

# CURRICULUM VITAE

## John Colombo

### Personal Information and Contacts

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University of Kansas Medical Center (913) 588-5743

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Lawrence, KS 66044 (785) 865-5582

### Education and Professional Training

1977 B.A., Psychology and Sociology. State University of New York at Buffalo,  
Buffalo/Amherst, New York

1979 M.A., Developmental Psychology. State University of New York at Buffalo,  
Buffalo/Amherst, New York

1981 Ph.D., Developmental Psychology. State University of New York at Buffalo,  
Buffalo/Amherst, New York

1982 PHS (NIH) Postdoctoral Trainee, Bureau of Child Research. University of Kansas,  
Lawrence, Kansas

## Academic and Research Interests

Developmental cognitive neuroscience  
Individual differences in cognition in infancy and early childhood  
Developmental systems theory  
Developmental research methods and quantitative methods  
Nutrition and cognitive development

## Academic Positions

### Major Positions

1981-1982      Instructor, Department of Psychology, Youngstown State University  
1982 (summer)      University Research Professorship

1982-1985      PHS Postdoctoral Trainee, Bureau of Child Research, University of Kansas,  
Lawrence, Kansas

1985-1988      Research Associate and Assistant Scientist, Bureau of Child Research,  
University of Kansas, Lawrence, Kansas

1988-2001      Department of Human Development and Family Life, The University of Kansas.  
1982-1987      Research Associate and Courtesy Assistant Professor  
1988-1991      Assistant Professor  
1992-1996      Associate Professor  
1996-2001      Graduate Director  
1997-2001      Professor

2001-2004      Associate Dean of the Graduate School, The University of Kansas

2002-      Department of Psychology, The University of Kansas  
2002-present      Professor  
2004-present      Co-Director, Developmental Graduate Program  
2005-present      Graduate Director  
2005-2006      Acting Chairperson

2004-present      Associate Director for Cognitive Neuroscience, Schiefelbusch Institute for Life  
Span Studies, The University of Kansas  
2005-2006, on leave

### Other Positions/Titles

1977-1982      Graduate Research/Teaching Assistant, Department of Psychology, State  
University of New York at Buffalo  
1979-1981      Part-Time Faculty, Canisius College, Buffalo, New York.

1980-1981 Part-Time Faculty, Department of Psychology, Niagara University, Niagara Falls, New York

1990-present Graduate Faculty Member, University of Kansas

1989-1991 Courtesy Assistant Professor of Psychology, The University of Kansas

1991-1996 Courtesy Associate Professor of Psychology, The University of Kansas

1993-present Faculty Chair, Institutional Review Board, University of Kansas Lawrence Campus

1996-2001 Courtesy Professor of Psychology, The University of Kansas

1989-1995 Director, Communications and Graphics Core, Mental Retardation Research Center, Schiefelbusch Institute of Life Span Studies, The University of Kansas

1995-2001 Graduate Director, Human Development and Family Life, The University of Kansas

1996-2000 Co-Director, Technology Enhancement Core, Mental Retardation Research Center, Schiefelbusch Institute of Life Span Studies, The University of Kansas

1990-present Participating Faculty, Child Language Doctoral Program, The University of Kansas

1998-2003 Participating Faculty, Interdisciplinary Training Grant in Mental Retardation/Developmental Disabilities

1998 Professor/Faculty Liaison, Human Biology Program, University of Kansas

2000-present Professor/Participating Faculty, Neuroscience Doctoral Program, University of Kansas/University of Kansas Medical Center.

2002-2003 Courtesy Professor, Human Development and Family Life

2002-2007 Director, Participant and Recruitment Core, Center for Behavioral Neuroscience in Speech and Communication Disorders

2003 Visiting Scholar, Department of Psychology, University of South Carolina

### **Courses Taught**

#### **Undergraduate**

Research Methods in Psychology  
 Developmental Psychology  
 Infant Behavior and Development  
 Cognitive Development  
 Introductory Psychology  
 Cognitive Psychology

#### **Graduate**

Advanced Developmental Psychology  
 Attention, Perception, and Learning in Infancy  
 Design and Analysis for Developmental Research  
 Cognitive Development  
 Biobehavioral Plasticity and Development  
 Developmental Theory: History and Systems  
 Neuropsychology of Individual Differences  
 Developmental Cognitive Neuroscience

*Student evaluations for most of these courses are available upon request*

## Publications

### Books and Monographs

- Colombo, J., and Fagen, J. W. (Eds.) (1990). *Individual differences in infancy: Reliability, stability, and prediction*. Hillsdale, NJ: Lawrence Erlbaum and Associates.
- Horowitz, F. D., & Colombo, J. (Eds.) (1990). *Infancy research: A summative look and directions for the future*. (A special issue of the *Merrill-Palmer Quarterly*) Detroit, MI: Wayne State University Press.
- Colombo, J. (1993). *Infant cognition: Predicting later intellectual functioning*. Newbury Park, CA: Sage Publications, Inc.
- Coldren, J.T. & Colombo, J. (1994). The nature and processes of preverbal learning: Implications from nine-month-old infants' discrimination problem solving. *Monographs of the Society for Research in Child Development*, 59(4, Whole No. 249). (PMID: 7997251)
- Colombo, J., McCardle, P., & Freund, L. (Eds.) (2007, in press). *Infant pathways to language: Methods, models, and research directions*. Mahwah, NJ: Lawrence Erlbaum and Associates.

### Journal Articles<sup>a</sup>

- Meacham, J. A., and Colombo, J. (1979). External cues facilitate prospective remembering in 5- and 7-year-olds. *Journal of Educational Research*, 3, 299-301.
- Colombo, J., and Bundy, R.S. (1981). A method for the measurement of infant auditory selectivity. *Infant Behavior and Development*, 4, 229-231.
- Bundy, R. S., Colombo, J., and Singer, J. T. (1982). Pitch perception in infancy. *Developmental Psychology*, 18, 10-14.
- Colombo, J. (1982). The critical period concept: Research, methodology, and conceptual issues. *Psychological Bulletin*, 92, 260-275. (PMID: 7071261)
- Colombo, J., and Bundy, R. S. (1983). Infant response to auditory familiarity and novelty. *Infant Behavior and Development*, 6, 305-311.
- Colombo, J., Laurie, C. A., Martelli, T. A., and Hartig, B. R. (1984). Stimulus context and infant orientation discrimination. *Journal of Experimental Child Psychology*, 37, 576-586. (PMID: 6747549)

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<sup>a</sup>Note: shared superscripts indicate shared primary authorship

- Colombo, J., and Horowitz, F. D. (1985). A parametric study of the infant control procedure. *Infant Behavior and Development*, 8, 117-121.
- Colombo, J. (1985). Infant attention to spectral complexity. *Journal of Genetic Psychology*, 146, 519-522. (PMID: 3835230)
- Colombo, J., and Horowitz, F. D. (1986). Infants' attentional responses to frequency modulated sweeps. *Child Development*, 57, 287-291. (PMID: 3956313)
- Colombo<sup>a</sup>, J., O'Brien<sup>a</sup>, M., Mitchell, D. W., and Horowitz, F. D. (1986). Stimulus salience and relational processing. *Infant Behavior and Development*, 9, 377-380.
- Colombo, J., Mitchell, D. W., O'Brien, M., and Horowitz, F. D. (1987). Stability of infant visual habituation during the first year. *Child Development*, 58, 474-489. (PMID: 3829788)
- Colombo, J., Mitchell, D. W., O'Brien, M., and Horowitz, F. D. (1987). Stimulus and motoric influences on visual habituation at three months. *Infant Behavior and Development*, 10, 173-181.
- Colombo<sup>a</sup>, J., O'Brien<sup>a</sup>, M., Mitchell, D. W., Roberts, K. R., and Horowitz, F. D. (1987). A lower boundary for visual categorization in preverbal infants. *Journal of Child Language*, 14, 383-385. (PMID: 3611249)
- Colombo, J., and Horowitz, F. D. (1987). Behavioral state as a lead variable in neonatal research. *Merrill-Palmer Quarterly of Behavioral Development*, 33, 423-438.  
This article reprinted in: S. Chess, A. Thomas, & M. Hertzog (Eds., 1988), *Annual progress in child psychiatry and child development* (pp. 128-141). New York: Basic Books.
- Zheng, S.-Y., Colombo, J., and Horowitz, F. D. (1988). Psychological development of the only child: Implications for the Chinese single-child policy. *Journal of Practical Pediatrics* (Beijing, China), 5, 271-272.
- Colombo, J., and Mitchell, D. W. (1988). Infant visual habituation: In defense of an information-processing analysis. *European Bulletin of Cognitive Psychology/Cahiers de Psychologie Cognitive*, 8, 455-461.
- Colombo, J., Mitchell, D. W., and Horowitz, F. D. (1988). Infant visual behavior in the paired-comparison paradigm: Test-retest and attention-performance relations. *Child Development*, 59, 1198-1210. (PMID: 3168636)
- Moss, M. M., Colombo, J., Mitchell, D. W., and Horowitz, F. D. (1988). Neonatal behavioral organization and 3-month visual discrimination. *Child Development*, 59, 1211-1220. (PMID: 3168637)

- Zheng, S.-Y., and Colombo, J. (1989). Gender differences, family configuration, and preschool social participation. *Journal of Genetic Psychology, 150*, 45-50.
- Colombo<sup>a</sup>, J., Moss<sup>a</sup>, M. M., and Horowitz, F. D. (1989). Neonatal state profiles: Reliability and short-term prediction of neurobehavioral status. *Child Development, 60*, 1102-1110. (PMID: 2805889).
- Bundy, R. S., Colombo, J., and Warnick-Yarmel, P. (1989). Association learning and pitch perception. *Bulletin of the Psychonomic Society, 27*, 234-236.
- Colombo, J., Mitchell, D. W., Dodd, J. D., Coldren, J. T., and Horowitz, F. D. (1989). Longitudinal correlates of infant attention in the paired comparison paradigm. *Intelligence, 13*, 33-42.
- Colombo, J., McCollam, K., Coldren, J. T., Mitchell, D. W., and Rash, S. J. (1990). Form categorization in 10-month-old infants. *Journal of Experimental Child Psychology, 49*, 173-188. (PMID: 2332720).
- Horowitz, F. D., and Colombo, J. (1990). Future agendas and directions for infancy research. *Merrill-Palmer Quarterly of Behavioral Development, 36*, 173-178.
- Colombo, J., Mitchell, D. W., Coldren, J. T., and Atwater, J. D. (1990). Discrimination learning during the first year of life: Stimulus and positional cues. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 16*, 98-109. (PMID: 2136753)
- Colombo, J., Mitchell, D. W., Coldren, J. T., and Freeseaman, L. J. (1991). Individual differences in infant attention: Are short lookers faster processors or feature processors? *Child Development, 62*, 1247-1257. (PMID: 1786713)
- Freeseaman, L. J., Colombo, J., & Coldren, J. T. (1993). Individual differences in infant visual attention: Discrimination and generalization of global and local stimulus properties. *Child Development, 64*, 1191-1203. (PMID: 8404264)
- Colombo, J., Frick, J. E., Ryther, J. S., Coldren, J. T., & Mitchell, D. W. (1995). Infants' detection of analogs of "motherese" in noise. *Merrill-Palmer Quarterly of Behavioral Development, 41*, 104-113.
- Colombo, J. (1995). On the neural mechanisms underlying developmental and individual differences in infant fixation duration: Two hypotheses. *Developmental Review, 15*, 97-135.
- Colombo<sup>a</sup>, J., Ryther<sup>a</sup>, J. S., Frick, J. E., & Gifford, J. J. (1995). A visual "pop-out" effect in infants: Evidence for preattentive search in 3- and 4-month-olds. *Psychonomic Bulletin and Review, 2*, 266-268.

- Colombo, J., Freeseaman, L. J., Coldren, J. T. & Frick, J. E. (1995). Individual differences in infant visual fixation: Dominance of global and local stimulus properties. *Cognitive Development, 10*, 271-285.
- Colombo, J. (1995). Cost, utility, and the judgments of institutional review boards. *Psychological Science, 6*, 318-319.
- Frick, J. E. & Colombo, J. (1996). Individual differences in infant visual attention: Recognition of degraded visual forms by 4-month-olds. *Child Development, 67*, 188-204. (PMID: 8605827).
- Colombo, J., Frick, J. E., Ryther, J. S., & Gifford, J. J. (1996). Individual differences in infant visual attention: Four-month-olds' recognition of forms connoted by complementary contour. *Infant Behavior and Development, 19*, 113-119.
- Saxon, T. F., Frick, J. E., & Colombo, J. (1997). Individual differences in infant visual fixation and maternal interactional styles. *Merrill-Palmer Quarterly of Behavioral Development, 43*, 48-66.
- Colombo, J., Frick, J.E., & Gorman, S.A. (1997). Sensitization during visual habituation sequences: Procedural effects and individual differences. *Journal of Experimental Child Psychology, 67*, 223-235. (PMID: 9388807)
- Stoecker, J. J., Colombo, J., & Frick, J. E. & Ryther, J. S. (1998). Long- and short-looking infants' recognition of symmetrical and asymmetrical visual forms. *Journal of Experimental Child Psychology, 71*, 63-78. (PMID: 9742186)
- Frick, J.E., Colombo, J., & Saxon, T. F. (1999). Individual and developmental differences in disengagement of fixation in early infancy. *Child Development 70*, 537-548. (PMID: 10368908)
- Saxon<sup>a</sup>, T. F., Colombo<sup>a</sup>, J., Robinson, E. L., & Frick, J. E. (2000). Dyadic interaction profiles in infancy and preschool intelligence. *Journal of School Psychology, 38*, 9-25.
- Frick<sup>a</sup>, J.E., Colombo<sup>a</sup>, J., & Allen, J.R. (2000). The temporal sequence of global-local processing in 3-month-olds. *Infancy, 1*, 375-386.
- Colombo, J. (2001). The development of visual attention in infancy. *Annual Review of Psychology, 52*, 337-367. (PMID: 11148309)
- Colombo, J. (2001). A cognitive-neuroscience approach to infant contingency processing and perception. *Bulletin of the Menninger Clinic, 65*, 321-334. (PMID: 11531129)

- Colombo, J., Richman, W. A., Shaddy, D. J., Greenhoot, A. F., & Maikranz, J. (2001). HR-Defined phases of attention, look duration, and infant performance in the paired-comparison paradigm. *Child Development, 72*, 1605-1616. (PMID: 11768135)
- Maikranz, J. M., Colombo, J., Richman, W. A., & Frick, J. E. (2001). Autonomic indicators of sensitization and look duration in infancy. *Infant Behavior and Development, 23*, 137-151.
- Colombo, J. (2001). Recent advances in the assessment of infant cognition: Implications for LC-PUFA supplementation studies. *Lipids, 36*, 919-926. (PMID: 11724464)
- Casebolt, K., Colombo, J., & Chandler, J. (2002). Teachers' perceptions and the TOMI as predictors of visual/visual-motor skills in motorically impaired and non-impaired elementary school-aged children. *Physical Educator, 60*, 34-41.
- Colombo, J., & Richman, W. A. (2002). Infant timekeeping: Anticipation and attention in 4-month-olds. *Psychological Science, 13*, 475-479. (PMID: 12219817)
- Colombo, J. (2002). Infant attention grows up: The emergence of a developmental cognitive neuroscience perspective. *Current Directions in Psychological Science, 11*, 196-199.  
This article reprinted in J. Lerner & A. E. Alberts, (Eds., 2003), *Current Directions in Developmental Psychology (1<sup>st</sup> Edition*, pp. 18-26). New York: Prentice-Hall.
- Greenhoot, A. F., Semb, G., Colombo, J., & Schreiber, T. S. (2004). Scientific reasoning in college students: The roles of prior beliefs and reasoning components in causal inference. *Journal of Applied Cognitive Psychology, 18*, 203-221
- Colombo, J., Shaddy, D. J., Richman, W. A., Maikranz, J. M., & Blaga, O. (2004). Developmental course of visual habituation and preschool cognitive and language outcome. *Infancy, 5*, 1-38.
- Shaddy, D. J., & Colombo, J. (2004). Developmental change in attention: Dynamic and static stimuli. *Infancy, 5*, 355-365.
- Colombo, J., Kannass, K. N., Shaddy, D. J., Kundurthi, S., Anderson, C. J., Blaga, O. M., & Carlson, S. E. (2004). Maternal DHA and the development of attention in infancy and toddlerhood. *Child Development, 75*, 1254-1267. (PMID: 15260876)
- Blaga, O., & Colombo, J. (2006). Visual processing and infant ocular latencies in the overlap paradigm. *Developmental Psychology, 42*, 1069-1076. (PMID: 17087542)
- Cheatham, C.L., Colombo, J., & Carlson, S.E. (2006). N-3 fatty acids and cognitive and visual acuity development: Methodological and conceptual considerations. *American Journal of Clinical Nutrition, 83* (supplement), 1458S-1466S. (PMID: 16841855)

Wainwright, P. & Colombo, J. (2006). Nutrition and the development of cognitive functions: Interpretation of behavioral studies in animals and human infants. *American Journal of Clinical Nutrition*, 84, 1-10. (PMID: 17093144)

Anderson, C.J., & Colombo, J. (2006). Pupillary responses and visual scanning in children with autism spectrum disorder. *Journal of Clinical and Experimental Neuropsychology*, 28, 1238-1256. (PMID: 16840248)

Kannass, K.N., & Colombo, J. (2007). The effects of continuous and intermittent distractors on cognitive performance and attention in preschoolers. *Journal of Cognitive Development*, 8, 63-78.

This article was reviewed and summarized in in Roder, B.J., & Sgan, M.L. (Eds.), *Infants to adolescents: Research update* (Vol. 8, pp. 3-4). Acton, MA: Roder/Sgan.

Richman, W. A., & Colombo, J. (2007). Joint book reading in the second year and vocabulary outcomes. *Journal of Research in Childhood Education*, 21, 242-253.

### **Book Chapters**

Colombo, J. (1986). Recent studies in early auditory development. In G.J. Whitehurst (Ed.) *Annals of Child Development*, (Volume 3, pp. 53-98). Greenwich, Connecticut: JAI Press.

Colombo, J., & Mitchell, D. W. (1990). Individual and developmental differences in infant visual attention: Fixation time and information processing. In J. Colombo and J.W. Fagen (Eds.), *Individual differences in infancy: Reliability, stability, and prediction* (pp. 193-227). Hillsdale, NJ: Lawrence Erlbaum.

Colombo, J. (1997). Individual differences in infant cognition: Methods, measures and models. In J. Dobbing (Ed.), *Developing brain and behavior: The role of lipids in infant formulas* (Chapter text: pp. 339-372; Commentary and Author's replies: pp. 372-385). London: Academic Press.

Mitchell, D. W., & Colombo, J. (1997). Infant cognition and general intelligence. In W. Tomic & J. Kingma (Eds.), *Advances in cognition and educational practice: Reflections on the concept of intelligence* (pp. 101-119). Greenwich, CT: JAI Press.

Colombo, J. & Janowsky, J. S. (1998). A cognitive neuroscience approach to individual differences in infant cognition. In J. E. Richards (Ed.), *The cognitive neuroscience of attention: A developmental perspective* (pp. 363-392). Hillsdale, NJ: Lawrence Erlbaum.

Colombo, J. & Frick, J. E. (1999). Recent advances and issues in the study of preverbal intelligence. In M. Anderson (Ed.), *The development of intelligence* (pp. 46-71). East Sussex: Psychology Press.

- Colombo, J., Shaddy, D. J., & Richman, W. A. (2000). Cognition, development, and exceptional talent in infancy. In R. Friedman & B. Shore (Eds.), *Talents unfolding: Cognition and development*. (pp. 123-148). Washington, DC: American Psychological Association.
- Colombo, J., & Saxon, T. (2002). Infant attention and the development of cognition: Does the environment moderate continuity? In H. Fitzgerald, K. Karraker, & T. Luster (Eds.), *Infant development: Ecological perspectives*. (pp. 35-60). Washington, DC: Garland Press.
- Colombo, J. (2003). Efficiency in doctoral training. In M. Rice (Ed.), *Recruiting and training future scientists: How policy shapes the mission of graduate education*. (pp. 41-51). Merrill Series on The Research Mission of Public Universities (MASC Report 107). Lawrence, KS: Merrill Advanced Studies Center, University of Kansas.
- Colombo, J. (2004). Visual attention in infancy: Process and product in early cognitive development. In M. Posner (Ed.), *Cognitive neuroscience of attention* (pp. 329-341). New York: Guilford Press.
- Colombo, J. & Cheatham, C. (2007). The emergence of endogenous attention in infancy and early childhood. In R. Kail (Ed.), *Advances in child development and behavior* (pp. 283-322). New York: Elsevier. (PMID: 17120808)
- Colombo, J., Shaddy, D.J., Blaga, O.M., Anderson, C.J., & Kannass, K.N. (2007, in press). High cognitive ability in infancy. In F. Horowitz & D. Matthews (Eds.), *Concepts of giftedness in developmental theory and research*. Washington, DC: American Psychological Association Press.
- Colombo, J., Shaddy, D.J., Blaga, O.M., Anderson, C.J., Kannass, K.N., & Richman, W. A. (2007, in press). Attentional predictors of vocabulary from infancy. In J. Colombo, P. McCardle, & L. Freund (Eds.), *Infant pathways to language: Methods, models, and research directions*. Mahwah, NJ: Erlbaum. Mahwah, NJ: Erlbaum.
- McCardle, P., Colombo, J., & Freund, L. (2007, in press). Measuring language in infancy. In J. Colombo, P. McCardle, & L. Freund (Eds.), *Infant pathways to language: Methods, models, and research directions*. Mahwah, NJ: Erlbaum.

### **Book reviews, notices, and letters**

- Colombo, J. (1988). On covering bases and keeping one's balance (Review of L. Smolak, *Infancy*). *Contemporary Psychology*, 33, 687-688.
- Colombo, J. (1989). The lore of the infant laboratory. (Review of G. Gottlieb and N. Krasnegor [Eds.], *Measurement of audition and vision in the first year of postnatal life*). *Contemporary Psychology*, 34, 133-134.

- Colombo, J. (1990). Back to basics in perceptual development. (Review of A. Yonas [Ed.], *Perceptual development in infancy. The Minnesota symposia on child development: Vol. 20*). *Contemporary Psychology*, 35, 119-120.
- Colombo, J. (1990). Vintage Bower. (Review of T. G. R. Bower, *The rational infant: Learning in infancy*). *Contemporary Psychology*, 35, 998-999.
- Colombo, J. (1991). *Development of memory in children* by F. Kail (Book notice). *Child Development Abstracts and Bibliography*, 65, 93.
- Colombo, J. (1991). Advances advances. (Review of C. K. Rovee-Collier & L. P. Lipsitt [Eds.], *Advances in infancy research: Vol. 6*). *Contemporary Psychology*, 36, 1059-1060.
- Colombo, J. (1998). The tip of the iceberg (Review of M.H. Johnson, *Developmental cognitive neuroscience*). *Early Development and Parenting*, 7, 129-131.
- Colombo, J. (1999). *Handbook of child psychology*, edited by W. Damon (Series Ed.), R. M. Lerner, D. Kuhn, & R. S. Siegler, N. Eisenberg, I. E. Sigel, & K. A. Renninger (Volume Eds.) (Book notice). *Child Development Abstracts and Bibliography*, 73, 84-86.
- Colombo, J. (2003). Cognitive development. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 121-122). New York: Kluwer Academic/Plenum Publishers.
- Colombo, J. (2003). Infancy. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 307-308). New York: Kluwer Academic/Plenum Publishers.
- Colombo, J. (2003). Language development. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 334-335). New York: Kluwer Academic/Plenum Publishers.
- Anderson, C. J., & Colombo, J. (2003). Adolescence. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 10-12). New York: Kluwer Academic/Plenum Publishers.
- Anderson, C. J., & Colombo, J. (2003). Emotional development. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 201-203). New York: Kluwer Academic/Plenum Publishers.
- Anderson, C. J., & Colombo, J. (2003). Identity development. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 303-305). New York: Kluwer Academic/Plenum Publishers.

- Anderson, C. J., & Colombo, J. (2003). Motor development. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 386-388). New York: Kluwer Academic/Plenum Publishers.
- Blaga, O., & Colombo, J. (2003). Sensory and perceptual development. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 582-584). New York: Kluwer Academic/Plenum Publishers.
- Blaga, O., & Colombo, J. (2003). Moral development. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 382-383). New York: Kluwer Academic/Plenum Publishers.
- Kannass, K. N. & Colombo, J. (2003). Childhood. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 99-101). New York: Kluwer Academic/Plenum Publishers.
- Shaddy, D. J. & Colombo, J. (2003). Developmental milestones. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 169-170). New York: Kluwer Academic/Plenum Publishers.
- Shaddy, D. J. & Colombo, J. (2003). Attachment. In T. Ollendick & C. Schroeder (Eds.), *Encyclopedia of clinical child and pediatric psychology* (pp. 43-44). New York: Kluwer Academic/Plenum Publishers.
- Colombo, J. (2004). *What happened to behaviorism? A reply to Roediger's presidential column.* *APS Observer*, 17(5), May 2005.
- Hann, D., & Colombo, J. (2006, in press). Institutional review boards. In N. Salkind (Ed.), *Encyclopedia of measurement and statistics*. Newbury Park, CA: Sage Publications.
- Colombo, J. (2006). Maternal DHA levels and the development of attention in infants and toddlers. *Pediatric Perspectives Newsletter*, 5(3): Evansville, IN: Mead Johnson Nutritional.
- Educational materials on early stimulation and sensitive periods.<sup>1</sup>  
The study of early stimulation: An introduction. *Journal of Paediatrics, Obstetrics, and Gynecology*, 2006, 32(4). Also distributed as part of the *Fonterra Maternal Series (Pregnancy and Lactation)*. June, 2006.  
The study of early stimulation: The effect of stimulation on visual acuity. *Fonterra Maternal Series (Pregnancy and Lactation)*. July, 2006.

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The study of early stimulation: Caregiver-infant Interactions. *Fonterra Maternal Series (Pregnancy and Lactation)*. July, 2006.

The study of early stimulation: Auditory development, language, and speech. *Fonterra Maternal Series (Pregnancy and Lactation)*. August 2006.

The study of early stimulation: Development of smell and taste. *Fonterra Maternal Series (Pregnancy and Lactation)*. August 2006.

The study of early stimulation: Development of sense of touch and balance. *Fonterra Maternal Series (Pregnancy and Lactation)*. August, 2006.

Colombo, J. (2006). Taking steps toward a coordinated curriculum and increased student engagement in the Psychology major. *Teaching Matters: Center for Teaching Excellence Bulletin*, 10 (1).

### **Administrative Manuals and Documents**

Colombo, J. (1994; revisions in 1997, 1999, 2001 [with D. Hann and B. Ridenour], 2003 [with D. Hann]). *Instructions for preparing and submitting applications to the Advisory Committee on Human Experimentation*. Lawrence, KS: University of Kansas Research Support and Grants Administration/Center for Research, Inc.

Colombo, J. (2002). *Report on the Provost's Task Force on Graduate Education at the University of Kansas*. Office of the Graduate School and International Programs. Available at [http://www2.ku.edu/~graduate/Pubs/TF\\_report/](http://www2.ku.edu/~graduate/Pubs/TF_report/)

### **Works submitted or in preparation**

Bлага, O.M., Anderson, C. J., Shaddy, D. J., Richman, W. A., Kannass, K. N., Little, T. D., & Colombo, J. (in preparation). Structure and continuity of intelligence from toddlerhood to the preschool ages. *Developmental Psychology*.

Richards, J. E., & Colombo, J. (in preparation). *The developmental cognitive neuroscience of attention*. Cambridge, UK: Oxford University Press.

Colombo, J., McCardle, P., & Freund, L. (Eds., in preparation). *Measuring language in infancy*. Mahwah, NJ: Erlbaum.

## Presentations

### Invited Addresses, Keynote and Plenary Lectures

- 1992 *Recent advances in research on infant cognition.* Invited address, Esther Katz Rosen Symposium on the Psychological Development of Gifted Children. The University of Kansas, Lawrence, Kansas.
- 1993 *Early visual attention and later intelligence: Measures and mechanisms.* Invited keynote address at the 26th annual Gatlinburg Conference on Mental Retardation, Gatlinburg, Tennessee
- 2000 *The development of attention in infancy: A cognitive-neuroscience approach.* Invited address, Winter meeting of the Society for Developmental Psychobiology, Waikoloa, Hawaii.
- 2000 *PUFA and Behavior: Recent advances in the study of early cognition.* Invited plenary lecture, PUFA in Maternal and Child Health. Meeting sponsored by the American Oil Chemists' Society, Kansas City, Missouri.
- 2003 *Measuring attention in infants and toddlers.* (With Kathleen Kannass). Mead Johnson Nutritionals International Workshop on DHA Research, University of Kansas Medical Center, Kansas City, KS.
- 2003 *Maternal DHA and the development of attention in infants and toddlers.* The Sonia Wolf Wilson Lecture in Human Ecology. University of Texas at Austin, Austin, TX.
- 2005 *The behavioral assessment of outcomes in infancy and toddlerhood: Lessons for the conduct of clinical trials in nutrition.* Child Health Research Institute, Children's and Women's Hospital and Flinders University, Adelaide, South Australia, Australia.
- 2005 *New approaches to the assessment of infant cognition.* Plenary faculty address, Mead Johnson Speakers Development Program Meeting, Henderson, NV.
- 2005 *High cognitive ability in infancy and early childhood.* Invited plenary address given at a conference on *Incorporating Conceptions of Giftedness into Theories and Research on Child, Adolescent, and Adult Development.* The Graduate Center, City University of New York, The Center for Gifted Education Policy, American Psychological Association and Hunter College Center for Gifted Studies and Education.

- 2006 *Trials and tribulations in assessing the effects of risk and protective factors in early development.* Invited keynote address at the 39th annual Gatlinburg Conference on Mental Retardation, Gatlinburg, Tennessee

### **Invited Colloquia**

#### *Infant auditory attention*

- 1981 Department of Psychology, Youngstown State University, Youngstown, Ohio  
1981 Department of Psychology, Ball State University, Muncie, Indiana.  
1981 Department of Psychology, University of Massachusetts, Amherst, Massachusetts.  
1981 Department of Psychology, University of Evansville, Evansville, Indiana.  
1985 Department of Psychology, Northern Illinois University, DeKalb, Illinois

#### *Discrimination learning during the first year of life*

- 1988 Department of Human Development, University of Kansas, Lawrence, Kansas.  
1990 Department of Psychology, Memphis State University, Memphis, Tennessee

#### *Developmental and individual differences in infant visual attention*

- 1988 Department of Psychology, University of New Orleans, New Orleans, Louisiana  
1988 Department of Psychology, University of Toronto, Toronto, Canada  
1989 Institut de Nutricion y Tecnologia de los Alimentos. Universidad de Chile, Santiago, Chile.  
1989 Department of Psychology, Virginia Tech University, Blacksburg, Virginia  
1992 University of Toledo Psychology Colloquium Series. The University of Toledo, Toledo, Ohio  
1994 Oregon Regional Primate Center/Oregon Health Sciences University, Portland, Oregon  
1997 Department of Psychology, Oregon State University  
1997 Michigan State University Psychology Colloquium Series (50<sup>th</sup> Anniversary Celebration Series). Michigan State University, East Lansing, Michigan.  
2000 Department of Psychology, University of Missouri at Columbia  
2001 College of Education, University of Washington at Seattle

#### *The Role of Disengagement in Infant Look Duration*

- 2003 Department of Psychology "Hard Data Cafe," University of South Carolina  
2003 Developmental Psychology Proseminar, University of Texas at Austin

#### *Infant Visual Attention and Prediction of Preschool Cognitive Outcome*

- 2003 Department of Psychology, University of South Carolina

#### *The Development of Attention: Basic and Applied Perspectives*

- 2005 Department of Psychology, Florida International University  
2006 Frank Porter Graham Institute for Child Development, University of North Carolina at Chapel Hill

#### *DHA and the Development of Attention in Infancy and Early Childhood*

2005 Instituto de Investigaciones Nutricional, La Molina, Lima, Peru.

*A Model for the Function and Development of Endogenous Attention*

2006 Department of Psychology, University of British Columbia, Vancouver BC, Canada

**Invited Symposia and Panels**

- 1991 Commentary on *The risks of creativity: Lessons from developmental psychology* (by Lewis P. Lipsitt). The Esther Katz Rosen Symposium on the Psychological Development of Gifted Children. Lawrence, KS
- 1993 Commentary on *Tracking trajectories of talent: Child prodigies growing up* (by Lynn T. Goldsmith). The Esther Katz Rosen Symposium on the Psychological Development of Gifted Children. Lawrence, KS.
- 1995 *Some hypotheses about speed of processing in infancy*. In C. S. Tamis-LeMonda (Symposium Chair), *What underlying mechanisms explain the predictive validity of infant visual attention?* SRCD, Indianapolis, IN.
- 1996 *Discussant: Nutritional effects on infant development: Visual, motor, and cognitive effects*. (E. Eugenie Hartmann, Symposium Chair). ICIS, Providence, RI.
- 1996 *The cognitive neuroscience of infant visual attention*. (John E. Richards, Panel Chair). Invited Panel, ICIS, Providence, RI
- 1997 *The assessment of infant cognition: Methods, models, and measurement*. Panel discussion and review, The 106<sup>th</sup> Ross Conference on Nutrition, Phoenix, Arizona
- 1998 *Individual differences in global and local visual processing in infancy*. In L.B. Cohen (Chair), *Global and local visual processing: Developmental implications* (invited symposium). APA, San Francisco, CA.
- 2000 *Infant contingency perception: A cognitive-neuroscience approach*. Invited presentation, International Workshop on Infant Development (G. Gergely and P. Fonagy, organizers), Menninger Clinic, Topeka, Kansas.
- 2001 *IRB issues and human subjects protection for the new millennium*. Invited address, Office of Special Education Projects Research Conference, Council on Exceptional Children, Washington, DC.
- 2001 *Measurement of looking time in infant-control and paired-comparison paradigms*. McDonnell Foundation Workshop on the Measurement of Infant Perception, Cognition, and Language (R. N. Aslin and J. Mehler, panel organizers). Tarrytown House Conference Center, Tarrytown, NY.

- 2002 *Transience and development: A developmental systems theory approach to clinical trials and evaluation research.* Mead Johnson Nutritionals International Workshop on DHA Research, University of Kansas Medical Center, Kansas City, KS.
- 2004 *The development of visual attention in infancy and early childhood.* Mead Johnson Nutritionals Clinical Trials Expert Panel Plenary Address, Baltimore, MD.
- 2004 *DHA and cognitive function: Why development matters.* University of Tennessee College-Wide Symposium. College of Education, Allied Health, and Family Science. Knoxville, TN.
- 2005 *The effects of DHA on visual and cognitive development.* (delivered by Susan Carlson, also with Carol Cheatham) Omega-3 Fatty Acids: Recommendations for Therapeutics and Prevention, Columbia University College of Physicians and Surgeons, Institute of Human Nutrition, New York, NY.
- 2005 *High cognitive ability in infancy.* (with Jill Shaddy, Otilia Blaga, Christa Anderson, and Kathleen Kannass). Incorporating Conceptions of Giftedness into Theories of Development, City University of New York Graduate Center, New York, NY.
- 2005 *Precursors and predictors of language from infancy.* Presented at a conference on Measuring Language in Infancy sponsored by the Merrill Advanced Study Center/National Institutes of Health

### Conferences Organized/Convened

- 2005 *Measuring language in infancy.* Conference co-convened with Mabel Rice (Merrill Advanced Study Center at the University of Kansas) and Peggy McCardle (National Institute of Child Health and Human Development; National Institutes of Health), September 15-17, Tempe AZ.

### National/International Conference Presentations<sup>2</sup>

- 1979 Bundy, R. S., Singer, J. T., & Colombo, J. *Absence of normal pitch perception in infants.* SRCDD, San Francisco, CA.
- 1980 Colombo, J., & Bundy, R. S. *A method for the measurement of auditory preference in infants.* EPA, Hartford, CT.

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<sup>2</sup>Society/Association Meeting Abbreviations:

*APA* American Psychological Association  
*EPA* Eastern Psychological Association  
*MPA* Midwestern Psychological Association

*ASA* Acoustical Society of America  
*ICIS* International Conference on Infant Studies  
*SRCDD* Society for Research in Child Development

- 1981 Bundy, R. S., & Colombo, J. *Phase shifts and pitch glides*. ASA, Ottawa, Quebec.  
 Bundy, R. S., Colombo, J., & Warnick, P. *Short-term experiential manipulation alters pitch perception in musicians*. ASA, Ottawa, Quebec.  
 Colombo, J., Bundy, R. S., & Sales, C. *Developmental changes in attention to auditory novelty and familiarity*. EPA, New York, NY.  
 Colombo, J., & Bundy, R. S. *Infant response to auditory novelty: Effect of amount of familiarization*. SRCD, Boston, MA.
- 1983 Colombo, J., Laurie, C. A., Martelli, T. A., & Hartig, B. R. *A configural superiority effect with 4-month-olds*. SRCD, Detroit, MI.  
 Colombo, J. *Infant selectivity for complex acoustic stimuli*. SRCD, Detroit, MI.  
 Colombo, J., Beckett, P. B., Laurie, C. A., Martelli, T. A., & Hartig, B. R. *Infant perception of the Muller-Lyer illusion*. MPA, Chicago, IL.
- 1985 Colombo, J., & Horowitz, F. D. *Auditory frequency as a determinant of infant attention*. SRCD, Toronto, Ontario.  
 Colombo, J. *Infant attention to FM sweeps*. SRCD, Toronto, Ontario.  
 Colombo, J., & Horowitz, F. D. *Infant attention to frequency modulated sweeps*. MPA, Chicago, IL.
- 1986 Colombo, J., Mitchell, D. W., & O'Brien, M. *The meaning of infant visual habituation: Stability and reliability in the first year*. ICIS, Los Angeles, CA.  
 Colombo, J. *Infant visual fixation: Non-cognitive correlates*. ICIS, Los Angeles, CA
- 1987 Colombo, J. *The psychometrics of infant visual attention*. In J. Colombo (Symposium Chair), *Individual differences in infancy: Reliability, stability, and prediction*. SRCD, Baltimore, MD.  
 Colombo, J., & Atwater, J. D. *Infant attention and discrimination across two paradigms*. SRCD, Baltimore, MD.
- 1988 Colombo, J., Moss, M. M., & Horowitz, F. D. *Neonatal state profiles: Reliability and short-term prediction of neurobehavioral status*. ICIS, Washington, DC.  
 Colombo, J., Mitchell, D. W., & Coldren, J. T. *Stimulus and positional cues in infant learning*. ICIS, Washington, DC.  
 Horowitz, F. D., O'Brien, M., Colombo, J., Mitchell, D.W., & Atwater, J.D. *Individual differences in the Risk X Environment developmental outcome equation*. International Workshop on Longitudinal Studies of Children Born at Risk, Jerusalem.
- 1989 Colombo, J., & Mitchell, D. W. *The development of infant visual habituation*. SRCD, Kansas City, MO.  
 Mitchell, D. W., & Colombo, J. *Fixation time as a predictor of 3- and 4-month-old infants' learning, retention, and transfer*. SRCD, Kansas City, MO.  
 Colombo, J., Mitchell, D. W., Coldren, J. T., & Rash, S. J. *Short-looking infants: Faster processors or feature processors?* Psychonomic Society, Atlanta, GA.

- 1990 Colombo, J., Mitchell, D. W., Coldren, J. T., Rash, S. J., & Freeseaman, L. J. *Individual differences in infant visual attention: Are short lookers faster processors or feature processors?* ICIS, Montreal, Quebec.  
Coldren, J. T., Colombo, J., Rash, S. J., & Horowitz, F. D. *Attention and transfer within dimensions during infant discrimination learning.* ICIS, Montreal, Quebec.
- 1991 Freeseaman, L. J., & Colombo, J. *A signal-detection analysis of individual differences in infant recognition memory performance.* SRCD, Seattle, WA.
- 1992 Colombo, J., Freeseaman, L. J., & Coldren, J. T. *Differential reliance on global and local information by short and long looking infants.* ICIS, Miami, FL.  
Mitchell, D. W., Gifford, J., & Colombo, J. *A comparison of term and preterm infants' attention, learning, retention, and transfer.* ICIS, Miami, FL.
- 1993 Colombo, J., Frick, J. E., Levy, K. H., Syphers, E., Ellenberger, H., & Fuhrman, K. *Extreme lateral bias in long looking infants.* SRCD, New Orleans, LA.  
Frick, J. E. & Colombo, J. *Infant recognition of partially degraded figures: Effect of locus of deletion.* SRCD, New Orleans, LA.
- 1994 Colombo, J., Frick, J. E., Ryther, J. S., Gifford, J. J., & Gorman, S. A. *Four-month-olds' discrimination of stimuli composed of complementary contour.* ICIS, Paris, France.  
Ryther, J. S., Colombo, J., Frick, J. E., & Coleman, S.A. *Visual pop-out with three-month-old infants.* ICIS, Paris, France.
- 1995 Gifford, J. J., Colombo, J., Ryther, J. S., Gorman, S. A., & Stowe, K. *Long and short looking infants' recognition of symmetrical and asymmetrical forms.* SRCD, Indianapolis, IN.
- 1996 McAdam, D. B., Fradenburg, L. A., Morris, E. K., & Colombo, J. *The aversives controversy: Journal publication trends II.* Association for Behavior Analysis, San Francisco, CA.  
Frick, J.E., Colombo, J., & Saxon, T.F. *Long looking infants are slower to disengage fixation.* ICIS, Providence, RI.
- 1997 Frick, J. E., Colombo, J., & Gorman, S. A. *Procedural effects and individual differences in infant sensitization.* SRCD, Washington, DC.  
Colombo, J., Frick, J. E., Gorman, S. A., & Casebolt, K. *Heart rate patterns during infant-controlled habituation sessions.* SRCD, Washington, DC.
- 1998 Colombo, J., Richman, W. A., Harlan, J. E., & Frick, J. E. *Individual differences in look duration, choice trial length, and paired-comparison task performance.* ICIS, Atlanta, GA.

- 1999 Colombo, J., Harlan, J. E., & Mitchell, D. W. *The development of look duration in infancy: Evidence for a triphasic course*. SRCD, Albuquerque, NM.  
 Richman, W. A., & Colombo, J. *The joint-book reading environment in infancy*. SRCD, Albuquerque, NM.
- 2000 Saxon, T. F., Robinson, E. R., Colombo, J., & Frick, J. E. (2000, March). *Mother-infant interaction and cognitive ability: Profiles that distinguish early childhood intelligence and social development*. Paper presented at the Annual Meeting of the National Association of School Psychologists: New Orleans, LA.
- 2001 Colombo, J., Richman, W. A., Shaddy, D. J., & Maikranz, J. M. (2001, April). *Varieties of attention in infant visual habituation*. Paper invited as part of a symposium on Theoretical Advances in Infant Habituation (R. O. Gilmore and H. Thomas, organizers). SRCD: Minneapolis, MN.  
 Richman, W. A., & Colombo, J. (2001, April). *Early joint-book reading predicts infant-toddler vocabulary level*. SRCD: Minneapolis, MN.
- 2002 Colombo, J. (2002, April). *Distractibility in infancy: Frontal failure or parietal prepotency?* Discussants' comments invited as part of a symposium on Distractibility in Infancy (Wallace Dixon, organizer). ICIS, Toronto, Ontario.  
 Shaddy, D. J. & Colombo, J. (2002, April). *Developmental and process analyses of infants' attention to dynamic and static stimuli*. Poster presented at ICIS, Toronto, Ontario.  
 Smuts, C. M., Mundy, D., Colombo, J., Shaddy, D. J., Maikranz, J. M. & Carlson, S. E. (2002, June) *Third trimester DHA supplementation with high-DHA eggs*. Taipei, Taiwan.
- 2003 Colombo, J., Richman, W. A., Shaddy, D. J., Maikranz, J. M., & Blaga, O. (2003, April). *Heart rate defined phases of attention during infant visual habituation*. SRCD, Tampa, FL.  
 Carlson, S. E., Colombo, J., Shaddy, D. J., Maikranz, J. M., Kundurthi, S., Anderson, C. J., & Blaga, O. *Maternal DHA and the development of attention*. SRCD, Tampa, FL.
- 2004 Colombo, J., Kannass, K. N., Shaddy, D. J., Kundurthi, S., Maikranz, J., & Carlson, S. E. *Maternal DHA and the development of attention in infancy and early childhood*. Paper presented at a symposium at the Congress of the World Association for Infant Mental Health, Melbourne, Australia.  
 The University of Kansas Infant Cognition Center (Colombo, J., Shaddy, D. J., Richman, W. A., Maikranz, J. M., Blaga, O. M., Anderson, C. J., & Kannass, K. N.). *The University of Kansas Early Cognition Project*. Paper presented at a symposium on *Developmental and individual differences in attention* (M. Courage, organizer; J. E. Richards, discussant) at ICIS, Chicago, IL.  
 Kannass, K. N., & Colombo, J. *The effects of continuous and intermittent distraction on cognitive performance*. Poster presented at ICIS, Chicago, IL.

- Kannass, K. N., Colombo, J., Carlson, S. E., Shaddy, D. J., & Kundurthi, S. *Maternal DHA levels and toddler attention and distractibility*. Poster presented at ICISU, Chicago, IL.
- 2005 Colombo, J., Shaddy, D.J., Anderson, C.J., Blaga, O.M., Writt-Haas, D.M., & Kannass, K. N. *Estimation and processing of time intervals in infancy*. SRCD, Atlanta, GA.  
 Anderson, C.J., & Colombo, J. *Visual scanning and pupillary responses in young children with autism spectrum disorder*. SRCD, Atlanta, GA.  
 Kannass, K.N., & Colombo, J. *Attention during intermittent and continuous distraction conditions*. SRCD, Atlanta, GA.  
 Kannass, K.N., & Colombo, J. *The effects of instruction on preschoolers' ability to resist distraction*. Cognitive Development Society, San Diego, CA.
- 2007 Blaga, O., Shaddy, D.J., Anderson, C.J., Colombo, J., & Little, T.D. *Structural and predictive outcomes of standardized assessments from 12 to 48 months*. SRCD, Boston, MA.  
 Colombo, J. *The developmental course of attention in infancy: Multiple processes and determinants*. Paper delivered as part of a symposium on Organism/Environment Interactions in Infancy (in honor of Frances Degen Horowitz). SRCD, Boston, MA.  
 Kannass, K.N., Colombo, J., & Carlson, S.E. *Maternal DHA levels and toddler free-play attention*. SRCD, Boston, MA.  
 Kannass, K.N., Colombo, J., & Miller, N. *Pay attention! The effects of instruction and distractor comprehensibility on preschoolers' task performance*. SRCD, Boston, MA.  
 Anderson, C.J., Rawlings, J., & Colombo, J. *Spontaneous motor behavior and heart-rate defined phases of attention during visual habituation*. SRCD, Boston, MA.

### **Regional/Local Conferences**

- 1978 Bundy, R. S., Keller, W. D., & Colombo, J. *Binaural processing in young infants*. Auditory Localization Research and Theory, Queen's University, Kingston, Ontario.
- 2003 Carlson, S. E., Colombo, J., Kannass, K., Levant, B., Mundy, D., & Radel, J. *Brain DHA during development and behavior*. Kansas City Area Life Sciences Institute: Second Annual Research Day: "Linking Science to Life." Kansas City, MO.
- 2004 Colombo, J. *Attention as an outcome measure in studies of nutrition and LCPUFA in infancy and early childhood*. Professional Seminar, Mead Johnson Nutritionals, Research Affairs Division. Evansville, IN.

- 2005 Colombo, J. & Simpson, G. *A tour of higher education: Getting and keeping an academic job.* Midwestern Social Development Consortium, Lawrence, KS.

### **Local Departmental/Institute Presentations and Proseminars**

- 1982 *Intelligence and race.* Youngstown State University Faculty Forum
- 1985 *Individual differences in infant visual habituation.* Human Development Proseminar.
- 1987 *On the acoustic basis of "motherese".* Child Language Proseminar.
- 1988 *The last decade of infant speech perception.* Human Development Proseminar.
- 1989 *A primer of cognitive psychology for behavior analysts.* Human Development Proseminar.
- 1990 *Visual processing in young infants.* Human Development Proseminar.
- 1991 *Recent advances in vision research.* Human Development Proseminar.
- 1992 *Continuity of intellectual function from infancy.* Human Development Proseminar.
- 1992 *A voice in the wilderness: The case against motherese.* Human Development Proseminar.
- 1992 *Local and global visual processing in infants.* Human Development Proseminar.
- 1993 *New directions for infant assessment.* Children's Rehabilitation Unit, KUMC.
- 1994 *Getting the "big picture."* Human Development Proseminar.
- 1994 *An hour of ACHE.* Human Development Proseminar.
- 1994 *Accounting for variance in the behavioral sciences.* Human Development Proseminar.
- 1994 *Individual differences in infant visual processing.* Child Language Proseminar.
- 1995 *Adventures in fish oil.* Human Development Proseminar.
- 1995 *Infant visual attention and geniculostriate vision.* Experimental Psychology Proseminar.
- 1995 *Overview and summary of ACHE.* Child Language Proseminar
- 1996 *Generality and modularity in infant cognition.* Child Language Proseminar
- 1997 *The cognitive neuroscience of infant look duration.* Human Development Proseminar
- 1997 *Individual differences in infant cognition.* Freshman Honors Tutorial
- 1998 *The death of nature/nurture.* Human Development Proseminar
- 1998 *The development of infant attention.* Freshman Honors Tutorial
- 1999 *Recent developments in human subjects protection.* Human Development Proseminar
- 2000 *Recent advances in the study of early attention.* Human Development Proseminar
- 2000 *Individual and developmental differences in infant visual attention.* Cognitive Psychology Proseminar.
- 2000 *Measuring attention: Behavioral and psychophysiological indices.* Quantitative Psychology Proseminar.
- 2000 *The development of infant attention.* Freshman Honors Tutorial
- 2001 *Human subjects protections in the new millenium.* Child Language Proseminar.
- 2001 *The development of infant attention.* Freshman Honors Tutorial
- 2002 *Attention and time estimation in human infants.* Cognitive Psychology Proseminar.
- 2002 *Grant writing: Tips from the reviewer's perspective.* Cognitive Psychology Proseminar.
- 2003 *Ethics in human subjects research.* Cognitive Psychology Proseminar.
- 2004 *DHA and cognitive development in infancy and toddlerhood.* Child Language Proseminar.

- 2004 *Professional Issues series. Part 1: A brief tour of higher education. Part 2: Getting and keeping an academic job.* (Both talks with Greg Simpson, Chair of Psychology). Cognitive Psychology Proseminar.
- 2004 *Applying for grants from the National Science Foundation.* Life Span Institute Brown Bag Colloquium (with Joane Nagel and Todd Little).
- 2004 *The academic job search.* Speech and Hearing Sciences Graduate Student Colloquium.
- 2006 *A history of developmental psychology at the University of Kansas.* Proseminar on Developmental Science.
- 2006 *High cognitive ability in infancy.* Cognitive Psychology Proseminar.
- 2006 *Neural synchrony in human cognition and behavior.* Cognitive Psychology Proseminar.

## Grants

### Funded External Grants (Amounts reflect both direct and indirect costs)

- 1981-1982 *Auditory preference in infants* (PI: Robert S. Bundy, State University of New York at Buffalo. Co-PI: John Colombo, State University of New York at Buffalo). National Institute of Mental Health: MH14368. \$22,500
- 1986-1987 *Individual differences in infant visual habituation.* (PI: John Colombo, University of Kansas) National Institute of Mental Health: MH41395. \$22,500.
- 1989-1991 *State organization in high-risk neonates.* (PI: John Colombo, University of Kansas). March of Dimes Birth Defects Foundation Grant #12-89. \$37,000.
- 1989-1990 *Individual differences in infant learning: Stability and reliability of infant response in the synchronous reinforcement paradigm.* (PI: John Colombo, University of Kansas). National Institute of Mental Health: MH43246. \$37,500.
- 1990-1991 *Supplementary equipment grant.* (Co-PIs: John Colombo and John Wright, University of Kansas). National Institute of Mental Health. \$20,000.
- 1993-1997 *Individual differences in infant visual processing.* (PI: John Colombo, University of Kansas). National Institutes of Health (National Institute of Child Health and Development): HD29960. \$362,024.
- 1998-2003 *Infant visual attention and preschool cognitive outcome.* (PI: John Colombo, University of Kansas). National Institutes of Health (National Institute of Child Health and Human Development): HD35903. \$741,876.
- 2001-2003 *The effect of consuming docosahexaenoic acid (DHA) -enriched eggs during the last trimester of pregnancy on infant attention development.* (Co-PIs: Susan Carlson, University of Kansas Medical Center and John Colombo, University of Kansas). OMT-2000-02: OmegaTech, Inc/Martek Biosciences. \$302,919.
- 2002-2007 *University of Kansas Center for Behavioral Neuroscience in Communicative Disorders* (PI: Mabel L. Rice. Co-PIs: Steven Barlow, John Colombo, Susan Kemper, University of Kansas). National Institute of Communicative Disorders and Stroke, DC005803. Total costs: \$1,710, 000.
- 2003-2005 *Perception and processing of time in infancy.* (PI: John Colombo, University of Kansas). National Science Foundation Grant (NSF 0318072). Total Costs: \$190,214.

- 2004-2009 *Zinc and biobehavioral development in early childhood* (PI: Laura Caulfield, Johns Hopkins School of Public Health; Subcontract Co-PIs: John Colombo, University of Kansas, and Nelly Zavaleta, Instituto de Investigaciones Nutricional). National Institutes of Health (National Institute of Child Health and Human Development) HD41184. Total costs: \$1,863,577; University of Kansas Subcontract: \$324,646.
- 2004-2005 *Conference on the assessment of cognition and language in infancy and early childhood.* (PI: John Colombo, University of Kansas. Co-PIs: Mabel Rice, University of Kansas, and Peg McCardle, National Institutes of Health). Supported by the University of Kansas Merrill Advanced Study Center, the National Institute of Child Health and Human Development, and the National Science Foundation. Total costs: \$40,000.
- 2003-2005 *The Effects Of Infant Formula Supplemented With Long Chain Polyunsaturated Fatty Acids On Visual And Cognitive Development In Term Infants.* (PI: Susan E. Carlson, University of Kansas Medical Center; Co-PI: John Colombo, University of Kansas). MJN 3370-4: Mead Johnson Nutritionals, Inc. (Research Division), \$600,000.
- 2005-2007 *Learning from dynamic visual displays.* (PI: J Heppert. Co-PIs: S. Case and J. Colombo, University of Kansas). National Science Foundation Science of Learning Center Catalyst Grant (NSF 0521860). Total costs: \$199,941
- 2006-2011 *DHA supplementation and pregnancy outcome* (PI: Susan Carlson, University of Kansas Medical Center. Co-PI: John Colombo, University of Kansas). National Institutes of Health ((National Institute of Child Health and Human Development) HD047315. Total costs: \$2,065,987; University of Kansas-Lawrence Subcontract: \$917,821.
- 2006-2007 *The effects of infant formula supplemented with long chain polyunsaturated fatty acids On Visual And Cognitive Development In Term Infants.* (PI: Susan E. Carlson, University of Kansas Medical Center; Co-PI: John Colombo, University of Kansas). MJN 3370-4 (continuation): Mead Johnson Nutritionals, Inc. (Research Division), \$715,000.

### **Funded Internal Grants**

- 1985-1986 *Acquisition/performance relationships in infancy.* (PI: John Colombo). University of Kansas Biomedical Support Grant 85-4309. \$6,000.
- 1987-1988 *Infant acquisition and retention of a visual-auditory contingency.* (PI: John Colombo). University of Kansas Biomedical Support Grant 86-4480. \$5,800.
- 1988-1989 *Reversal and nonreversal shifts in infant learning.* (PI: John Colombo). University of Kansas Biomedical Support Grant 88-4787. \$5,500.
- 1990-1991 *A signal detection analysis of infant visual recognition memory.* (PI: John Colombo). University of Kansas Biomedical Support Grant. \$6,000.
- 1992-1993 *Infants' processing of degraded visual targets: Effects of locus and type of deletion.* (PI: John Colombo). University of Kansas General Research Fund Grant. \$6,900. (\$4350 of this grant was returned to the University when an NIH proposal was funded in January of 1993).

- 1997-1998 *Individual differences in infant visual processing: A test of three hypotheses.* (PI: John Colombo). University of Kansas General Research Fund Grant. \$7,000.
- 1999-2000 *Integrating Digital Video Clips into Child Development Courses.* (PI: John Colombo). University of Kansas “Quest for the Best” Competition, Instructional Development Services. \$5,000.
- 2000-2003 *Birth DHA status: Sources and effects on attention.* University of Kansas Medical Center Research Institute Clinical Pilot Research Project. (PI: Susan Carlson, University of Kansas Medical Center. Co-PI: John Colombo, University of Kansas). \$25,000.
- 2006-2008 *Supplemental Scholarship.* The Graduate School, University of Kansas. Submitted for the Department of Psychology. \$12,000.
- 2007-2008 *Alpha-amylase levels and psychophysiological arousal in autism.* University of Kansas General Research Fund Grant. \$10,327.

### **Awards/Honors**

#### **Personal Awards/Honors**

- 1982 Youngstown State University Research Professorship.
- 1982 Postdoctoral Traineeship. University of Kansas
- 1983 Election to Sigma Xi
- 1988 Election to The Psychonomic Society
- 1989 Charter Member, American Psychological Society
- 1993 Nominee, Byron Alexander Graduate Mentor Award, College of Liberal Arts and Sciences, University of Kansas
- 1996 Nominee, Kemper Fellowship, Office of the Chancellor, University of Kansas
- 1997 Nominee, Kemper Fellowship, Office of the Chancellor, University of Kansas
- 1998 Nominee, Kemper Fellowship, Office of the Chancellor, University of Kansas
- 2000 Nominee, J. Michael Young Academic/Career Advisor of the Year, College of Liberal Arts and Sciences, University of Kansas
- 2001 J. Michael Young Outstanding Academic Advisor Award for the Social Sciences, College of Liberal Arts and Sciences, University of Kansas
- 2002 Nominee, Byron Alexander Graduate Mentor Advisor Award, College of Liberal Arts and Sciences, University of Kansas
- 2002 Outstanding Graduate and Professional Mentor, Graduate and Professional Student Association, University of Kansas
- 2002 Chancellor’s Award for Graduate and Professional Mentoring, Graduate and Professional Student Association, University of Kansas
- 2002 Fellow, Division 7, American Psychological Association
- 2003 Fellow, American Psychological Society
- 2005 Recognition for Excellence in Graduate Teaching. Award from the Center for Teaching Excellence, University of Kansas. Nominated for this award and elected to receive it by graduate students in the Department of Psychology

#### **Awards/Honors/Prizes To Students**

- 1989 PHS Traineeships (Shannon Rash, Jeffrey T. Coldren, Janet E. Frick)
- 1992 Ed Abel Sigma Xi Award for Outstanding Graduate Research (Janet E. Frick)
- 1995 University of Kansas nominee for Outstanding Master's Thesis: Midwestern Council of Graduate Institutions (Janet E. Frick)
- 1996 Undergraduate Research Award (Sheila A. Gorman)
- 1998 University of Kansas Summer Fellowship (W. Allen Richman)
- 2000 Nominee, Outstanding CLAS MA Thesis (Julie M. Maikranz)
- 2005 NIDCD predoctoral traineeship in Language Impairment across the Life Span (Audra Sterling)
- 2006 Friends of the Life Span Institute Scholarship (Christa J. Anderson)

### **Professional Activities and Service**

#### **Professional Memberships**

- 1985-present Society for Research in Child Development
- 1983-present Sigma Xi<sup>3</sup>
- 1987-present International Society for Infant Studies
- 1988-present Psychonomic Society
- 1989-present American Psychological Society
  - 2003-present Fellow
- 1997-present American Psychological Association
  - 1998-present Member, Division 7: Developmental Psychology
  - 2002-present Fellow
- 2001-2004 International Society for Developmental Psychobiology<sup>3</sup>

#### **Editorial Boards**

- 1981-present *Child Development*  
Editorial Board, 1982-1985, 1991-1997; Consulting Editor, 2003-present
- 1995- present *Infant Behavior and Development*
- 1999- present *Journal of Experimental Child Psychology*
- 2000- present *Infancy*
- 2002- present *Journal of Applied Developmental Psychology*

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<sup>3</sup> Not an active member of these two societies

### **Regular and/or Periodic Ad-Hoc Journal Reviewing**

<i>American Journal on Mental Retardation</i>	<i>International Journal of Psychophysiology</i>
<i>British Journal of Developmental Psychology</i>	<i>Journal of Pediatric Psychology</i>
<i>Child Development</i>	<i>Merrill-Palmer Quarterly</i>
<i>Cognition</i>	<i>Neurotoxicology and Teratology</i>
<i>Current Directions in Psychological Science</i>	<i>Pediatrics</i>
<i>Developmental Psychobiology</i>	<i>Psychological Bulletin</i>
<i>Developmental Psychology</i>	<i>Psychological Research</i>
<i>Developmental Review</i>	<i>Psychological Review</i>
<i>Developmental Science</i>	<i>Psychological Science</i>
<i>Early Development and Parenting</i>	<i>Psychonomic Bulletin and Review</i>
<i>European Journal of Developmental Psychology</i>	<i>Psychophysiology</i>
<i>Infant and Child Development</i>	<i>Research in Developmental Disabilities</i>
<i>Infant Mental Health Journal</i>	<i>Science</i>
<i>Intelligence</i>	<i>Social Development</i>

### **Federal and Private Grant Panel Review Committees**

1989	Ad-Hoc reviewer, March of Dimes Birth Defects Foundation
1992-present	Ad-hoc reviewing, National Science Foundation
1992	New York University Research Challenge Fund
1992-present	National Institute of Health Consultant Pool
1994-2001	Behavioral and Social Sciences Program Review Committee, March of Dimes Birth Defects Foundation
1994-1996	National Institutes of Mental Health B/START Program
1994	American Psychological Association Student Travel Awards
1995	National Institute of Child Health and Human Development, HUD-3 Study Section
1997	The Wellcome Trust, 183 Euston Road, London, NW1 2BE, UK
1999	National Institute of Child Health and Human Development, HUD-1 Study Section
2000-2001	National Institutes of Health, BBBP-4 Study Section
2001-2002	National Science Foundation, Child Research Initiative Panel
2001-2006	National Science Foundation, Development and Learning Sciences Panel
2003	National Institutes of Health, Special Emphasis Study Section (Attention and Cognition in Development)
2004-2005	United States Department of Education, Institute of Education Sciences review panel (Math and Science Education)
2005	Chair, United States Department of Education, Institute of Education Sciences review panel (Postdoctoral Trainee Grants)
2006-present	Standing Panel Member, United States Department of Education, Basic Processes (Cognition and Student Learning), Institute of Education Sciences
2007	Ad-hoc reviewer, Israel Science Foundation

### **External Faculty Promotion and Tenure Reviews**

1994	Department of Psychology, Case Western Reserve University
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1995 Department of Psychology, Virginia Tech University  
 1995 Department of Psychology, New York University  
 1996 Department of Psychology, New York University  
 1996 Department of Psychology, Hofstra University  
 1999 Department of Psychology, Lake Forest College, Elmhurst, Illinois  
 1999 Department of Psychology, University of Kentucky  
 2000 Department of Psychology, Brown University  
 2000 Department of Psychology, Virginia Tech University  
 2003 Department of Psychology, University of Iowa  
 2004 Department of Psychology, York University, Toronto, Canada  
 2006 Department of Psychology, Denver University  
 2006 Department of Psychology, University of California at Davis

### **National/International Service to Professional Organizations**

1985-present Society for Research in Child Development (biannually since initial date)  
 1986-present International Conference on Infant Studies (biannually since initial date)  
 1989 Local Arrangements Committee, Society for Research in Child Development  
 1989-1993 Executive Committee, University of Kansas Chapter of Sigma Xi.  
     Secretary, 1989-1990  
     President-Elect, 1990-1991  
     President, 1991-1992  
     Committee on Membership, 1992-1993  
 1996 American Psychological Association: Selection Committee for Boyd McCandless Award (Distinguished Early Career Contributions to Developmental Psychology)  
 2000 March of Dimes Birth Defects Foundation: Subcommittee on Funding Priorities and Proposals in the Behavioral and Social Sciences  
 2002-2003 Senior mentor (for Dr. Deborah Linebarger, Annenberg School of Communications, University of Pennsylvania), William T. Grant Scholars Program  
 2002 Advisory Board, *Encyclopedia of Clinical Child and Pediatric Psychology*. Kluwer Academic/Plenum Publishers, New York.  
 2005 Panel Chair, "Attention, Perception, and Learning," Society for Research in Child Development, Atlanta, GA  
 2003-2006 Fellows Committee, Division 7 (Developmental Psychology), American Psychological Association  
 2004 Society for Research in Child Development Task Force on Journals and Memberships  
 2008 Panel Chair, "Attention, Learning, and Memory," International Conference on Infant Studies, Vancouver, British Columbia

## Service to the University of Kansas

### *University Level Service*

- 1988 Planning and Building Committee, University of Kansas Regents Center.
- 1989-present University of Kansas Advisory Committee on Human Experimentation (Campus-Wide Institutional Review Board)  
Acting IRB Chairperson, September-October, 1992  
Coordinator Search Committee, 1993  
IRB Chair, December, 1993-present  
IRB Issues Subcommittee, 1999-2000
- 1989 Committee for Dedication of the Dole Human Development Center
- 1989 Life-Span Cognitive Search Committee, Department of Psychology
- 1995 Participant, New Student Summer Orientation Program
- 1997 Participant, New Student Summer Orientation Program
- 1995-2002 Graduate Council, University of Kansas  
1999 Subcommittee on Graduate Program Review  
2000 Standing Committee of the Graduate Council on Periodic Program Review
- 2000 University of Kansas Center for Research, Director of Research Compliances and Contracts Search
- 2001-2002 Chancellor's Policy Group: Task Force on Institutional Review Boards
- 2001-2002 Chancellor's Policy Group: Task Force on Conflict of Interest
- 2001-2004 Undergraduate Academic Concerns Committee
- 2001-2004 Associate Dean of the Graduate School  
Director, *Preparing Future Faculty (PFF)* Program  
Coordinator, Graduate Faculty Dissertation Status Review  
Coordinator, Periodic Graduate Program Review  
Coordinator, Annual Graduate Outcome Assessments  
Chair, Provost's Task Force on Graduate Education (2002-2003)  
Coordinator, KU Participation in National Surveys of Graduate Education  
Coordinator, Outstanding GTA and Distinguished Service GTA Awards  
Coordinator, Graduate School Educator Awards and Dissertation Prize  
Coordinator, Special Studies Degree Requests  
Coordinator, Graduate Research Assistant Tuition Compensation Committee  
Other duties as assigned by the Dean
- 2004 Review committee for Vice Chancellor of the Edwards Campus (Chair, faculty review)
- 2005 Search committee, Research Integrity Officer, University of Kansas Center for Research, Inc.
- 2005 Graduate Task Force on Graduate Student Support (Subcommittee on Research), The Graduate School
- 2006 Search committee, Compliance Coordinator, University of Kansas Center for Research, Inc.

- 2006-present    Research Integrity Advisory Committee, University of Kansas Center for Research, Inc.
- 2006            Panelist for Workshop on Graduate Mentoring, The Office of the Graduate School and International Programs
- 2007            Facilitator, “Your First Grant: Getting it and Managing it.” First Annual Research Summit, University of Kansas Center for Research/University of Kansas Faculty Senate

*College and Extradepartmental Service*

- 1991-1992      Clinical Child Psychology Program: Graduate Admissions Committee
- 1994            College of Liberal Arts and Sciences: Social Sciences General Research Fund Competition Committee
- 1997            Department of Psychology: Cognitive Search Committee
- 1998-2004      Human Biology Program  
                     Departmental Liaison for Human Development, 1998-2002  
                     Departmental Liaison for Psychology, 2002-2004
- 1999            College of Liberal Arts and Sciences Committee on Promotion and Tenure (Spring semester)
- 1999-2002      College of Liberal Arts and Sciences Committee on the Budget  
                     2000    Subcommittee on Departmental Summer Budget Reallocation  
                     2000    Chair, Cramer Award Committee for Teaching and Research in the Departments of Spanish & Portuguese and French & Italian
- 2000-2001      College of Liberal Arts and Sciences: Social Sciences General Research Fund Competition Committee
- 2000            College of Liberal Arts and Sciences: Linguistics Chairperson Search Committee List
- 2000            College of Liberal Arts and Sciences: Committee on Faculty Elections
- 2003-2004      Cognitive Neuroscience Search Committee, Speech, Language, and Hearing Sciences
- 2004-2005      Cognitive Neuroscience Search Committee, Speech, Language, and Hearing Sciences
- 2006-2009      College Committee on Appointments, Promotion, and Tenure
- 2006            Chair, College of Liberal Arts and Sciences Grievance Committee

*Departmental Service Committees*<sup>4</sup>

- 1987            Computer
- 1988            Computer, Comprehensives, Faculty Development, Graduate Curriculum
- 1989            Computer, Comprehensives, Faculty Development, Graduate Curriculum
- 1990            Computer, Comprehensives, Faculty Development, Graduate Curriculum
- 1991            Computer (Chair), Comprehensives, Faculty Development, Graduate Curriculum, Search.

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<sup>4</sup> Note: Departmental service from 1987 to 2001 provided to the Department of Human Development and Family Life. Service from 2002 to the present provided to the Department of Psychology

1992 Computer (Chair), Comprehensives, Faculty Development, Graduate Curriculum, Search, Graduate Research Fund Proposal Evaluations, Merit Pay.

1993 Comprehensives, Faculty Development, Graduate Curriculum, Undergraduate Grievance

1994 Comprehensives, Faculty Development, Graduate Curriculum, Alternative Teaching Load Policy Subcommittee

1995 Comprehensives, Faculty Development, Graduate Curriculum (Chair), Acting Graduate Director

1996 Graduate Curriculum (Chair), Comprehensives, Faculty Development, Cognitive Developmental Search (Chair), Merit Pay, Graduate Director

1997 Comprehensives, Faculty Development, Graduate Curriculum (Chair), Search (Chair), Graduate Director

1998 Comprehensives, Faculty Development, Graduate Curriculum (Chair), Search (Chair), Graduate Director

1999 Comprehensives, Faculty Development, Graduate Curriculum (Chair), Committee on Departmental Planning/Future, Graduate Director

2000 Comprehensives, Faculty Development, Graduate Curriculum (Chair), Committee on Departmental Planning/Future, Graduate Director

2001 Comprehensives, Faculty Development, Graduate Curriculum (Chair), Graduate Director

2002-2004 Promotion, Tenure, and Merit

2003 Cognitive Neuroscience Search Committee (Chair)

2002-2004 Edwards Campus Developmental Psychology BA Program

2004 Quantitative Search Committee

2004 Co-Founder and Co-Director, Developmental Psychology Graduate Training Program

2005-2006 Acting Chairperson

2005-present Graduate Director

### **Disciplinary Service to the Community and Industry**

1988 Consultant, Catholic Social Services Adoption Agency, Topeka, KS

1988 Reviewer, West Publishing Company

1988 Consultant, Institut de Nutricion y Tecnologia del los Alimentos, Universidad de Chile

1988 Reviewer, Houghton-Mifflin Publishing Company

1990-1992 Consultant, Psychologisch Instituut Heymans, University of Groningen, Netherlands.

1990 Consultant, Department of Psychiatry. University of California at Los Angeles

1990-1992 Member, National Advisory Board, *An investigation of interactions between behavior state conditions and environmental events among children and youth with profound and multiple handicaps*. NIDR-Funded Project, (D. Guess, PI). Department of Special Education, University of Kansas.

1990 Consultant, Department of Pediatrics, Case Western Reserve University, Cleveland, Ohio.

1991 Consultant, Project Me, Inc., Tuscon, Arizona. (Project funded by consortium of USO, Johnson & Johnson, USDOD)

1991 Consultant, New York State Institute for Research on Developmental Disabilities

1991 Consultant, Department of Psychology. University of North Carolina at Asheville.

1992- Consultant, Department of Pediatrics. University of Tennessee Medical School, Memphis.

1992-1996 Consultant, *Epidemiology of schizophrenia*. NICHD-funded project (S. Mednick, PI). USC Center for Longitudinal Research/Institute for Preventive Medicine.

1993 Consultant, Department of Psychology. York University, Toronto, Ontario, Canada

1994-1996 Consultant and Collaborator, Frank Porter Graham Child Development Center, University of North Carolina.

1995 Consultant and Collaborator, Department of Biobehavioral Sciences, University of Connecticut

1994 Consultant and Collaborator, Oregon Regional Primate Center/Oregon Health Sciences University, Portland.

1995 Consultant, Pediatric Research and Development, Ross Laboratories, Columbus, Ohio

1995 Consultant, Department of Psychology, Fort Hays State University, Hays, Kansas.

1996 Consultant, Department of Psychology, Niagara University, Niagara Falls, New York.

1996-2002 Consultant, The Lighthouse, Inc. New York, New York.

1996 Reviewer and Evaluator, Federation of American Societies for Experimental Biology. Bethesda, Maryland.

1996 Reviewer, Blackwell Publishers, Oxford, England.

1997-2002 Member, National Advisory Board, *Early childhood research institutes on measuring growth and development*. USDE-Funded Multisite Project (J. Carta, S. McConnell, R Kaminski, PIs). Universities of Oregon, Minnesota, and Kansas.

1998 Consultant, Midwest Research Institute, Kansas City, Missouri

1998 Reviewer, Addison Wesley Longman, Reading, Massachusetts

2000 Consultant, School of Public Health, Johns Hopkins University, Baltimore, Maryland

2000 Consultant, Department of Family Studies, Texas Tech University, Lubbock, Texas

2000 Consultant, School of Public Health, Nutrition and Maternal Health Unit, Harvard University, Cambridge, Massachusetts

2000 Contributor and Consultant, BBC Television, London, England

2000 Contributor and Consultant, CNN Online: *AsiaWeek Magazine*

2001-2005 Member, Advisory Panel for Bayley Scales of Infant Development-III. Psychological Corporation/Harcourt-Brace-Jovanovich/Educational Testing Service, San Antonio, TX.

2002-present Continuing contributor and consultant, *Parenting Magazine*

2002-2005 Research Affairs Consultant, Mead Johnson Nutritionals, Evansville, IN

2003 Contributor and Consultant, MSNBC Online

2003 Medical Affairs Consultant, Mead Johnson Nutritionals, Evansville, IN

2003 Contributor and Consultant, WebMD Health Affairs

2003 Infant/Toddler Clinical Trial Expert Panel, Martek Biosciences Inc., Columbia, MD

2004 Consultant, *Predicting useful speech in children with autism*. USDE proposal (P. Yoder, PI). Vanderbilt University and the University of North Carolina.

2004 Contributor and Consultant, *Taca Magazine*

2005-2006 Member, International Advisory Board, New Zealand Milk, Auckland, New Zealand.

2005 Contributor and Consultant, *American Baby Magazine*

2005 Participant and Plenary Speaker, Mead Johnson Nutritionals Speakers Development Series

2005 Consultant, Department of Psychology/Department of Nutrition, Oklahoma State University

2006 Consultant, Department of Nutrition, University of British Columbia

2005-2009 Consultant, *DHB: The Emergence of Social Attention-Sharing in Infancy: Behavioral and Computational Tests of a New Theory* (PI: Gedeon Deák, University of California at San Diego. Co-PIs: Jochen Triesch and Kang Lee, University of California at San Diego). National Science Foundation 0527756.

2005-2009 Consultant, *Predicting comprehension growth in children with autism*. (PI: Paul Yoder, Vanderbilt University. Co-PI: Jane Roberts, University of North Carolina at Chapel Hill. National Institute of Health (NIDCD): 1 R01 DC006893-01.

2006 Contributor and Consultant, *www.wired.com*

2006 Consultant, US Tuna Foundation

2006-present Contributor and Consultant, Fragile X Research Center, Frank Porter Graham Institute for Child Development, University of North Carolina, Chapel Hill, NC

2006-present Consultant, Fonterra Brands Limited. Auckland, New Zealand.

### Graduate Degree Committees

1987	Jeffrey T. Coldren	M.A., Human Development
1988	Sabrina M. Oppenheimer	M.A., Human Development
1989	Yvonne M. Caldera D. Wayne Mitchell	Comprehensives, Human Development Ph.D., Human Development
1990	James T. Todd Yvonne M. Caldera	Ph.D., Human Development Ph.D., Human Development
1991	Laura J. Freeseaman Jeffrey T. Coldren Saundra J. Dickerson	M.A. (Chair), Human Development Comprehensives (Chair), Human Development M.A., Human Development
1992	Jeffrey T. Coldren Kimberlee M. Murphy Tiffany M. Merkel Janet E. Frick Charalambos C. Cleanthous	Ph.D. (Chair), Human Development M.A., Human Development M.A., Human Development M.A. (Chair), Human Development Comprehensives, Human Development
1993	Terrill F. Saxon Marites Y. Piñon Jo Ann Hinton	Comprehensives, Educational Psychology Ph.D., Human Development M.A., Human Development
1994	Hideya Koshino Charalambos C. Cleanthous Pippa M. Stevens-Loupe Jennifer S. Ryther Ron S. Hammock	Comprehensives, Psychology (Cognitive) Ph.D., Human Development Comprehensive, Human Development M.A. (Chair), Human Development M.A., Human Development
1995	Hideya Koshino Rodney E. McNeal Jennifer J Gifford V. Kristi Ortiz Terrill F. Saxon Pippa M. Stevens-Loupe Deborah A. Linebarger Jana D. Ortiz	Ph.D., Psychology (Cognitive) M.A., Clinical Child Psychology M.A. (Chair), Human Development M.A., Human Development Ph.D., Educational Psychology Ph.D., Human Development M.A., Educational Psychology M.A. (Chair), Clinical Child Psychology
1996	Bryan M. Midgley Janet E. Frick John A. Stanford	Comprehensives, Human Development Comprehensives (Chair), Human Development M.A., Human Development

	Janet E. Frick Matthew J. Peterson Nannette J. Wolford Camille J. Randall	Ph.D. (Chair), Human Development Comprehensives, Psychology (Cognitive) Comprehensives, Health and Physical Education M.A., Clinical Child Psychology
1997	Matthew J. Peterson Christine A. Kildow Sarah A. Trane Kevin J. Casebolt Catherine J. Hood Rodney E. McNeal Michael J. Lind Lisa Buckloh	Ph.D., Psychology (Cognitive) M.A., Human Development Comprehensives, Clinical Child Psychology Comprehensives, Health and Exercise Science M.A., Clinical Child Psychology Ph.D., Clinical Child Psychology Comprehensives, Counseling Psychology Ph.D., Clinical Child Psychology
1998	John A. Stanford John A. Stanford Kevin Casebolt Daniel Wright David Cain Virginia Gronwaldt Rong Chen	Comprehensives, Human Development Ph.D., Human Development Ph.D., Health, Sport, and Exercise Science Comprehensives, Clinical Child Psychology Comprehensives, Educational Psychology Ph.D., Human Development M.A., Human Development
1999	W. Allen Richman Prathyusha Duvuru Carolyn Graff Enrique Varela Julie M. Maikranz Billie Higheagle	M.A. (Chair), Human Development Comprehensives, Psychology (Cognitive) Comprehensives, Nursing Comprehensives, Clinical Child Psychology M.A. (Chair), Human Development Program Committee, Child Language
2000	Julie E. Harlan Twila Brown Bryan D. Midgley	M.A. (Chair), Human Development Comprehensives, Nursing Ph.D., Human Development
2001	Daniel Wright Carolyn Graff D. Jill Shaddy	Ph.D., Clinical Child Psychology Ph.D., Nursing M.A. (Chair), Human Development
2002	Prathyusha Duvuru Twila Brown W. Allen Richman Kirsten Kakolewski Anthony Adamopolous James Bovaird	Ph.D., Psychology (Cognitive) Ph.D., Nursing Comprehensive orals (Chair), Human Development Comprehensive orals (Chair), Psychology Comprehensive orals, Psychology Ph.D., Psychology (Quantitative)
2003	W. Allen Richman	Ph.D., Human Development (Chair)

	Yang Xiangdong	Comprehensive orals, Psychology (Quantitative)
	Dominie M. Haas	M.A., Psychology (Cognitive)
	Alisa Miller	M.A., Psychology (Cognitive)
	Otilia Blaga	M.A., Psychology (Cognitive, Chair)
	Rebecca Johnson	Comprehensives, Clinical Child Psychology
	Yang Xiangdong	Ph.D., Psychology (Quantitative)
	Ming-Chou Ho	Comprehensives, Psychology (Cognitive)
2004	Monica Tsethlikai	Prelim reading committee, Psychology (Cognitive)
	Alisa Miller	Prelim reading committee, Psychology (Cognitive)
	Meredith Estep	Program committee, Neuroscience
	Patricia Semb	M.A., Human Development
	Jeffrey Dressel-White	M.A., Psychology (Cognitive)
	Anthony Adamopolous	Ph.D., Psychology (Cognitive)
	Stacy Betz	Comprehensive orals, Child Language
	Ming-Chou Ho	Ph.D., Psychology (Cognitive)
	Peter Stewart	M.A. (proposal) Clinical Child Psychology
	Christa J. Anderson	M.A., Psychology (Cognitive, Chair)
2005	Monica Tsethlikai	Comprehensive orals, Psychology (Cognitive)
	Monica Tsethlikai	Ph.D., Psychology (Cognitive)
	Kerry Proctor-Williams	Ph.D., Child Language
	Alicia McKay	M.A., Psychology (Cognitive)
	Kerri Kim	M.A. (proposal), Clinical Child Psychology
	Rebecca Johnson	Ph.D., Clinical Child Psychology
	Deanna Hanson-Abromeit	Comprehensive orals, Music Education and Therapy
	Stacy Betz	Ph.D., Child Language
	Julie Maikranz	Ph.D., Clinical Child Psychology
	Alisa Miller Beyer	Comprehensive orals, Psychology (Cognitive)
	Peter Stewart	M.A., Clinical Child Psychology
	Meredith McKee	Comprehensive orals, Applied Behavioral Science
2006	Brandon Aylward	M.A. (proposal), Clinical Child Psychology
	Jeffrey White-Dressel	Comprehensive orals, Psychology (Cognitive)
	J. Devin Land	Comprehensive orals, Psychology (Cognitive)
2007	Brandon Aylward	M.A., Clinical Child Psychology
	Audra Sterling	M.A., (Co-Chair) Psychology (Cognitive)
	Otilia Blaga	Comprehensive orals (Chair), Psychology (Cognitive)
	J. Devin Land	Ph.D., (Acting Chair) Psychology (Cognitive)
	Jeffrey White-Dressel	Comprehensive orals, Psychology (Cognitive)
	Kelly McNamara	M.A. (proposal), Developmental Psychology

## Advisee Placements and Current Advisees

### *Predoctoral Advisees:*

Shannon Rash (MA, 1990)

Laura Freeseaman (MA, 1991)

Jeffrey Coldren (PhD, 1992)

Jennifer Ryther Allen (MA, 1995)

Jennifer Stoecker (MA, 1995)

Jana Ortiz<sup>5</sup> (MA, 1996)

Janet Frick, Ph.D. (PhD, 1996)

Kevin Casebolt<sup>6</sup> (PhD, 1999)

Julie Harlan (MA, 2000)

W. Allen Richman (PhD, 2003)

### *Current Position:*

Supervisor, Services for Hearing-Impaired, Southwestern Bell Relay Station, Lawrence, KS

Senior Financial Analyst, Sprint Communications, Inc., Kansas City, MO; Ph.D. program, Communication Studies, University of Kansas

Professor of Psychology and Rich Center Faculty Fellow, Youngstown State University, Youngstown, OH

Owner and operator, "One of a Kind" infant daycare and preschool facility, Lawrence, KS.

Database Manager, Students in Free Enterprise, Springfield, MO.

Ph.D. program, Clinical Child Psychology, University of Kansas, Lawrence, KS.

Associate Professor of Psychology, University of Georgia, Athens, GA.

Associate Professor of Physical Education, East Stroudsburg State University, Stroudsburg, PA.

Account Analyst, Sprint Communications, Inc., Kansas City, MO.

Assistant Professor of Education (Early Childhood, Reading/Language Arts), Macon State College, Macon, GA.

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<sup>5</sup>Co-advised with Michael C. Roberts, Professor of Psychology and Human Development, and Director of Child Clinical Program.

<sup>6</sup>Co-advised with Dr. Leon Greene, Professor of Health, Sport, and Exercise Science.

D. Jill Shaddy (MA, 2001)	Coordinator, Participant Management and Recruitment Core, University of Kansas Center for Behavioral Neurosciences in Communication Disorders, Life Span Institute, University of Kansas, Lawrence, KS
Julie Maikranz (MA, 2000; PhD, 2004)	Staff therapist, Catholic Youth Services, St. Louis, MO
Otilia Blaga (MA, 2003)	PhD program in Cognitive Psychology, current advisee
Christa Anderson (MA, 2004)	PhD program in Cognitive Psychology, current advisee
Kirsten Kakolewski	PhD program in Clinical Psychology, current advisee
Audra Sterling (MA, 2007)	PhD program in Cognitive Psychology, current co-advisee
Tasha Schmeidler	PhD program in Cognitive Psychology, current advisee
Julie Curtindale (MA, 2006)	PhD program in Developmental Psychology, current advisee
Leah Kapa	PhD Program in Clinical Child Psychology, current advisee

*Postdoctoral Advisees:*

*Current Position:*

Terrill F. Saxon, Ph.D. (1997)	Associate Professor and Chair, Department of Educational Psychology, Baylor University, Waco, TX
Kathleen Kannass (2000-2004)	Assistant Professor, Department of Psychology, Loyola University of Chicago
Carol Cheatham (2004-present)	Research Assistant Professor, Department of Dietetics and Nutrition, University of Kansas Medical Center, and Schiefelbusch Institute for Life Span Studies, University of Kansas, Lawrence