

## CURRICULUM VITAE

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14 February 2023

DEBORAH L. NICHOLS, Ph.D. (formerly Linebarger)

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Associate Professor, Human Development & Family Science, Purdue University (2015 - )

### *Formal Education*

Urban Leader Fellow	Public Policy Advocacy & Analysis	2019	<b>Indianapolis, Indiana Mayor's Office</b>
Advanced Training	Data Science & Analytics	2018	University of Essex, Colchester, UK
Post-Doctoral Fellow	Special Education	1998	<b>Juniper Gardens Children's Project,</b> University of Kansas
Ph.D.	Human Development & Family Sciences	1998	University of Texas at Austin
M.S.Ed.	Psychology & Research in Education	1995	University of Kansas
B.A., cum laude	Psychology	1991	University of Rochester

### *Other Research and Professional Experience*

2011-2015	Associate Professor, College of Education, University of Iowa
2012-2015	Member, DeLTA Center, University of Iowa
2007-2011	Secondary Appointment, Graduate School of Education, University of Pennsylvania
2002-2011	Assistant Professor, Annenberg School, University of Pennsylvania
1999-2002	Assistant Research Professor, Life Span Institute, University of Kansas
1998-1999	Post- <b>Doctoral Fellow, Juniper Gardens Children's Project, University of Kansas</b>
1998	Research Assistant, <i>Early Childhood Research Institute on Measuring Growth and Development, Juniper Gardens Children's Project, University of Kansas</i>
1995-1998	Research Assistant, <i>Effects of Early Childhood Media Use on Academic and Social Outcomes, Center for Research on the Influences of Television on Children (CRITC), University of Texas at Austin</i>
1995-1996	Research Assistant, <i>New Hope Project: Income and Employment Effects on Children and Families, University of Texas at Austin</i>
1991-1993	Case Manager, Community Support Services, Wyandot Mental Health

### *Teaching Experience*

2012	Adjunct Faculty, Statistics, Kirkwood Community College
1998-1999	Adjunct Faculty, Psychology & Research in Education, University of Kansas
1998-1999	Instructor/Mentor, Developmentally Appropriate Practice & NAEYC Accreditation
1997-1998	Director, Jay Care Learning Center, University of Kansas Medical Center
1996-1997	Teaching Assistant/Preschool Teacher, University Lab School, U. of Texas at Austin
1994-1995	Adult Education Instructor, Kansas City Kansas Community College
1993-1995	Teaching Assistant, Psychology/Research in Education, University of Kansas

## Professional Memberships

Society for Research in Child Development; International Society for Infant Studies

## Awards and Honors

- **National Science Foundation's Innovation Corp (I-Corps):** Great Lakes Region Discovery Fellow, Fall 2022
- IMPACT Teaching Fellowship, Spring 2020, Purdue University
- IMPACT Data Science Teaching Fellowship, Spring 2020, Purdue University
- Urban Leader Fellowship, Summer 2019, Office of the Mayor, Indianapolis, Indiana
- **Paper selected for European Conference on Psychology Spotlight Session, July 2015; "Investigating Individual Differences, Diverging Normative Development, and Developmental Change Associated with Educational Media Interventions" with Rachel Barr**
- **Best Paper Award, London International Conference on Education, November 2014; "Super Why! to the Rescue: Can Educational TV Help Preschoolers' Early Literacy Skills?"**
- Iowa International Travel Award, Summer 2013, London, UK; Summer 2014, Berlin, Germany
- **Old Gold Fellowship, Summer 2013, "Infants' and Toddlers' Language Skill: The Roles of Parenting and TV Exposure, U. Iowa**
- Iowa Center for Research by Undergraduates (ICRU) Fellow, Fall 2012, with Christina Valle; **"Neighborhood-Level Learning Supports for Adolescents" selected for Research in the Capitol event, Des Moines, IA**
- Iowa Center for Research by Undergraduates (ICRU) Fellow, Summer 2012, with Andrew Fagersten; **"Understanding the Development of Educator Perceptions in Young Children"**
- Top Conference Paper 2012, Division of Children, Adolescents, & Media, International Communication Association, **"Background Television in the Homes of Young Children"**
- University Research Foundation Junior Faculty Award, 2004; U. Pennsylvania
- Trustees' Council of Penn Women Faculty Research Fellowship, 2003; U. Pennsylvania
- **Post-Doctoral Research Fellow, Juniper Gardens Children's Project, U. Kansas, 1998-1999**
- Bruton Fellowship, 1997-1998; Summer Tuition Fellowship, 1997; Professional Development Award, April 1997; U. Texas at Austin

## Patents

- Provisional Patent filed with U.S. Patent and Trademark Office, 31 December 2022, Application Number: 63436553, *Methods and Systems for Implementing Personalized Health Application*

## Grants/Contracts Received

1/2020-4/2021	<b>Principal Investigator, EmployIndy "System Impact and Programmatic Outcomes Evaluation of YES Indy" \$47,478.35</b>
7/2018-6/2019	<b>Principal Investigator, Caplan Foundation "Argument-Based Inquiry, Multimodal Representations, and Young Children's Growth in Informational Text Use" \$56,240</b>
7/2017-6/2018	<b>Co-Investigator, Children and Digital Screens Grant Program "CAFÉ Consortium: Comprehensive Assessment of Family Exposure" (no direct costs to Purdue)" \$100,000 (PI: Rachel Barr)</b>

6/2013-6/2014 **Principal Investigator, Sesame Workshop, "Lessons from Cookie Monster: Learning to delay gratification from watching Sesame Street" \$45,000**

1/2006-12/2006 **Principal Investigator, Sesame Workshop " Educational Television and Story Skills in Preschool Children" \$40,000**

9/2005-9/2010 Principal Investigator, Corporation for Public Broadcasting/US Department of Education, Institute for Educational Sciences Cooperative Agreement / Ready to **Learn Literacy Initiative Cycle 3" \$5,133,087**

6/2005-12/2005 **Principal Investigator, Iowa Public Television "Healthy Minutes: Attention, appeal and comprehension of IPTV's interstitial messages" \$10,805**

5/2004-8/2006 Principal Investigator, WGBH Educational Foundation, US Department of Education, Institute for Educational Sciences / KNME (U215K040156), American Indian Head Start, and Between the Lions Literacy Initiative \$145,213

4/2004-4/2005 **Principal Investigator, KCPT Public Television, Kansas City, MO, "Formative evaluation of Bark Park Place: A new digital TV program. \$50,000**

3/2004-2/2005 Principal Investigator, University of Pennsylvania Research Foundation **"Repetitive television viewing, eye movements, and context" \$10,000**

3/2002-12/2002 **Principal Investigator, Sesame Workshop "Children's and Parent's Perceptions of Technology" \$35,000**

10/2002-9/2007 **Co-Principal Investigator, USDE/OSERS/OSEP (H324C020078) "Promotion of communication and language development with infants and young children in inclusive community-based child care" \$899,660 [I left U. Kansas for UPenn and stepped down as Co-PI]**

1/2000-6/2000 **Principal Investigator, WGBH and Sirius Thinking, Ltd. "Between the Lions: a Multimedia Initiative that Teaches Children to Read" \$45,000**

8/1999-7/31/2002 **Principal Investigator, USDE/OSERS/OSEP (H327A990082) "Improving Literacy Outcomes Using Captioned Television and Parental Coviewing Strategies" \$399,984**

1/1999-12/2001 **Project Coordinator, USDE/OSERS/OSEP (H324D980066) "Beacons of Excellence in the Promotion of Language Development of Infants and Young Children" \$597,597 [ PI: Dale Walker]; Supplement \$99,555 on 4/1/02**

7/1998-6/1999 Principal Investigator, Kansas Department of Social Rehabilitation Services Childcare Development Fund Block Grant written for Jay Care Learning Center, Inc. (a child care center); Center-Based Establishment/Expansion Grant \$9,800; Quality Enhancement Grant \$77,951

*Journal Publications: Refereed*

- Anderson, D. R., Huston, A. C., Schmitt, K. L., Linebarger, D. L., & Wright, J. C. (2001). Early childhood television viewing and adolescent behavior: The recontact study. *Monographs of the Society for Research in Child Development, 66*.
- Wright, J.C., Anderson, D.R., Huston, A.C., Collins, P.A., Schmitt, K.L. & Linebarger, D.L. (1999). Early viewing of educational television programs: The short- and long-term effects on schooling. *Insights, 2*, 5-8.
- Linebarger, D. L. (2001). Learning to read using television: The effects of captions and narration. *Journal of Educational Psychology, 93*, 288-298.
- Luze, G. L., Linebarger, D. L., Greenwood, C. R., Carta, J. J., & Walker, D. (2001). Toward a technology for assessing communication expression. *School Psychology Review, 30*, 393-416.
- Linebarger, D. L., Royer, S., & Chernin, A. (2003). Young children, parents, computers, and the Internet. *IT & Society, 1*(5), 260-279.

Linebarger, D. L., Kosanic, A., Greenwood, C. R., & Doku, N. S. (2004). Effects of viewing the television program *Between the Lions* on the emergent literacy skills of young children. *Journal of Educational Psychology, 96* (2), 297-308.

Reprinted in:

Galvan, J. L. (2006). *Writing literature reviews: A guide for students of the social and behavioral sciences (3<sup>rd</sup> Edition)*. Glendale, CA: Pyrczak Publishing.

Linebarger, D. L., & Walker, D. (2005). **Infants' and toddlers' television viewing and relations to language outcomes.** *American Behavioral Scientist, 46*, 624-645.

Chernin, A. R., & Linebarger, D. L. (2005). The relationship **between children's television viewing and academic performance.** *Archives of Pediatric and Adolescent Medicine, 159*, 687-689.

Linebarger, D. L., Chernin, A. R., & Kotler, J. (2008). **"Lazy kids watch TV:" Children's perceptions of media and non-media activities.** *Journal of Children and Media, 2*(1), 37-55.

Linebarger, D. L., & Piotrowski, J. T. (2008). Impact of health-related interstitial messages on preschool **children's health knowledge.** *Health Communication, 23*(6), 516-528.

Linebarger, D. L., & Piotrowski, J. T. (2009). TV as storyteller: How exposure to television narratives impacts **at-risk preschoolers' story knowledge and narrative skills.** *British Journal of Developmental Psychology, 27*(1), 47-69.

Jennings, N. A., Hooker, S., & Linebarger, D. L. (2009). Educational television as mediated literacy environments for preschoolers. *Learning, Media, and Technology, 34*(3), 229-242.

Linebarger, D. L., Piotrowski, J. T., & Greenwood, C. R. (2010). Using captioned television as a supplemental literacy tool. *Journal of Research in Reading, 33*(2), 148-167.

Barr, R. E., Shuck, L., Salerno, K., Atkinson, E., & Linebarger, D. L. (2010). Music interferes with learning from television during infancy. *Infant and Child Development, 19*(3), 313-331. DOI: 10.1002/icd.666

Linebarger, D. L., & Vaala, S. (2010). Infants and toddlers, screen media, and language development: An ecological perspective. *Developmental Review, 30*(2), 176-202.

Linebarger, D. L. & Piotrowski, J. T. (2010). **Structure and strategies in children's educational television: The role of program type and learning strategies in children's learning.** *Child Development, 81*(5), 1582-1597.

Barr, R., & Linebarger, D. L. (2010). Introduction to the special issue: Content and context in infant-directed media. *Infant and Child Development, 19*(6), 553-556. [Guest Editor, Special Issue]

Fenstermacher, S. K., Brey, E., Pempek, T. A., Garcia, A., Ryan, M., Moses, A. M., Calvert, S., Barr, R., & Linebarger, D. L. (2010). Interactional quality depicted in infant-directed videos: Where are the interactions? *Infant and Child Development, 19*(6), 594-612.

Fenstermacher, S. K., Barr, R., Garcia, A., Salerno, K., Shwery, C., Pempek, T. A., Calvert, S., & Linebarger, D. L. (2010). Infant-directed media: An analysis of product information and claims. *Infant and Child Development, 19*(6), 557-576.

Vaala, S. E., & Linebarger, D. L., Fenstermacher, S., Tedone, A., Brey, E., Barr, R., Moses, A., Shwery, C., & Calvert, S. (2010). Content analysis of language-promoting teaching strategies: Do strategies match the claims in infant directed media? *Infant and Child Development, 19*(6), 628-648.

Lapierre, M., Vaala, S., & Linebarger, D. L. (2011). The influence of spokes-characters and health cues on young children's subjective ratings of cereal taste. *Archives of Pediatric and Adolescent Medicine, 165*(3), 229-234.

Sanders-Jackson, A. N., Cappella, J. N., Linebarger, D. L., Piotrowski, J. T., O'Keeffe, M., Strasser, A., & Lerman, C. (2011). Addiction and eyes on screen: How smokers process smoking-related PSAs. *Human Communication Research, 37*, 275-292.

Linebarger, D. L. (2011). Teaching with television: New evidence supports an old medium. *Phi Delta Kappan, 93*(3), 62-65.

- Lapierre, M., Piotrowski, J. T., & Linebarger, D. L. (2012). Background television in the homes of US children. *Pediatrics*, *130*(5), 1-8.
- Piotrowski, J. T., Jennings, N. A., & Linebarger, D. L. (2012). Extending the lessons of educational television with young children. *Journal of Children and Media*, *7*(2), 216-234.
- Piotrowski, J. T., Lapierre, M., & Linebarger, D. L. (2013). Investigating correlates of self-regulation in early childhood with a representative sample of English-speaking American families. *Journal of Child and Family Studies*, 1-14.
- Linebarger, D. L., Moses, A., Garrity, K., & McMenamin, K. (2013). Learning vocabulary from television: Does onscreen print have a role? *Journal of Educational Psychology*, *105*(3), 609-621.
- Linebarger, D. L., Barr, R., Lapierre, M., & Piotrowski, J. (2014). Associations between parenting, media use, cumulative risk, and **children's executive functioning**. *Journal of Developmental and Behavioral Pediatrics*, *35*, 367-377.
- Lapierre, M. A., Piotrowski, J. T., & Linebarger, D. L. (2014). Assessing the relationship between pediatric media guidance and media use in American families. *Clinical Pediatrics*, *53*(12), 1166-1173.
- Garrity, K., Piotrowski, J. T., Lapierre, M., & Linebarger, D. L. (2014). The home literacy environment: Exploring how media and parent-**child interactions are associated with children's language** production. *Journal of Early Childhood Literacy*, *14*(4), 482-509.
- Linebarger, D. L. (2015). Super Why! to the rescue: Educational television, preschoolers, and early literacy skills. *International Journal for Cross-Disciplinary Subjects in Education*, *6*(1), 2060-2068.
- Linebarger, D. L. (2015). Contextualizing video game play: The moderating effects of cumulative risk and parenting styles on the relations among video game exposure and problem behaviors. *Psychology of Popular Media Culture*, *4*, 375-396.
- Barr, R., & Nichols Linebarger, D. L. (2016). *Media exposure during infancy and early childhood: The effect of content and context on learning and development*. New York: Springer.
- Rolan, E. P., Schmitt, S., Purpura, D., Nichols Linebarger, D.L. (2018). Sibling presence, executive function and the role of parenting. *Infant and Child Development*. doi:10.1002/icd.2091
- Schmitt, K. L., Hurwitz, L. B., Duel, L. S., & Nichols Linebarger, D. L. (2018). Learning through play: The impact of web-based games on early literacy development. *Computers in Human Behavior*, *81*, 378-389.
- Elson, M., Ferguson, C. J., Gregerson, M., Hogg, J. L., Ivory, J., Klisanin, D., Markey, P. M., Nichols, D., Siddiqui, S., & Wilson, J. (2019). Do policy statements on media effects faithfully represent the science? *Advances in Methods and Practices in Psychological Science*, *2*, 12-25. [Note. Authors equally contributed. Order is alphabetical]
- Gaudreau, C., King, Y. A., Dore, R. A., Puttre, H., Nichols, D., Hirsh-Pasek, K., & Golinkoff, R. M. (2020). Preschoolers benefit equally from video chat, pseudo-contingent video, and live book reading: implications for storytime during the coronavirus pandemic and beyond. *Frontiers in Psychology*, *11*, 2158.
- Barr, R., Kirkorian, H., Radesky, J., Coyne, S., Nichols, D., Blanchfield, O., ... & Bellagamba, F. (2020). Beyond screen time: a synergistic approach to a more comprehensive assessment of family media exposure during early childhood. *Frontiers in Psychology*, *11*, 1283.
- Ribner, A. D., Barr, R. F., & Nichols, D. L. (2021). Background media use is negatively related to language and literacy skills: Indirect effects of self-regulation. *Pediatric Research*, *89*(6), 1523-1529.
- Ferguson, C., Kaye, L. K., Branley-Bell, D., Markey, P., Ivory, J. D., Klisanin, D., Elson, M., Smyth, M., Hogg, J. L., McDonnell, D., Nichols, D., Siddiqui, S., Gregerson, M., & Wilson, J. (2021). *Like this meta-analysis: Screen media and mental health*. *Professional Psychology: Research and Practice*. Online First Publication. <https://doi.org/10.1037/pro0000426>.
- Schmitt, K. L., Hurwitz, L., & Nichols, D. L. (2022). Learning to eRead: A qualitative exploration of young **children's developing eReader practices**. *The Journal of Computer Assisted Learning*, *38*, 488-499. <https://doi.org/10.1111/jcal.12631>

Nichols, D. L. (2022). **The context of background TV exposure and children's executive functioning.** *Pediatric Research*, 92, 1168-1174. <https://doi.org/10.1038/s41390-021-01916-6>

*Publications: Book Chapters*

- Huston, A. C., Anderson, D. R., Wright, J. C., Linebarger, D. L., & Schmitt, K. L. (2001). *Sesame Street* viewers as adolescents: The recontact study. In S. Fisch & R. Truglio (Eds.), *"G" is for "growing": Thirty years of Sesame Street research* (pp. 131-143). Mahwah, NJ: Erlbaum.
- Wright, J. C., Anderson, D. R., Huston, A. C., Collins, P. A., Schmitt, K. L., & Linebarger, D. L. (2001). The effects of early childhood TV-viewing on learning. In J. H. Falk (Ed.) *Free-choice science education: How we learn science outside of school*. New York: Teachers College Press.
- Linebarger, D. L., & Wainwright, D. K. (2007). Learning while viewing: Urban myth or dream come true? In S. R. Mazzarella (Ed.), *20 Questions about youth and the media* (pp. 179-196). New York, NY: Peter Lang.
- Greenwood, C. R., Kamps, D., Terry, B., & Linebarger, D. L. (2007). Primary intervention: A means of preventing special education? In D. Haager, J. Klingner, & S. Vaughn (Eds.), *Evidence-based reading practices for Response to Intervention* (pp. 73-106). Baltimore, MD: Brooks.
- Shaw, A., & Linebarger, D. L. (2008). The influence of computers, interactive games, and the internet on a child's multicultural worldview (pp. 333-347). In Asamen, J. K., Ellis, M. L., & Berry, G. L. (Eds.), *Handbook of Child Development, Multiculturalism, and Media*. Thousand Oaks, CA: Sage.
- Linebarger, D. L., Schmitt, K. L., Huston, A. C., & Anderson, D. R. (2009). Early childhood television viewing and adolescent cognitive outcomes. In A. Schorr (Ed.) *Jugendmedienforschung: Forschungsprogramme, Synopse, Perspektiven*. Opladen: Westdeutscher Verlag.
- Linebarger, D. L., Piotrowski, J. T., & Vaala, S. (2009). Supplementing television: What enhances or detracts from the power of television to teach. In N. N. Nagaraj (Ed.), *Effect of television on children* (pp. 45-71). Hyderabad, India: Icfai University Press.
- Wainwright, D. K., & Linebarger, D. L. (2009). Television can teach: Elements of effective educational television. In N. N. Nagaraj (Ed.), *Effect of television on children* (pp. 24-44). Hyderabad, India: Icfai University Press.
- Linebarger, D. L. (2013). Screen media, early cognitive development, and language: babies' learning from screens (pp. 171-178). In D. Lemish (Ed.), *Handbook on Children, Adolescents, and Media*. New York: Routledge.
- Linebarger, D. L. (2015). Educational media: Potentials for learning (pp. 246-254). In J. D. Wright (Editor-in-Chief), *International encyclopedia of the social and behavioral sciences* (2<sup>nd</sup> Ed.). Elsevier.
- Linebarger, D. L. & Norton-Meier, L. (2016). Scientific concepts, multiple modalities, and young children. In B. Hand, M. McDermott & V. Prain (Eds.) *Multiple representations and science education* (pp. 97-116). New York, NY: Springer.
- Nichols Linebarger, D. L., Brey, E., Fenstermacher, S., & Barr, R. (2016). What makes preschool educational television educational? A content analysis of literacy, language-promoting, and prosocial preschool programming. In R. Barr & D. L. Nichols Linebarger (Eds.), *Media exposure during infancy and early childhood: The effect of content and context on learning and development*. New York: Springer.
- Nichols, D. L. (in press). Screen media, early cognitive development, and language: babies' learning from screens. In D. Lemish (Ed.), *Handbook on Children, Adolescents, and Media* (2<sup>nd</sup> Ed.). New York: Routledge.

### *Publications: Practitioner - Oriented*

- Anderson, D. R., Huston, A. C., Wright, J. C., Collins, P. A., Schmitt, K. L., & Linebarger, D. L. (1998). Preschool television viewing and high school achievement: The recontact study. *Television, 11*(2), 21-24.
- Anderson, D. R., Barr, R., & Linebarger, D. L. (2006). What the research tells us about the impact of TV/video viewing on children under three. *Zero to Three*, Washington DC. Retrieved from: [http://www.zerotothree.org/site/DocServer/media\\_research\\_doc\\_5-24.pdf?docID=281](http://www.zerotothree.org/site/DocServer/media_research_doc_5-24.pdf?docID=281).
- Linebarger, D. L. (2004). Young children, language, and television. *Literacy Today, 40*. Retrieved from: <http://www.literacytrust.org.uk/Pubs/linebarger.html>.

### *Publications: Encyclopedia Entries*

- Linebarger, D. L. (2000). Poverty and children. In L. Balter (Ed.), *Parenthood in America: An encyclopedia*. Santa Barbara, CA: ABC-CLIO.
- Linebarger, D. L. (2000). Television and children. In L. Balter (Ed.), *Parenthood in America: An encyclopedia*. Santa Barbara, CA: ABC-CLIO.
- Chernin, A. R., & Linebarger, D. L. (2004). **Television's impact on youth and children's play (pp. 348-350)**. In G. Cross (Ed.), *Encyclopedia of Recreation and Leisure in America*. Farmington Hills, MI: Gale.
- Chernin, A. R., & Linebarger, D. L. (2006). Television and attention. In Arnett, J. J. (Ed.), *Encyclopedia of children, adolescents, and the media*. Thousand Oaks, CA: Sage.
- Lapierre M.A., Vaala S.E., & Linebarger D.L. (2009). Television. In R. A. Shweder, T. R. Bidell, A. C. Dailey, S. D. Dixon, P. J. Miller, & J. Modell (Eds.), *The Child: An Encyclopedic Companion* (pp. 987-989). Chicago, IL: University of Chicago Press.

### *Publications: Technical Reports<sup>1</sup>*

- Linebarger, D.L. (2006). *The Between the Lions American Indian Literacy Initiative Research Component: Report prepared for the United States Department of Education*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D. L. (2006). *Teaching language and literacy on television. A literature review prepared for the Corporation for Public Broadcasting*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. & Taylor-Piotrowski, J.L. (2006). *Pinky Dinky Doo: Evaluating the Educational Impact and Appeal of Pinky Dinky Doo on Preschool Children*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Wainwright, D. K., & Linebarger, D. L. (2006). *Elements of effective educational television: A literature review prepared for the Corporation for Public Broadcasting*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.

#### *Reprinted in:*

- Wainwright, D. K., & Linebarger, D. L. (2009). Television can teach: Elements of effective educational television. In N. N. Nagaraj (Ed.), *Effect of television on children* (pp. 24-44). Hyderabad, India: Icfai University Press.

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<sup>1</sup> All technical reports were related to the Ready to Learn Literacy Initiative Cycle 3. I was required to provide multiple technical reports that spanned basic experimental research, efficacy trials, and a longitudinal experimental study of early media use and later child outcomes.

- Linebarger, D.L. & Taylor-Piotrowski, J.T. (2006) *Formative Evaluation of Postcards from Buster: The Boston Study*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D. L., Taylor-Piotrowski, J. L., & Vaala, S. (2007). *Supplementing television: What factors enhance or detract from learning from television. A literature review prepared for the Corporation for Public Broadcasting*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.

*Reprinted in:*

- Linebarger, D. L., Piotrowski, J. T., & Vaala, S. (2009). Supplementing television: What enhances or detracts from the power of television to teach. In N. N. Nagaraj (Ed.), *Effect of television on children* (pp. 45-71). Hyderabad, India: Icfai University Press.
- Linebarger, D. L., & Wainwright, D. K. (2007). *Cutaways: The impact on appeal and story comprehension associated with viewing an episode of Between the Lions from Season 6*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D. L., Lapierre, M., & Vaala, S. (2007). *Complexity, movement, and text familiarity: Correlates of visual attention to onscreen print*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D. L., Piotrowski, J. T., & Vaala, S. (2007). *Vocabulary knowledge, conversational language skills, and map knowledge: Can Postcards from Buster help inside the classroom? A final report prepared for the Corporation for Public Broadcasting*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D. L., & Piotrowski, J. T. (2007). *Literacy-promoting strategies embedded in children's educational television: A content analysis and validation study*. A final report prepared for the Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Piotrowski, J. T., & Linebarger, D. L. (2007). *The impact of TV narratives on the early literacy skills of preschoolers*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Wainwright, D.W. & Linebarger, D.L. (2008). *Bedroom Television: Behaviors and Beliefs of Parents Regarding Bedroom TV for Young Children*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Barr, R. & Linebarger, D.L. (2008). *Music interferes with learning from television during infancy*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Lapierre, M. & Linebarger, D.L. (2008). *Onscreen Print and Eye-Tracking*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Jennings, N.A., Hunt, K., Altenau, M. & Linebarger, D. L. (2008). *Electronic Company: Children's Parasocial relationships and loneliness*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Jennings, N.A., Hooker, S. & Linebarger, D. L., (2008). *Observing the "ins" and "outs" of Between the Lions: Educational television and emergent literacy in preschoolers*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania; University of Cincinnati.



- Linebarger, D.L., McMenamin, K. & Wainwright, D.K. (2009). *Summative Evaluation of Super Why!: Outcomes, Dose and Appeal*. A final report prepared for the Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. (2009). *Between the Lions Mississippi Literacy Initiative: 2007-2008 Review*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Vaala, S., Lapiere, M., & Linebarger, D. L. (2009). *Attending to onscreen print in educational programming: the eye movements of children and adults*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Lapiere, M.A. & Linebarger, D.L. (2009). ***Children's understanding of print and story conventions as predictor of theory of mind***. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Piotrowski, J.T., Linebarger, D.L., & Jennings, N. (2009). *Assessing the Impact of Between the Lions and Literacy Manipulatives on the Literacy Skills of Young Children*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L., McMenamin, K. & Moses, A.M. (2009). *Martha Speaks: Indicators of Appeal and Parasocial Relations and Relations Between These Indicators and Child Outcomes*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Vaala, S. & Linebarger, D.L. (2009). ***Language Promoting Strategies Embedded in Infants' Educational Videos***. A final report prepared for Corporation for Public Broadcasting. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. (2010). ***Television's Impact in Children's Reading Skills: A Longitudinal Study***. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Lapiere, M.A., Piotrowski, J.T. & Linebarger, D.L. (2010). *Measuring the Home Media Environment of Young Children: Results from a Nationally Representative Sample of American Families*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L., Moses, A.M., & McMenamin, K. (2010a). *Vocabulary Learning From Educational Television: Can Children Learn New Words From Martha Speaks?* A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L., Moses, A. & McMenamin, K. (2010b). *Vocabulary Learning and the Effect of Onscreen Print*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. & McMenamin, K. (2010). *Between the Lions Mississippi Literacy Initiative: 2008-2009 Review*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Fenstermacher, S. K., Barr, R. Brey, E., Pempek, T. A., Ryan, M., Calvert, S., Shewrey, C., & Linebarger, D. L. (2010). *Educational Media Created for Infants, Toddlers, and Preschoolers: A Picture of the Interactional Quality as Modeled by Onscreen Characters*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Moses, A., Linebarger, D. L. & Wainwright, D.K., & Brod, R. (2010). ***Television's Impact on Children's Vocabulary Knowledge: A Meta-Analysis***. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.

- Piotrowski, J.T., Lapierre, M.A. & Linebarger, D.L. (2010). *How American Children Spend Their Time*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L., Barr, R., Lapierre, M.A. & Piotrowski, J.T.(2010). *A National Parent Survey: Background Television Exposure and Executive Functioning*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Garrity, K.M., Linebarger, D. L., Piotrowski, J.T. & Lapierre, M.A. (2010) *A National Parent Survey: Predicting Language and Literacy Skills from Young Children's Media Environment*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Garrity, K.M., Piotrowski, J.T., McMenamin, K. & Linebarger, D. L. (2010). *A Summative Evaluation of The Electric Company*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Moses, A.M., Jennings, N.A., Hooker, S.D., Cordell, B., Sallee, T., & Linebarger, D. L. (2010). ***"With the Power to Read": The effects of consistent, positive literacy messages in an educational television program.*** A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- McKnight, M.K., Vaala, S.E. & Linebarger, D. L. (2010). *Content analysis of language-promoting strategies used in RTL programming and other programs for preschoolers*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Schmitt, K.L., Sheridan, L., McMenamin, K. & Linebarger, D.L. (2010). *Summative Evaluation of PBS Kids Island: Usability, Outcomes and Appeal*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Moses, A. M., Brod, R., & Linebarger, D.L. (2010). ***"Super Readers to the Rescue": Super WHY!'s Depictions of Reading, Writing and Other Literacy Activities.*** A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Jennings, N.A., Altenau, M.L., Hunt, K.P & Linebarger, D.L. (2010). *Examining Interactive Educational Television: A Content Analysis of Super WHY!*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Jennings, N.A., Hooker, S.D. & Linebarger, D.L. (2010). ***Children's Response to Interactive TV: An Observational Study of Super Why!*** A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Barr, R., Linebarger, D.L., Horn, P., Fenstermacher, S., Benasich, A.A. & Choudhury, N. (2010). *Preliminary findings on factors influencing rapid auditory processing in 6-month-olds: Household density, maternal education, maternal depression and media exposure*. A final report prepared for Corporation for Public Broadcasting. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.

#### *Publications: Reports and other Articles*

- Linebarger, D. L. (2000). *Summative evaluation of Between the Lions: A Final Report to WGBH Educational Foundation. Kansas City, KS: Juniper Gardens Children's Project, U. of Kansas.*
- Linebarger, D. L. & Kosanic, A. Z. (2001). *Summative evaluation of Dora the Explorer: A Final Report to Nickelodeon Television (Part 1: Learning Outcomes; Part 2: Character Study)*. Kansas City, KS: Media & Technology Projects.
- Linebarger, D. L. (2001). Book review. [Review of the book *Beginning literacy with language: Young children's learning at home and school.*] *Topics in Early Childhood Special Education*, 21, 188-191.

- Prince, D. L., Grace, C., Linebarger, D. L., Atkinson, R., & Huffman, J. D. (2002). *Between the Lions Mississippi literacy initiative: A final report to Mississippi Educational Television*. Report prepared for Mississippi Educational Television and WGBH Educational Foundation. Starkville, MS: The Early Childhood Institute, Mississippi State University.
- Linebarger, D. L. (2002). *Children, parents, and perceptions: A report prepared for Sesame Workshop*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. & Taylor, J.L. (2005a). *Formative Evaluation of Bark Park Place: Usability Analysis*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. & Taylor, J.L. (2005b). *Formative Evaluation of Bark Park Place: A Supplement to the Usability Analysis*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. & Taylor, J.L. (2005c). *Formative Evaluation of Bark Park Place: Home Visit Report*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D.L. (2006a). *Healthy Minutes: Impact of Iowa Public Television's Healthy Minutes Interstitials on Preschool Children*. Philadelphia, PA: Annenberg School for Communication, University of Pennsylvania.
- Linebarger, D. L. & Gatewood, R. (2014). *Lessons from Cookie Monster: Educational television, executive function, and preschoolers*. Iowa City, IA: University of Iowa.
- Lay, V., Nichols, D. Vandermeer, A. (2019, July). *Employer of choice: Becoming a preferred workplace within the Indianapolis business community. A policy memo prepared for the Indianapolis Mayor's Office*. Indianapolis, IN.
- Nichols, D. L., & Linebarger, A. H. N. (2020, April). *Opportunities for youth: A profile analysis of YES Indy participants*. A report prepared for EmployIndy. West Lafayette, IN: Purdue University.
- Nichols, D. L., & Linebarger, A. H. N. (2021, June). *Testing the system: The impact evaluation*. A report prepared for EmployIndy, Inc. Purdue University, West Lafayette, IN.
- Nichols, D. L., & Linebarger, A. H. N. (2021, June). *Trends over time: Shifts in Opportunity Youths' Attainment of Key Performance Indicators*. A report prepared for EmployIndy, Inc. Purdue University, West Lafayette, IN.
- Nichols, D. L., & Linebarger, A. H. N. (2021, August). *Building the system: The implementation evaluation*. A report prepared for EmployIndy, Inc. Purdue University, West Lafayette, IN.

### *Invited Presentations*

- Nichols, D. L. (2022, April). *Knocks and nudges: The differential impacts of screen media*. Presentation to be given as part of the HDFS Colloquium Series. Purdue University, West Lafayette, IN.
- Nichols, D. L. (2022, March). *The differential impacts of educational media: Considering individual differences across diverse contexts using a social justice framework*. Presentation given for the **Office of Interdisciplinary Graduate Programs' Social Justice Seminar, Purdue University, West Lafayette, IN.**
- Nichols, D. L. (2020, June). *#socialmedia: Teens, Tweens, and Well-Being*. Home and Family Conference, Indianapolis, IN. [conference canceled, rescheduled to 2021]
- Nichols, D. L. (2020, April). *Generational differences in attitudes and behaviors*. HHS Extension Update conference for Extension Educators, West Lafayette, IN. [conference canceled]
- Nichols, D. L. (2019, December). *#socialmedia: Teens, trends, & technology*. A presentation to the Extension Educator Professional Development Conference, West Lafayette, IN.
- Nichols, D. L. (2019, April). *Amplifying quality: Establishing standards for children's media* [presentation canceled]. Invited presentation at the Truth about Tech: Solutions for digital well-being conference. Washington DC.
- Nichols, D. L. (2019, March). *Screen sense: From toddlers to teens*. Invited presentation at the Church of

- Latter Day Saints Parenting Expo. West Lafayette, IN.
- Nichols, D. L. (2018, March). *Screen time choices and background television*. Invited presentation at the Power Off and Play conference. Aurora, Ontario, CA.
- Nichols, D. L. (2018, January). *Links between media exposure and language and literacy development*. Invited presentation to the NICHD Media Exposure and Early Child Development Workshop. Bethesda, MD.
- Nichols, D. L. (2017, May). *Child development in the digital age: The reality of screen time*. Featured session at the National Smart Start Conference. Greensboro, NC.
- Nichols, D. L. (2017, April). *Children's public media: The great equalizer*. Invited presentation to the Corporation for Public Broadcasting's Open Session Board of Director's Meeting, Washington, DC.
- Nichols, D. L. (2016, October). *Informational text, multiple modes, and mental representations in the context of science learning*. **Invited presentation to the Public Broadcasting System's Children's Programming Team**. Arlington, VA.
- Linebarger, D. L. (2016, July). *Who is affected by what content under what circumstances?* Invited presentation at Birkbeck University of London, London, UK.
- Linebarger, D. L. (2016, February). *Educational media: Oxymoron or dream come true*. Invited presentation to the Purdue University Extension Offices.
- Linebarger, D. L. (2015, April). *From Minecraft to Facebook: Crafting digital personas and (mis)managing privacy across the life course*. Invited presentation as part of a 3-person symposium with Eugene **Spafford (Purdue University) and Nicholas Johnson (University of Iowa) for the University of Iowa's Ideas & Intersections**. Topic: Privacy in a Digital Age.
- Linebarger, D. L. (2014, April and 2015, March). *Lessons from Cookie Monster*. University of Iowa Alumni **Association's Lifelong Learning Event, Des Moines, IA**.
- Linebarger, D. L. (2013, October). *Infants, media content, and development*. Presentation delivered at the Science of Digital Media & Early Learning Initiative, New America Foundation, Washington DC.
- Linebarger, D. L. (2012, October). *Young children's learning from educational media*. Breakout speaker at 4Cs Early Childhood Fall Institute. Iowa City, IA.
- Linebarger, D. L. (2012, June). *Media and school readiness*. Paper presented at the Get Ready Iowa! Conference, University of Iowa, Iowa City, IA.
- Linebarger, D. L. (2012, April). *Learning from educational media*. Guest lecture at Northwestern University, Evanston, IL.
- Linebarger, D. L. (2011, May). Babies and media. In M. Rich and D. Lemish (chairs), *Media, child health, and wellbeing: Setting the research agenda*. Pre-conference presented at the annual meeting of the International Communication Association, Boston, MA.
- Linebarger, D. L. (2010, October). *Babies, screen media, and early language development: An ecological perspective*. Paper presented as part of the Center for Children, Relationships, and Culture & the Developmental Science Field Committee (Co-Sponsored) Colloquium Series. Department of Human Development, University of Maryland, College Park, MD.
- Linebarger, D. L., Lapierre, M., Vaala, S. E., Piotrowski, J. T., & Barr, R. (2010, March). The implications of repeated exposure to background television on young **children's executive functioning skills: Results from a national parent survey**. In R. Barr's (chair/discussant) *Learning from media during childhood*. Invited Symposium, Developmental Psychology Track, Eastern Psychological Association, New York, NY.
- Piotrowski, J.T. & Linebarger, D.L. (2009, December). *Children's television: Extending research into practice*. Invited presentation, *PBS Kids Sprout*, Philadelphia, PA.
- Linebarger, D. L., Lapierre, M., & Vaala, S. E. (2009, November). *The role of background TV exposure in young children's executive functioning development*. Colloquium presented at the Annenberg School for Communication, University of Pennsylvania, Philadelphia, PA.

- Linebarger, D. L. (2009, June). RTL media content evaluations. In C. Garnette (chair), *Improving reading skills with digital media: Research forum*. Paper symposium presented at the annual meeting of the National Educational Computing Conference, Washington DC.
- Linebarger, D. L. (2009, June). *PBS Kids TV helps kids learn: Super Why! research*. Paper presented at the annual meeting of the National Educational Computing Conference, Washington DC.
- Linebarger, D. L. (2008, November). Moderator of the panel *Creating Social Value through Video Games* presented at the Net Impact 2008 North American Conference, The Sustainable Advantage: Creating Social and Environmental Value.
- Linebarger, D. L. (2008, September). **Panel discussion. In M. Jackson's (moderator), *It All Comes Back to Innovation: The New Paradigm of Play***. Invited panel session at the Sandbox Summit: The New Playing Fields: Building a 21<sup>st</sup> Century Sandbox. New York, NY.
- Linebarger, D. L. & Vaala, S. E. (2008, March). *Babies and TV: Relations between viewing and language development*. Invited paper presented at the 2<sup>nd</sup> International Conference on Early Childhood Education. Arnhem, Netherlands.
- Linebarger, D. L. (2007, May). Paper presented at the workshop Exploring Media Narratives: New Concepts & Methods, Erfurt, Germany.
- Linebarger, D. L. (2007, March). *When enemies meet: The unlikely marriage between television and literacy*. Invited paper presented at Michigan State University. East Lansing, MI.
- Linebarger, D. L. (2006, December). *Educational media: Urban legend or dream come true?* Keynote presentation presented at the Effects of Media and Technology on Children and Their Learning Conference. East Lansing, MI.
- Linebarger, D. L. (2006, December). *Educational media: Descriptions, examples, and appropriate use*. A breakout session presented at the Effects of Media and Technology on Children and Their Learning Conference. East Lansing, MI.
- Linebarger, D. L. (2006, November). Young children and technology. In E. Miller (chair) *Young children and computers: Looking at the evidence of benefits and harm from the use of high technology in early education*. Featured session at the annual conference of the National Association for the Education of Young Children, Atlanta, GA.
- Linebarger, D. L. (2005, October). *Designing digital media content for children: What does the research tell us?* Content Track of Iowa DTV Symposia 2005, Des Moines, IA.
- Linebarger, D. L. (2005, February). **New directions for media evaluation and children's development. In J. Caliguro (chair), *A child's life: learning, literacy, and the role of media – special panel highlighting the research and evaluation landscape***. Keynote panel session presented at the annual meeting of the PBS Ready to Learn Seminar, Baltimore, MD.
- Linebarger, D. L. (2004, December). **The role of public television for young children's learning. In J. Callaway (chair), *The future of public television***. Invited panel session at the University of Chicago Cultural Policy Center's 2004 Arts and Humanities Public Life Conference.
- Linebarger, D. L., (2004, November). *Exploration of early childhood education in the digital age*. Featured panel session presented at the National Association for the Education of Young Children, Anaheim, CA.
- Anderson, D. R., Linebarger, D. L., & Vandewater, E. (2004, February). *Young children and media in 2004: What does it mean for young children and Ready to Learn services?* Keynote panel session presented at the annual meeting of the PBS Ready to Learn Seminar, Baltimore, MD.
- Linebarger, D. L. (2004, February). *Literacy for the information age*. In R. Hobbs (chair), Media Smart Seminar Series. Temple University, Philadelphia, PA.
- Linebarger, D. L. (2004, June). Infant/toddler development and television. In G. Sroufe (chair), *Learning from the screen*. Symposia presented at the annual Head Start Conference, Washington DC.

Linebarger, D. L. (1996, April). The effects of educational television on young children. Invited speaker, *Society, Race and Gender in the Media*. Symposium conducted at Ottawa University, Roeland Park, KS.

### *Preconference Workshops*

Nichols Linebarger, D. L. (2017, April). Panel discussant. In J. Carta, G. Troseth, & D. Dickinson (Chairs), *Using technology to overcome poverty-related disparities in early language experience*. Pre-conference delivered at the biennial meeting of the Society for Research in Child Development, Austin, TX.

Linebarger, D. L. (2013, May). Examples of teaching children and media. In A. Jordan (Chair), *Teaching children and media*. Pre-conference to be delivered at the annual meeting of the International Communication Association, London, UK.

Linebarger, D. L. (2011, May). Babies and media. In M. Rich and D. Lemish (chairs), *Media, child health, and wellbeing: Setting the research agenda*. Pre-conference delivered at the annual meeting of the International Communication Association, Boston, MA.

Linebarger, D. L. (2005, May). Organizer and moderator with M. Fishbein, A. B. Jordan, K. M. Lee, S. Smith, U. Ritterfeld, S. Banet-Weiser, M. B. Oliver, & W. J. Potter. *Annenberg Institute on Youth and Media (AIYM): Understanding media exposure: Theoretical and methodological issues*. Pre-conference presented at the annual meeting of the International Communication Association, San Diego, CA.

### *Invited Webinars*

Nichols, D. L. (2022, February). Onscreen print, language, and literacy skills: What does the research say? In K. Zimmer (moderator), *Accelerating literacy through same language subtitling*. A webinar produced by Campaign for Grade Level Reading and First Book. Available at: <https://www.youtube.com/watch?v=Ib3B8BGYbs4>

Linebarger, D. L. (2014, April). Educational media: Screen time and literacy. In D. Pompa (moderator), *Educational media: Screen time and literacy*. A webinar produced by Reading Rockets. Available at: <https://www.readingrockets.org/webcasts/3005>.

### *Refereed Presentations*

Liu, M. & Nichols, D. L. (2023, March 23-25). **An inquiry of "Formula Feeders" sub-reddit** using natural language processing approach [Flash talk]. In *Using and studying technology in research involving children and families* [Flash talk symposium]. Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.

Nichols, D. L. (2023, March 23-25). Moderator. *Using and studying technology in research involving children and families* [Flash talk symposium]. Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.

Nichols, D. L. (2023, March 23-25). *Knocks and nudges: Understanding the differential impacts of screen media* [Poster presentation]. Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.

Morano, C., Puttre, H., King, Y., Dore, R., Nichols, D., Hirsh-Pasek, K., & Golinkoff, R. (2019, October). *Read to me: Prerecorded, video chat, and in-person reading are related to similar vocabulary and comprehension outcomes in preschoolers*. Poster to be presented at the biennial meeting of the Cognitive Development Society, Louisville, KY.

Nichols, D. L., & Neal, T. (2019, June). From science knowledge to science engagement: The intersecting roles of scientific self-efficacy, identity, and values in a u.s. adolescent sample. Poster to be

- presented at the *10th International Conference on Environmental Education - The Best of Both Worlds*, Sorocabo, Brazil.
- King, Y., Dore, R., Puttre, H., Foster, L., Golinkoff, R. M., & Nichols, D. L. (2019, March). **Children's story comprehension from book reading over video chat.** *Poster presented at the biennial meeting of the Society for Research in Child Development*, Baltimore, MD.
- Nichols, D. L. & Neal, T. (2017, September). **Children's communication of science content through multimodal representations and informational text.** Poster presented at the 21<sup>st</sup> International Conference of FDdB. Martin-Luther-Universitat, Halle-Wittenberg, Germany.
- Neal, T. & Nichols, D. L. (2017, September) *Argument-based inquiry, multimodal representations, and young children's growth in informational text use.* Poster presented at the 21<sup>st</sup> International Conference of FDdB. Martin-Luther-Universitat, Halle-Wittenberg, Germany.
- Nichols, D. L. (2017, July). The educational strategies inside preschool educational television. In O. Kofrat (chair) *Multimedia as bridges for language and literacy for young children.* Paper symposium presented at the annual conference of the Society for Scientific Studies in Reading. Halifax, Nova Scotia.
- Nichols Linebarger, D. L., Ribner, A., Barr, R., Lapierre, M., & Piotrowski, J. T. (2017, April). Behavioral self-regulation mediates the relation between background TV and literacy skills. In A. Ribner (chair) *Media and self-regulation: Research and implications for policy and practice.* Paper symposium presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
- Nichols Linebarger, D. L., & Barr, R. (2017, April). *Differential susceptibility to media effects: Who is affected by what media content under which circumstances?* Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
- Schmitt, K., Duel, L. S., & Nichols Linebarger, D. L. (2017, April). *Can young children learn pre-literacy skills from online educational games?* Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
- Schmitt, K. L., Duel, L. S., & Nichols Linebarger, D. L. (2016, October). **Young children's early literacy learning from online educational games.** Poster presented at the Society for Research in Child Development's Special Topic Meeting: **Technology and Media in Children's Development**, Irvine, CA.
- Barr, R., Ribner, A., Coyne, S., & Nichols Linebarger, D. L. (2016, October). A new wave of survey methodology: Using digital technology to gain a more comprehensive assessment of household media usage. In A. Lauricella (chair), *Innovative and converging methods for studying children's media use.* **Paper symposium presented at the Society for Research in Child Development's Special Topic Meeting: Technology and Media in Children's Development**, Irvine, CA.
- Nichols Linebarger, D. L., Ribner, A., Barr, R., Lapierre, M., & Piotrowski, J. (2016, October). *Behavioral self-regulation mediates the associations of entertainment and background television with literacy skills.* **Poster presented at the Society for Research in Child Development's Special Topic Meeting: Technology and Media in Children's Development**, Irvine, CA.
- Evich, C., Jones, B., & Nichols Linebarger, D. L. (2016, October). *Examining associations between television, sleep duration, and executive functioning across childhood.* Poster presented at the Society for Research in Child Development's Special Topic Meeting: **Technology and Media in Children's Development**, Irvine, CA.
- Nichols Linebarger, D. L. (2016, October). Relations among family SES, enjoyment of reading and TV **viewing, and children's vocabulary knowledge.** In M. Schlesinger (chair), *Relations between media use and healthy (or unhealthy) development in minority populations across domains.* Paper symposium presented at the Society for Research in Child Development's Special Topic Meeting: **Technology and Media in Children's Development**, Irvine, CA.

- Linebarger, D. L. (2016, July). *Visual attention to televised onscreen print by novice and expert readers*. Poster presented at the annual meeting of the Society for the Scientific Study of Reading, Porto, Portugal.
- Linebarger, D. L., & Barr, R. (2016, May). *Background TV exposure in very young children: Context and consequence of exposure*. Poster presented at the annual meeting of the International Conference on Infant Studies, New Orleans, Louisiana.
- Linebarger, D. L., Neal, T., & Quarderer, N. (2016, May). *Cohesiveness in young children's multimodal science representations: The separate and interacting roles of content and organization of that content*. Paper presented at the International Conference on Education in Mathematics, Science, & Technology, Bodrum, Turkey.
- Quarderer, N., & Linebarger, D. L. (2016, May). *Multimodal representations as a means of constructing science literacy in young learners*. Paper presented at the International Conference on Education in Mathematics, Science, & Technology, Bodrum, Turkey.
- Linebarger, D. L. & Barr, R. (2015, July). *Investigating individual differences, diverging normative development, and developmental change associated with educational media interventions*. Paper presented at the 2<sup>nd</sup> Annual European Conference on Psychology and Behavioral Science (ECP), Brighton, UK. Selected as ECP Tuesday Spotlight Session
- Linebarger, D. L. (2015, July). Session Chair. ECP: Psychology and education. Paper symposium presented at the 2<sup>nd</sup> Annual European Conference on Psychology and Behavioral Science, Brighton, UK.
- Linebarger, D. L. (2015, March). *Contextualizing video game play: The moderating effects of family risk and parenting on video game exposure and problem behaviors*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- Linebarger, D. L. (2015, March). Discussant. In K. Schmitt (chair) *Parent-child interactions with books and other media*. Paper symposium presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- Barr, R., Zachary, C., & Linebarger, D. L. (2015, March). Quality of parent-child interactions during book reading and television predict language outcome in low-income minority infants. In K. Schmitt (chair) *Parent-child interactions with books and other media*. Paper symposium presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- Gatewood, R. E., & Linebarger, D. L. (2015, March). *Lessons from Cookie Monster: Educational television, preschoolers, and executive function*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
- Linebarger, D. L. (2014, November). *Super Why to the rescue: Can preschoolers learn early literacy skills from educational television?* Paper presented at the London International Conference on Education, London, UK. Best Paper Award.
- Linebarger, D. L. , & Gatewood, R. E. (2014, November). *Lessons from Cookie Monster: Educational television, preschoolers, and executive function*. Poster presented at the London International Conference on Education, London, UK.
- Linebarger, D. L. (2014, August). Infants, toddlers, and media effects: The good, the bad, and the biased. In J. Ivory (chair), *Potential social concerns about video games that merit more attention*. Paper symposium presented at the annual conference of the American Psychological Association, Washington DC.
- Linebarger, D. L. (2014, July). **Lessons from Cookie Monster: Encouraging preschoolers' outdoor play and exploration via children's educational TV. Poster presented at the annual meeting of the International Conference on Outdoor Learning Environments, Halle, Germany.**
- Linebarger, D. L., & Barr, R. (2014, July). How are parenting practices and media content associated with early language development? In H. Kirkorian (Chair) *Convergent methods to understand how infants watch and learn from screen media*. Paper symposium presented at the annual conference



- of the International Society on Infant Studies, Berlin, Germany.
- Aguirre-Mendez, C., Yoon, S. Y., Keles, N., Linebarger, D. L., & Hand, B. (2014, March). **Early learners' multiple representation in the context of the science writing heuristic approach.** Paper presented at the annual meeting of the National Association of Research in Science Teaching, Pittsburgh, PA.
- Aguirre-Mendez, C., Yoon, S. Y., Keles, N., Linebarger, D. L., & Hand, B. (2014, April). **Exploring Elementary Students' Content Ideas and Cohesiveness of Multimodal Representation in Science Writing Tasks.** Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
- Linebarger, D. L., & Barr, R. (2013, April). **Infants' and toddlers' expressive language skill: The roles of parenting and television exposure.** In C. Sims (chair), *Language learning and screen media: Investigating the nature of and support for children's learning from video. Paper symposium* presented at the biennial conference of the Society for Research on Child Development, Seattle, WA.
- Zachary, C., Finch, J., Oot, E., Zimmermann, L., Fenstermacher, S., Linebarger, D. L., & Barr, R. (2012, June). *Parent-infant interactions in low income minority families.* Poster session presented at the International Society on Infant Studies, Minneapolis, MN.
- Linebarger, D. L., Barr, R., Piotrowski, J. T., & Lapierre, M. (2012, June). Relations among early television exposure, parental supervision during that exposure, and temperament. Poster session presented at the International Society on Infant Studies, Minneapolis, MN.
- Lapierre, M., Piotrowski, J. T., & Linebarger, D. L. (2012, May). *Background television in the homes of young children.* Paper presented at the annual meeting of the International Communication Association, Phoenix, AZ. *Top Paper Award, Division of Children, Adolescents, and Media, Phoenix, AZ.*
- Zimmerman, L., Zachary, C., Finch, J. E., Van Nispen, A., Blanchfield, O., Beinfeld, S., Oot, E., Fenstermacher, S., Linebarger, D. L., & Barr, R. (2012, March). *Parent-infant interactions in low income minority families.* Paper symposium presented at the meeting of the Eastern Psychological Association, Pittsburgh, PA.
- Linebarger, D. L., & Barr, R. (2012, February). Converging operations: The utility of a multi-method developmental approach to studying infants and media. In D. Bickham (chair) *Intensive data collection methods for measuring children's use of and attention to television and other electronic media. Paper symposium to be presented at the Society for Research in Child Development's Themed Meeting on Developmental Methodology*, Tampa, FL.
- Garrity, K., Piotrowski, J.T., Lapierre, M.A., & Linebarger, D.L. (November 2011). *The influence of the home literacy environment on children's language and literacy skills.* Paper presented at the meeting of the National Communication Association, New Orleans, LA.
- Lapierre, M.A., Piotrowski, J.T., & Linebarger D.L. (November 2011). Parenting and Media Use: Where do American Parents Turn for Media Advice? In N.A. Jennings (Chair), *Parenting, care giving, and media: Young children and their media environment.* Panel presented at the meeting of the National Communication Association, New Orleans, LA.
- Piotrowski, J.T., Lapierre, M.A., & Linebarger D.L. (November 2011). Association between parenting style and children's media use. In N.A. Jennings (Chair), *Parenting, care giving, and media: Young children and their media environment.* Panel presented at the meeting of the National Communication Association, New Orleans, LA.
- Piotrowski, J.T., Lapierre, M.A., & Linebarger, D.L. (May 2011). *How American children spend their time: Media and other activities.* Paper presented at the annual meeting of the International Communication Association, Boston, MA.
- Vaala, S.E., McKnight, M.K. & Linebarger, D.L. (2011, May). *Content analysis of language-promoting strategies used in three samples of television programming for preschoolers.* Paper presented at the annual convention of the International Communication Association. Boston, MA.

- Linebarger, D. L., & Jennings, N. (2011, March). Access, use, content, and convergence across multiple media and characters. In S. M. Fisch (chair), *New directions in children's learning from media: Learning from multiple media platforms*. Paper symposium presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.
- Piotrowski, J.T., Jennings, N., & Linebarger, D.L. (2011, March). Extending the lessons of educational **television with young children**. In S.M. Fisch (Chair), *New directions in children's learning from media: Learning from multiple media platforms*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Montreal, QC Canada.
- Linebarger, D. L., Barr, R., Lapierre, M. A., & Piotrowski, J. T. (2011, March). *Predicting executive functioning skills from background television exposure*. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.
- Lapierre, M. A., Piotrowski, J. T., & Linebarger, D. L. (2011, April). *Doctor's orders: Assessing the relationship between pediatricians' media guidance and children's media use in American families*. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.
- Lapierre, M. A., Piotrowski, J. T., & Linebarger, D. L. (2011, April). *Investigating correlates of self-regulation in early childhood with a nationally representative sample of US families*. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Quebec.
- Linebarger, D. L. (2010, November). Panelist. In N. Jennings (chair), *Children, youth and media: Building bridges across academic and industry boundaries*. Panel discussion presented at the meeting of the National Communication Association, San Francisco, CA.
- Lapierre, M.L., Piotrowski, J.T., & Linebarger, D.L. (2010, November). *Measuring the home media environment of young children: Results from a nationally representative sample of American families*. Paper presented at the meeting of the National Communication Association, San Francisco, CA.
- Lapierre, M. L., & Linebarger, D. L. (2010, June). *Non-commercial commercials: Public television's underwriting messages and child consumers*. Paper presented at the Child and Teen Consumption conference, Norrkoping, Sweden.
- Linebarger, D. L. (2010, May). Do children living in low-income families benefit from using high-quality educational media? In B. Lovitts (Chair), *The ready to learn initiative: A 360-degree surround approach to enhancing early literacy skills*. Paper symposium presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Lapierre, M.A., Piotrowski, J.T. & Linebarger, D.L. (2010, April). Understanding the home media environment: Results from the Annenberg Survey of Children, Media, and Parenting Practices. In J.T. Piotrowski (Chair), *A window into children's media use: Results from a national parent survey*. Symposium conducted at the Conference on Human Development, New York City, NY.
- Piotrowski, J.T. Lapierre, M., & Linebarger, D.L. (2010, April). How young children spend their time. In J.T. Piotrowski (Chair), *A window into children's media use: Results from a national parent survey*. Symposium conducted at the Conference on Human Development, New York City, NY.
- Linebarger, D.L., Lapierre, M., & Piotrowski, J.T. (2010, April). The implications of background television exposure. In J.T. Piotrowski (Chair), *A window into children's media use: Results from a national parent survey*. Symposium conducted at the Conference on Human Development, New York City, NY.
- Garrity, K., Linebarger, D.L., Piotrowski, J.T., & Lapierre, M. (2010, April). The influence of the home literacy environment on children's language and literacy skills. Paper presented at the Conference on Human Development, New York City, NY.
- Linebarger, D.L., Lapierre, M., Vaala, S., Piotrowski, J.T., Barr, R. (2010, March). The implications of repeated exposure to background television on young children's executive functioning skills: Results from a national parent survey. In R. Barr (Chair), *Learning from media during childhood*.

- Symposium conducted at the Annual Meeting of the Eastern Psychological Association, New York City, NY.
- Fenstermacher et al., [Linebarger, D. L., 10<sup>th</sup> author]. (2010, March). *Conveying educational content to babies: how infant-directed programming aims to teach*. In H. Kirkorian & T. Pempek (Chairs). *The role of screen media in the lives of infants and toddlers*. Paper symposium presented at the International Society for Infant Studies, Baltimore, MD.
- Fenstermacher et al., [Linebarger, D. L., 10<sup>th</sup> author]. (2010, March). "Educational" media for infants: Does the content match the claims? Poster presented at the International Society for Infant Studies, Baltimore, MD.
- Vaala S. E., Barr, R. F., Fenstermacher, S. K., Brey, E., Salerno, K., Garcia, A., ... Linebarger, D. L. (2010, March). *Content analysis of language-promoting strategies in infant educational videos*. Poster presented at the annual meeting of the International Society for Infant Studies, Baltimore, MD.
- Evans, C., & Linebarger, D. L. (2010, March). *Bedtime media use: Linkages to infant sleep behaviors*. Poster presented at the International Society for Infant Studies, Baltimore, MD.
- Moses, A.M., Linebarger, D.L., McMenamin, K., Garrity, K. & Liss-Marino, T. (2009, December). *Vocabulary learning from an educational television program: Can children learn many new words and can print on screen help?* Poster session presented at the 59<sup>th</sup> annual meeting of the National Reading Conference, Albuquerque, NM.
- Linebarger, D.L., Piotrowski, J.T., & Lapierre, M. (2009, November). The relationship between media use and the language & literacy skills of young children: Results from a national parent survey. In M. Robb (chair), *Young children's patterns of media use and related outcomes as a function of economic and minority status*. Paper symposium presented at the annual meeting of the National Association for the Education of Young Children, Washington, DC.
- Fenstermacher, S., Barr, R., Linebarger, D. L., Pempek, T., Moses, A., Vaala, S., Ryan, M., Garcia, A., & Brey, L. (2009, May). Interactional modeling in infant-directed media. In E. Wartella (respondent), *Perspectives on Infant media: Lessons from the Children's Digital Media Center*. Paper symposium presented at the annual meeting of the International Communication Association, Chicago, IL.
- Vaala, S.E., Lapierre, M.A., & Linebarger, D.L. (May 2009). *Eye movements of children and adults reading onscreen print in educational programming*. Poster presented at the annual convention of the Association for Psychological Science, San Francisco, CA.
- Vaala, S.E., Barr, R.F., Garcia, A., Salerno, K., Brey, E., Pempek, T.A., Moses, A.M., Calvert, S.L. & Linebarger, D.L. (2009, April). *Content analysis of teaching strategies embedded in infant educational programming*. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Lapierre, M.A., Linebarger, D.L., & Vaala, S.E. (April 2009). *Eyes on Screen: The Effects of Age, Text Complexity and Movement on Children's Attention to On-screen Print*. Poster to be presented at biennial meeting of the Society for Research in Child Development, Denver, CO.
- Piotrowski, J.T., Vaala, S., & Linebarger, D.L. (2009, April). Can *Postcards from Buster* help inside the ELL classroom? Growth in receptive and productive vocabulary. Poster presented at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Fenstermacher, S., Brey, E., Salerno, K., Ryan, M., Huynh, H., Fiovorati, C., Garcia, A., Vaala, S.E., Calvert, S., Barr, R., Linebarger, D.L. (2009, March). *Educational content in infant-directed media products*. Paper presented at the Eastern Psychological Association, Pittsburgh, PA.
- Vaala, S.E., Lapierre, M.A., & Linebarger, D.L. (November 2008). *Complexity, Movement, and Text Familiarity: Correlates of Visual Attention to Onscreen Print*. Paper presented at annual convention of the National Communication Association, San Diego, CA.
- Lapierre, M.A., Vaala, S.E., Linebarger, D.L. (October 2008). *Tricking the Taste Buds: The Influence of Spokes-characters on Children's Assessment of Taste*. Paper presented at the annual convention of the American Public Health Association (top student paper, APHA)

- Piotrowski, J.T. & Linebarger, D.L. (2008, May). The impact of television narratives on the early literacy skills of preschoolers. Paper presented at the meeting of the International Communication Association, Montreal, Quebec, Canada.
- Sanders-Jackson, A. N., Cappella, J. N., Linebarger, D. L., Piotrowski, J. T., O'Keeffe, M. , Strasser, A., & Lerman, C. (2008, May). Addiction and eyes on screen: How smokers process smoking-related PSAs. Paper presented at the meeting of the International Communication Association, Montreal, Quebec, Canada.
- Barr, R., Salerno, K., Shuck, L., Atkinson, E., & Linebarger, D. L. (2008, March). *Background music interferes with imitation from televised and live demonstrations during infancy*. Paper presented at the International Society on Infant Studies. Vancouver, BC, Canada.
- Linebarger, D. L. (2007, November). Supporting language and literacy through media. In R. Lippincott (Chair), *Surprise! Media can teach: Opening your classroom to quality TV*. Paper symposium presented at the annual meeting of the NAEYC, Chicago, IL.
- Linebarger, D. L., & Wainwright, D. K. (2007, March). American Indian children, their home media and literacy environments, and their literacy abilities in relation to participation in a *Between the Lions* literacy intervention. In R. Barr (chair), *The context of media viewing: The influence of television on infants and preschoolers*. Paper symposium presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Linebarger, D. L. & Taylor-Piotrowski, J. L. (2007, March). Evaluating the educational potential of health interstitials with preschoolers. In D. L. Linebarger (chair), *Television, health, and children*. Paper symposium presented at the biennial meeting of meeting of the Society for Research in Child Development, Boston, MA.
- Linebarger, D. L. (chair) (2007, April). *Television, health, & children*. Paper symposium presented at the biennial meeting of meeting of the Society for Research in Child Development, Boston, MA.
- Piotrowski, J. T., & Linebarger, D. L. (2007, April). *Evaluating interactive media within the context of learning*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Linebarger, D. L., (2006, April). *Between the Lions: The evolution of a series via the research*. In K. Roskos (chair), *Children learning; teachers learning: Using media in pre-kindergarten and kindergarten literacy programs for higher levels of performance*. Paper symposium presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- Wainwright, D. K., & Linebarger, D. L. (2006, March). American Indian literacy initiative: Home media environment and relations to early literacy abilities. In R. Barr (chair) *Early learning in the social context of television*. Paper symposium presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD.
- Linebarger, D. L., & Walker, D. (2005, April). **Infants' and toddlers' video and on-air viewing and language development**. In K. Schmitt (chair), *The Effects of Television on Children 0-5*. Paper symposium conducted at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Chernin, A. R., & Linebarger, D. L. (2005, April). **The effects of active mediation on children's attention to and comprehension of television: An eye-tracking study**. Poster session presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Linebarger, D. L. (2005, March). **Infants' and toddlers' television use and language development**. Paper symposium conducted at the annual meeting of the Eastern Psychological Association, Boston, MA.
- Linebarger, D. L. (2004, November). Respondent. In L. Taylor (chair), *Youth and their media: What we know about children, adolescents and media*. Paper session presented at the annual meeting of the National Communication Association, Chicago, IL.

- Linebarger, D. L. (2004, November). Respondent. In N. Pecora (chair), **Children's television from around the world: PRIX JEUNESSE**. Paper session presented at the annual meeting of the National Communication Association, Chicago, IL.
- Linebarger, D. L. (2004, May). Respondent. In D. Bickham (chair), *Media use and children's activities: Issues concerning social, physical, and cognitive development*. Paper session presented at the annual meeting of the International Communication Association, New Orleans, LA.
- Linebarger, D. L. (2004, May). **Infants' and toddlers' television viewing and relations to language** outcomes. In V. Rideout (chair), *Electronic media in the lives of infants, toddlers & preschoolers*. Paper session presented at the annual meeting of the International Communication Association, New Orleans, LA.
- Walker, D., Harjusola-Webb, S., Small, C., Kirk, S., Bigelow, K., & Linebarger, D. (2003, October). *The quality of child care related to language development of infants and toddlers*. Paper presentation at the International Division of Early Childhood Conference, Washington, D.C.
- Walker, D., Linebarger, D., Bigelow, S., Harjusola-Webb, S., Small, C., & Kirk, S. (2003, September). *The quality of child care related to language development*. Poster presentation at the International Society on Early Intervention, Rome, Italy.
- Linebarger, D. L. & Gilman-Caplovitz, A. (2003, April). *Using captioned television and covieing strategies to improve literacy*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Linebarger, D. L. (2003, April). **Infants' and toddlers' television viewing and relations to language** outcomes. In S. Calvert (chair), *Children and media: A memorial to John Wright*. Paper symposium conducted at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Harjusola-Webb, S. M., Kirk, S., Linebarger, D. L., Walker, D., Small, C. J., & Bigelow, K. M. (2003, April). *Early care and education: The challenge of creating quality learning environments*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Haggerty, M., Stoia, J., Cerf, C., Sinclair, J., & Linebarger, D. L. (2003, February). *Between the Lions*. Panel session presented at the annual meeting of the PBS Ready to Learn Seminar, Baltimore, MD.
- Brantley, C., Stoia, J., Rath, L., Linebarger, D., Grace, C., Prince, D. (2002, November). *Get wild about reading--Between the Lions in the classroom: Research implications*. Seminar session presented at the annual meeting of the National Association for the Education of Young Children, NY, NY.
- Royer, S., Mark, M., & Linebarger, D. L. (2002, November). **Children's and parent's perceptions of technology. Paper presented at Sesame Workshop and Dell Chairman's Communications** Conference, NY, NY.
- Bigelow, K.M., Walker, D., Small, C.J., Harjusola-Webb, S.M., Kirk, S., & Linebarger, D.L. (2002, September). *Language and communication development for families reported for or at risk for maltreatment*. Paper presented at the 10<sup>th</sup> Oklahoma Conference on Child Abuse and Neglect and Healthy Families Oklahoma 2002, Norman, OK.
- Walker, D., & Linebarger, D. L. (2002, April). *The quality of caregiving interactions experienced by infants and toddlers in group care*. Poster session presented at the biennial meeting of the International Conference on Infant Studies (ICIS), Toronto, ON.
- Linebarger, D. L., & Walker, D. (2002, February). Modeling communication growth curves using HLM. In D. Walker (chair), *Identifying elements of quality services within inclusive early childhood settings and the impact on child outcomes*. Paper symposium presented at the annual meeting of the Conference for Research Innovations in Early Intervention, San Diego, CA.
- Walker, D., & Linebarger, D. L. (2002, February). Conditional probability analysis and CG-child interaction. In D. Walker (chair), *Identifying elements of quality services within inclusive early childhood settings and the impact on child outcomes*. Paper presented at the annual meeting of the Conference for Research Innovations in Early Intervention, San Diego, CA.

- Walker, D., & Linebarger, D. L. (2002, February). *The quality of infant child care related to language development*. Poster session presented at the annual meeting of the Conference for Research Innovations in Early Intervention, San Diego, CA.
- Linebarger, D. L., & Wright, J. C. (2001, July). *Captioned television and coviewing strategies*. Poster session presented at the annual Project Director's Meeting of the Office of Special Education Projects, US Department of Education, Washington DC.
- Linebarger, D. L., Doku, N. S., Larsen, R., Kosanic, A., & Eskrootchi, P. (2001, April). *Summative evaluation of Between the Lions: A new educational TV show for young children*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.
- Walker, D., Linebarger, D. L., Bigelow, K. M., Harjusola-Webb, S., Small, C., & Rodriques, D. (2001, April). *Language interactions related to quality of infant child care*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.
- Linebarger, D. L. & Walker, D. (2000, December). *Beacons of Excellence in the Communication of Young Children*. Poster session presented at the annual meeting of the Council for Exception Children, Division of Early Childhood, Albuquerque, NM.
- Linebarger, D. L. (2000, October). *Literacy and the media*. **Invited presentation given at the Governor's Conference on Child Abuse and Neglect**, Topeka, KS.
- Walker, D., & Linebarger, D. L. (2000, April). *Child care quality and language development*. Poster session presented at the annual meeting of the Conference for Research Innovations in Early Intervention, San Diego, CA.
- Walker, D., Luze, G., Linebarger, D. L., Carta, J. J., & Greenwood, C. R. (1999, December). *Measuring growth and development of infants and toddlers for the 21<sup>st</sup> century*. Paper presented at the annual meeting of the Council for Exception Children, Division of Early Childhood, Washington DC.
- Linebarger, D. L. (1999, April). *Learning to read from television: The effects of captions and narration*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM.
- Linebarger, D. L., Schmitt, K. L., & Collins, P. A. (1999, April). *Self image: Media exposure, role model preference, and body image*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM.
- Carta, J. J., Leitschuh, C. A., Luze, G. J., Walker, D. Greenwood, C. R., Linebarger, D. L., Parsley, K., & Purnell, T. B. (1999, April). *Preliminary investigation of a new approach to measuring early development in expressive communication*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Albuquerque, NM.
- Collins, P. A., Wright, J. C., Anderson, D. R., Huston, A. C., Schmitt, K. L., McElroy, E. S., & Linebarger, D. L. (1997, April). Effects of early childhood media use on adolescent achievement. In J. C. Wright (chair), *The long-term effects of television viewing*. Paper Symposium conducted at the meeting of the Society for Research in Child Development, Washington DC.
- Huston, A. C., Anderson, D. R., Wright, J. W., Collins, P. A., Linebarger, D. L., & Schmitt, K. L. (1997, April). Early exposure to television violence as a predictor of adolescent aggression and achievement. In J. C. Wright (chair), *The long-term effects of television viewing*. Paper Symposium conducted at the meeting of the Society for Research in Child Development, Washington DC.
- Schmitt, K. L., Linebarger, D. L., & Collins, P. A. (1997, April). *Effects of preschool television viewing on adolescent creative thinking and behavior*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Washington DC.

### *Other Presentations*

- Lay, V., & Nichols, D. (2019, July). *Becoming an employer of choice*. Presentation given as part of the Urban Leader Fellowship experience to the Mayor's Office and other business entities. Indianapolis,

IN.

### *Courses Taught Across All Institutions*

- Purdue University: Child Development (HDFS 31100, UG), Media and Children (HDFS, G), Research Methods (HDFS 34600, UG), Special Topics: Childhood; Trauma across the Lifespan (HDFS 390, UG), Grant Writing (HDFS, G), Data Science and Analytics (NSWC Crane/Cranfield University/Purdue Partnership, G)
- University of Iowa: Language and Learning (7s182, UG); Children and the Media (7e308, G), Advanced Quantitative Methods and Statistics (7e340, G); Genre, Text, and Comprehension (7s415, G), Introduction to Educational Research (7s150, G), Grant and Proposal Writing (7s415, G); Developmental Psychology (7p106, UG, 7p206, G)
- University of Pennsylvania – Regular Courses: Children and Media (COMM 225/45, UG, G); Childhood and Play (COMM 224, UG); Research with Children and Families (COMM 308, UG); Children and Media: Cognitive Development (COMM 408/808, UG, G); Evaluation Techniques: Children and Media (COMM 645, G) Genre, Media Texts, and Comprehension (COMM 800, G)
- University of Pennsylvania – Other Courses: Multiple independent study projects focused on research, children, and media (UG, G); Senior Honors Theses (UG); Grant Writing Workshop (two week summer course, G)
- University of Kansas: Studying Children and Adolescents in the School (PRE 200, UG); Advanced Educational Psychology: The Development and Education of the Child (PRE 702, G); Understanding Research in Education (PRE 715; quantitative and qualitative methods, G)
- Other Courses: Statistics (Kirkwood Community College); Developmentally Appropriate Practice and NAEYC Accreditation (Child Care Providers); GED Instruction (Adult Students)

### *Student Mentoring While at Purdue University (2015 – present)*

#### *Mentored Graduate Students at Purdue University*

- Muqing Liu
  - Ph.D. Committee Member
- Geurim Kim
  - Comprehensive Committee Member (Fall 2021)
  - Ph.D. Committee Member
- Emily Rolan
  - Masters Committee Member (2017). *Siblings and parent differential treatment*.
  - Directed Research Project (2018)
    - Rolan, E. P., Schmitt, S., Purpura, D., Nichols Linebarger, D.L. (2018). Sibling presence, executive function and the role of parenting. *Infant and Child Development*, doi:10.1002/icd.2091
- Carly Evitch
  - Directed Research Project (2016)
    - Evich, C., Jones, B., & Nichols Linebarger, D. L. (2016, October). *Examining associations between television, sleep duration, and executive functioning across childhood*. Poster presented at the **Society for Research in Child Development's Special Topic Meeting: Technology and Media in Children's Development**, Irvine, CA.
- Yemimah King
  - Directed Research Project (2019-2020)

- King<sup>\*g</sup>, Y., Dore<sup>p</sup>, R., Puttre<sup>g</sup>, H., Foster<sup>g</sup>, L., Golinkoff, R. M., & Nichols, D. L. (2019, **March**). **Children's story comprehension from book reading over video chat**. *Poster presented at the biennial meeting of the Society for Research in Child Development*, Baltimore, MD.
- Morano<sup>\*g</sup>, C., Puttre<sup>g</sup>, H., King<sup>g</sup>, Y., Dore<sup>p</sup>, R., Nichols, D., Hirsh-Pasek, K., & Golinkoff, R. (2019, October). *Read to me: Prerecorded, video chat, and in-person reading are related to similar vocabulary and comprehension outcomes in preschoolers*. Poster to be presented at the biennial meeting of the Cognitive Development Society, Louisville, KY.
- Gaudreau<sup>\*p</sup>, C., King<sup>\*g</sup>, Y. A., Dore<sup>\*p</sup>, R. A., Puttre<sup>g</sup>, H., Nichols, D., Hirsh-Pasek, K., & Golinkoff, R. M. (2020). Preschoolers benefit equally from video chat, pseudo-contingent video, and live book reading: implications for storytime during the Coronavirus pandemic and beyond. *Frontiers in Psychology*, 11, 2158.

#### *Mentored Graduate Students from Other Institutions*

- Courtney Chandler (Ph.D., May 2022). *The interrelationship of organizational culture and faculty governance: a case study of two research universities and their response to the COVID-19 pandemic*. Committee Member, University of Pennsylvania.
- Ted Neal (Ph.D., 2017). *The impact of argument-based learning environments on early learners' multimodal representations*. Co-Chair with Brian Hand, University of Iowa.
- Alexander Finger (Ph.D., 2021). *iPads and plant identification*. Committee Member, Martin Luther University of Halle-Wittenberg, Germany.
- Nurcan Keles (Ph.D., 2016). *Investigating the effect of science writing heuristic approach on students' learning of multimodal representations across 4th to 8th grade levels*. Committee Member, University of Iowa.
- Kyungwoon Seo (Ph.D., 2016). *Representation as a language of scientific practice: exploring students' views on the use of representation and the linkage to understanding of scientific models*. Committee Member, University of Iowa.

#### *Mentored Undergraduate Students at Purdue University*

- Garrett Price (BS, expected May 2023). *Risk factors for infant mortality: Predicting the prevalence of R95, R99, and W75 causes of death\* using social determinants of health*. [\*R95 = SIDS; R99 = SUID; W75 = Accidental Suffocation and Strangulation in Bed]
- Marguerite Hocker (BS, expected May 2023). *TikTok, nostalgia, and social connectedness*. Capstone Thesis
- Georgia Miller (BS, May 2021). *The role of social media in celebrity endorsements*. Capstone Thesis.
- Ralph McCoy (BS, May 2017). *Parenting styles, parenting practices, and media use in tweens*. Capstone Thesis.
- Emma Giron (BS, May 2017). *Siblings teaching adaptive skills*. Capstone Thesis.
- 15 additional undergraduates have taken research credit hours or worked in my research lab at Purdue.

#### *Student Mentoring While at Other Institutions (2004 - 2014)*

#### *Post-Doctoral Fellowship Mentor*



- Annie Moses, Ph.D. (May 2008, Michigan State University); Assistant Professor, John Carroll University

*As Chair/Co-Chair: Theses and Dissertation Titles*

- Niphon Chanlen (Ph.D., 2013). *Longitudinal analysis of standardized test scores of students in the science writing heuristic approach*. Co-Chair with Brian Hand, University of Iowa.
- Jessica Taylor Piotrowski (Ph.D., 2010). *Considering the roles that viewer characteristics, stimuli features, and contextual expectations play on young children's television comprehension*. Chair, University of Pennsylvania.
- Deborah K. Wainwright (Ph.D., 2010). *The role of parental efficacy in the use of television as a parenting tool*. Chair, University of Pennsylvania.
- Kara Garrity (A.M., 2010). *Parental perception of responsibility in reaction to the rise of children's educational television*. Chair, University of Pennsylvania.
- Jessica T. Piotrowski (A.M., 2006). *Preschoolers & age appropriate television: Understanding the influence of childcare usage in the context of the television lineup*. Chair, University of Pennsylvania.

*As Committee Member/Reader: Theses and Dissertation Titles*

- Erin Schryer (Ph.D., 2014). *Effects of an animated book reading intervention (ABRI) on emergent literacy skill development*. Reader, University of New Brunswick, Canada
- Matt Lapierre (Ph.D., 2013). *Executive function, theory of mind, and persuasive intent: Are these skills better predictors of children's reactions to advertising than knowledge of persuasive intent?* [was chair; left Penn before Matt finished] Committee Member, University of Pennsylvania.
- Sarah E. Vaala (Ph.D., 2011). *Teacher, babysitter, or unavoidable? The influence of family structure, mothers' regulatory focus, and early childhood development beliefs on mothers' use of screen media with infants and toddlers*. [co-chair; left Penn before Sarah finished] Committee Member, University of Pennsylvania.
- **Moira O'Keeffe (Ph.D., 2010)**. *Scientists and the role of science fiction in career choice*. Committee Member, University of Pennsylvania.
- Ariel Chernin (Ph.D., 2007). *The relationship between children's knowledge of persuasive intent and persuasion: The case of televised food marketing*. Committee Member, University of Pennsylvania.
- Kim Wolfe (Ph.D., 2009). *Children, parents, and prosocial television for children: Accounting for viewing and looking effects*. Committee Member, University of Pennsylvania.
- Allison Gillman Caplovitz (Ph.D., 2006). *The effects of using an electronic talking book on the emergent literacy skills of preschool children*. Committee Member, University of Texas at Austin.

*Undergraduate Research Supervision via Fellowships and Senior Honors Theses*

- Andrew Fagersten (Summer 2012). *Understanding the development of perceptions of educators in parents and young children*. University of Iowa Center for Research by Undergraduates (ICRU) Fellowship.
- Christina Valle (Fall 2012). *Neighborhood-level learning supports for adolescents*. University of Iowa Center for Research by Undergraduates (ICRU) Fellowship. [Selected for presentation at the State of Iowa Undergraduate Research Festival]

- Rachel Hunter (2009). *Autism spectrum disorders & media-facilitated social learning: A single subject evaluation of video modeling*. University of Pennsylvania Undergraduate Senior Honors Thesis.
- Gillian Levinson (2008). *Educational television and emergent literacy: A pilot study of the effects of exposure to televised rhyming music on preschool children's phonological awareness*. University of Pennsylvania Undergraduate Senior Honors Thesis.
- Vanessa Friedman (2005). *Adopted non-English speaking toddlers' pre-linguistic and linguistic communication interactions with media*. University of Pennsylvania Undergraduate Senior Honors Thesis. [Best UPenn/Annenberg UG Senior Honors Thesis]
- Callie Kant (2005). *The impact of flow featured on television in preschool children: A content analysis*. University of Pennsylvania Undergraduate Senior Honors Thesis. [Ranked 2<sup>nd</sup> UPenn/Annenberg UG Senior Honors Thesis/Honorable Mention]
- Michelle Tolkin (2005). *Gender representations in children's television commercials: A content analysis and experimental manipulation*. University of Pennsylvania Undergraduate Senior Honors Thesis.
- Alexander Eifler (2004). *Video games, violence, and graphical realism: Relationships between use, aggression, addiction, and prosocial behavior*. University of Pennsylvania Undergraduate Senior Honors Thesis.
- Jessica L. Taylor (2004). *Understanding the effects of socioeconomic status upon learning after repeated exposure to a single episode of Dora the Explorer*. University of Pennsylvania Undergraduate Senior Honors Thesis. [Best UPenn/Annenberg UG Senior Honors Thesis]

### *Service to the Department, College, and Institution*

#### *Purdue University – Department of Human Development and Family Science*

- Member, Digital Instruction Committee (2022 - )
- Member, HDFS Early Childhood and Exceptional Needs Faculty Search Committee (2022 -2023, successful search)
- Member, Graduate Studies Committee (2015 - 2018)
  - Chair, Prospective Students Day (2017)
  - Chair, Admissions Review (2018)
- Member, Methodology Core (2017 - 2019)
- Member, Undergraduate Studies Committee (2018 - 2020): Honors Sub-Committee (2018 - 2020)
- Member, HDFS Department Head Search Committee (Fall 2019/Spring 2020, successful search)
- Member, HDFS Early Childhood STEM Faculty Search Committee (2020 – 2021, successful search)

#### *Purdue University – College of Health and Human Sciences*

- Health & Human Services Research Advisory Council (2016 - 2017)
- Undergraduate HDFS Honors Representative (2018 - 2019)

#### *Purdue University – University Committees*

- Purdue University | University Senate
  - Faculty Senator (2016 - )
  - Faculty Affairs Committee (2017 - 2019)
    - Chair, Faculty Affairs Committee (2018 - 2019)

- Member, Faculty Compensation and Benefits Committee (2017 - 2019)
  - Purdue Global Senate Select Committee (2017 - 2019)
    - Co-Chair, Purdue Global Senate Select Committee (2017 - 2019)
  - Senate Advisory Committee to President Daniels (2018 - 2022)
    - Chair, Advisory Committee (2020 - 2021)
  - Vice Chair, University Senate (2019 - 2020)
  - Member, University Policy Committee (2019 - 2020)
  - Steering Committee (2019 - 2021)
    - Chair, Steering Committee (2019 - 2020)
  - Chair, University Senate (2020 - 2021)
  - Member, Protect Purdue Leadership Group (2020 - 2021)
  - Ex-Officio Member, Purdue University Board of Trustees, Academic and Student Affairs Committee (2020 - 2021)
  - Member, Executive Policy Review Group (2020 - 2021)
  - Immediate Past Chair, University Senate (2021 - 2022)
- Member, Associate Vice Provost for Faculty Affairs Search Committee (Fall 2019, successful search)
- Chair, Secretary of Faculties Search Committee (Fall 2019, successful search)
- Steering Committee Member, Purdue University Board of Trustees Equity Task Force (2020 - 2021)
  - Member, Communications Strategy and Key Messages Review Sub-Committee (2020 - 2021)
  - Member, Data Set Sub-Committee (2020 - 2021)
- Moderator, University Senate Town Halls (Summer 2020)
- Member, Intercampus Faculty Council (2021 - 2022)
- Member, COACHE Survey Development Committee (2021 - 2022)
- Member, Faculty Lounge Development Committee (2021)
- Chair, Shared Governance Task Force (2020 - 2023)
  - Co-Chair Structural Working Group (2021 - 2023)

*University of Iowa - Department of Teaching & Learning*

- Teaching & Learning, math content area search committee (2012 - 2013)
- Teaching & Learning, science content area search committee (2013 - 2014)
- Early childhood licensure committee (2012 - 2015)

*University of Iowa - College of Education*

- Undergraduate Admissions (2011 - 2015)
- Early Childhood Cluster Hire (2011)
- Collegiate Teaching Award Committee (2012)
- Space committee (2014 - 2015)
- Ideation 2.0 (2014 - )
- Strategic Priority 2 - Research Implementation committee (2013 - 2015)
- College Research Requirements committee (2014 - 2015)

*University of Iowa - University Committees*

- Get Ready Iowa! Steering Committee (2011 - 2015)
- iDevelop Cluster Hire (2011 - 2012)
- DeLTA Center (2011 - 2015)

- College faculty representative, Deloitte Consulting & State of Iowa Regents Board Efficiency Study (2014)

*University of Pennsylvania – Annenberg School (no departments in this school)*

- Graduate Studies (2003-2007; 2009-2010)
- Space (2003-present)
- Sexual Harassment Officer (2003-2004)

*University of Pennsylvania – University Committees*

- Committee on the Quality of Student Life (2004–2005)
- Provost Research Council (2005 – 2011)
- University Committee on Campus & Community Life (2006 – 2008)
- University Council Sub-Committee on Public Safety and Communication (2007 – 2008)

*Service to the Profession*

- Editorial Board Member, *Children* (2022 – )
- Society for Research in Child Development Biennial Meeting Review Panel Co-Chair, Review Panel 24. Technology, Media, & Child Development (2022 – 2023)
- Expert Consultant, SBIR Phase 1 Grant working with Benten Technologies (2020 – present).
  - *Mini-ME - an innovative and fun, early childhood obesity prevention program for African American girls.*
  - *Kukua – STEM participation by Black girls.*
- Advisory Board Member, NSF, PI: Rebecca Dore | Co-PI (2020 – present): Roberta Golinkoff. *Characteristics of media use and linguistic trajectories during early childhood.*
- Ad hoc Journal Reviewer (multiple years): *Child Development*; *Journal of Educational Psychology*; *Human Communication Research*; *Topics in Early Childhood Special Education*; *Developmental Psychology*; *Media Psychology*; *American Sociological Review*; *Child: Care, Health, and Development*; *British Journal of Developmental Psychology*; *Infancy*; *Journal of Children and Media*; *Journal of Research in Reading*; *Preventive Medicine*; *Infant and Child Development*, *Archives of Adolescent & Pediatric Medicine*; *Pediatrics*; *Journal of Consumer Affairs*; *Journal of Early Intervention*, *Psychology of Popular Media Culture*
- Grant/Fellowship Reviewer (multiple years): John D. Templeton Foundation, McNair Scholars, Israeli Science Foundation
- Conference Paper Reviewer (multiple years): Society for Research in Child Development - Panel 22: Contexts of Childhood Development; International Communication Association – Instructional/Developmental Division, Children, Adolescents, and Media Division
- **Member, American Psychological Association’s Division 46 (Media Psychology) News Media, Public Policy, and Public Education committee (2014 - 2020)**
- Journal Guest Editor (2010): *Infant and Child Development*
- International Communication Association, Children, Adolescents, and Media Division, Roundtable Selection Chair (2010, June)
- Society for Research in Child Development Task Force on Interdisciplinary Research (2006 –2007)

*Advisory and Executive Boards*

- Turn on the Subtitles Academic Advisory Panel (2019 - ). See <https://turnonthesubtitles.org/our-expert-panels/>

- Get Ready Iowa! Executive Board (2012 – 2015)
- Walt Disney Scholars Advisory Board (2010 – 2012) 2006
- Captions for Literacy (2008 – present)
- PBS KIDS Next Generation Media Advisory Board (2006 – 2017)
- College of Education, University of Iowa Teacher Leader Center (2012 – 2015)
- Reading Rainbow Advisory Board (2006 – 2008)

### *Consultancies and Other Professional Roles*

- Chief Data Scientist for and Consultant to SandwYch Inc, (2022 – present)
  - Role: Engineering, researching, and validating psychological and behavioral data for use in a mHealth app supporting informal caregivers
  - Provisional Patent application filed, based on novel use of psychological and behavioral data to construct AI algorithms for mHealth app, December 2022
  - SBIR Phase 1 Grant Submission, *SandwYch: A mHealth app for informal caregivers caring for those with Alzheimer's Disease and Related Dementias (AD/ADRD)* [submitted 5 January 2023]
  - SBIR Phase 1 Grant, *SandwYch: A mHealth app for informal caregivers caring for those with Autism Spectrum Disorder* [submission due April 2023]
- Expert Consultant, Mini-ME, Child Obesity prevention for African American girls (2021 - )
- Expert Consultant, Kukua: STEM Education for Black Girls (2021 - )
- Expert Content Consultant, Campaign for Closed Captions, UK (2019 - )
- Expert Content Consultant, Read On Get On Campaign, National Literacy Trust, UK (2016)
- Expert Research Consultant, Iowa Public TV, (2014 – 2015)
- Expert Educational Media Consultant, JRI International/USAID (2011)
- Consulted Regarding Use of Captions for Literacy, Senator Al **Franken's Office** (2010-2011)
- Expert Educational Media Consultant, World Bank, Africa Early Childhood Initiative (2010)
- Expert Educational Media Consultant, Pakistan Educational Media Consortium (2010)
- Expert Educational Media Consultant, PBSKids Sprout (2009 – 2010)
- Provided feedback on new infant literacy product, *LeapFrog, Inc.*, New York (2006)
- Content Advisor, *E.B.'s Adventures*, Stephen Gass Productions | Sony, New York (2004 – 2010); credited
- Consultant, *Hypothesis Group, Children's Television Programs*, New York (2004)
- Content Advisor, *Higglytown Heroes*, Disney/Wild Brain, New York (2003 – 2009); credited
- Research Advisor/Statistician, *Between the Lions* Multimedia Project; WGBH Educational Foundation, Boston, MA & Sirius Thinking, Ltd., New York City (2000 – 2006).
- Curriculum Advisor, Season 34, Sesame Workshop, New York, NY (2002).
- Research/Content Advisor, KCPT Public Television Station (Kansas City, MO; 2001 - 2005)
- Research Consultant, *Dora the Explorer*, Nickelodeon Television; NY, NY (2001 – 2002).
- Educational Consultant, Child Care Accreditation Project; KC, KS (1998 – 2001).

### *Non-Academic Community Service Activities*

- American Red Cross Board of Directors, Central Indiana Chapter (2019 - )
  - Vice Chair (2019 - )
  - Member, Service Delivery Committee (2020 - )
- American Red Cross Disaster Action Team for Central Indiana (2019 - 2021)
- Statistical Consultant, Builders Association of Greater Lafayette (2019 - 2020)

- EdSurge Forum | COVID-19 Podcast Diaries Faculty Participant (2020 – 2021). Available at <https://www.edsurge.com/research/guides/pandemic-campus-diaries-a-podcast-series>

### *Research and Statistical Skills*

- Research Methods: Correlation, Experiments, A/B Testing, Longitudinal, Single-Subject, Formative/Summative, Survey, Interview, Direct Assessment, Observations, Focus Groups, Content Analysis, Behavioral Coding, Meta-Analysis, Usability/Likeability, Policy Analysis
- Statistical Approaches: Growth Curve Modeling, Multilevel Modeling, Structural Equation Modeling, Path Analysis, ANOVA, Regression (multivariate, logistic, Poisson), Factor Analysis, Nonparametric Statistics, Propensity Score Matching, Latent Profile/Class Analysis, Other Predictive and Explanatory Modeling Techniques
- Data Science Skills: Data Visualization and Communication, Data Wrangling, Machine Learning, Statistical Modeling, Data Intuition, Natural Language Processing
- Software: SPSS, Stata, HLM, R, Python, Mplus, Microsoft Office, Concordance, LIWC-22

*Popular Press (selected since 2002)*

- Print: New York Times, Washington Post, **Nature**, **Parents Magazine**, **Women's World Magazine**, Newsweek, New Scientist, Philadelphia Daily News, Los Angeles Times, Christian Science Monitor, Des Moines Register, Iowa City Press-Citizen, Lafayette Journal and Courier, Wall Street Journal, USA Today, US News & World Report, Terre Haute Tribune Star
- Web: MedPage Today, WebMD, Reading Today, Huffington Post, NY Times online video, Wall Street Journal online video, Bloomberg, Science Daily, Science 2.0/SBS Television (Australia), Chronicle of Higher Education
- Television: Today Show, Philly Live, Local news affiliates (Kansas City, Philadelphia, Iowa, Lafayette, IN), Art Fennell Reports, CNN
- Radio: NPR program Radio Times with Marty Moss Coane, Talk of Iowa, River to River on Iowa Public Radio, SiriusXM Doctor Radio – About Our Kids, Knowledge@Wharton (Sirius XM/Business Channel)
- Podcasts/Webinars: EdSurge Podcast, Reading Rockets Webinar, Campaign for Grade Level Reading Webinar

*Academic References*

Dr. Aletha C. Huston (my graduate school advisor)  
Priscilla Pond Flawn Regents Emeritus Professor of Child Development  
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