

Mark VanDam

Curriculum Vitae

November 2011

Boys Town National Research Hospital
Center for Childhood Deafness
555 North 30th Street
Omaha, NE 68131

electronic mail: mark.vandam@boystown.org
office phone: 402-452-5079
personal phone: 812-345-1901
web: www.vanDamMark.com

Education

2007-2009	Postdoctoral Fellow	Boys Town National Research Hospital
2007	PhD, Linguistics	Indiana University
	Dissertation: <i>Plasticity of Phonological Categories</i>	
	Committee: R. F. Port (Chair), S. Davis, K. J. deJong, T. A. Hall, D. B. Pisoni	
2003	LSA Linguistic Institute	Michigan State University
2003	MA, Linguistics	Indiana University
1999	BA, English and German	Calvin College
1998	DAAD, student exchange	Philipps-Universität Marburg (Germany)

Experience

2009-present	Research Associate	Boys Town National Research Hospital	Omaha, NE
2007-2009	Postdoctoral Fellow	Boys Town National Research Hospital	Omaha, NE
2006	Predocotrual Fellow	Speech Research Laboratory	Bloomington, IN
2005	Visiting Lecturer	University of Wisconsin - Madison	Madison, WI
2001-2007	Assistant Instructor	Indiana University	Bloomington, IN
2000	Grading Assistant	Indiana University	Bloomington, IN
2000-2001	Research Assistant	Speech Research Laboratory	Bloomington, IN
1997-1998	Assistant Teacher	Hall Street Elementary School	Grand Rapids, MI

Publications

- VanDam, M.**, Ide-Helvie, D., & Moeller, M. P. (2011). Point vowel duration in children with hearing aids and cochlear implants at 4 and 5 years of age. *Clinical Linguistics & Phonetics*, 25(8): 689-704.
- Moeller, M. P., Bass-Ringdahl, S., Ambrose, S. E., **VanDam, M.**, & Tomblin, J. B. (2011). Understanding Communication Outcomes: New Tools and Insights. In R. C. Seewald & J. M. Bamford (Eds.), *A Sound Foundation Through Early Amplification 2010: Proceedings of the Fifth International Conference* (pp. 245-260). Stafa, Switzerland: Phonak AG Immediate Proceedings Ltd.
- VanDam, M.** (2004). Word final coda typology. *Journal of Universal Language* 5(1): 119-148.
- VanDam, M.** (2004). Review: Kreidler. (2004). *The Pronunciation of English: A Course Book, Second Edition*. The Linguist List, available at URL www.linguistlist.org.
- VanDam, M.** (2003). On the phonological structure of /i/-suffixed English nicknames. In Grimes, S., & deJong, K., (eds.) *IULC Working Papers Online* 3(03-01): 1-30.

Manuscripts in preparation

- VanDam**, M. Automatic analysis of fundamental frequency in whole-day recordings of children's speech.
- VanDam**, M., Silbert, N. H., & Moeller, M. P. Lexical access of dense and sparse phonological forms in preschool and school-aged children who are hard of hearing.
- VanDam**, M., Ambrose, S. E., & Moeller, M. P. Quantity of parental language in the home environments of hard of hearing two-year olds.
- Moeller, M. P., **VanDam**, M., Tyler-Krings, A., Putman, C., Arbataitis, K., Estee, S. Learning words through overhearing by children with hearing loss.

Invited talks

- VanDam**, M. (November, 2011). Consumers guide to LENA: Comments and recommendations from expert users: Automatic speech and language analysis of children who are hard of hearing. Invited presentation at the *American Speech-Language-Hearing Association Convention*, San Diego, CA.
- Moeller, M. P., **VanDam**, M., Ambrose, S. (2011, September). Measuring outcomes in children with hearing loss: New tools and insights. Invited presentation at the *2011 Nebraska Speech Language Hearing Association Fall Convention*, Kearney, NE.
- VanDam**, M. (2010, April). Speech development of children with hearing loss from whole-day recordings. Invited presentation to the Department of Speech and Hearing Science, University of Illinois at Urbana-Champaign.
- VanDam**, M. (2009, July). Word learning and fine phonetic detail in the linguistic development of hearing impaired children. Invited presentation at the *BTNRH/CU-KUMC-IOWA Auditory Research Conference*, Omaha, NE.
- Smith, N., & **VanDam**, M. (2009, July). Development of visual fixation patterns for audiovisual speech. Invited presentation at the *BTNRH/CU-KUMC-IOWA Auditory Research Conference*, Omaha, NE.
- VanDam**, M. (2009, June). Vowel duration in hearing impaired children at four- and five-years old. Invited presentation at the *University of Louisville Summer Linguistics Lecture Series*, Louisville, KY.
- VanDam**, M. (2009, March). Development of linguistic duration in hearing impaired children. Invited presentation at the University of Iowa, Department of Communication Sciences and Disorders, Iowa City, IA.
- VanDam**, M. (2007, October). Lexical status and usage frequency affect fine structure of perceived linguistic categories. Invited presentation at Boys Town National Research Hospital, Omaha, NE.
- VanDam**, M. (2007, June). Shifting the perception of phonological categories. Invited presentation at Boys Town National Research Hospital, Omaha, NE.

Presentations

- Ambrose, S. E., **VanDam**, M., Moeller, M. P. (2011, November). The impact of exposure to talk and television on the language development of toddlers with hearing loss. Poster presented at the *American Speech-Language-Hearing Association Convention*, San Diego, CA.

- Ambrose, S. E., **VanDam**, M., Moeller, M. P. (2011, June). Automated analysis of the language abilities and auditory-linguistic environments of children with hearing loss. Poster presented at the *Symposium on Research in Child Language Disorders*, Madison, WI.
- VanDam**, M. (2011, May). Automatic acoustic-phonetic analyses of thousands of hours of conversational speech in hard of hearing children. Talk presented at the *161st Meeting of the Acoustical Society of America*, Seattle, WA.
- VanDam**, M., Silbert, N. H., & Moeller, M. P. (2011, May). Repetition of words from dense and sparse phonological neighborhoods in children with hearing loss and normal hearing. Poster presented at the *161st Meeting of the Acoustical Society of America*, Seattle, WA.
- Ambrose, S. E., **VanDam**, M., & Moeller, M. P. (2011, April). The role of talk in outcomes of children who are hard of hearing. Poster presented at the *Second LENA Users Conference*, Denver, CO.
- Ambrose, S. E., **VanDam**, M., & Moeller, M. P. (2011, April). Use of AVA measures with young children who are hard of hearing. Poster presented at the *Second LENA Users Conference*, Denver, CO.
- VanDam**, M., McMurray, B., Ambrose, S.E., Moeller, M. P., Tomblin, J. B. (2011, April). Auditory Ability and Language Development: Quantitative Assessments of Input, Output, and Outcomes in Hard-of-Hearing Children. Talk presented at the *2011 Biennial Meeting of the Society for Research on Child Development*, Montreal, Quebec, Canada.
- VanDam**, M., Moeller, M. P., & Tomblin, B. (2010, November). Analyses of fundamental frequency in infants and preschoolers with hearing loss. Poster presented at the *160th Meeting of the Acoustical Society of America*, Cancun, Quintana Roo, Mexico.
- VanDam**, M., Ide-Helvie, D., & Moeller, M. P. (2010, November). Duration of point vowels in four- and five year olds with hearing aids and cochlear implants. Talk presented at the *160th Meeting of the Acoustical Society of America*, Cancun, Quintana Roo, Mexico.
- Ambrose, S. E., **VanDam**, M., & Moeller, M. P. (2010, November). The role of talk in outcomes for children with hearing loss. Roundtable discussion: LENA technology: Expanded research and clinical application in child language, Philadelphia, PA.
- VanDam**, M. (2010, April). Using LENA to examine development of children with hearing loss. Poster presented at the *First LENA Users Conference*, Denver, CO.
- VanDam**, M., & Silbert, N. (2010, April). A Bayesian model of voice-onset time production. Poster presented at the *159th Meeting of the Acoustical Society of America*, Baltimore, MD.
- VanDam**, M. (2010, April 10). Prosody of children with mild to severe hearing loss. Talk presented at the *International Child Phonology Conference*, Memphis, TN.
- Smith, N. A., **VanDam**, M., & Moeller, M. P. (2009, October). Gaze distribution patters for audiovisual speech stimuli in preschool children without hearing loss. Poster presented at the *158th Meeting of the Acoustical Society of America*, San Antonio, TX.
- VanDam**, M., Silbert, N. H., & Port, R. F. (2009, October). Fine-grained control of VOT production, lexical usage-frequency, and phrasal context. Poster presented at the *158th Meeting of the Acoustical Society of America*, San Antonio, TX.
- VanDam**, M., & Port, R. F. (2009, May). Phonetic experience with specific words affects categorical perception of those words. Poster presented at the *157th Meeting of the Acoustical Society of America*, Portland, OR.

- VanDam**, M., Smith, N. A., Ide-Helvie, D., & Moeller, M. P. (2008, November). Development of temporal and spectral characteristics in the speech of hearing impaired children. Poster presented at the *156th Meeting of the Acoustical Society of America*, Miami, FL.
- VanDam**, M., Ide-Helvie, D., Smith, N. A., & Moeller, M. P. (2008, June). Early identification of hearing loss improves temporal properties of children's speech. Poster presented at the *2008 Child Phonology Conference*, Purdue University, West Lafayette, IN.
- VanDam**, M. (2008, May). Economy and invariance are unjustified assumptions in formal phonology. Talk presented at the *Fifth North American Phonology Conference (NAPhC5)*, Concordia University, Montreal, Quebec, Canada.
- Davis, S., & **VanDam**, M. (2006, October). The footing of semi-weak syllables in American English. Talk presented at the *Twelfth Mid-Continental Workshop on Phonology (MCWOP-12)*, University of Iowa, Iowa City, IA.
- VanDam**, M., & Port, R. (2005, May). High lexical frequency and context reduces VOT. Poster presented at the *149th Meeting of the Acoustical Society of America*, Vancouver, BC, Canada.
- VanDam**, M. (2003, April). VOT of American English stops with prosodic correlates. Poster presented at the *145th Meeting of the Acoustical Society of America*, Nashville, TN.
- Anderson, V., Davis, S., Deegan, J., Trennepohl, K., & **VanDam**, M. (2002, October). On the use of a literary text for the study of spoken AAVE: Connie Porter's *Imani All Mine*. Talk presented at *New Perspectives on African American English (NPAAE)*, Stanford University, Palo Alto, CA.
- Anderson, V., Davis, S., Deegan, J., Trennepohl, K., & **VanDam**, M. (2002, April). An analysis of the African American English of Connie Porter's *Imani All Mine* and its implication for variationist studies in AAE. Talk presented at the *55th Annual Kentucky Foreign Language Conference*, University of Kentucky, Lexington, KY.
- Davis, S., & **VanDam**, M. (2001, October). The pair of dactyls in Mediterranean: On the analysis of aspirated weak syllables in English. Talk presented at the *Seventh Annual Mid-Continental Workshop on Phonology (MCWOP-7)*, University of Iowa, Iowa City, IA.

Grants

- 2008-2013 Research team member (in kind): "Moderators and functional outcomes in children with mild to severe hearing loss" NIH/NIDCD 5R01-DC009560; PIs: J. B. Tomblin, M. P. Moeller
- 2009-2012 Consultant: "Hearing status and prosody in mother-child speech" NIH/NIDCD 5R03-DC009884; PI: N. A. Smith
- 2009-2011 Co-investigator, Project director: American Recovery and Reinvestment Act supplement to: "Moderators and functional outcomes in children with mild to severe hearing loss" NIH/NIDCD 5R01-DC009560-01S1; PIs: J. B. Tomblin, M. P. Moeller
- 2008-2010 NIH Pediatric Research Loan Repayment Program
- 2007 Indiana University Department of Linguistics Graduate Support Fellowship Award

Professional interests

I am interested in how experience and use of speech affect language development in children with hearing loss.

More broadly, my expertise lies in phonetics, speech production and perception, phonology, linguistic theory, language development, childhood deafness, and quantitative design/methods.

Awards, Honors

ASHA Meritorious Poster Award (2011), National Institutes of Health Postdoctoral Fellow (2007-2008), National Institutes of Health Predoctoral Fellow (2006), Fred W. Householder Award (2006), Institute for Universal Language Honorarium (2004), Indiana University Linguistics Club Vice-President (2002), Indiana University Linguistics Club Travel Grant (2001, 2003).

Affiliations

Acoustical Society of America, Linguistic Society of America, American Speech-Language-Hearing Association, Association for Psychological Science

Languages studied

Natural: English, German, French, Chinese, Spanish, Hungarian, American Sign Language
Artificial: Matlab, Praat, XHTML, R, Perl, Python, C

References

Mary Pat Moeller, PhD (postdoc supervisor)
Director, Center for Childhood Deafness
Boys Town National Research Hospital
555 North 30th Street
Omaha, NE 68131
marypat.moeller@boystown.org
402-452-5068

Professor D. Kimbrough Oller, PhD
School of Communication Sciences and Disorders
The University of Memphis
807 Jefferson Avenue
Memphis, TN 38105
koller@memphis.edu
901-678-5841

Professor Robert F. Port, PhD (dissertation director)
Departments of Linguistics, Cognitive Science
Memorial Hall 330
Indiana University
Bloomington, IN 47405
port@indiana.edu
812-855-9217

Nicholas Smith, PhD
Director, Perceptual Development Laboratory
Boys Town National Research Hospital
555 North 30th Street
Omaha, NE 68131
nicholas.smith@boystown.org
402-452-5070

Professor Kenneth deJong, PhD
Departments of Linguistics, Cognitive Science
Memorial Hall 404
Indiana University
Bloomington, IN 47405
kdejong@indiana.edu
812-856-1307

Jill Gilkerson, PhD
Director of Child Language Research
LENA Research Foundation
5525 Central Avenue, Suite 100
Boulder, CO 80301
jillgilkerson@lenafoundation.org
303-441-9014