood Language, 2005-2006. One grant awarded annually. (Role: PI)

NIH institutional pre-doctoral training fellowship (tuition, stipend, and research support), National Institute on Deafness and Other Communication Disorders, DC00033, 2004-2006, *Research Training in Speech and Hearing Sciences*, Christopher Moore (PI).

Awards

NAU Department of Communication Sciences and Disorders, Outstanding Teacher of the Year, 2014

American Speech-Language-Hearing Association Research Conference Travel Grant. Awarded to attend ASHA/NIH 4th Annual Research Conference: Lessons for Success, Developing the Emerging Scientist. May 4-6, 2006

Research assistantship (tuition and stipend): University of Washington, Dep't of Speech and Hearing Sciences, 2004

Nominee, University of Washington Excellence in Teaching Award, 2003

Teaching assistantship (tuition and stipend): University of Washington, Dep't of Speech and Hearing Sciences, 2001-2004

Teaching assistantship (tuition and stipend): University of New Mexico, Dep't of Linguistics, 1998-2000

MA Comprehensive Exams passed with distinction: University of New Mexico, Dep't of Linguistics, 2000

BA, Cum Laude, senior exercises passed with distinction: Pomona College, 1993

Publications

Peer-Reviewed Articles:

Sosa, A. V. (2016). Lexical Considerations in the Treatment of Speech Sound Disorders in Children. *Perspectives of the ASHA Special Interest Groups, SIG 1, Vol 1 (Part 2)*, 57- 65.

Sosa, A. V. (2016). Association of the type of toy used during play with the quantity and quality of parent-infant communication. *JAMA Pediatrics*, 170 (2)132-137.

Macrae, T. & Sosa, A.V. (2015). Predictors of token-to-token inconsistency in preschoolers with typical speech-language development. *Clinical Linguistics & Phonetics*, 29, 922-937.

Sosa, A.V. (2015). Intra-word variability in typical speech development. *American Journal of Speech Language Pathology*, 24, 24-35.

Sosa, A.V. & Stoel-Gammon, C. (2012). Lexical and Phonological Effects in Early Word Production. *Journal of Speech, Language, and Hearing Research*, 55, 596-608.

Sosa, A.V. & Stoel-Gammon, C. (2006). Patterns of intra-word phonological variability during the second year of life. *Journal of Child Language*, 33, 31-50.

Sosa, A.V. & MacFarlane, J. (2002). Evidence for frequency-based constituents in the mental lexicon: collocations involving the word 'of'. *Brain and Language*, 83, 227-236.

Edited Book Chapters:

Sosa, A.V. (2017). The impact of parent communication patterns on infant volubility during play with books. In E. Babatsouli, D. Ingram & N. Muller (Eds.), *Crosslinguistic Encounters with Language Acquisition: Typical and Atypical Development*. Bristol, UK: Multilingual Matters

Sosa, A.V. (2013). Transitions to First Words. In B. Peter & A. MacLeod (Eds.), *Comprehensive Perspectives on Child Speech Development and Disorders: Pathways from Linguistic Theory to Clinical Practice* (pp. 135-149). New York: Nova Science Publishers.

- Sosa, A.V. & Bybee, J. (2008). A Cognitive Approach to Clinical Phonology. In M. Ball, M. Perkins, N. Muller, and S. Howard (Eds.), *The Handbook of Clinical Linguistics*. Oxford: Blackwell Publishing.
- Stoel-Gammon, C. & Sosa, A.V. (2007). Phonological Development. In E. Hoff and M. Shatz, (Eds.), *Blackwell Handbook of Language Development*. Oxford: Blackwell Publishing.

Conference Proceedings:

- Sosa, A. (2015). Investigating the relationship between parental communicative behavior during shared book reading and infant volubility. In E. Babatsouli & D. Ingram (eds.), *Proceedings of the International Symposium on Monolingual and Bilingual Speech 2015*, p. 335-342.
- Sosa, A.V. (2000). Phonological reduction in frequency-based constituents: the alternation of English 'of'. *Proceedings of the Third Annual High Desert Linguistics Society Conference*, April 7-9, p.1-8.

Conference Presentations:

- Sosa, A. & Bunta, F. (2017). *Whole-word production variability in monolingual and bilingual children with and without cochlear implants*. Paper presented at the 11th Annual International Symposium on Bilingualism, Limerick, Ireland, June 11-15.
- Sosa, A. (2016). *Communication Development in a Digital World: What do we know about the impact of technology?* Paper presented at the 2016 American Speech-Language Hearing Association Convention, Philadelphia, PA, November 17-19.
- Hirsh-Pasek, K, Golinkoff, R., Rich, M., Levine, M., Zosh, J. & Sosa, A.V. (2016). *Growing up in a Digital World: the Good, the Bad, and the Ugly*. Panel presentation at the International Mind, Brain, and Learning Symposium, Toronto, Ontario, September 15-17.
- Sosa, A. & Bunta, F. (2016). *Whole-word production variability in monolingual and bilingual children who use cochlear implants*. Poster presented at the 2016 International Child Phonology Conference, Flagstaff, AZ, June 22-24.
- Johnson, T., Knight, D., Fowler, H. & Sosa, A.V. (2016). A comparison of articulation assessments: GFTA-2, CAAP-2, SPAT-DII. Paper presented at the 2016 Arizona Speech-Language-Hearing Association Convention. Tucson, AZ, April 29-30.
- Bergstrand, G., Raab, K., & Sosa, A.V. (2015). *Thumb, Sumb, Fumb: Development of Interdental Fricatives*. Poster presented at the 2015 American Speech-Language-Hearing Association Convention, Denver, CO, November 12-15.
- Sosa, A.V. (2015). *Investigating the Relationship between Parental Communicative Behavior During Shared Book Reading and Infant Volubility*. Poster presented at the International Symposium on Monolingual and Bilingual Speech, Chania, Greece, September 7-10.
- Santos, B. & Sosa, A.V. (2015). *Measuring the relationship between lexical and phonological ability in typically developing 2- and 3-year-olds*. Poster presented at the 2015 International Child Phonology Conference, Memorial University, St. John's, Newfoundland, Canada, June 24-26.
- Santos, B. & Sosa, A.V. (2015). *Measuring the relationship between lexical and phonological development in typically-developing preschool children*. Paper presented at the 2015 Arizona Speech-Language-Hearing Association Convention. Tempe, AZ, April 10-11.
- Sosa, A.V., Macrae, T., & Bedsole, K. (2014). *Predictors of intra-word variability in typically developing preschoolers*. Paper presented at the 2014 International Child Phonology Conference, University of Montana, Missoula, MT, June 17-19.
- Sosa, A.V. (2013). *Token-to-token production inconsistency: speech disorder or typical development?* Poster presented at the 2013 American Speech-Language-Hearing Association Convention, Chicago, IL, November 13-16.
- Sosa, A.V., White, E., & Cambanes, S. (2012). *Intra-word variability in the production real words and non-words*. Paper presented at the 2012 International Child Phonology Conference. University of

- Minnesota, Minneapolis, MN, June 4-6.
- Bowker, E., Cambanes, S., & Sosa, A.V. (2012). *Effect of toys on quantity of language input for infants*. Poster presented at the 2012 Arizona Speech-Language-Hearing Association Convention. Phoenix, AZ, April 19-20.
- Lindstedt, E., Bauer, R., Shoemaker, R., & Sosa, A.V. (2011). *Work, Supervision, Graduate School: Perspectives of Spanish-English Bilingual Support Personnel*. Poster presented at the 2011 American Speech-Language-Hearing Association Convention. San Diego, CA, November 17-19.
- Sosa, A.V. (2011). *Vocabulary Size and Production Variability in Young Children*. Poster presented at the 2011 International Child Phonology Conference. University of York, York, England, June 16-18.
- Hearn, S. & Sosa, A.V. (2011). *Production Opportunities Provided in Therapy: How Many is Enough?* Poster presented at the 2011 Arizona Speech-Language-Hearing Association Convention. Tempe, AZ, April 29-30.
- Sosa, A.V. (2011). *Too Young to Test: Assessing Phonology in Infants and Toddlers*. Workshop presented at the 2011 Arizona Speech-Language-Hearing Association Annual Convention. Tempe, AZ, April 29-30.
- Sosa, A.V. (2010). *Effect of Elicitation Variables on 2-Year-Olds' Productions of Known Words*. Poster presented at the 2010 International Child Phonology Conference. University of Memphis, Memphis, TN, April 8-9, 2010.
- Stoel-Gammon, C. & Sosa, A.V. (2008). *Lexical Development: Phonological Effects*. Paper presented at the XIth International Congress for the Study of Child Language (IASCL), Edinburgh, Scotland, July 28-August 1, 2008.
- Sosa, A.V., MacLeod, A., & Stoel-Gammon, C. (2007). *The Child Lexicon Project: lexical and phonetic characteristics of 2-yr-olds' speech*. Paper presented at the 2007 International Child Phonology Conference. University of Washington, Seattle, WA, June 22-23, 2007.
- Sosa, A.V. & Stoel-Gammon, C. (2006). *Word-specific variability and accuracy in early phonological development*. Paper presented at the 2006 International Child Phonology Conference. University of Alberta, Edmonton, Alberta, June 16-17, 2006.
- MacLeod, A., Sosa, A.V., & Stoel-Gammon, C. (2005). *The Child Lexicon Project*. Poster presented at the Washington Speech and Hearing Association 2005 Annual Convention, Blaine, WA, October 13-14, 2005.
- Sosa, A.V. & Stoel-Gammon, C. (2005). *Baby sign with hearing infants: Interaction with spoken language development*. Poster presented at the Xth International Congress for the Study of Child Language (IASCL), Berlin, Germany, July 25-29, 2005.
- Sosa, A.V. & Stoel-Gammon, C. (2003). *Intra-word phonological variability*. Poster presented at the International Child Phonology Conference 2003, University of British Columbia, Vancouver, B.C., July 1- 4, 2003.
- Sosa, A.V. (2000). *Phonological reduction in frequency-based constituents: the alternation of English 'of'*. Paper presented at the Third Annual High Desert Linguistics Society Conference, University of New Mexico, Albuquerque, NM, April 7-9, 2000.

STUDENT RELATED ACTIVITIES

Courses taught:

Northern Arizona University: Communication Sciences and Disorders

Graduate Courses

CSD 521	Communication Disorders: Birth to Three
CSD 531	Language Disorders: Birth to Five
CSD 557	Phonological Development and Disorders
CSD 599	Advanced Phonetics for Research and Clinical Practice
CSD 599	Bilingual Language Development and Disorders
CSD 602	Clinical Practicum

CSD 685 Graduate Research
CSD 697 Independent Study

Undergraduate Courses

SST 202 Phonetics

University of Washington: Speech and Hearing Sciences

Undergraduate Courses

SPHSC 303 Language Science
SPHSC 302 Phonetics
SPHSC 111 American English Sound System
SPHSC 100 Voice and Articulation Improvement

University of New Mexico: Linguistics

Undergraduate Courses

LING 101 Introduction to the Study of Language

SERVICE

Department

Chair, *Search Committee* for Tenure track faculty position, Communication Sciences and Disorders, 2017-present

Member, *Faculty Status Committee* and *Annual Review Committee*, Communication Sciences and Disorders, 2015-present

Chair, *Admissions Committee*, Dep't of Communication Sciences and Disorders, 2010-2013

Member, *Curriculum Committee*, Dep't of Communication Sciences and Disorders, NAU, 2009-present

Member, *Admissions Committee*, Dep't of Communication Sciences and Disorders, NAU, 2009-2013 and 2014-present

Coordinator and supervisor, *Free Speech, Language and Hearing Screening Clinic*, NAU, April 2010

College

Member, *Research Development Committee*, College of Health and Human Services, 2017-present

Member, *Promotion and Tenure Committee*, College of Health and Human Services, 2015-2017

Judge for student research posters, College of Health and Human Services Honors Day, April 26, 2012

Member, *Technology Committee*, College of Health and Human Services, NAU, 2009

University

Member, *Executive Committee of the University Graduate Committee*, Northern Arizona University, 2017-present

Member, *University Graduate Committee*, Northern Arizona University, 2009-present

Member, *Policy Sub-committee of University Graduate Committee*, Northern Arizona University, 2011-2012, 2014-2016

Member, *Advisory Council on Curriculum and Assessment sub-committee of the University Graduate Committee*, 2015-2016

Chair, *University Graduate Committee*, Northern Arizona University, 2013-2014

Member, *Advisory Council on Curriculum and Assessment*, 2013-2014

Member, *Search Committee for Associate Dean of the Graduate College*, 2013
Chair-elect, *University Graduate Committee*, Northern Arizona University, 2012-2013
Member, *Review Sub-committee of University Graduate Committee*, Northern Arizona University, 2012-2014

Profession

Member, *Scientific Committee for the 2018 International Child Phonology Conference*, Chania, Greece, June 2018
Reviewer, *American Speech-Language-Hearing Foundation New Century Scholars Doctoral Scholarship program*, July 2017
Member, *Undergraduate Thesis Committee*, University of Houston
Chair, *Organizing Committee and Scientific Committee for the 2016 International Child Phonology Conference*, Flagstaff, AZ, June 2016
Reviewer, *ASHA Advancing Academic Research Careers program*
Member, *2016 ASHA Convention Speech Sound Disorders Topic Committee*
Member, *International Scientific Committee for the International Symposium on Monolingual and Bilingual Speech*, Chania, Greece, September 2015
Member, *Scientific Review Committee for the International Child Phonology Conference*, Nijmegen Netherlands, June 2013
Grant review panel member, *American Speech-Language-Hearing Foundation Grant Review and Reviewer Training Program*, Summer 2014 and Summer 2015
Reviewer, *Journal of Speech, Language, and Hearing Research*
Reviewer, *Language, Speech, and Hearing Services in the Schools*
Reviewer, *International Journal of Behavioral Development*
Reviewer, *Journal of Child Language*
Reviewer, *Clinical Linguistics and Phonetics*
Reviewer, *Child Language, Teaching, and Therapy*
Reviewer, *Canadian Journal of Speech Language Pathology and Audiology*
Reviewer, *Folia Phoniatica*
Reviewer, *Language and Speech*
Reviewer, *First Language*
Reviewer, *Canadian Journal of Linguistics*
Reviewer, *Proceedings of the International Symposium on Monolingual and Bilingual Speech*

PROFESSIONAL MEMBERSHIPS

Member, *American Speech-Language-Hearing Association*, 2007-present.
Member, *Arizona Speech-Language-Hearing Association*
Member, *The Hanen Centre*, 2011 – present.