

Cathy Binger

Speech & Hearing Sciences

March, 2016

Educational History

Ph.D., 2004, Penn State University, Communication Sciences and Disorders

Dissertation: The Effects of Aided AAC Modeling on the Expression of Multi-Symbol Utterances by Preschoolers who use Augmentative and Alternative Communication
Advisor: Janice C. Light, Ph.D.

M.S., 1993, University of Wyoming, Speech-Language Pathology

Thesis: Contextual Influence on Language Transcription
Advisor: Thomas Klee, Ph.D.

B.S. (High Distinction), 1991, Penn State University, Communication Disorders

Employment History: Principal Positions

Associate Professor, May, 2011 – present, Department of Speech and Hearing Sciences, University of New Mexico, Albuquerque, NM.

Assistant Professor, January 2005 – May, 2011, Department of Speech and Hearing Sciences, University of New Mexico, Albuquerque, NM.

Instructor, 2002 – 2004, Department of Communication Sciences and Disorders, Penn State University, University Park, PA.

Clinical Supervisor, 2002, Department of Communication Sciences and Disorders, Penn State University, University Park, PA.

Speech-Language Pathologist, 2001, Clarke County School District, Athens, GA.

Clinical Supervisor, Instructor, and Technical Writer, 2000, University of Georgia, Athens, GA.

Speech-Language Pathologist, 1996 – 1999, Wee Folks Place and ExCel Preschool, Hanna and Saratoga, WY.

Research Assistant and Technical Writer, 1994 – Department of Communication Disorders, Penn State University, University Park, PA.

Speech-Language Pathologist, 1993 – 1994, Poudre Valley Hospital, Fort Collins, CO.

Scholarly Achievements

Books Authored or Co-Authored:

Binger, C., & Kent-Walsh, J. (2009). *What every speech-language pathologist needs to know about augmentative and alternative communication.* Pearson Education, Inc.: Boston.

Light, J., & **Binger, C. (1998).** *Building communicative competence with individuals who use augmentative and alternative communication.* Paul H. Brookes Publishing Co., Inc.: Baltimore.

Articles in Refereed Journals (student contributions are underlined):

Binger, C., Kent-Walsh, J., King, M., & Mansfield, L. (revisions submitted). Early sentence productions of three- and four-year-old children who use augmentative and alternative communication.

Binger, C., Kent-Walsh, J., & King, M. (revisions submitted). Dynamic assessment for three- and four-year old children who use augmentative and alternative communication: Evaluating expressive syntax.

Binger, C., Ragsdale, J., & Bustos, A. (accepted). Language sampling for preschoolers with severe speech disorders. *American Journal of Speech-Language Pathology.*

Kent-Walsh, J., Malani, M., Murza, K., & **Binger, C.** (2015, invited). Effects of Communication Partner Instruction on the Communication of Individuals using AAC: A Meta-Analysis. *Augmentative and Alternative Communication, 31,* 271-284.

King, M., **Binger, C.,** & Kent-Walsh, J. (2015). Using dynamic assessment to evaluate the expressive syntax of five-year-old children who use augmentative and alternative communication. *Augmentative and Alternative Communication, 31,* 1-15. DOI: 10.3109/07434618.2014.995779

Kent-Walsh, J., **Binger, C.,** & Buchanan, C. (2015). Teaching children who use augmentative and alternative communication to ask inverted yes-no questions using aided modeling. *American Journal of Speech-Language Pathology, 24,* 222-236. DOI: 10.3109/07434618.2015.1052153

Kent-Walsh, J., Resnick, P. & **Binger, C.** (2014). Colin: Supporting communication and language development in a preschooler with complex medical needs. In J. McCarthy & A. Dietz (Eds.). *Augmentative and Alternative Communication: An interactive clinical casebook.* San Diego, CA: Plural Publishing.

Binger, C., Ball, L., Dietz, A., Kent-Walsh, J., Lasker, J., Lund, S., McKelvey, M., & Quach, W. (2012). Personnel Roles in the AAC Assessment Process. *Augmentative and Alternative Communication, 28*, 278-288.

Binger, C., Maguire-Marshall, M., & Kent-Walsh, J. (2011). Using aided AAC models, recasts, and contrastive targets to teach grammatical morphemes to children with developmental delays who use AAC. *Journal of Speech, Language, and Hearing Research, 54*, 160-176.

Binger, C., Kent-Walsh, J., Ewing, C., & Taylor, S. (2010). Teaching educational assistants to facilitate the multi-symbol message productions of young students who require AAC. *American Journal of Speech-Language Pathology, 19*, 108-120.

Kent-Walsh, J., **Binger, C.,** & Hasham, Z. (2010). Effects of parent instruction on the symbolic communication of children using AAC during storybook reading. *American Journal of Speech-Language Pathology, 19*, 97-107.

Kent-Walsh, J., **Binger, C.,** & Malani, M. (2010; invited). Teaching partners to support the communication skills of young children who use AAC: Lessons from the ImPAACT Program. *Early Childhood Services, 4* (3), 155-170.

Binger, C., Berens, J., Kent-Walsh, J., & Hickman, S. (2008). The impacts of aided AAC interventions on AAC use, speech, and symbolic gestures. *Seminars in Speech and Language, 29*, 101-111.

Binger, C., Kent-Walsh, J., Berens, J., Del Campo, S., & Rivera, D. (2008). Teaching Latino parents to support the multi-symbol message productions of their children who require AAC. *Augmentative and Alternative Communication, 24*, 323-338.

Binger, C., & Light, J. (2008). The morphology and syntax of individuals who use AAC: Research review and implications for effective practice. *Augmentative and Alternative Communication, 24*, 123-138.

Kent-Walsh, J., Stark, C., & **Binger, C.** (2008). Tales from school trenches: AAC service-delivery and professional expertise. *Seminars in Speech and Language, 29*, 146-154.

Binger, C. & Light, J. (2007). The effect of aided AAC modeling on the expression of multi-symbol messages by preschoolers who use AAC. *Augmentative and Alternative Communication, 23*, 30-43.

Binger, C. & Light, J. (2006). Demographics of preschoolers who require AAC. *Language, Speech, and Hearing Services in Schools, 37*, 200-208.

Light, J., **Binger, C.,** Agate, T., & Ramsay, K. (1999). Teaching partner-focused questions to individuals who use augmentative and alternative communication to enhance their communicative competence. *Journal of Speech, Language, and Hearing Research, 42*, 241-255.

Light, J., **Binger, C.** & Kelford Smith, A. (1994). Story reading interactions between preschoolers who use AAC and their mothers. *Augmentative and Alternative Communication, 10*, 255-268.

Other Writings

Articles in Refereed Newsletters:

Kent-Walsh, J. & Binger, C. (2013). Fundamentals of the ImPAACT program. *Perspectives on Augmentative and Alternative Communication, 22*, 51-61.

Kent-Walsh, J. & **Binger, C.** (2012; invited). Communication partner instruction in AAC: Strategies for building circles of support. *Perspectives on Augmentative and Alternative Communication, 21*, 124-126.

Binger, C. & Kent-Walsh, J. (2012; invited). Selecting skills to teach communication partners: Where do I start? *Perspectives on Augmentative and Alternative Communication, 21*, 126-134.

Kent-Walsh, J., & **Binger, C.**, (2011). Technology as a language tool: Augmentative and alternative communication in the classroom, *Perspectives on School-Based Issues, 12*, 28-33.

Binger, C. (2008; invited). Grammatical morpheme intervention issues for students who use AAC. *Perspectives on Augmentative and Alternative Communication, 17*, 62-68.

Binger, C. (2008; invited) Classroom-based language goals and intervention: Back to basics. *Perspectives on Augmentative and Alternative Communication, 17*, 20-26.

Binger, C. (2007; invited). AAC intervention for children with suspected childhood apraxia of speech. *Perspectives on Augmentative and Alternative Communication, 16*, 10-12.

Book Chapters:

Binger, C. & Kent-Walsh, J. (submitted). Augmentative and alternative communication. In M. Weymeyer. *A comprehensive guide to intellectual and developmental disabilities*. Baltimore, MD: Paul H. Brookes Publishing Co.

Kent-Walsh, J., Resnick, P., & **Binger, C.** (2014). Colin: Preschool AAC Case Study. In J. McCarthy & A. Dietz, *Augmentative and Alternative Communication: An Interactive Casebook*. Plural Publishing, Inc.

Kent-Walsh, J., & **Binger, C.** (2009). Addressing the language and communication demands of the classroom for beginning communicators and early language users. In C. Zangari & G. Soto

(Eds.). *Practically speaking: Language, literacy, and academic development for students with AAC needs*. Baltimore: Paul H. Brookes Publishing Co.

Articles in Professional Newsletters:

Binger, C. & Kent-Walsh, J. (2012). Communication takes two. *ASHA Leader*, 17(15), 24-27.

Blackstone, S. & **Binger, C.** (2006; invited). Learning to model aided AAC. *Augmentative Communication News*, 18 (3), 12.

Binger, C. (2001). No time to lose: Working with children with severe disabilities who are presymbolic. *ASHA Leader*, 6, 10-11.

Invited Abstracts & Invited Presentations at Professional Meetings:

Binger, C., (2015, October). Children with Highly Unintelligible Speech: AAC is Easier than You Think! Invited workshop for the Delaware Speech-Language-Hearing Association, Dover, DE.

Binger, C., (2015, October). *Evidence-Based Language Assessment and Intervention Tools for Children using AAC*. Invited workshop for the Alaska Speech-Language-Hearing Association, Anchorage, AK.

Binger, C. (2015, March). *Evidence-Based Language Intervention for Children using AAC: Tools of the Trade*. Invited workshop for the University of San Jose Training Grant on AAC, San Jose, CA.

Binger, C. (2015, March). *Children with Highly Unintelligible Speech: AAC is Easier than You Think!* Invited workshop for the Texas Speech-Language-Hearing Association, San Antonio, TX.

Binger, C. (2014, February). *Troubleshooting AAC in the Schools*. Invited workshop for the University of San Jose Training Grant on AAC, San Jose, CA.

Binger, C. (2013, May). *Research Update: Improving Language Skills with Children who use AAC*. Invited workshop for the statewide Pennsylvania Technical and Training Network in Harrisburg, PA.

Binger, C. (2013, June). *Working with Parents, Paras, and Other Partners to Foster Communication for Children who use AAC*. Invited workshop for the Region 17 Special Education Conference in Lubbock, TX.

Binger, C. (2013, September). *AAC, Communication Partners, and You: Effective Skills for Everyone*. Invited workshop for the annual Grunewald-Blitz Conference in Pediatric Communication Disorders.

Binger, C. (2013, June). Invited workshops for the annual Texas Assistive Technology Network Conference, Houston, TX.

Part I: Promoting language development in AAC: The devil is in the details.

Part II: Working with communication partners to support language development in AAC.

Binger, C. (2013, April). *Building successful AAC outcomes: Language goals and communication partner instruction*. Invited workshop for the annual convention of the Arizona Speech-Language-Hearing Association, Phoenix, AZ.

Binger, C. (2013, January). *Practical solutions for individuals who need AAC*. Invited one-day workshop for the Tri-Unity Conference, Las Cruces, NM.

Binger, C. (2012, October). *Building Success with AAC: The Devil is in the Details*. Invited one-day workshop for the Northwest Augmentative Communication Society Annual Conference, Bellevue, WA.

Binger, C. (2012, June). *Practical Language-Based Solutions for Children who need AAC: Fostering Expressive Language and Communication Skills*. Invited one-day workshop for Utah State University Communication Disorders and Deaf Education Seminars 2012. Logan, UT.

Binger, C. (2012, January). Invited speaker for a two-day conference, *Let's Talk Together*, at Chun Shan Medical University, Taichung, Taiwan.

Binger, C., (2011, October). *Practical Language-Based Solutions for Children who need AAC: Fostering Expressive Language and Communication Skills*. Invited one-day workshop for the Northwest Augmentative Communication Society Annual Conference, Bellevue, WA.

Binger, C. (2011, August). *Critical Issues in Augmentative Communication: Conversations about Improving Service Delivery*. Invited two-day workshop for Wyoming Assistive Technology Resources (WATR), Casper, WY.

Binger, C. (Commentary author, 2010) 'Use of a fixed array appears more effective than gradually introducing distractors when teaching sound-letter correspondence to two

children with autism', *Evidence-Based Communication Assessment and Intervention*, 4, 141-144, First published on: 04 October 2010 (iFirst).

Zangari, C., Soto, G., Banajee, M., & **Binger, C.** (2009, November). *Language intervention to support students with AAC needs*. Invited workshop presented at the annual conference of the American Speech-Language-Hearing Association, New Orleans, LA.

Binger, C. (2009, October). *Practical language-based solutions for children who need AAC*. Invited workshop at the annual conference of the Long Island Speech-Language-Hearing Association, Great Neck, NY.

Binger, C. (2009, June). *More AAC solutions for people with severe disabilities*. Invited two-day workshop for Wyoming Assistive Technology Resources (WATR), Casper, WY.

Binger, C. (2008, June). *AAC solutions for people with severe disabilities*. Invited one-day workshop for Wyoming Assistive Technology Resources (WATR), Laramie, WY.

Binger, C. (2008, February). *Bound morpheme intervention for children who use AAC*. Invited presentation at the 9th Annual Conference of the ASHA Division on AAC, Long Beach, CA.

Binger, C. (2007, January). *Supporting the early expressive language development of children who use AAC*. Invited presentation at the Albuquerque Public School District Assistive Technology Institute, Albuquerque, NM.

Binger, C. (2006, October). *Supporting the early expressive language development of children who use AAC*. Invited presentation at the 44th Annual Convention of the New Mexico Speech-Language & Hearing Association, Albuquerque, NM.

Binger, C. (2006, April). *Providing evidence-based intervention for children who require augmentative and alternative communication*. Invited workshop presented at the 15th annual Southwest Conference on Communicative Disorders, Albuquerque, NM.

Chair Professional Meetings

Chair: Committee on Clinical Research, Implementation Science, and Evidence-Based Practice (CRISP) for the American Speech-Language-Hearing Association. 2015-present.

Topic Chair: Augmentative and Alternative Communication Topic Chair for the 2013 and 2014 ASHA Convention in Chicago.

Co-chaired (with Jennifer Kent-Walsh) the Annual Conference of the ASHA Division on AAC, 2012, March.

Focus of conference: Partner Instruction in Augmentative and Alternative Communication.

Format: Online conference.

Attendance: Over 260 participants

Oral Presentations at Professional Meetings

Binger, C., Brady, N., Flippin, M., & Sancibrian, S. (2014). *Life before & after PECS: Part II*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Orlando, FL.

***Binger, C.**, Kent-Walsh, J., & King, M. (2014). *Dynamic assessment with preschoolers using an AAC iPad app: Syntax assessment*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Orlando, FL.

***Binger, C.**, Kent-Walsh, J., King, M., Mansfield, L., Buenviaje, E., Ekman, M., Ortega, V., Ragsdale, J., & Whitaker, M. (2014). *Teaching preschoolers with unintelligible speech to produce rule-based sentences: AAC solutions*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Orlando, FL.

***Binger, C.**, Ragsdale, J., & Kent-Walsh, J. (2014). *Measuring the expressive language of children with highly unintelligible speech: Language sampling techniques*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, Orlando, FL.

***Binger, C.**, Whitaker, M., Ekman, M., Ortega, V., & Kent-Walsh, J. *Planning effective AAC services: What's up in the schools?* Poster presented at the annual conference of the American Speech-Language-Hearing Association, Orlando, FL.

*Kent-Walsh, J., Harrington, N., Malani, M., **Binger, C.**, & Amundsen, S. (2014). *iCan Communicate: Implementing AAC Apps With Children in Community Contexts*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Orlando, FL.

***Binger, C.**, Kent-Walsh, J., & King, M. (2014). *Using dynamic assessment for early sentence structures with children using an iPad AAC app*. Paper presented at the 16th biennial conference of the International Society for Augmentative and Alternative Communication. Lisbon, Portugal.

***Binger, C.**, Kent-Walsh, J., King, M., Buenviaje, E., Ekman, M., Mansfield, L., Ragsdale, J., Ortega, V., & Whitaker, M. (2014). *Teaching Preschoolers to Produce Rule-Based Messages using an iPad App*. Paper presented at the 16th biennial conference of the International Society for Augmentative and Alternative Communication. Lisbon, Portugal.

Ball, L., **Binger, C.**, Fager, S., Lasker, J., & Kent-Walsh, J. (2014). *Communication Partner Instruction for AAC Interactions: A Lifespan Approach*. Paper presented at the 16th biennial

conference of the International Society for Augmentative and Alternative Communication. Lisbon, Portugal.

Murza, K., Malani, M., Kent-Walsh, J., & **Binger, C.** (2014). *Communication Partner Instruction in AAC: A Systematic Review*. Paper presented at the 16th biennial conference of the International Society for Augmentative and Alternative Communication. Lisbon, Portugal.

Binger, C., Kent-Walsh, J., King, M., Webb, E., Buenviaje, E., & Mansfield, L. (2013, November). *Early Sentence Productions by 5-year-olds using AAC: Effects of Augmented Output*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Chicago, IL.

Bracy, N., Flippin, M., **Binger, C.**, & Sancibrian, S. (2013, November). *Life Before and After PECS: Reflections on Supports for Early Communication and Language*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Chicago, IL.

Binger, C., & Kent-Walsh, J. (2013, June). *Acquisition of Early Syntax for Five-Year Old Children using Voice Output Devices: Initial Findings*. Poster presented at the Annual convention of the Society for Research in Child Language. Madison, WI.

Kent-Walsh, J. & **Binger, C.** (2013, February). *Using an AAC app to target grammar skills in play*. (2013). Annual convention of the Assistive Technology Industry Association, Orlando, FL.

***Binger, C.**, Webb, E., King, M., & DeBlassie, M. (2012, November). *Coding and Analyzing Semantic-Syntactic Relations with a Child who Uses Aided AAC*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, Atlanta, GA.

Binger, C., Kent-Walsh, J., Soto, G., & Wendt, O. (2012, November). *What Works with Single Case Research in AAC*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, Atlanta, GA.

Binger, C. & Kent-Walsh, J. (2012, November). *Selecting Skills to Teach AAC Communication Partners*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Atlanta, GA.

***Kent-Walsh, J.**, Binger, C., Resnick, P., & Buchanan, C. (2012, November). *Teaching Children to Produce Novel Multi-Symbol Questions/Statements via AAC Apps*. Paper presented at the Annual Convention of the American Speech-Language Hearing Association Convention, Atlanta, GA.

Binger, C. & Kent-Walsh, J. (2012; August). *Selecting skills to teach communication partners: Lessons from the ImPAACT Program*. Paper presented at the 15th biennial conference of the International Society for Augmentative and Alternative Communication. Pittsburgh, PA.

Binger, C., Kent-Walsh, J., Soto, G., & Wendt, O. (2012; August). *What works with single case research in AAC*. Poster presented at the 15th biennial conference of the International Society for Augmentative and Alternative Communication. Pittsburgh, PA.

*Rowe, K., **Binger, C.**, & Kent-Walsh, J. (2012; August). *Teaching semantic-syntactic categories to a child who uses AAC*. Poster presented at the 15th biennial conference of the International Society for Augmentative and Alternative Communication. Pittsburgh, PA.

***Binger, C.**, Webb, E., King, M., & Deblassie, M. (2012; August). *Coding and analyzing semantic-syntactic relations with a child who uses aided AAC*. Poster presented at the 15th biennial conference of the International Society for Augmentative and Alternative Communication. Pittsburgh, PA.

*Kent-Walsh, J. & **Binger, C.**, Webb, E., King, M., & Deblassie, M. (2012; August). *Grammatical roundup: Teaching children to produce novel multi-symbol questions and statements in a play context*. Paper presented at the 15th biennial conference of the International Society for Augmentative and Alternative Communication. Pittsburgh, PA.

Binger, C., & Kent-Walsh, J. (June, 2012). *Selecting skills to teach communication partners: Where do I start?* Paper presented at the annual online conference of the ASHA Special Interest Group on AAC.

Kent-Walsh, J., & **Binger, C.** (June, 2012). *Fundamentals of the ImPAACT Program: An Evidence-Based Protocol for Partner Instruction in AAC*. Paper presented at the annual online conference of the ASHA Special Interest Group on AAC.

Kent-Walsh, J., & **Binger, C.** (June, 2012). *Plenary*. Paper presented at the annual online conference of the ASHA Special Interest Group on AAC.

*Rowe, K., **Binger, C.**, & Kent-Walsh, J., Webb, E., & King, M. (2011, Nov). *Teaching Semantic-Syntactic Categories to a Child who uses AAC*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, San Diego, CA.

Kent-Walsh, J., **Binger, C.**, & Resnick, P. (2011, May). *Targeting linguistic rules with children who use augmentative and alternative communication*. Poster presented at the Annual Convention of the Florida Speech-Language Hearing Association, Marco Island, FL.

***Binger, .C.**, Kent-Walsh, J., Rowe, K., Kirby, E., & McDougle, S. (2011, Jan). *Analyzing Early Grammatical Productions of Children who use AAC*. Poster session presented at the Annual Conference of the ASHA Division on AAC, Orlando, FL.

Kent-Walsh, J. & **Binger, C.** (2011, Jan). *Classroom & Community Connections in AAC: Nuts and Bolts for Success*. Poster presented at the Annual Conference of Special Interest Division 12 – AAC, American Speech-Language-Hearing Association, Orlando, FL.

***Binger, .C.**, Kent-Walsh, J., Rowe, K., Kirby, E., & McDougle, S. (2011, Jan). *Analyzing Early Grammatical Productions of Children who use AAC*. Poster presented at the Annual Convention of the Florida Speech-Language Hearing Association, Orlando, FL.

Kent-Walsh, J., & **Binger, C.** (2011, Jan). *Classroom and community connections in AAC: Nuts and bolts for success*. Poster presented at the Annual Convention of the Florida Speech-Language Hearing Association, Orlando, FL.

Ball, L., **Binger, C.**, Dietz, A., Kent-Walsh, J., Lasker, J., Lund, S., McKelvey, M. & Quach, W. (2010, Nov). *Roles of AAC personnel in the AAC assessment process*. Paper presented at the Annual Convention of the American Speech-Language-Hearing Association. Philadelphia, PA.

*Malani, M., Kent-Walsh, J., & **Binger, C.** (2010, July). *Storybook reading intervention for students with complex communication needs*. Poster presented at the American Speech-Language-Hearing Association Annual Schools Conference. Las Vegas, NV.

*Kent-Walsh, J., **Binger, C.**, & Malani, M. (2009; November). *Technology in the FAAST lane: A service learning approach to undergraduate AAC instruction*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, New Orleans, LA.

*Kent-Walsh, J., **Binger, C.**, & Quevedo, J. (2009; May). *Effects of peer instruction on AAC use in school-age children*. Poster presented at the Annual Convention of the Florida Speech-Language Hearing Association, Marco Island, FL.

*Kent-Walsh, J., **Binger, C.**, Malani, M., & Quevedo, J. (2009; May). *Effects of parent training on AAC use and communication*. Poster presented at the Annual Convention of the Florida Speech-Language Hearing Association, Marco Island, FL.

*Kent-Walsh, J., **Binger, C.**, Malani, M. Proly, J., Quevedo, J. & Zadroga, C. (2009, January). *Effects of partner instruction on AAC use & natural speech*. Paper presented at the Annual Conference of the Assistive Technology Industry Association, Orlando, FL.

Binger, C., & Kent-Walsh, J. (2008; November). *Supporting turn-taking in AAC: Instruction for SLPs, parents, and peers*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Chicago, IL.

*Maguire-Marshall, M. & **Binger, C.** (2008; November). *Free and bound morpheme errors by children who use AAC*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, Chicago, IL.

Binger, C. & Kent-Walsh, J. (2008; August). *Teaching children who use AAC to use bound morphemes*. Paper presented at the 13th biennial conference of the International Society for Augmentative and Alternative Communication. Montreal, Canada.

Kent-Walsh, J., & **Binger, C.** (2008; August). *Targeting expressive language skills with children using AAC: Interventions for peers & children with autism*. Paper presented at the 13th biennial conference of the International Society for Augmentative and Alternative Communication. Montreal, Canada.

*Berens, J., **Binger, C.**, & Kent-Walsh, J. (2007, November). *Impact of aided AAC intervention on other communication modalities*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, Boston, MA.

***Binger, C.**, Kent-Walsh, J., Berens, J., Ewing, C., Hickman, S., & Maguire, M. (2007, November). *Modeling and recasting: Grammar intervention with children who use AAC*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, Boston, MA.

*Stark, C., Kent-Walsh, J., & **Binger, C.** (2007, November). *School-based AAC service delivery survey: Demographics, service delivery, & SLP training*. Poster presented at the Annual Convention of the American Speech-Language Hearing Association, Boston, MA.

*Kent-Walsh, J., Stark, C., & **Binger, C.** (2007, May). *Applications of AAC cueing hierarchies for targeting communication skills with children*. Poster presented at the Annual Convention of the Florida Speech-Language Hearing Association, Marco Island, FL.

Binger, C., & Kent-Walsh, J. (2007, February). *Using cueing hierarchies to teach communication skills to children who use AAC*. Poster session presented at the 8th Annual Conference of the ASHA Division on AAC, Atlanta, GA.

***Binger, C.**, & Kent-Walsh, J., Del Campo, S., Hickman, S., Marquez, C., & Rivera, D. (2006, November). *Teaching educators and parents to support language development in AAC*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Miami, FL.

Goldstein, H., Minghetti, N., Davis, J., Noffsinger, D., Wilson, M., Sanchez, J.T., **Binger, C.**, Munson, B., & Schuele, C.M. (2006, November). *Foundations for career development: Secrets of success*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Miami, FL.

*Kent-Walsh, J., **Binger, C.**, McLeod, H., Stapleton, C., & Smith, E. (2006, November). *Simulated AAC intervention: Pilot investigation targeting comprehension of locative concepts*. Poster presented at the annual conference of the American Speech-Language-Hearing Association, Miami, FL.

*Kent-Walsh, J., McLeod, H., **Binger, C.**, Stapleton, C., & Smith, E. (2006, May). *Simulated AAC language intervention: Pilot investigation targeting receptive locative concepts*. Poster presented at the Annual Convention of the Florida Association of Speech-Language Pathologists and Audiologists, Orlando, FL.

*Kent-Walsh, J., Stark, C., & **Binger, C.** (2006, May). *School-Based AAC service delivery: Pilot survey of speech-language pathologists*. Poster presented at the Annual Convention of the Florida Association of Speech-Language Pathologists and Audiologists, Orlando, FL.

Binger, C., & Kent-Walsh, J. (2005, November). *Evidence-Based Language Supports for Children Using AAC: Increasing Expressive Communication*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, San Diego, CA.

Binger, C. & Light, J. (2005, November). *Using aided AAC modeling to support children's multi-symbol utterance development*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, San Diego, CA.

Binger, C. & Kent-Walsh, J. (2005, October). *Increasing expressive communication for children who use AAC: Evidence-based intervention techniques*. Paper presented at the annual conference of Closing the Gap, Minneapolis, MN.

Binger, C. & Light, J. (2004, October). *The effects of aided AAC modeling on the acquisition of multi-symbol utterances by children who use AAC*. Paper presented at the biennial conference of the International Society for Augmentative and Alternative Communication, Natal, Brazil.

Binger, C. & Light, J. (2003, November). *Demographics of preschoolers who use AAC and SLP training needs: A survey*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Chicago, IL.

Binger, C. & Light, J. (2003, November). *Grammar assessment and intervention with individuals who use AAC*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Chicago, IL.

Binger, C., & Light, J. (2002, November). *The syntax and morphology of individuals who use AAC*. Paper presented at the annual conference of the American Speech-Language-Hearing Association, Atlanta, GA.

Light, J., **Binger, C.**, Agate, T., Corbett, M.B., Gullapalli, G., Lepkowski, S., & Ramsay, K. (1996, August). *Use of partner-focused questions to enhance communicative competence*. Paper presented at the biennial conference of the International Society for Augmentative and Alternative Communication, Vancouver, Canada.

Light, J., **Binger, C.**, Dilg, H., & Livelsberger, B. (1996, August). *Use of an introduction strategy to enhance communicative competence*. Paper presented at the biennial conference of the International Society for Augmentative and Alternative Communication, Vancouver, Canada.

Light, J., **Binger, C.**, Corbett, M.B., Gathercole, M., Greiner, N., & Seich, A. (1995, November). *The effect of turn-taking on the communicative competence of students who use AAC*. Paper presented at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.

Klee, T., & **Binger, C.** (1993, November). *Contextual effects on transcription*. Poster presented at the annual conference of the Colorado Speech-Language-Hearing Association, Aspen, CO.

Light, J., **Binger, C.**, & Kelford Smith, A. (1992, August). *Story reading interactions between preschoolers who use AAC and their mothers*. Paper presented at the biennial conference of the International Society for Augmentative and Alternative Communication, Philadelphia, PA.

Student research events

Whitaker, M. & **Binger, C.** (2014). *Assessing the augmentative and alternative communication needs of students in rural New Mexico*. McNair Scholars Research Symposium, Albuquerque, NM.

Buenviaje, E. & **Binger, C.** (2013). *Error patterns of five-year-old children using AAC within simple rule-based messages*. Poster presented at the McNair Scholars Research Symposium, Albuquerque, NM.

Ragsdale, J. & **Binger, C.** (2013). *Language sampling measures for children with highly unintelligible speech*. McNair Scholars Research Symposium, Albuquerque, NM.

Maguire-Marshall, M. & **Binger, C.** (2008, March). *Free and bound morpheme errors by children who use AAC*. Poster presented at the 4th Annual UNM Undergraduate Research and Creativity Conference, Albuquerque, NM.

Hickman, S., **Binger, C.**, & Kent-Walsh, J. (2007, April). *Does language intervention impact the spontaneous messages produced by children with complex communication needs?* Poster presented at the 3rd Annual UNM Undergraduate Research and Creativity Conference, Albuquerque, NM.

Stark, C., Kent-Walsh, J., & **Binger, C.** (2007, April). *School-based AAC service delivery: A survey of speech-language pathologists*. Poster presented at the University of Central Florida Showcase of Undergraduate Research, Orlando, FL.

Stark, C., Kent-Walsh, J., & **Binger, C.** (2006, March). *School-based AAC service delivery: pilot survey of speech-language pathologists*. Poster presented at the University of Central Florida Showcase of Undergraduate Research, Orlando, FL.

Research Funding

Implementing a State-of-the-Art Telehealth Model in the Schools for Children who need Augmentative and Alternative Communication

PI: Cathy Binger

Research Allocation Committee Small Grant Award, University of New Mexico

December 2013 – May 2015

Project AACES – Augmentative and Alternative Communication in Educational Settings: Preparing Speech-Language Pathologists in AAC Service Delivery

PI: Wendy Quach

Consultant: Cathy Binger

OSEP (U.S. Office of Special Education)

January 1, 2013 – December 31, 2017

Teaching Children who use AAC to Produce Rule-Based Semantic-Syntactic Relations

PI: Binger, C.

NIH (National Institute on Deafness and Other Communication Disorders)

May 2011 – April 2014

Using Voice Output Devices to Improve the Turn-Taking Skills of Children with Autism Spectrum Disorders (ASD)

PI: Binger, C.

Research Allocation Committee Small Grant Award, University of New Mexico

April 2008-September 2008

The Effects of a Grammar Intervention Program for Children who require AAC

PI: Binger, C.

American Speech-Language-Hearing Foundation New Century Scholars Research Grant

November 2006-November 2007

The Effects of an Educational Assistant Instructional Program on the Multi-Symbol Utterances of Children who require Augmentative and Alternative Communication

PI: Binger, C.

Research Allocation Committee Small Grant Award, University of New Mexico

December 2005-September 2006

The Effects of a Caregiver Instructional Program on the Multi-Symbol Utterances of Latino Children who require Augmentative and Alternative Communication

PI: Binger, C.

American Speech-Language-Hearing Foundation New Investigator Research Grant

November 2005-November 2006