

Curriculum Vitae

Vannesa Mueller

Business Address: 1101 N. Campbell, El Paso, TX 79902

Licenses: Texas State Speech-Language Pathology License

Academic Preparation:

- Our Lady of the Lake University, BA, May 2000 – Communication Disorders
- Our Lady of the Lake University, MA, May 2002 – Speech-Language Pathology
- The University of Iowa – PhD, May 2008 – Speech and Hearing Science

Professional Employment:

- University of Texas at El Paso, El Paso, TX – Assistant Professor – Spring 2008-Present
- University of Iowa, Iowa City, IA – Teaching Assistant, Psychology of Language – 2007
- University of Iowa, Iowa City, IA – Teaching Assistant, Manual Communication – 2006
- University of Iowa, Iowa City, IA – Teaching Assistant, Neurogenic Disorders of Language – 2005
- Kirkwood Community College, Iowa City, IA – Instructor, American Sign Language – 2005
- University of Iowa, Iowa City, IA – Research Assistant, Assistive Devices Laboratory – 2004-present
- Center for Disabilities and Development, the University of Iowa Hospitals and Clinics, Iowa City, IA – Speech-Language Pathologist – 2004-2007
- Educational Assessment Systems, Albuquerque, NM - Speech-Language Pathologist – 2004-2004

Honors:

- 2007 Best Presentation, Biological and Health Science Division, Jakobsen Conference, University of Iowa
- 2004 Graduate Merit Fellowship, University of Iowa
- 2001 Bridges Grant Recipient, University of Iowa

Professional Certification:

- 2008 – Present ; Texas Speech Language Hearing Association
- 2005 – Present ; Certified site coordinator – Shared Reading Project, Gallaudet University
- 2004 – Present ; Hanen certified Speech-Language Pathologist
- 2003 – Present; Certificate of Clinical Competence, American Speech Language Hearing Association

Scholarly and Creative Activities

Manuscripts in refereed journals:

Mueller, V. & Perez, C. (in revision). Latina Mothers in a Traditionally Underserved Region: Knowledge of Language Development. *Journal of Latinos and Education*.

Minor revisions were requested by the editor. Those are currently being addressed.

Mueller, V., Summers, C., & Carrillo, A. (in revision). Language of intervention in bilingual children with autism spectrum disorder. *Journal of Intellectual and Developmental Disabilities*

Revisions were requested by the editor. Those are currently being addressed.

Summers, C., **Mueller, V.**, Pechak, C., & Sias, J. (under review). Incorporating Spanish language instruction into health sciences programs: Examples from one university. *Journal of Allied Health*.

A revision was requested by the editor and was submitted.

Summers, C. & **Mueller, V.**, Villaneda, G., & Carrillo, A. (under review). Language of intervention in children with severe communication disabilities. *Focus on Autism and Other Developmental Disabilities*

A revision was requested by the editor and was submitted.

Summers, C. & **Mueller, V.** (accepted pending minor revisions). The need for bilingually certified speech-language pathologists. *Journal of Latinos and Education*.

Gonzales, E., Summer, C. & **Mueller, V.** (in press). Developmental Surveillance and Referral in a Traditionally Medically Underserved Border Community. *Maternal and Child Health Journal*.

Mueller, V. (in press). Baby Sign Workshop. *International Journal of Birth and Parent Education*.

Mueller, V. & Acosta, A. (2015). Infants' Use of Baby Sign to Extract Unfamiliar Words from the Speech Stream. *Early Child Development and Care*, 185 (6), 943-951.

Mueller, V., Sepulveda, A., & Rodriguez, S. (2014). The effects of baby sign training on child development. *Early Child Development and Care*, 184(8), 1178-1191.

Mueller, V., Sepulveda, A. (2014). Parental perception of a baby sign workshop on stress and parent-child interaction, *Early Child Development and Care*, 184 (3), 450-468.

Mueller, V. & Hurtig, R. (2010). Technology-Enhanced Shared Reading with Deaf and Hard-of-Hearing Children: The role of a fluent signing narrator. *Journal of Deaf Studies and Deaf Education*, 15, 72-101.

Vigil-Mueller, V.T., Eyer, J.A., Hardee, W. P. (2005). Relevant responding in pragmatic language impairment: the role of language variation in the information-soliciting utterance. *Child Language Teaching and Therapy*, 21, 1-21.

Invited peer edited publications:

Mueller V. (2013). Alternative Communication. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 102-105). Springer, New York.

Mueller V. (2013). American Sign Language (ASL). In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 133-136). Springer, New York.

Mueller V. (2013). Assistive Devices. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 270-271). Springer, New York.

Mueller V. (2013). Communication Board. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (p. 727). Springer, New York.

Mueller V. (2013). Computer-Based Intervention Assistive Technology. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 771-774). Springer, New York.

Mueller V. (2013). Low-Technology Device. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 1769-1770). Springer, New York.

Mueller V. (2013). Manual Sign. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (p. 1804). Springer, New York.

Mueller V. (2013). Pictorial Cues/Visual Supports (CR). In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 2255-2259). Springer, New York.

Mueller V. (2013). Sign Language. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (p. 2864). Springer, New York.

Mueller V. (2013). Total Communication (TC) Approach. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 3138-3143). Springer, New York.

Mueller V. (2013). Voice Output Communication Aids. In: Volkmar F. (Ed.) *Encyclopedia of Autism Spectrum Disorders* (pp. 3338-3341). Springer, New York.

Community publications:

Mueller, V. (2012). Using sign language with babies to increase communication. *The El Paso Times*.

Reviewer:

Journal of Deaf Studies and Deaf Education

Learning and Individual Differences

Computer-Human Interaction

Journal of Latinos and Education

Early Child Development and Care

Research:

- The Effects of Baby Sign on normally hearing infants – a workshop was offered to parents and caregivers in the El Paso area for the purposes of educating the community on the benefits of using sign language with infants and to research the effects of sign language on cognitive/linguistic, social/pragmatic, and motor development. A follow-up study was conducted with daycare providers.
- The Effects of Sign on the Speech Segmentation Abilities of infants – a head turn protocol is being used to determine whether using signs facilitates an infants' ability to extract words from running speech.
- Electronic Books (e-books)
 - Children who are Deaf and Hard of Hearing – Signing e-books were created to study the effects of use during shared reading activities with hearing parents and Deaf or Hard of Hearing children. Time on task, vocabulary learning, and parent/child interaction was examined.
 - Children who speak English as a Second Language – E-Books have been created in English/Spanish and in French/Swahili to determine the effect of e-book reading on the children's engagement and vocabulary acquisition.
 - Typically developing children – E-books available for download on iddevices were examined on their effects on children's story comprehension.
- Children with High Functioning Autism: Language Use and AAC – two studies were created, a case study and a single-subject research study, which aim to describe the use of augmentative and alternative communication with verbal children with high functioning autism.
- Electronic, multimedia educational tool for Latino families – This tool will be created to address the disparity between Latino families and White families on the age of identification of Autism Spectrum Disorders and other developmental disabilities. This will be done by providing tips and strategies to Latino families regarding attaining the best health care for their family.

Major Presentations:

Acosta, A. & **Mueller, V.** (2014, November). The Effects of Baby Sign on the Speech Segmentation Abilities of Infants. Podium presentation at the annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.

- Garcia, B. & **Mueller, V.** (2014, November). Baby Sign on Parental Stress: One Year Later. Poster presentation annual meeting of the American Speech-Language-Hearing Association, Orlando, FL.
- Mueller, V.**, Garcia, M., Navedo, C., & Sullivan, L. (2013, March). The Impact of Baby Sign on the Development of Cognitive, Motor, and Pragmatic Skills. Poster presented at the annual meeting of the Texas Speech-Language-Hearing Association, Dallas, TX.
- Crow, S., & **Mueller, V.** (2012, November). Interdisciplinary standardized patient experiences for clinical training of Speech-Language Pathology students. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Atlanta, GA.
- Torres, V., & **Mueller, V.** (2012, November). Sing Your Social Stories! Poster presented at the annual meeting of the American Speech-Language-Hearing Association, Atlanta, GA.
- Mueller, V.**, Timbreza, K. M., & Valenzuela, C. (2012, November). The Effects of a High-Tech Augmentative and Alternative Communication Device on Echolalia in a Child with High Functioning Autism. Poster presented at the annual meeting of the American Speech-Language-Hearing Association, Atlanta, GA.
- Arreola, V., & **Mueller, V.** (2012, March). The effects of baby sign and gestures on language development. Poster presented at the annual meeting of the Texas Speech-Language Hearing Association, San Antonio, TX.
- Mueller, V.** (2011, July). Technology-enhanced shared reading with deaf and hard-of-hearing children: the role of a fluent signing narrator. Invited presentation at the EPS International Forum on Rehabilitation Medicine, Nanjing, China. *Withdrawn*.
- Ariaz, S., **Mueller, V.** & Valles, A. (2010, Nov.). Shared Reading with Bilingual Children: Technology and Shared Reading Techniques. Poster presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.
- Mueller, V.**, Weisbrod, N. (2010, Nov.). AAC to Reduce Echolalic Utterances in Children with High-Functioning Autism. Poster presented at the annual meeting of the American Speech-Language-Hearing Association, Philadelphia, PA.
- Mueller, V.**, & Ariaz, S. (2009, Nov.). Vocabulary Acquisition of Bilingual Students through Enhanced Shared Reading Technology, Poster presented at the annual meeting of the American Speech-Language-Hearing Association, New Orleans, LA.
- Mueller, V.** & Hurtig, R. (2008, Nov.). Technology Enhanced Shared Reading for Young Deaf and Hard of Hearing Students, Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Chicago, IL.
- Mueller, V.**, & Hurtig, R. (2007, Nov.). Shared Reading to Promote Early Language Development: Iowa E-Book. Poster presented at the Iowa Speech-Language Hearing Association Convention, Cedar Rapids, IA.

Mueller, V. (2007, March). Using Multimedia to Enhance Shared Reading: The Iowa E-Book. Poster presented at the Jakobsen Research Conference, University of Iowa, Iowa City, IA.

Hurtig, R., & **Mueller, V.** (2007, Jan). Implementing the Iowa E-Book. Paper presented at the 8th Annual Assistive Technology Industry Association Conference, Orlando, FL.

Hurtig, R., **Mueller, V.**, Rochdi, A., & Webster, L. (2006, Nov). Implementing the Iowa E-Book. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Miami, FL.

Rochdi, A., Hurtig, R., Downey, D., **Mueller, V.**, & Daugherty, P. (2005, Nov). AAC E-Book: An Early Intervention to Promote Communication in Toddlers. Poster presented at the annual meeting of the American Speech-Language-Hearing Association National Convention, San Diego, CA.

Downey, D., Hurtig, R., **Mueller, V.**, Rochdi, A., Daugherty, P. (2005, Nov). Implementing AAC in Acute Care Settings. Short-course presented at the annual meeting of the American Speech Language Hearing Association, San Diego, CA.

Mueller, V., Hurtig, R., Rochdi, A., Downey, D., Daugherty, P. (2005, Nov). The Iowa Signing E-Book. Paper presented at the annual meeting of the American Speech Language Hearing Association, San Diego, CA.

Vigil-Mueller, V., Eyer, J., Hardee, W. P. (2001, Nov) Linguistic Factors Influencing Relevant Responding in School-Age Language Impairment. Poster presented at the annual meeting of the American Speech-Language-Hearing Association, New Orleans, LA.

Research funding applied for:

2015 Co-Investigator – Summers, C., **Mueller, V.**, Paat, Y.F., Barceleau, J., Gil-Lopez, G., & Garcia, D. (awarded). Environmental Scan of Services for Children with Disabilities in El Paso. Community Academic Partnership ² Grant, University of Texas at El Paso, \$4,000.

2014 Co-Principal Investigator - Summers, C. & **Mueller, V.** (awarded). Preparing Bilingually Certified Speech-Language Pathologists. Grant funded by the Department of Education. \$1,200,000.00.

2013 Principal Investigator – **Mueller, V.** (awarded) “The Effect of Sign on the speech segmentation abilities of Infants”. Grant submitted to the University Research Institute, University of Texas El Paso, \$5,000.00.

2012 Co-investigator – Gonzalez, G., Summers, C., & **Mueller, V.** (awarded) “Developmental Surveillance in El Paso”. Community Academic Partnership ² Grant, University of Texas at El Paso, \$4,000.

2009 Principal Investigator – **Mueller, V.** (awarded) “The Effects of Technology Enhanced Shared Reading on the Vocabulary Acquisition of Bilingual Students”. University Research Institute Grant, University of Texas at El Paso, \$5,800.

Submitted grants:

- 2014 Principal Investigator - **Mueller, V.**, Summers, C., & Lusk, M. Identifying Barriers to Early Diagnosis of ASD in Latino Populations. Grant proposal submitted to the National Institutes of Health: Child Psychopathology and Developmental Disabilities (CPDD). \$149,993.00. Unfunded.
- 2013 Principal Investigator – **Mueller, V.** & Summers, C. “Educating Culturally and Linguistically Diverse Parents of Early Autism Indicators”. Grant submitted to the National Institutes of Health, \$100,000.00. Unfunded.
- 2013 Co-Principal investigator - Summers, C., **Mueller, V.** “Preparing Bilingually Certified Speech Language Pathologists”. Grant submitted to the U.S. Department of Education, \$1,223,872.00. Unfunded.
- 2012 CoPrincipal -investigator - Summers, C., **Mueller, V.**, & Cashman, T. “Preparing Bilingually Certified Speech Language Pathologists”. Grant submitted to the U.S. Department of Education, \$1,164,897 (Scored high enough to be funded, but was not due to budget issues).
- 2012 Co-investigator – Gonzalez, E., Summers, C., & **Mueller, V.** “Evaluating developmental surveillance and referral in a traditionally underserved border community”. Grant submitted to the Autism Speaks Foundation, \$60,000.00 Unfunded.
- 2011 Principal Investigator – **Mueller, V.**, Novick, D., & Fuentes, O. “Online AAC assessment tool for speech-language pathologists”. Grant submitted to the National Institutes of Health, \$100,000.00. Unfunded.
- 2011 Co-investigator – Upreti, G., Marin, M., & **Mueller, V.** “Assessing Barriers and Facilitators to Collaboration among West Texas School-Based Stakeholders”. Grant submitted to the University Research Institute, \$5,000.00 Unfunded.
- 2010 Co-investigator - Hurtig, R., **Mueller, V.**, & Hourcade, J. P. “Iowa eBook: A tool to enhance early language and literacy through shared reading”. Grant submitted to the Institute of Education Sciences, U.S. Department of Education. Unfunded.
- 2009 Co-investigator - Hurtig, R. & **Mueller, V.** “Development of the Iowa E-Book”. Grant submitted to the Institute of Education Sciences, U.S. Department of Education. Unfunded.

The University of Texas at El Paso**University Service:**

Member – UTEP IT Committee

Member – CHS AT lab committee

Member – UTEP faculty senate 2010-2012

Member – CHS collaborative initiative 2010 – 2012

Member – CHS faculty anatomist search committee 2010

Member – SPLP faculty search committee 2009-2010

Member – SPLP faculty search committee 2008-2009

Member – SPLP faculty search committee 2012