

CURRICULUM VITAE

John Colombo

PERSONAL INFORMATION AND CONTACTS

Offices	Schiefelbusch Institute for Life Span Studies 1000 Sunnyside Boulevard University of Kansas Lawrence, KS 66045-7555	Institute: Direct Line:	(785) 864-4295 (785) 864-0569
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	Department	https://psychology.ku.edu/people/john-colombo	
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EDUCATION AND PROFESSIONAL TRAINING

1982	PHS (NIH) Postdoctoral Trainee, University of Kansas
1981	Ph.D., Psychology (Developmental). State University of New York at Buffalo
1979	M.A., Psychology (Developmental). State University of New York at Buffalo
1977	B.A., Psychology and Sociology. State University of New York at Buffalo

ACADEMIC AND RESEARCH INTERESTS

Developmental cognitive neuroscience of attention, learning, and executive function in infancy and early childhood:

Individual differences and measurement

Long-term effects of early experience on development:

Developmental origins of health and disease

Critical and sensitive periods in development

Effects of early nutrition on cognition

Developmental research design and quantitative methods

Longitudinal design and analysis and clinical trials

ACADEMIC POSITIONS

University of Kansas, Lawrence, KS

Schiefelbusch Institute for Life Span Studies/Bureau of Child Research, 1982-present

2008-present	Director
2008	Interim Director
2004-2007	Associate Director for Cognitive Neuroscience
1985-1988	Research Associate
1982-1985	PHS Postdoctoral Trainee

Department of Psychology, 2002-present

2002-present	Professor
2005-2007	Graduate Director
2005-2006	Acting Chairperson
2004-2007	Co-Director, Developmental Graduate Program

Office of the Dean of the College of Liberal Arts and Sciences, 2019-2023

2019-2023	Interim Dean
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Office of the Vice Chancellor for Research, 2017-2019

2017-2019	Interim Vice Chancellor for Research
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The Graduate School, 2001-2004

2001-2004	Associate Dean
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Department of Human Development and Family Life, 1988-2001

1997-2001	Professor
1995-2001	Graduate Director
1992-1996	Associate Professor
1988-1991	Assistant Professor
1982-1987	Research Associate and Courtesy Assistant Professor

Other Positions

2008-2021	Kansas Intellectual and Developmental Disabilities Research Center
2008-2021	Principal Investigator, 2008-2021
2016-2021	Co-Scientific Director, Clinical-Translational Core, Kansas Intellectual and Developmental Disabilities Research Center,
2002-2009	Director, Participant and Recruitment Core, Center for Behavioral Neuroscience in Speech and Communication Disorders
2000-present	Professor/Participating Faculty, Neuroscience Doctoral Program
1998-2003	Participating Faculty, Interdisciplinary Training Grant in Mental Retardation/Developmental Disabilities
1998	Professor/Faculty Liaison, Human Biology Program
1996-2001	Courtesy Professor of Psychology
1989-2009	Mental Retardation Research Center, Schiefelbusch Institute of Life Span Studies
1989-2009	Co-Director, Technology Enhancement Core,
1989-1995	Director, Communications and Graphics Core,
1993-2012	Faculty Chair, Institutional Review Board, Lawrence Campus

University of South Carolina, Columbia, SC

2003	Visiting Professor (sabbatical)
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Youngstown State University, Youngstown OH

1981-1982	Instructor, Department of Psychology, Youngstown State University
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Canisius College, Buffalo, NY

1979-1981	Part-Time Faculty, Department of Psychology
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Niagara University, Niagara Falls, NY

1980-1981	Part-Time Faculty, Department of Psychology
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State University of New York at Buffalo, Amherst, NY

1977-1982	Graduate Research/Teaching Assistant, Department of Psychology
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COURSES TAUGHT

Undergraduate

Child Development
Cognitive Development
Cognitive Psychology
Developmental Psychology
Early Experience and Human Development
(Honors)
Infant Behavior and Development
Introductory Psychology
Research Methods in Psychology

Graduate

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

Student evaluations for most courses are available upon request

PUBLICATIONS¹

Books

1. **Colombo J**, Fagen JW (Eds., 1990). *Individual differences in infancy: Reliability, stability, and prediction*. Hillsdale, NJ: Lawrence Erlbaum and Associates.
2. Horowitz FD, **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.
3. **Colombo J** (1993). *Infant cognition: Predicting later intellectual functioning*. Newbury Park, CA: Sage Publications, Inc.
4. Coldren JT, **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)
5. **Colombo J**, McCardle P, Freund L (Eds., 2009). *Infant pathways to language: Methods, models, and research directions*. New York, NY: Psychology Press/Taylor and Francis.
6. **Colombo J**, Koletzko B, Lampl M (Eds., 2018). *Recent research in nutrition and growth*. Nestlé Nutrition Institute, Switzerland/S. Karger AG., Basel.

Journal Articles²

1. Meacham JA, **Colombo J**. (1980). External cues facilitate prospective remembering in 5- and 7-year-olds. *Journal of Educational Research*, 3, 299-301.
<https://www.tandfonline.com/doi/abs/10.1080/00220671.1980.10885254>
2. **Colombo J**, Bundy RS. (1981). A method for the measurement of infant auditory selectivity. *Infant Behavior and Development*, 4, 229-231.
[https://doi.org/10.1016/S0163-6383\(81\)80025-2](https://doi.org/10.1016/S0163-6383(81)80025-2)
3. Bundy RS, **Colombo J**, Singer JT. (1982). Pitch perception in young infants. *Developmental Psychology*, 18, 10-14.
<http://dx.doi.org/10.1037/0012-1649.18.1.10>

¹For up-to-date citation metrics, see <https://scholar.google.com/citations?user=0639d48AAAAJ&hl=en>

²Notes: Asterisks indicate shared primary authorship. Primary authorship in behavioral science journals is typically denoted by the author listed, while in pediatric/nutrition science journals it is often denoted by the last author listed.

4. **Colombo J.** (1982). The critical period concept: Research, methodology, and conceptual issues. *Psychological Bulletin*, 92, 260-275. PMID: 7071261
<http://dx.doi.org/10.1037/0033-2909.91.2.260>
5. **Colombo J**, Bundy RS (1983). Infant response to auditory familiarity and novelty. *Infant Behavior and Development*, 6, 305-311.
[https://doi.org/10.1016/S0163-6383\(83\)80039-3](https://doi.org/10.1016/S0163-6383(83)80039-3)
6. **Colombo J**, Laurie CA, Martelli TA, Hartig BR (1984). Stimulus context and infant orientation discrimination. *Journal of Experimental Child Psychology*, 37, 576-586. PMID: 6747549
[http://dx.doi.org/10.1016/0022-0965\(84\)90077-8](http://dx.doi.org/10.1016/0022-0965(84)90077-8)
7. **Colombo J**, Horowitz FD. (1985). A parametric study of the infant control procedure. *Infant Behavior and Development*, 8, 117-121.
[https://doi.org/10.1016/S0163-6383\(85\)80023-0](https://doi.org/10.1016/S0163-6383(85)80023-0)
8. **Colombo J.** (1985). Infant attention to spectral complexity. *Journal of Genetic Psychology*, 146, 519-522. PMID: 3835230
<https://doi.org/10.1080/00221325.1985.10532471>
9. **Colombo J**, Horowitz FD (1986). Infants' attentional responses to frequency modulated sweeps. *Child Development*, 57, 287-291. PMID: 3956313
<https://doi.org/10.2307/1130583>
10. **Colombo J**, O'Brien M, Mitchell DW, Horowitz FD (1986). Stimulus salience and relational processing. *Infant Behavior and Development*, 9, 377-380.
[https://doi.org/10.1016/0163-6383\(86\)90010-X](https://doi.org/10.1016/0163-6383(86)90010-X)
11. **Colombo J**, Mitchell DW, O'Brien M, Horowitz FD (1987). Stability of infant visual habituation during the first year. *Child Development*, 58, 474-489. PMID: 3829788
<http://dx.doi.org/10.2307/1130524>
12. **Colombo J**, Mitchell DW, O'Brien M., Horowitz FD (1987). Stimulus and motoric influences on visual habituation at three months. *Infant Behavior and Development*, 10, 173-181.
[https://doi.org/10.1016/0163-6383\(87\)90032-4](https://doi.org/10.1016/0163-6383(87)90032-4)
13. **Colombo J**, O'Brien M, Mitchell DW, Roberts KR, Horowitz FD (1987). A lower boundary for visual categorization in preverbal infants. *Journal of Child Language*, 14, 383-385 PMID: 3611249
<https://doi.org/10.1017/S030500090001299X>
14. **Colombo J**, Horowitz FD (1987). Behavioral state as a lead variable in neonatal research. *Merrill-Palmer Quarterly of Behavioral Development*, 33, 423-438. <http://www.jstor.org/stable/23086402>
15. Zheng, SY, **Colombo J**, Horowitz FD (1988). Psychological development of the only child: Implications for the Chinese single-child policy. *Chinese Journal of Practical Pediatrics* (Beijing, China), 5, 271-272. http://caod.oriprobe.com/articles/38558827/du_sheng_zi_nv_de_xin_li_fa_zhan_.htm
16. **Colombo J**, Mitchell DW (1988). Infant visual habituation: In defense of an information-processing analysis. *European Bulletin of Cognitive Psychology/Cahiers de Psychologie Cognitive*, 8, 455-461.
<https://psycnet.apa.org/record/1989-32390-001>
17. **Colombo J**, Mitchell DW, Horowitz FD (1988). Infant visual behavior in the paired-comparison paradigm: Test-retest and attention-performance relations. *Child Development*, 59, 1198-1210. PMID: 3168636
<http://dx.doi.org/10.2307/1130483>

18. Moss MM, **Colombo J**, Mitchell DW, Horowitz FD (1988). Neonatal behavioral organization and 3-month visual discrimination. *Child Development*, 59, 1211-1220. PMID: 3168637
<https://www.jstor.org/stable/i247369>
19. Zheng SY, **Colombo J** (1989). Gender differences, family configuration, and preschool social participation. *Journal of Genetic Psychology*, 150, 45-50.
<http://dx.doi.org/10.1080/00221325.1989.9914573>
20. **Colombo J**, Moss MM, Horowitz FD (1989). Neonatal state profiles: Reliability and short-term prediction of neurobehavioral status. *Child Development*, 60, 1102-1110. PMID: 2805889
<https://www.jstor.org/stable/1130785>
21. Bundy RS, **Colombo J**, Warnick-Yarmel, P (1989). Association learning and pitch perception. *Bulletin of the Psychonomic Society*, 27, 234-236.
<http://dx.doi.org/10.3758/BF03334593>
22. **Colombo J**, Mitchell DW, Dodd JD, Coldren JT, Horowitz FD (1989). Longitudinal correlates of infant attention in the paired comparison paradigm. *Intelligence*, 13, 33-42. [http://dx.doi.org/10.1016/0160-2896\(89\)90004-4](http://dx.doi.org/10.1016/0160-2896(89)90004-4)
23. **Colombo J**, McCollam K, Coldren JT, Mitchell DW, Rash SJ (1990). Form categorization in 10-month-old infants. *Journal of Experimental Child Psychology*, 49, 173-188. PMID: 2332720
[http://dx.doi.org/10.1016/0022-0965\(90\)90054-C](http://dx.doi.org/10.1016/0022-0965(90)90054-C)
24. Horowitz FD, **Colombo J** (1990). Future agendas and directions for infancy research. *Merrill-Palmer Quarterly of Behavioral Development*, 36, 173-178.
<https://www.jstor.org/stable/23087419>
25. **Colombo J**, Mitchell DW, Coldren JT, Atwater JD (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
<http://dx.doi.org/10.1037/0278-7393.16.1.98>
26. **Colombo J**, Mitchell DW, Coldren JT, Freeseaman LJ (1991). Individual differences in infant attention: Are short lookers faster processors or feature processors? *Child Development*, 62, 1247-1257. PMID: 1786713
<https://doi.org/10.1111/j.1467-8624.1991.tb01603.x>
27. Freeseaman LJ, **Colombo J**, Coldren JT (1993). Individual differences in infant visual attention: Four-month-olds' discrimination and generalization of global and local stimulus properties. *Child Development*, 64, 1191-1203. PMID: 8404264
<https://doi.org/10.1111/j.1467-8624.1993.tb04195.x>
28. **Colombo J**, Frick JE, Ryther JS, Coldren JT, Mitchell DW (1995). Infants' detection of analogs of "motherese" in noise. *Merrill-Palmer Quarterly of Behavioral Development*, 41, 104-113.
<https://www.jstor.org/stable/23087457>
29. **Colombo J** (1995). On the neural mechanisms underlying developmental and individual differences in infant fixation duration: Two hypotheses. *Developmental Review*, 15, 97-135.
<https://doi.org/10.1006/drev.1995.1005>
30. **Colombo J**, Ryther JS, Frick JE, Gifford JJ (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.
[https://doi.org/10.1016/S0163-6383\(98\)90006-6](https://doi.org/10.1016/S0163-6383(98)90006-6)

31. **Colombo J**, Freeseaman LJ, Coldren JT, Frick JE (1995). Individual differences in infant visual fixation: Dominance of global and local stimulus properties. *Cognitive Development*, 10, 271-285.
[https://doi.org/10.1016/0885-2014\(95\)90012-8](https://doi.org/10.1016/0885-2014(95)90012-8)
32. **Colombo J** (1995). Cost, utility, and the judgments of institutional review boards. *Psychological Science*, 6, 318-319.
<https://doi.org/10.1111/j.1467-9280.1995.tb00518.x>
33. Frick JE, **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
<https://doi.org/10.1111/j.1467-8624.1996.tb01728.x>
34. **Colombo J**, Frick JE, Ryther JS, Gifford JJ (1996). Individual differences in infant visual attention: Four-month-olds' recognition of complementary contour forms. *Infant Behavior and Development*, 19, 113-119.
[https://doi.org/10.1016/S0163-6383\(96\)90049-1](https://doi.org/10.1016/S0163-6383(96)90049-1)
35. Saxon TF, Frick JE, **Colombo J** (1997). Individual differences in infant visual fixation and maternal interactional styles. *Merrill-Palmer Quarterly of Behavioral Development*, 43, 48-66
<https://doi.org/10.1177/014272379701705112>
36. **Colombo J**, Frick JE, Gorman SA (1997). Sensitization during visual habituation sequences: Procedural effects and individual differences. *Journal of Experimental Child Psychology*, 67, 223-235. PMID: 9388807
<https://doi.org/10.1006/jecp.1997.2406>
37. Stoecker JJ, **Colombo J**, Frick JE, Ryther JS (1998). Long- and short-looking infants' recognition of symmetrical and asymmetrical visual forms. *Journal of Experimental Child Psychology*, 71, 63-78. PMID: 9742186
<https://doi.org/10.1006/jecp.1998.2460>
38. Frick JE, **Colombo J**, Saxon, TF (1999). Individual and developmental differences in disengagement of fixation in early infancy. *Child Development* 70, 537-548. PMID: 10368908
<https://doi.org/10.1111/1467-8624.00039>
39. Saxon TF, **Colombo J**, Robinson EL, Frick JE (2000). Dyadic interaction profiles in infancy and preschool intelligence. *Journal of School Psychology*, 38, 9-25.
[https://doi.org/10.1016/S0022-4405\(99\)00034-5](https://doi.org/10.1016/S0022-4405(99)00034-5)
40. Frick JE, **Colombo J**, Allen JR (2000). The temporal sequence of global-local processing in 3-month-olds. *Infancy*, 1, 375-386.
https://doi.org/10.1207/S15327078IN0103_6
41. **Colombo J** (2001). The development of visual attention in infancy. *Annual Review of Psychology*, 52, 337-367. PMID: 11148309
<https://doi.org/10.1146/annurev.psych.52.1.337>
42. **Colombo J** (2001). A cognitive-neuroscience approach to infant contingency processing and perception. *Bulletin of the Menninger Clinic*, 65, 321-334. PMID: 11531129
<https://doi.org/10.1521/bumc.65.3.321.19846>
43. **Colombo J**, Richman WA, Shaddy DJ, Greenhoot AF, 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
<https://doi.org/10.1111/1467-8624.00368>

44. Maikranz JM, **Colombo J**, Richman WA, Frick JE (2001). Autonomic indicators of sensitization and look duration in infancy. *Infant Behavior and Development*, 23, 137-151.
[http://dx.doi.org/10.1016/S0163-6383\(01\)00040-6](http://dx.doi.org/10.1016/S0163-6383(01)00040-6)
45. **Colombo J** (2001). Recent advances in the assessment of infant cognition: Implications for LC-PUFA supplementation studies. *Lipids*, 36, 919-926. PMID: 11724464 <https://doi.org/10.1007/s11745-001-0802-9>
46. Casebolt K, **Colombo J**, Chandler J (2003). 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.
<https://js.sagamorepub.com/pe/article/view/3837>
47. **Colombo J**, Richman WA (2002). Infant timekeeping: Anticipation and attention in 4-month-olds. *Psychological Science*, 13, 475-479. PMID: 12219817
<https://doi.org/10.1111/1467-9280.00484>
48. **Colombo J** (2002). Infant attention grows up: The emergence of a developmental cognitive neuroscience perspective. *Current Directions in Psychological Science*, 11, 196-199. <https://doi.org/10.1111/1467-8721.00199>
49. Greenhoot AF, Semb G, **Colombo J**, Schreiber TS (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.
<https://doi.org/10.1002/acp.959>
50. **Colombo J**, Shaddy DJ, Richman WA, Maikranz JM, Blaga O (2004). Developmental course of visual habituation and preschool cognitive and language outcome. *Infancy*, 5, 1-38.
https://doi.org/10.1207/s15327078in0501_1
51. Shaddy DJ, **Colombo J** (2004). Developmental change in attention: Dynamic and static stimuli. *Infancy*, 5, 355-365.
https://doi.org/10.1207/s15327078in0503_6
52. **Colombo J**, Kannass KN, Shaddy DJ, Kundurthi S, Anderson CJ, Blaga OM, Carlson SE (2004). Maternal DHA and the development of attention in infancy and toddlerhood. *Child Development*, 75, 1254-1267. PMID: 15260876
<https://doi.org/10.1111/j.1467-8624.2004.00737.x>
53. Blaga O, **Colombo J** (2006). Visual processing and infant ocular latencies in the overlap paradigm. *Developmental Psychology*, 42, 1069-1076. PMID: 17087542
<http://dx.doi.org/10.1037/0012-1649.42.6.1069>
54. Cheatham CL, **Colombo J**, Carlson SE (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 <https://doi.org/10.1093/ajcn/83.6.1458S>
55. 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
<https://doi.org/10.1093/ajcn/84.5.961>

56. Anderson CJ, Shaddy DJ, **Colombo J** (2006). Visual scanning and pupillary responses in children with autism spectrum disorder. *Journal of Clinical and Experimental Neuropsychology*, 28, 1238-1256. PMID: 16840248
<https://doi.org/10.1080/13803390500376790>
57. **Colombo J**, Cheatham CL (2007). The emergence and basis of endogenous attention in infancy and early childhood. In R Kail (Ed.), *Advances in child development and behavior* (Vol. 34, pp. 283-322). New York: Elsevier. PMID: 17120808
[https://doi.org/10.1016/S0065-2407\(06\)80010-8](https://doi.org/10.1016/S0065-2407(06)80010-8)
58. Kannass KN, **Colombo J** (2007). The effects of continuous and intermittent distractors on cognitive performance and attention in preschoolers. *Journal of Cognitive Development*, 8, 63-78.
<https://doi.org/10.1080/15248370709336993>
59. Richman WA, **Colombo J** (2007). Joint book reading in the second year and vocabulary outcomes. *Journal of Research in Childhood Education*, 21, 242-253.
<https://doi.org/10.1080/02568540709594592>
60. Aylward BS, Roberts MC, **Colombo J**, Steele RG (2008). Identifying the classics: An examination of articles published in the journal of pediatric psychology from 1976-2006. *Journal of Pediatric Psychology*, 33(6), 576-589 PMID: 18073233
<https://doi.org/10.1093/jpepsy/jsm122>
61. Gustafson K, **Colombo J**, Carlson SE (2008). Docosahexaenoic acid and cognitive function: Is the link mediated by the autonomic nervous system? *Prostaglandins, Leukotrienes and Essential Fatty Acids*. 79, 135–140 PMID: 18930644, PMCID: PMC3751406 <https://doi.org/10.1016/j.plefa.2008.09.014>
62. Blaga OM, Anderson CJ, Shaddy DJ, Kannass KN, Little TD, **Colombo J** (2009). Structure and continuity of intelligence during early childhood. *Intelligence*, 37, 106-113 PMID: 20046249, PMCID: PMC2631272
<https://doi.org/10.1016/j.intell.2008.09.003>
63. Kannass KN, **Colombo J**, Carlson SE (2009). Maternal DHA levels and toddler free play attention. *Developmental Neuropsychology*, 34(2), 159-174 PMID: 19267293, PMCID: PC3015160
<https://doi.org/10.1111/j.1467-8624.2004.00737.x>
64. Anderson CJ, **Colombo J** (2009). Larger tonic pupil size in young children with autism spectrum disorder. *Developmental Psychobiology*, 51, 207-211. PMID: 18988196, PMCID: PMC3832142
<https://doi.org/10.1002/dev.20352>
65. Rankin CH, Abrams T, Barry RJ, Bhatnagar S, Clayton DF, **Colombo J**, Coppola G, Geyer MA, Glanzman DL, Marsland S, McSweeney FK, Wilson DA, Wu CF, Thompson RF (2009). Habituation: An evaluation and revision of Thompson and Spencer (1966). *Neurobiology of Learning and Memory*, 92, 135-138. PMID: 18854219, PMCID: PMC2754195 <https://doi.org/10.1016/j.nlm.2008.09.012>
66. **Colombo J**, Mitchell DW (2009). Infant visual habituation. *Neurobiology of Learning and Memory*, 92, 225-234. PMID: 18620070, PMCID: PMC2758574
<https://doi.org/10.1016/j.nlm.2008.06.002>
67. Harris WS, Mozaffarian D, Lefevre M, Toner CD, **Colombo J**, Cunnane SC, Holden JM, Klurfeld DM, Morris MC, Whelan J (2009). Towards establishing dietary reference intakes for long-chain omega-3 fatty acids. *Journal of Nutrition*, 139(4), 804S-819S PMID: 19244379
<https://doi.org/10.3945/jn.108.101329>

68. Coldren J, **Colombo J** (2009). Attention as a cueing function during kindergarten children's dimensional change task performance. *Infant and Child Development*, 18(5), 441-454.
<https://doi.org/10.1002/icd.632>
69. **Colombo J**, Shaddy DJ, Anderson CJ, Blaga OM, Gibson, L. J., Kannass, K. N (2010). What habituates in infant visual habituation? A psychophysiological analysis. *Infancy*, 15(2), 107-124.
<https://doi.org/10.1111/j.1532-7078.2009.00012.x>
70. Kannas KN, **Colombo J**, Wyss, N (2010). Now, pay attention! The effects of instruction on children's attention. *Journal of Cognition and Development*, 11(4), 509-532 PMID: 21218123, PMCID: PMC3015160
<https://doi.org/10.1080/15248372.2010.516418>
71. **Colombo J**, Carlson SE, Cheatham CL, Fitzgerald KM, Kepler A, Doty T (2011). Long chain polyunsaturated fatty acid supplementation during infancy lowers heart rate and changes the distribution of attention. *Pediatric Research*, 70, 1-5. PMID: 21705959, PMCID: PMC3172991
<https://doi.org/10.1203/PDR.0b013e31822a59f5>
72. Roberts JE, Hatton DD, Bailey D, Long ACJ, Anello V, **Colombo J**. (2012) Visual attention and autistic behavior in infants with fragile X syndrome. *Journal of Autism and Developmental Disabilities*, 42, 937-946 PMID: 21720726, PMCID 3743218
<https://doi.org/10.1007/s10803-011-1316-8>
73. Brez CN, **Colombo J** (2012). Your eyes say "no," but your heart says "yes." Behavioral and psychophysiological indices in infant quantitative processing. *Infancy*, 17, 445-454 PMID: 24285931, PMCID: PMC3839846
<https://doi.org/10.1111/j.1532-7078.2011.0094.x>
74. **Colombo J**, Carlson SE (2012). Is the measure the message? The BSID and nutritional interventions. *Pediatrics*, 129, 1166-1167 PMID: 22641756, PMCID: PMC3362912
<https://doi.org/10.1542/peds.2012-0934>
75. Brez CN, **Colombo J**, Cohen L (2012). Infants' integration of featural and numerical information. *Infant Behavior and Development*, 35, 705-710. PMID: 22982269, PMCID: PMC3832132
<https://doi.org/10.1016/j.infbeh.2012.07.003>
76. Anderson CJ, **Colombo J**, Unruh KE (2013). Pupil and salivary indicators of autonomic dysfunction in autism spectrum disorder. *Developmental Psychobiology*, 55, 465-482 PMID: 22644965, PMCID PMC3832142
<https://doi.org/10.1002/dev.21051>
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16. **Colombo J**, Kapa, L, Curtindale L (2011). Varieties of attention in infancy. In LM Oakes, CH Cashon, M Casasola, DH Rakison (Eds.), *Infant perception and cognition: Recent advances, emerging theories, and future directions* (pp. 3-26) New York, NY: Oxford University Press.
17. Cheatham CL, **Colombo J**, Carlson SE (2011). Long chain fatty acids in the developing retina and brain. In RA Polin, WW Fox, D Abman (Eds.), *Fetal and neonatal physiology* (4th Edition, Volume 1, pp. 497-508). New York: Elsevier.
18. Bornstein MH, **Colombo J** (2012). Infant cognitive functioning and mental development. In S Pauen (Ed.), *Early Childhood Development and Later Outcome* (pp. 118-147). New York: Cambridge University Press
19. **Colombo J**, Kannas KN, Walker D, Brez CD (2012). The development of attention in infancy and early childhood: Implications for early childhood and early intervention. In SL Odom, E Pungello, N Gardner-Neblett (Eds.), *Re-visioning the beginning: The implications of developmental and health science for infant/toddler care and poverty* (p. 21-48). New York: Guilford Press.
20. **Colombo J**, Brez CN, Curtindale LC (2012). Infant perception and cognition. In RM Lerner, MA Easterbrooks, J Mistry (Volume Eds.), IB Weiner (Series Ed.), *Handbook of psychology, Volume 6: Developmental Psychology* (pp. 61-89). New York: John Wiley and Sons.
21. **Colombo J***, Salley BJ* (2015). The development of attention in infancy: A biopsychosocial perspective. In S Calkins (Ed.), *Handbook of Infant Development: A Biopsychosocial Perspective* (pp 71-96). New York: Guilford Press.

22. Carlson SE, Cheatham CL, **Colombo J**, (2016). Long chain fatty acids in the developing retina and brain. In RA Polin, SH Abman, DH Rowitch, WE Benitz, WW Fox (Eds.), *Fetal and neonatal physiology* (5th Edition, pp 380-389). New York: Elsevier.
23. Gustafson KM, **Colombo J**, Carlson SE. (2021). Long-chain polyunsaturated fatty acids in neurobehavioral development. In RA Polin, SH Abman, DH Rowitch, WE Benitz, WW Fox (Eds.), *Fetal and neonatal physiology* (6th Edition, pp. 348-356). New York: Elsevier.
24. Gustafson KM, **Colombo J**, Carlson SE. (2024, in press). Neurodevelopmental effects of long-chain polyunsaturated fatty acids. In RA Polin, SH Abman, DH Rowitch, WE Benitz, WW Fox (Eds.), *Fetal and neonatal physiology* (7th Edition). New York: Elsevier.

Published Abstracts

1. Bundy RS, **Colombo J**, Warnick P. (1981) Pitch perception in musicians is altered by short-term experimental manipulation. *Journal of the Acoustical Society of America*, 69, S120
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2. Bundy RS, **Colombo J** (1981). Effects of phase on the perceived pitch of the higher component of a two-tone harmonic complex. *Journal of the Acoustical Society of America*, 69, S119
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3. **Colombo J**, Mitchell DW (1986). The meaning of infant visual habituation: Stability and reliability in the first year. *Infant Behavior and Development*, 9, 82.
4. **Colombo J** (1986). Non-cognitive correlates of infant visual behavior. *Infant Behavior and Development*, 9, 81.
5. **Colombo J**, Mitchell DW, Coldren J, Rash S (1989). Short-looking infants: Faster processors or feature processors? *Bulletin of the Psychonomic Society*, 27(6), 510.
6. Frick JE, **Colombo J**, Saxon TF (1996). Long-looking infants are slower to disengage fixation. *Infant Behavior and Development*, 19 (Supplement 1), 464.
7. Saxon TF, Frick JE, **Colombo J** (1996). The relationship between joint attention at 6 and 8 months and language competence during the second year. *Infant Behavior and Development*, 19 (Supplement 1), 722.
8. **Colombo J**, Richman WA, Harlan JE, Frick JE (1998). Individual differences in look duration, choice trial length, and paired-comparison task performance. *Infant Behavior and Development*, 21(Supplement), 351
9. Zavaleta N, Respicio G, **Colombo J**, Kannass KN, Caulfield LE. (2011). Changes in iron and zinc status in Peruvian infants consuming an iron syrup with or without zinc from 6 to 18 months of age. *FASEB Journal*, 25, 236.4.
http://www.fasebj.org/cgi/content/meeting_abstract/25/1_MeetingAbstracts/236.4
10. **Colombo J**, Caulfield LE, Kannass KN, Albornoz, C, Lazarte F, Zavaleta N (2011). Six months of zinc supplementation affects measures of attention in Peruvian infants at 12 months of age. *FASEB Journal*, 25, 236.2.
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12. Fortin-Miller S, Hull H, Carlson SE, Kerling E, **Colombo J**. (2021). Added sugar and fructose intake throughout infancy and childhood. *Obesity*, 29(52). <https://onlinelibrary.wiley.com/doi/10.1002/oby.23329>
13. Fortin-Miller S, **Colombo J**, Carlson SE, Kerling E, Hull, H. (2022). Early added sugars and fructose intake and child body composition, *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, 644. <https://doi.org/10.1093/cdn/nzac061.028>

Reviews

1. **Colombo J** (1988). On covering bases and keeping one's balance (Review of L. Smolak, *Infancy*). *Contemporary Psychology*, 33, 687-688.
2. **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.
3. **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.
4. **Colombo J** (1990). Vintage Bower. (Review of T. G. R. Bower, *The rational infant: Learning in infancy*). *Contemporary Psychology*, 35, 998-999.
5. **Colombo J** (1991). *Development of memory in children* by F. Kail (Book notice). *Child Development Abstracts and Bibliography*, 65, 93.
6. **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.
7. **Colombo J** (1998). The tip of the iceberg (Review of M.H. Johnson, *Developmental cognitive neuroscience*). *Early Development and Parenting*, 7, 129-131.
8. **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.
9. **Colombo J** (2006). Maternal DHA Levels and the development of attention in infants and toddlers. *Pediatric Perspectives Newsletter*, 5 (Series #3). <http://www.mjn.com/newsletterimages/v5s3pp.html>
10. **Colombo J** (2008). Infant formula and preschool intelligence: A review of Birch and colleagues' 2007 study. *Pediatric Perspectives Newsletter*, 7 (Series #8). <http://www.mjn.com/newsletterimages/v7s8pp.html>

Other Publications

1. **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.
2. Anderson CJ, **Colombo J** (2003). Adolescence. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 10-12). New York: Kluwer Academic/Plenum
3. Shaddy DJ, **Colombo J** (2003). Attachment. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 43-44). New York: Kluwer Academic/Plenum
4. Kannass KN, **Colombo J** (2003). Childhood. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 99-101). New York: Kluwer Academic/Plenum
5. **Colombo J** (2003). Cognitive development. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 121-122). New York: Kluwer Academic/Plenum
6. Shaddy DJ, **Colombo J** (2003). Developmental milestones. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 169-170). New York: Kluwer Academic/Plenum
7. Anderson CJ, **Colombo J** (2003). Emotional development. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 201-203). New York: Kluwer Academic/Plenum
8. Anderson CJ, **Colombo J** (2003). Identity development. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 303-305). New York: Kluwer Academic/Plenum
9. **Colombo J** (2003). Infancy. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 307-308). New York: Kluwer Academic/Plenum
10. **Colombo J** (2003). Language development. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 334-335). New York: Kluwer Academic/Plenum
11. Blaga O, **Colombo J** (2003). Moral development. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 382-383). New York: Kluwer Academic/Plenum
12. Anderson CJ, **Colombo J** (2003). Motor development. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 386-388). New York: Kluwer Academic/Plenum
13. Blaga O, **Colombo J** (2003). Sensory and perceptual development. In T. Ollendick C. Schroeder (2003, Eds.), *Encyclopedia of clinical child and pediatric psychology*. (pp. 582-584). New York: Kluwer Academic/Plenum
14. **Colombo J** (2005, May). *What happened to behaviorism? A reply to Roediger's presidential column*. *APS Observer*, 17(5).
15. Hann D. **Colombo J** (2006). Institutional review boards. In N. Salkind (Ed.), *Encyclopedia of measurement and statistics*. Newbury Park, CA: Sage Publications.

16. **Colombo J** (2006). Maternal DHA levels and the development of attention in infants and toddlers. *Pediatric Perspectives Newsletter*, 5(3): Evansville, IN: Mead Johnson Nutrition.
17. **Colombo J.** (2006, June) The study of early stimulation: An introduction. *Journal of Paediatrics, Obstetrics, and Gynecology*, 32(4).
18. **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).
19. **Fonterra Maternal Series (Pregnancy and Lactation)**
Colombo J. (2006, July) The study of early stimulation: The effect of stimulation on visual acuity.
Colombo J. (2006, July) The study of early stimulation: Caregiver-infant Interactions.
Colombo J. (2006, August) The study of early stimulation: Auditory development, language, and speech
Colombo J. (2006, August) The study of early stimulation: Development of smell and taste.
Colombo J. (2006, August) The study of early stimulation: Development of sense of touch and balance
20. **Fonterra Maternal Series (Stimulation and Nutrition)**
Colombo J. (2008, April). Recent advances in auditory development: Effects of music exposure and training in early development.
Colombo J. (2008, July). Recent advances in visual development: Face perception in infancy.
Colombo J. (2008, July). Reading your baby's cues
Colombo J. (2008, October). Joint attention and language development.
Colombo J. (2008, November). Promoting communicative development.
Colombo J. (2008, November). Joint book reading in infancy and toddlerhood.
Colombo J. (2008, October). Stimulation-nutrition interactions in development.
Colombo J. (2010, October). Attention in infancy and early childhood
Colombo J. (2011, May). Cognitive disorders in childhood
21. Carlson SE, **Colombo J**, Gajewski BJ, Gustafson KM, Mundy D, Yeast J, Georgieff MK, Markley LA, Kerling EH, Shaddy DJ. (2013) The relationship between DHA supplementation and pregnancy outcome.
 补充 DHA 与妊娠结局之间的关系。
<https://china.nestlenutrition-institute.org/sites/default/files/documents-library/publications/secured/91c09fdd27de9908d4dbd4df45b99d0a.pdf>

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.

Others' Reviews of My Work

- Bower TGR. (1991). Theory and data: A reply. *PsycCRITIQUES*, 36.7, 646-647.
- Hopton J. (1991). Another skeptic of Bower's data. *PsycCRITIQUES*, 36.7, 644.

- Aitken S. (1991). Practical conclusions overdrawn? *PsycCRITIQUES*, 36.7 644.
- Papousek H. (1992). Contemporary approaches to individual differences in infants. *PsyCRITIQUES*, 37.7, 712-713.
- Fagen JW (1995). Predicting IQ from infancy: We're getting closer. *PsycCRITIQUES*, 40.1, 19-21.
- Benson JB, Bihun JT. (1995). Infant cognition: Predicting later intellectual functioning. *American Journal on Mental Retardation*, 99(5), 567-570.
- Riches, N. (2010). J. Colombo, P. McCardle & P. Freund (eds), Infant pathways to language: Methods, models, and research directions. Hove: Psychology Press. Pp. 336. ISBN: 978-0-8058-6063-4. *Journal of Child Language*, 37(2), 460-465.
<https://doi:10.1017/S030500090900957X>

PRESENTATIONS

Plenary Addresses, Workshops, Meetings Convened, and Invited Symposia

- 1991 *The risks of creativity: Lessons from developmental psychology*. Invited commentary to Lewis P. Lipsitt's presentation to the Esther Katz Rosen Symposium on the Psychological Development of Gifted Children. Lawrence, KS, USA.
- 1992 *Recent advances in research on infant cognition*. Invited symposium presentation. Esther Katz Rosen Symposium on the Psychological Development of Gifted Children. The University of Kansas, Lawrence, KS, USA.
- 1993 *Early visual attention and later intelligence: Measures and mechanisms*. Invited keynote address at the 26th Gatlinburg Conference on Mental Retardation, Gatlinburg, TN, USA.
Tracking trajectories of talent: Child prodigies growing up. Invited commentary to Lynn T. Goldsmith's presentation at the Esther Katz Rosen Symposium on the Psychological Development of Gifted Children. Lawrence, KS, USA.
- 1997 *The assessment of infant cognition: Methods, models, and measurement*. Invited Panel discussion and review, The 106th Ross Conference on Nutrition, Phoenix, AZ, USA.
- 2000 *The development of attention in infancy: A cognitive-neuroscience approach*. Invited plenary presentation, The Society for Developmental Psychobiology (Winter Meeting), Waikoloa, Hawaii.
PUFA and Behavior: Recent advances in the study of early cognition. Invited panel member. Polyunsaturated Fatty Acids in Maternal and Child Health. Workshop sponsored by the American Oil Chemists' Society, Kansas City, MO, USA.
Infant contingency perception: A cognitive-neuroscience approach. Invited panel member and discussant, G. Gergely and P. Fonagy, International Workshop on Infant Development. Menninger Clinic, Topeka, KS, USA.
- 2001 *IRB issues and human subjects protection for the new millennium*. Invited conference session, Office of Special Education Projects Research Conference, Council on Exceptional Children, Washington, DC, USA.
Measurement of looking time in infant-control and paired-comparison paradigms. Invited panel member, R. N. Aslin and J. Mehler, McDonnell Foundation Workshop on the Measurement of Infant Perception, Cognition, and Language. Tarrytown House Conference Center, Tarrytown, NY, USA.

- 2002 *Transient effects in development: A developmental systems theory approach to clinical trials and evaluation research*. Invited presentation. Mead Johnson Nutrition International Workshop on DHA Research, University of Kansas Medical Center, Kansas City, KS, USA.
- 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.
Measuring attention in infants and toddlers (with Kathleen Kannass). Invited presentation. Mead Johnson Nutrition International Workshop on DHA Research, University of Kansas Medical Center, Kansas City, KS, USA.
- 2004 *DHA and cognitive function: Why development matters*. Invited presentation, University of Tennessee College-Wide Symposium. College of Education, Allied Health, and Family Science. Knoxville, TN, USA.
- 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), Tempe AZ, USA.
High cognitive ability in infancy and early childhood. Invited presentation, 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, New York, NY, USA.
Precursors and predictors of language from infancy. Invited presentation, Conference on Measuring Language in Infancy sponsored by the Merrill Advanced Study Center and the National Institutes of Child Health and Human Development, Tempe, AZ, USA.
The effects of DHA on visual and cognitive development (with Susan Carlson and Carol Cheatham). Invited presentation. Omega-3 Fatty Acids: Recommendations for Therapeutics and Prevention, Columbia University College of Physicians and Surgeons, Institute of Human Nutrition, New York, NY, USA.
New approaches to the assessment of infant cognition. Invited presentation. Mead Johnson Speakers Development Program Meeting, Henderson, NV, USA.
- 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, TN, USA.
- 2007 *Nutrition, stimulation, and behavioral development*. Plenary address, Asian Paediatric Nutrition Congress, Beijing, China.
Visual habituation in human infants. Invited presentation at Habituation: The Foundation of Attention and Learning. University of British Columbia, Vancouver, BC, Canada.
Institute of Education sciences workshop. Preconference workshop on grantsmanship conducted by the Institute of Education Sciences. Society for Research in Child Development, March/April 2007, Boston, MA, USA
Assessing cognitive development and IQ in children. Mead Johnson Speakers Series. Nationally-broadcast webconference for Mead Johnson Sponsored LEL (Local Education Lectures).
Transient developmental effects. Invited preconference presentation, Asian Paediatric Nutrition Congress, Beijing, China.
Assessing attention in infants and toddlers as an outcome in nutritional research. Invited symposium presentation in “Emerging issues: The role of nutrition in infant and toddler neural development,” Steve Zeisel (organizer). Rizzo Conference Center, University of North Carolina, Chapel Hill, NC, USA.

- 2008 *Clinical trials on maternal and infant development*. Pre-conference meeting organized and convened (with Robert A. Gibson and Susan Carlson) for the International Society for the Study of Fatty Acids, Kansas City, MO, USA.
DHA and early biobehavioral development. Plenary address, International Society for the Study of Fatty Acids and Lipids, Kansas City, MO, USA.
Varieties of attention in infancy. Plenary address, preconference workshop in honor of Leslie B. Cohen, International Conference on Infant Studies, Vancouver, BC, Canada.
Attention, development, and prediction: Lessons from the Kansas Early Cognition Project. 2008 Jacobs Foundation Conference on Early Childhood and the Prediction of Later Achievement, Sabina Pauen (organizer). Schloss Marbach, Ohningen, Germany.
- 2009 *The development of attention: From arousal to regulation in infancy and early childhood*. Spring 2009 Carolina Consortium on Human Development. Center for Developmental Science, University of North Carolina at Chapel Hill, NC, USA.
Assessment of cognitive function in infancy and early childhood. Mead Johnson Nutrition Scientific Lecture series, Mead Johnson Nutrition, Evansville, IN, USA
- 2010 *Lessons from translational science: Nutrition and cognitive development*. Invited address, Society for Research in Child Development, Montreal, Quebec, Canada.
- 2012 *Nutrients and micronutrients in early cognitive development*. Presentation for the the 2012 Regional Scientific Lecture Series, Pediatric Society of Vietnam (Hui Nhi Khao Vietnam), Ho Chi Minh City, Vietnam.
Nutrition and stimulation in early behavioral development. Presentation for the 2012 Continuing Medical Education Series, Malaysian Pediatric Society, Bejaya Hills (Kuala Lumpur), Malaysia.
- 2013 *Longitudinal studies of LCPUFA supplementation*. Symposium presentation for the 2013 Latin American Meeting of the Mead Johnson Pediatric Nutrition Institute/Latin American Pediatric Association (ALAPE). Mendoza, Argentina.
Micronutrients and cognitive development. Symposium presentation for the 2013 Continuing Medical Education Series, Co-Sponsored by Mead Johnson Pediatric Nutrition Institute-Asia Pacific Region and UBM Medica. Bangkok, Thailand.
Micronutrients and cognitive development. Symposium presentation for the 2013 Continuing Medical Education Series, Mead Johnson Pediatric Nutrition Institute-Asia Pacific Region. KK Women's and Children's Hospital, Singapore.
Micronutrients and cognitive development. Symposium presentation for the 2013 Continuing Medical Education Series, What's New: OB-GYN and Pediatric Updates. Sponsored by Mead Johnson Nutrition Institute-Asia Pacific Region. Tu Du Hospital (Bệnh viện Từ Dũ), Ho Chi Minh City, Vietnam.
Building a Foundation: Brain Development, Nutrition, and Cognitive Development. Symposium presentation for the 2013 Continuing Medical Education Series, Mead Johnson Nutrition Institute-Asia Pacific Region. Suzhou, China.
Recent advances in Paediatric Nutrition and Cognitive Development. Symposium presentation for the 2013 Continuing Medical Education Series, Mead Johnson Nutrition Institute-Asia Pacific Region. Kuala Lumpur, Malaysia.
Long-term cognitive benefits from LCPUFA supplementation in Infancy. Academy of Nutrition and Dietetics Foundation Lecture, Food and Nutrition Conference and Expo. Houston, TX, USA
LCPUFA Supplementation and Developmental Outcomes. Plenary address presented to the Russell Symposium, Department of Dietetics and Food Sciences, Rutgers University, New Brunswick, NJ, USA.

- 2014 *Attention and development: Implications for early identification*. Keynote address for the International Meeting for Autism Research (IMFAR) sponsored by the International Society for Autism Research (INSAR), Atlanta, GA, USA.
Long-term consequences of postnatal LCPUFA supplementation. Plenary address for the 3rd Annual Latin American Meeting of the Mead Johnson Pediatric Nutrition Institute. Riviera Maya, Mexico.
Long-term effects of postnatal LCPUFA supplementation. Plenary address to the inaugural Scientific Symposium for Mead Johnson Pediatric Nutrition Institute (MJPNI), “Making a Difference Everyday: Improving Health Outcomes Through Early Nutrition.” Singapore.
Modern Approaches to Evaluating Impact of Nutrition on Cognitive Development. Mead Johnson Pediatric Nutrition Institute: International Pediatric Nutrition Forum, Shanghai, China.
Measuring people: An introduction to behavioral assessment. Workshop held for Research/Development and Marketing, Pepperidge Farm/Campbell’s Soup, Norwalk CT, USA
- 2015 *Neurobehavioral Assessment in Toddlers*. Expert Panel convened (with William Fifer) for the Mead Johnson Nutrition Pediatric Institute, Chicago, IL, USA.
Cognitive assessment for studies of nutrition: An introductory primer. Invited colloquium for BioFortis, LLC (Clinical Research Organization), Chicago, IL, USA
- 2016 *Best practices in infancy research: Toward reliability and reproducibility*. Preconference workshop convened for the International Congress of Infant Studies (with Jessica Sommerville, Kiley Hamlin, and Lisa Oakes) at the International Conference on Infant Studies, New Orleans, LA, USA.
Nutritional interventions and developmental outcomes. Invited keynote address at the 49th Gatlinburg Conference on Intellectual and Developmental Disabilities, San Diego, CA, USA.
Nutritional interventions and developmental outcomes. Invited plenary lecture, Sackler Winter Developmental Psychobiology Meeting, Panama, Guanacaste, Costa Rica.
Nutritional interventions and early cognitive development. Invited address at the 2016 Distinguished Lecture Series, University of California at Davis School of Medicine, Sacramento, CA, USA.
DHA and prevention of early preterm birth. Invited Congressional (House of Representatives) Briefing on behalf of the American Psychological Association for the Friends of the National Institute of Child Health and Human Development, Washington, DC, USA.
Early Experience and Brain Development: Why Early Nutrition Matters. Workshops conducted for the Mead Johnson Pediatric Institute. Taipei, Taichung, and Kaohsiung, Taiwan, ROC.
- 2017 *Nutrition and cognition*. Meeting convened (with Berthold Koletzko and Michelle Lampl) for the Nestle Nutrition Institute. Dubai, United Arab Emirates.
- 2018 *Effects of maternal and infant nutrition on developmental outcomes*. European Society for Paediatric Gastroenterology Hepatology and Nutrition, Geneva, Switzerland.
- 2019 *Conceptualizing and measuring executive function*. Plenary presentation for Wyeth/Nestle Science Center meeting, Bethesda, MD, USA.
A shared journey in maternal and infant nutrition. Plenary presentation for the 21st Anniversary of the Child Nutrition Research Centre, South Australian Health and Medical Research Institute (SAHMRI), Flinders University/University of Adelaide/University of South Australia. Adelaide, SA, Australia.
What are executive functions? Plenary presentation for the 1st Social Congress on Brain, Cognition, and Nutrition. Wyeth/Nestle Science Center, Singapore, Singapore.
- 2020 *Executive functions: Measuring the effect of nutrition on cognitive development*. Webinar presentation for the Wyeth/Nestle Science Center, Saudi Arabia, broadcast across the Middle

East (Iran, Sudan, Jordan, Saudi Arabia, UAE, Qatar; 1300 participants).

- 2023 *Measuring cognition in infancy and early childhood*. Indonesian Brain Summit (Webinar), broadcast across Southeast Asia (Indonesia, Malaysia, Vietnam, Philippines; 1000 participants).
Cognitive and brain development: Lasting outcomes through nutrition. Mead Johnson Nutrition Research Institute, Continuing Medical Education. Singapore, Singapore
MFGM and cognitive development. Presented at the MFGM Expert Bureau, Mead Johnson Nutrition, Bali Indonesia
Understanding neurodevelopmental assessment. Presented at the 2023 MFGM Expert Bureau, Mead Johnson Nutrition, Bali Indonesia
MFGM and cognitive development: lasting effects of early supplementation. ASEAN Global Nutrition Summit, Mead Johnson Nutrition, Bali Indonesia
Understanding neurodevelopmental assessment in nutrition research: Demystifying cognition and executive function. ASEAN Global Nutrition Summit, Mead Johnson Nutrition, Bali Indonesia
Long-term effects of nutrition on executive function. European Global Nutrition Summit, Madrid, Spain.
- 2024 *Long-term effects of DHA and MFGM on neurodevelopment*. Cool Topics in Neonatology Conference (UCLA and UC Irvine Medical Schools). Coronado Island, CA
Long-Term Effects of Early Nutrition on Neurodevelopment. United States Developmental Origins of Health and Disease (DOHaD) Conference, October 2024, Chapel Hill, NC
- 2025 *Discussion Panel: Measurement of Cognition in IDD Research*. Gatlinburg Conference on Intellectual and Developmental Disabilities, April, 2025, San Diego, CA.
Effects of MFGM on Neurodevelopment. Invited symposium: Nutrition and Brain Development. Pediatric Academic Societies, April 2025, Honolulu, HI.

National/International Conference Presentations

- 1979 Bundy RS, Singer JT, **Colombo J**. *Absence of normal pitch perception in infants*. Society for Research in Child Development, San Francisco, CA.
- 1980 **Colombo J**, Bundy RS. *A method for the measurement of auditory preference in infants*. Eastern Psychological Association, Hartford, CT.
- 1981 Bundy RS, **Colombo J**. *Effects of phase on the perceived pitch of the higher component of a two-tone harmonic complex*. Acoustical Society of America, Ottawa, Quebec.
Bundy RS, **Colombo J**, Warnick, P. *Short-term experiential manipulation alters pitch perception in musicians*. Acoustical Society of America, Ottawa, Quebec
Colombo J, Bundy RS, Sales, C. *Developmental changes in attention to auditory novelty and familiarity*. Eastern Psychological Association, New York, NY.
Colombo J, Bundy RS. *Infant response to auditory novelty: Effect of amount of familiarization*. Society for Research in Child Development, Boston, MA.
- 1983 **Colombo J**, Laurie CA, Martelli TA, Hartig BR. *A configural superiority effect with 4-month-olds*. Society for Research in Child Development, Detroit, MI.
Colombo J. *Infant selectivity for complex acoustic stimuli*. Society for Research in Child Development, Detroit, MI
Colombo J, Beckett PB, Laurie CA, Martelli TA, Hartig BR. *Infant perception of the Muller-Lyer illusion*. Midwestern Psychological Association, Chicago, IL.
- 1985 **Colombo J**, Horowitz FD. *Auditory frequency as a determinant of infant attention*. Society for

Research in Child Development, Toronto, Ontario.

Colombo J. *Infant attention to FM sweeps.* Society for Research in Child Development, Toronto, Ontario.

Colombo J, Horowitz FD. *Infant attention to frequency modulated sweeps.* Midwestern Psychological Association, Chicago, IL.

1986 **Colombo J,** Mitchell DW, O'Brien M. *The meaning of infant visual habituation: Stability and reliability in the first year.* International Conference on Infant Studies, Los Angeles, CA.

Colombo J. *Infant visual fixation: Non-cognitive correlates.* International Conference on Infant Studies, 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.* Society for Research in Child Development, Baltimore, MD.

Colombo J, Atwater JD. *Infant attention and discrimination across two paradigms.* Society for Research in Child Development, Baltimore, MD.

1988 **Colombo J,** Moss, MM, Horowitz FD. *Neonatal state profiles: Reliability and short-term prediction of neurobehavioral status.* International Conference on Infant Studies, Washington, DC.

Colombo J, Mitchell DW, Coldren JT. *Stimulus and positional cues in infant learning.* International Conference on Infant Studies, Washington, DC.

Horowitz FD, O'Brien M, **Colombo J,** Mitchell DW, Atwater JD. *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 DW *The development of infant visual habituation.* Society for Research in Child Development, Kansas City, MO.

Mitchell DW, **Colombo J.** *Fixation time as a predictor of 3- and 4-month-old infants' learning, retention, and transfer.* Society for Research in Child Development, Kansas City, MO.

Colombo J, Mitchell DW, Coldren JT, Rash SJ. *Short-looking infants: Faster processors or feature processors?* Psychonomic Society, Atlanta, GA.

1990 **Colombo J,** Mitchell DW, Coldren JT, Rash, SJ, Freeseaman LJ *Individual differences in infant visual attention: Are short lookers faster processors or feature processors?* International Conference on Infant Studies, Montreal, Quebec.

Coldren JT, **Colombo J,** Rash SJ, Horowitz FD. *Attention and transfer within dimensions during infant discrimination learning.* International Conference on Infant Studies, Montreal, Quebec.

1991 Freeseaman LJ, **Colombo J.** *A signal-detection analysis of individual differences in infant recognition memory performance.* Society for Research in Child Development, Seattle, WA.

1992 **Colombo J,** Freeseaman LJ, Coldren JT *Differential reliance on global and local information by short and long looking infants.* International Conference on Infant Studies, Miami, FL.

Mitchell DW, Gifford, JJ, **Colombo J.** *A comparison of term and preterm infants' attention, learning, retention, and transfer.* International Conference on Infant Studies, Miami, FL.

1993 **Colombo J,** Frick JE, Levy KH, Syphers E, Ellenberger H, Fuhrman K. *Extreme lateral bias in long looking infants.* Society for Research in Child Development, New Orleans, LA.

Frick JE, **Colombo J.** *Infant recognition of partially degraded figures: Effect of locus of deletion.* Society for Research in Child Development, New Orleans, LA.

1994 **Colombo J,** Frick JE, Ryther JS, Gifford JJ, Gorman SA. *Four-month-olds' discrimination of stimuli composed of complementary contour.* International Conference on Infant Studies, Paris, France.

- Ryther JS, **Colombo J**, Frick JE, Coleman SA. *Visual pop-out with three-month-old infants*. International Conference on Infant Studies, Paris, France
- 1995 **Colombo J**. *Some hypotheses about speed of processing in infancy*. Invited discussant to CS Tamis-LeMonda (Symposium Chair), *What underlying mechanisms explain the predictive validity of infant visual attention?* Society for Research in Child Development, Indianapolis, IN.
Gifford JJ, **Colombo J**, Ryther JS, Gorman SA, Stowe K. *Long and short looking infants' recognition of symmetrical and asymmetrical forms*. Society for Research in Child Development, Indianapolis, IN.
- 1996 McAdam DB, Fradenburg LA, Morris EK, **Colombo J**. *The aversives controversy: Journal publication trends II*. Association for Behavior Analysis, San Francisco, CA.
Frick JE, **Colombo J**, Saxon TF. *Long looking infants are slower to disengage fixation*. International Conference on Infant Studies, Providence, RI.
Colombo J. *Nutrition and infant development*. Invited discussant. EE Hartmann (Symposium Chair), *Infant nutrition: Dietary effects on the development of vision, cognition, and language*. International Conference on Infant Studies, Providence, RI.
Colombo J. *The cognitive neuroscience of infant visual attention*. Invited panel member. JE Richards (Panel Chair), International Conference on Infant Studies, Providence, RI
- 1997 Frick JE, **Colombo J**, Gorman SA. *Procedural effects and individual differences in infant sensitization*. Society for Research in Child Development, Washington, DC
Colombo J, Frick JE, Gorman SA., Casebolt, K. *Heart rate patterns during infant-controlled habituation sessions*. Society for Research in Child Development, Washington, DC
- 1998 **Colombo J**, Richman WA, Harlan JE, Frick JE. *Individual differences in look duration, choice trial length, and paired-comparison task performance*. International Conference on Infant Studies, Atlanta, GA.
Colombo J. *Individual differences in global and local visual processing in infancy*. Invited panel member. In LB Cohen (Symposium Chair), *Global and local visual processing: Developmental implications*. Invited Symposium, American Psychological Association, San Francisco, CA.
- 1999 **Colombo J**, Harlan JE, Mitchell DW *The development of look duration in infancy: Evidence for a triphasic course*. Society for Research in Child Development, Albuquerque, NM.
Richman WA, **Colombo J**. *The joint-book reading environment in infancy*. Society for Research in Child Development, Albuquerque, NM.
- 2000 Saxon TF, Robinson ER, **Colombo J**, Frick JE (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 WA, Shaddy DJ, Maikranz JM (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). Society for Research in Child Development: Minneapolis, MN.
Richman WA, **Colombo J** (2001, April). *Early joint-book reading predicts infant-toddler vocabulary level*. Society for Research in Child Development: Minneapolis, MN.
- 2002 **Colombo J** (2002, April). *Distractibility in infancy?* Discussants' comments invited as part of a symposium on Distractibility in Infancy (WE Dixon, organizer). International Conference on Infant Studies, Toronto, Ontario.
Shaddy DJ, **Colombo J** (2002, April). *Developmental and process analyses of infants' attention to*

- dynamic and static stimuli*. Poster presented at International Conference on Infant Studies, Toronto, Ontario.
- Smuts CM, Mundy D, **Colombo J**, Shaddy DJ, Maikranz JM, Carlson SE (2002, June) *Third trimester DHA supplementation with high-DHA eggs*. Asian Pediatric Nutrition Congress, Taipei, Taiwan.
- 2003 **Colombo J**, Richman WA, Shaddy DJ, Maikranz JM, Blaga O (2003, April). *Heart rate defined phases of attention during infant visual habituation*. Society for Research in Child Development, Tampa, FL.
- Carlson SE, **Colombo J**, Shaddy DJ, Maikranz JM, Kundurthi S, Anderson CJ, Blaga O *Maternal DHA and the development of attention*. Society for Research in Child Development, Tampa, FL.
- 2004 **Colombo J**, Kannas KN, Shaddy DJ, Kundurthi S, Maikranz J, Carlson SE. *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.
- Colombo J**, Shaddy DJ, Richman, WA, Maikranz JM, Blaga OM, Anderson CJ, Kannass KN. *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 International Conference on Infant Studies, Chicago, IL.
- Kannas KN, **Colombo J**. *The effects of continuous and intermittent distraction on cognitive performance*. Poster presented at International Conference on Infant Studies, Chicago, IL.
- Kannas KN, **Colombo J**, Carlson SE, Shaddy DJ, Kundurthi, S. *Maternal DHA levels and toddler attention and distractibility*. Poster presented at International Conference on Infant Studies, Chicago, IL.
- 2005 **Colombo J**, Shaddy DJ, Anderson CJ, Blaga OM, Witt-Haas DM, Kannass KN. *Estimation and processing of time intervals in infancy*. Society for Research in Child Development, Atlanta, GA.
- Anderson CJ, **Colombo J**. *Visual scanning and pupillary responses in young children with autism spectrum disorder*. Society for Research in Child Development, Atlanta, GA.
- Kannass KN, **Colombo J**. *Attention during intermittent and continuous distraction conditions*. Society for Research in Child Development, Atlanta, GA.
- Kannass KN, **Colombo J**. *The effects of instruction on preschoolers' ability to resist distraction*. Cognitive Development Society, San Diego, CA.
- 2007 Blaga O, Shaddy DJ, Anderson CJ, **Colombo J**, Little TD. *Structural and predictive outcomes of standardized assessments from 12 to 48 months*. Society for Research in Child Development, 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). Society for Research in Child Development, Boston, MA.
- Kannass KN, **Colombo J**, Carlson SE. *Maternal DHA levels and toddler free-play attention*. Society for Research in Child Development, Boston, MA
- Kannass KN, **Colombo J**, Miller, N. *Pay attention! The effects of instruction and distractor comprehensibility on preschoolers' task performance*. Society for Research in Child Development, Boston, MA.
- Anderson CJ, Rawlings J, **Colombo J**. *Spontaneous motor behavior and heart-rate defined phases of attention during visual habituation*. Society for Research in Child Development, Boston, MA.
- Cheatham CL, **Colombo J**, Bauer P. *Declarative memory and cardiac evidence of attention: implications for age-related changes in attention*. Cognitive Development Society, Santa Fe, NM.
- Kannass KN, **Colombo J**, Miller N. *Attention Please! The effects of instruction on preschoolers' attention in a distractibility paradigm*. Cognitive Development Society, Santa Fe, NM

- 2008 **Colombo J**, Shaddy DJ, Blaga O, Anderson CJ, Kannass KN, Gibson L. *What habituates in infant habituation? A psychophysiological analysis*. International Conference on Infant Studies, Vancouver, BC, Canada.
- Colombo J**. *Methodological and Analytical Advances in Assessing Infants' Information Processing*. Discussant for symposium (with Robin Cooper, Virginia Tech; Vladimir Sloutsky, Ohio State) at the International Conference on Infant Studies, Vancouver, BC, Canada.
- Colombo J**, Carlson SE, Cheatham CL, Kannass KN, Gustafson KM, Schmeidler T. *Dietary supplementation with DHA in infancy lowers heart rate and increases sustained attention*. International Society for the Study of Fatty Acids and Lipids, Kansas City MO.
- Cheatham CL, **Colombo J**, Carlson SE. *The effect of feeding formula enriched with docosahexaenoic acid on the declarative memory abilities of 10-month-old infants*. International Society for the Study of Fatty Acids and Lipids, Kansas City MO.
- 2009 Anderson CJ, **Colombo J**. *Larger tonic pupil size in young children with autism spectrum disorder*. Society for Research in Child Development, Denver, CO.
- Colombo J**. *The predictive power of early language skills: Developmental continuity in typical and atypical learners*. Discussant for symposium (with VA Marchman, and SE Weismer). Society for Research in Child Development, Denver, CO.
- Roberts J, **Colombo J**. *Development of visual attention in infants with Fragile X syndrome*. Paper presented at the Gatlinburg Conference on Intellectual and Developmental Disabilities, New Orleans, LA.
- 2010 **Colombo J**. *Integrated cognition in development: A model for regulation*. Panelist on invited symposium, "Biobehavioral models of regulation" (Organized by Susan Calkins), International Conference on Infant Studies, Baltimore, MD.
- Gustafson KF, **Colombo J**, Carlson SE. *DHA and heart rate variability in infancy*. Poster presented at the International Society for the Study of Fatty Acids and Lipids, Maastricht, The Netherlands.
- 2011 Kapa LL, **Colombo J**, McElhaney, SM. *Executive functions in simultaneous and sequential bilingual children*. Poster presented at the Society for Research in Child Development, Montreal, Quebec, Canada.
- Curtindale LM, Bahrack LE, Lickliter R, **Colombo J**. *Infant attention to multimodal synchrony in social and nonsocial stimuli*. Poster presented at the Society for Research in Child Development, Montreal, Quebec, Canada.
- Colombo J**, Caulfield LE, Kannass K, Zavaleta N. *Six months of zinc supplementation affects measures of attention in Peruvian infants at 12 months of age*. Presented at the Federation of American Societies for Experimental Biology, Washington, DC.
- Zavaleta N, Respicio G, **Colombo J**, Kannas KN, Caulfield LE. *Changes in iron and zinc status in Peruvian infants consuming an iron syrup with or without zinc from 6 to 18 months of age*. Presented at the Federation of American Societies for Experimental Biology, Washington, DC.
- Colombo J**, Carlson SE, Cheatham CL, Shaddy DJ, Gustafson KM, Kannas KN, Brez CN, Curtindale LC, Kepler A, Doty T, Jacoby J, Kerling B. *LCPUFA supplementation affects measures of preschool cognition*. Presented at the meeting of the American Pediatric Society, Denver, CO.
- Scholtz S, Carlson SE, **Colombo J**, Neely M, Thodosoff J, Kerling EH. *DHA and AA status in pregnancy is influenced by single nucleotide polymorphisms (SNPs) in fatty acid desaturases (FADS1/FADS2)*. Presented at the meeting of the American Pediatric Society, Denver, CO.
- Anderson CJ, **Colombo J**, Brady N. *The use of eye-tracking technology to assess pupillary responses in autism spectrum disorder*. Poster presented at International Meeting for Autism Research, San Diego, CA
- 2012 **Colombo J**. *Developmental origins: Long-term effects of the fetal environment*. Invited symposium

- (Organizer and Discussant: **John Colombo**. Participants: Elinor Sullivan, Kathleen Fitzgerald, Curt Sandman), International Conference on Infant Studies, Minneapolis, MN
- Gajewski BJ, Reese CS, **Colombo J**, Carlson, S. *The public health effects of DHA supplementation on the joint distribution of birthweight and gestational age with implications on clinical trials design and analysis*. Paper presented at the Joint Statistical Meeting, San Diego, CA
- Li S, Gajewski B, Kerling E, Thodosoff J, **Colombo J**, Carlson S. *Docosahexaenoic acid (DHA) supplementation during pregnancy increases the DHA content in human milk at early lactation*. Paper presented at the meeting for the International Society for Fatty Acids and Lipids, Vancouver, BC, Canada.
- Carlson SE, Gajewski B, Kerling E, Thodosoff J, Li S, **Colombo J**. *Prenatal docosahexaenoic acid (DHA) and pregnancy outcomes*. Paper presented at the meeting for the International Society for Fatty Acids and Lipids, Vancouver, BC, Canada.
- Moukarzel S, Ozias M, Thodosoff J, Kerling E, Wick J, **Colombo J**, Carlson SE. *The relation between maternal vitamin D status during pregnancy and incidence of infection in infants up to one year of age*. Paper presented at the meeting for the International Society for Fatty Acids and Lipids, Vancouver, BC, Canada.
- Scholtz SA, **Colombo J**, Carlson S. E. *Clinical overview of effects of dietary LCPUFA during the perinatal period*. Nestle Nutriton Institute Workshop on the Importance of Immunonutrition, Zurich, Switzerland.
- 2013 Carlson SE, Foiles M, Kerling EA, Wick J, **Colombo J**, Diersen-Schade DA, Scalabrin DMF. *Infant formula with LCPUFA reduces incidence of allergy-related illnesses during the first year of life*. Paper presented at the Pediatric Academic Societies, Washington, DC.
- Carlson SE, **Colombo J**, Gajewski B, Kerling EH, Shaddy DJ. *A randomized trial of docosahexaenoic acid supplementation and pregnancy outcome*. Presented at the Asia Pacific Conference on Clinical Nutrition, Tokyo, Japan.
- Blossom, M, **Colombo J**. *Assessing two-year-olds' knowledge of "is" and "are."* Presented at the meeting of the Society for Research in Child Development, Seattle, WA.
- Curtindale L, **Colombo J**. *Predictors of sensitization in an infant habituation paradigm*. Presented at the meeting of the Society for Research in Child Development, Seattle, WA.
- Kapa L, **Colombo J**. *Artificial language learning in children and adults*. Presented at the meeting of the Society for Research in Child Development, Seattle, WA.
- 2014 Villalan SV, Gajewski BJ, Rogg E, Hull HR, **Colombo J**, Kerling EH, Thodosoff JM., Carlson SE. *Effect of maternal DHA supplementation on body composition of 5-year-old children*. Presented at the meeting of the International Society for the Study of Fatty Acids and Lipids, Stockholm, Sweden
- Carlson SE, Gajewski BJ, Gibson RA, **Colombo J**, Makrides M. *N-3 LCPUFA increases gestation duration by reducing early preterm birth*. Presented at the meeting of the International Society for the Study of Fatty Acids and Lipids, Stockholm, Sweden.
- Carlson SE, Currie LM, Tolley EA, Thodosoff JM, Kerling EH, Sullivan DK, **Colombo J**. *LCPUFA supplemented term infant formula and maternal smoking and child growth*. Presented at the meeting of the International Society for the Study of Fatty Acids and Lipids, Stockholm, Sweden.
- Liao K, McCandliss B, Carlson SE, **Colombo J**, Shaddy DJ, Kerling E, Lepping R, Gustafson, KM (2014) *LCPUFA supplementation in infancy improves response inhibition in childhood*. Presented at the International Society for the Study of Fatty Acids and Lipids, Stockholm, Sweden.
- Colombo J**, Carlson SE, Gustafson KM, Gajewski B, Shaddy DJ, Kerling E, Thodosoff J, Bondurant A. *No effect of maternal prenatal DHA supplementation on MacArthur-Bates and Bayley Scales at 18 months*. Presented at the International Society for the Study of Fatty Acids and Lipids, Stockholm, Sweden.
- 2015 Salley B, **Colombo J**. *Infants' attention to social and nonsocial events and emerging communication*.

Presented at the Society for Research in Child Development, Philadelphia, PA, USA.

Colombo J, Shaddy DJ, Carlson SE, Gustafson KM, Gajewski B, Kerling E, Thodosoff J. *Glances, interruptions, and latencies to look in infant habituation*. Presented at the Society for Research in Child Development, Philadelphia, PA, USA.

Kerling EH., Thodosoff JM, Hidaka BH, Hull HR, **Colombo J**, Carlson SE. *Maternal docosahexaenoic acid supplementation and body composition at age 5 years*. Presented at the Midwest Pediatric Society, Kansas City, MO, USA.

- 2016 **Colombo J**, Gustafson KM, Gajewski BJ, Shaddy DJ, Kerling E, Macone S, Thodosoff J, Carlson, SE. *Effects of prenatal DHA supplementation on attention tasks in infancy*. Presented at the International Conference on Infant Studies, New Orleans, LA, USA.
Lepping RJ, Gustafson KM, Martin L, Liao K, Choi I-Y, Lee P, Honea R, Carlson SE, **Colombo J**. *Long-term effects of LCPUFA supplementation in the first year of life: A multi-modal neuroimaging study at age 9*. Presented at the Flux Congress, St. Louis, MO, USA.
- 2017 **Colombo J**, Carlson SE, Algarín C, Reyes S, Peirano P, Berseth C. *Maturation effects on sleep/wake patterns in infants receiving an infant formula with a prebiotic blend*. International Society for Developmental Psychobiology, Washington DC, USA.
Colombo J, Shaddy DJ, Macone S, Kerling E, Thodosoff JM, Gustafson KM, Gajewski BJ, Carlson SE. *Preschool executive function measures predict to 5- and 6-year language and IQ*. Society for Research in Child Development, Austin, TX USA.
- 2018 **Colombo J**. *Nutritional interventions for the prevention of early preterm birth*. Alan Epstein Symposium, Sackler Winter Developmental Psychobiology Meeting, North Kohala. HI. USA.
Colombo J, Carlson SE, Berseth CL. *Shorter episodes of crying in infants receiving a formula with a prebiotic blend*. European Society for Paediatric Gastroenterology Hepatology and Nutrition, Geneva, Switzerland
Colombo J, Carlson SE, Algarin C, Reyes S, Peirano P, Berseth CL. *Maturation effects on sleep/wake patterns in infants receiving a cow's milk-based infant formula with a prebiotic blend*. European Society for Paediatric Gastroenterology Hepatology and Nutrition, Geneva, Switzerland
Li F, Wu SS, Berseth CL, Harris C, **Colombo J**, Liu B, Rudolph C, Cleghorn G. *Neurodevelopmental and immune effects of feeding an infant formula enriched with milk fat globule membrane (MFGM) and lactoferrin in Chinese infants: A randomized controlled trial*. European Society for Paediatric Gastroenterology Hepatology and Nutrition, Geneva, Switzerland.
Colombo J, Shaddy DJ, Kerling EH, Thodosoff JT, Gustafson KM, Gajewski BE, Carlson SE. *Long-term outcomes of prenatal DHA supplementation*. International Society for the Study of Fatty Acids and Lipids, Las Vegas, NV.
Gustafson KM, Liao K, Carlson SE, **Colombo J**, Shaddy DJ, Mathis NB, Kerling EH, Thodosoff JM. *Docosahexaenoic acid supplementation during pregnancy affects offspring brain function at age 5 years*. International Society for the Study of Fatty Acids and Lipids, Las Vegas, NV.
Gustafson KM, **Colombo J**, Carlson SE. *Early life supplementation with LCPUFA results in long term differences in brain function*. International Society for the Study of Fatty Acids and Lipids, Las Vegas, NV.
- 2021 Fortin-Miller S, Hull H, Carlson SE, Kerling E, **Colombo J**. *Added sugar and fructose intake throughout infancy and childhood*. Poster presented at Obesity Week, Annual Meeting of the Obesity Society.
- 2022 Fortin-Miller S, Hull H, Carlson SE, Kerling E, **Colombo J**. *Early added sugars and fructose intake and child body composition*. Presented at the American Society for Nutrition.
Lazarte F, **Colombo J**, Lonnerdal B, Slupsky C, Murguia-Peniche T, Heckmann AB, et al. *Long term*

impact of bovine milk fat globule membrane supplementation during infancy on executive functions at 14 years of age. European Society for Paediatric Gastroenterology Hepatology and Nutrition, Copenhagen, Denmark.

- 2023 Chen Y, Kuang T, Zhang T, Cai YS, **Colombo J**, Harper A, Gulliver J, Hansell AL, Han T-L, Zhang H, Baker PN. *Associations of early pregnancy air pollution with adverse birth outcomes and infant neurocognitive development.* 35th Annual Conference of International Society for Environmental Epidemiology (ISEE), Taipei, Taiwan
- 2024 **Colombo J**, Jones J, McIntyre LL, Roberts JE, Bardhan, S. *Career Focused Funding Strategies* [Panel Session]. 56th Gatlinburg Conference, Kansas City, MO, United States.
- 2025 Ghali S, **Colombo J**. *Vocabulary assessment of young bilingual autistic children: Leveraging CDI adaptations.* 45th annual Symposium on Research in Child Language Disorders. Madison, WI.
 Ghali S., **Colombo J**. *Predictors of morphosyntax in young bilingual Arabic-English speaking children: The role of home literacy, family routines, and child age.* 45th annual Symposium on Research in Child Language Disorders. Madison, WI.
 Mannella S, Shaddy DJ, al-Zaghloul N, Mathis N, Davinson K, Fleming K, **Colombo J**, Cuevas K. *Reliability of individual differences in contingency learning at 6 months.* Society for Research Development, Minneapolis, MN.
 Merzougui M, Ghali S, **Colombo J**. *Assessing young, bilingual, autistic Arabic-English speaking children's language outcomes: Preliminary findings from caregiver report.* American Speech-Language-Hearing Convention, Washington, DC
 Ghali S, **Colombo J**. *Use of the McArthur-Bates Communicative Inventories to measure verb use in autistic Arabic-English speaking children: Preliminary findings.* Boston University Conference on Language Development, Boston, MA
 Ghali S, **Colombo J**. *Home literacy predicts child language outcomes in multilingual Arabic-English speaking families.* Multiliteracies in Plurilingual Societies, Dialogues for Sustainable Communication, Hueva, Spain
 Ghali S, **Colombo J**. (Submitted). *Language acquisition in multilingual Arabic-English speaking children: The role of parent sex in caregiver ratings of children's morphosyntax and home literacy environments.* International Symposium on Bilingualism, San Sebastian, Spain
 Ghali S, Colombo J. (Submitted). *Correlates of early literacy in bilingual children: Contributions of age, home literacy, and language-facilitating strategies.* American Speech-Language-Hearing Convention, Washington, DC

Regional/Local Conference Presentations

- 1978 Bundy RS, Keller WD, **Colombo J**. *Binaural processing in young infants.* Auditory Localization Research and Theory, Queen's University, Kingston, Ontario.
- 2003 Carlson SE, **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 Nutrition, 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.

- 2025 Ghali S, **Colombo J.** *Does family size predict language outcomes in in young bilingual Arabic-English speaking children?* Kansas Speech-Language-Hearing Convention, Manhattan, KS
 Ghali S, **Colombo J.** *Verb use trajectories in bilingual children with and without language disorders.* Kansas Speech-Language-Hearing Convention, Manhattan, KS, Sept 29

Invited Departmental Colloquia

- 1981 Department of Psychology, Youngstown State University, Youngstown, Ohio
 Department of Psychology, Ball State University, Muncie, Indiana
 Department of Psychology, University of Massachusetts, Amherst, Massachusetts
 Department of Psychology, University of Evansville, Evansville, Indiana
- 1985 Department of Psychology, Northern Illinois University, DeKalb, Illinois
- 1988 Department of Human Development, University of Kansas, Lawrence, Kansas
 Department of Psychology, University of New Orleans, New Orleans, Louisiana
 Department of Psychology, University of Toronto, Toronto, Canada
- 1989 Institut de Nutricion y Tecnologia de los Alimentos. Universidad de Chile, Santiago, Chile
 Department of Psychology, Virginia Tech University, Blacksburg, Virginia
- 1990 Department of Psychology, Memphis State University, Memphis, Tennessee
- 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
 Michigan State University Psychology Colloquium Series (50th 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
- 2003 Department of Psychology “Hard Data Cafe,” University of South Carolina
 Department of Psychology, University of South Carolina
 Developmental Psychology Proseminar, University of Texas at Austin
- 2005 Department of Psychology, Florida International University
 Instituto de Investigaciones Nutricional, La Molina, Lima, Peru.
- 2006 Frank Porter Graham Institute for Child Development, University of North Carolina at Chapel Hill
 Department of Psychology, University of British Columbia, Vancouver BC, Canada
- 2007 Department of Psychology, University of British Columbia, Vancouver BC, Canada
- 2009 Department of Psychology, Oklahoma State University, Stillwater, OK.
- 2012 Department of Psychology/Center for Mind and Brain, University of California, Davis, CA
- 2013 Department of Psychology, Virginia Tech University, Blacksburg, VA
 Shriver Center, University of Massachussets Medical School, Worcester, MA
- 2020 Department of Psychology, University of Tennessee, Knoxville, TN

Local Departmental/Institute Presentations and Proseminars

Youngstown State University Faculty Forum

Intelligence and race, 1982

Human Development Proseminar

Individual and developmental differences in visual attention, 1985, 1990, 1992, 1994, 1997, 2000

Speech perception in infancy, 1988

A primer of cognitive psychology, 1989

Cognitive neuroscience of vision, 1991

The case against motherese, 1992

Human subjects protections, 1994, 1999

Accounting for variance in behavioral sciences, 1994

Adventures in fish oil, 1995

The death of nature/nurture, 1998

Child Language Proseminar

The acoustic basis of "motherese", 1987

Individual and developmental differences in infant visual attention, 1994, 1996, 2008

Human subject protections, 1995, 2001

DHA and cognitive development in infancy and toddlerhood, 2004

Prediction of specific skills from attentional components in infancy, 2008

LCPUFA supplementation and developmental outcomes, 2014, 2016

Children's Rehabilitation Unit, KU Medical Center

New directions for infant assessment, 1993

Experimental/Cognitive/Brain-Behavior-Quantitative Psychology Proseminar

Individual and developmental differences in infant visual attention, 1995, 2000, 2006, 2007

Attention and time estimation in infants, 2002

Grant writing: From the reviewer's perspective, 2002

Human subjects protections, 2003

Professional Issues series. I: A brief tour of higher education. II: Getting and keeping an academic job (with Greg Simpson), 2004

Neural synchrony in cognition and behavior, 2006

Relevance and impact in research, 2011

Adventures in fish oil and other tales from a translational research program, 2022

University of Kansas Freshman Honors Tutorial

Individual differences in infant cognition, 1997-1998, 2000-2001, 2004-2009

Quantitative Psychology Proseminar

Measuring attention: Behavioral and psychophysiological indices, 2000

Speech and Hearing Sciences Graduate Student Colloquium

The academic job search, 2004

Funding sources for junior investigators, 2009

Proseminar on Developmental Science

A history of developmental psychology at the University of Kansas, 2006

So...is that good? Lessons from studies on DHA and neurobehavioral development, 2007

Developmental origins of health and disease, 2009

DHA and developmental outcomes, 2012

Preparing Future Faculty seminar, Office of Graduate Studies

How academic jobs are made, 2007

Social Psychology Proseminar

Getting and keeping an academic job (with Greg Simpson), 2008

Clinical Psychology Proseminar

New biomarkers for autism: Clues for early identification and etiology, 2010

KUMC Translational Discovery Forum

Developmental effects of DHA status and supplementation in early life, 2011

KUMC Nutrition and Neuroscience Seminar

Introduction to psychometrics: Basic concepts in tests and measurements, 2012

Discussion Panel on F31 and F32 Proposals. Office of Graduate Studies

Discussant, 2012, 2013, 2014, 2016

Red Hot Research (University of Kansas Commons)

DHA in Maternal and Infant Health, 2016

Prairie Fire Museum (Overland Park, KS)

What happens early matters: Maternal and infant nutrition, 2019

Proseminar in Neurodevelopmental Disabilities

Adventures in fish oil and other tales from a translational research program, 2022

FUNDED EXTERNAL GRANTS AND CONTRACTS

Project Dates	Title, Sponsor, Roles, and Details	Direct and Indirect Costs
1981-1982	<i>Auditory preference in infants</i> (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: R03MH14368.	\$22,500
1986-1987	<i>Individual differences in infant visual habituation.</i> (PI: John Colombo , University of Kansas) National Institute of Mental Health: R03MH41395.	\$22,500
1989-1990	<i>Individual differences in infant learning: Stability and reliability of infant response in the synchronous reinforcement paradigm.</i> (PI: John Colombo , University of Kansas). National Institute of Mental Health: R03MH43246.	\$37,500
1989-1991	<i>State organization in high-risk neonates.</i> (PI: John Colombo , University of Kansas). March of Dimes Birth Defects Foundation Grant #12-89.	\$37,000
1990-1991	<i>Supplementary equipment grant.</i> (Co-PIs: John Colombo and John Wright, University of Kansas). National Institute of Mental Health.	\$20,000
1993-1997	<i>Individual differences in infant visual processing</i> (PI: John Colombo , University of Kansas). National Institutes of Health (National Institute of Child Health and Development): R01HD29960.	\$362,024

1998-2003	<i>Infant visual attention and preschool cognitive outcome.</i> (PI: John Colombo , University of Kansas). National Institutes of Health (National Institute of Child Health and Human Development): R01HD35903.	\$741,876
2001-2003	<i>The effect of consuming docosahexaenoic acid (DHA) -enriched eggs during the last trimester of pregnancy on infant attention development</i> (Co-PIs: Susan Carlson, University of Kansas Medical Center and John Colombo , University of Kansas). OMT-2000-02: OmegaTech, Inc/Martek Biosciences.	\$302,919
2002-2013	<i>University of Kansas Center for Behavioral Neuroscience in Communicative Disorders</i> (PI: Mabel L. Rice. Co-PIs: Steven Barlow, John Colombo , Susan Kemper, University of Kansas). National Institute of Communicative Disorders and Stroke, P30DC005803.	Two Phases: 2002: \$1,710,000 2008: <u>\$2,158,851</u> \$3,868,851
2003-2005	<i>Perception and processing of time in infancy.</i> (PI: John Colombo , University of Kansas). National Science Foundation Grant (NSF 0318072).	\$190,214
2003-2009	<i>The Effects Of Infant Formula Supplemented With Long Chain Polyunsaturated Fatty Acids On Visual And Cognitive Development In Term Infants.</i> (PI: Susan E. Carlson, University of Kansas Medical Center; Co-PI: John Colombo , University of Kansas). MJN 3370-4: Mead Johnson Nutrition, Inc (Research Division)	Three Phases: 2003: \$600,000 2005: \$715,000 2009: <u>\$279,814</u> \$1,594,814
2004-2005	<i>Conference on the assessment of cognition and language in infancy and early childhood.</i> (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.	\$40,000
2004-2009	<i>Zinc and biobehavioral development in early childhood</i> (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) R01HD045430	\$1,863,577
2005-2007	<i>Learning from dynamic visual displays.</i> (PI: Joseph Heppert. Co-PIs: Steven B. Case and John Colombo , University of Kansas). National Science Foundation Science of Learning Center Catalyst Grant (NSF 0521860).	\$199,941
2006-2017	<i>DHA supplementation and pregnancy outcome</i> (MPIs: Susan Carlson, University of Kansas Medical Center, John Colombo , University of Kansas). National Institutes of Health (National Institute of Child Health and Human Development) R01HD047315.	Two Phases: 2006: \$2,065,987 2012: <u>\$2,858,697</u> \$4,924,684
2007-2012	<i>Training researchers in language impairments.</i> (PI: Mabel L. Rice. Training Faculty: Susan Kemper, Hugh Catts, John Colombo , Steven Warren). National Institute of Communicative Disorders and Stroke, T32DC000052	\$1,137,645

2007-2012	<i>Postdoctoral training in translational research on intellectual and developmental disabilities.</i> (PI: Kathryn Saunders; Co-PI: John Colombo). National Institutes of Health: Eunice Shriver National Child Health and Human Development, T32HD007525.	\$1,059,652
2008	<i>Clinical trials and maternal-infant outcomes workshop: Satellite to ISSFAL 2008.</i> (PI: John Colombo). Mead Johnson Nutrition.	\$6,500
2008-2021	<i>Kansas Intellectual and Developmental Disabilities Research Center.</i> (PI: Peter Smith, Co-PI: John Colombo). National Institutes of Health (Eunice Shriver National Institute of Child Health and Human Development), P30HD02528 (2008-2016), 1U54HD090216 (2017-2021)	Three Phases: 2008: \$3,840,552 2011: \$8,109,647 2017: <u>\$5,400,000</u> \$17,350,199
2009-2011	<i>The effects of DHA on fetal heart rate and development</i> (PI: Kathleen Gustafson, University of Kansas Medical Center. Co-PIs: John Colombo , University of Kansas, Susan Carlson, University of Kansas Medical Center). National Institutes of Health: Eunice Shriver National Institute for Child Health and Human Development, R21HD059019.	\$275,000
2009-2011	<i>Pupil size and circadian salivary variations in Autism Spectrum Disorder.</i> (PI: John Colombo). National Institute of Mental Health, R03MH084061-01	\$139,636
2012-2014	<i>Effect of Low Glycemic-Index Beverages on Toddler Cognition.</i> (PI: John Colombo). Mead Johnson Nutrition	\$193,575
2014-2016	<i>Nutritive effects of prebiotics on early postnatal behavioral measures of tolerance.</i> (Co-PIs: Susan Carlson, John Colombo). Mead Johnson Nutrition protocol 6023	\$243,743
2015-2016	<i>Visual attention, joint attention, and emergent language in infancy.</i> (PI: Brenda Salley; Faculty Mentor: John Colombo). National Institutes of Health (Eunice Shriver National Institute of Child Health and Human Development), K99HD75886.	\$390,231
2016-2021	<i>Prenatal DHA & Neurofunctional Development.</i> (PI: Kathleen Gustafson, Co-I: John Colombo , Susan Carlson, Byron Gajewski). National Institutes of Health (Eunice Shriver National Institute of Child Health and Human Development), R01HD086001.	\$3,774,865
2015-2020	<i>The Cork Nutrition and Microbiome Maternal-Infant Cohort Study.</i> (PI: John Colombo). Mead Johnson Nutrition protocol.	\$434,655
2016-2021	<i>Frontiers: The Heartland Institute for Clinical and Translational Research</i> (PI: Richard Barohn). National Institutes of Health, 2UL1TR002366 (John Colombo , Role: TL1 Navigator).	\$27,065,137
2018-2020	<i>The Effect of Maternal Egg and Choline Intake during Pregnancy on Fetal Neurodevelopment, Infant Cognition and Brain Function.</i> American Egg Board (PI: Danielle Christifano, Co-Is: Kathleen Gustafson, John Colombo , Jill Shaddy)	\$50,000

2019-2021	<i>Using PCORNET to Expand the DS-CONNECT Cohort through Healthcare System Recruitment, Incorporating Electronic Health Records, and Assessing Self-Determination</i> (PI: John Colombo), National Institutes of Health, U54 HD090216 04S1 (Supplement)	\$776,186
2020-2025	<i>Young infants' detection of emotion.</i> (PI: Nicole R. Zieber, Faculty Mentor: John Colombo), National Institutes of Health (National Institute of Child Health and Human Development), K99 HD101500	\$390,231
2020-2025	<i>Gatlinburg Conference on Intellectual and Developmental Disabilities.</i> John Colombo (PI), National Institutes of Health (National Institute of Child Health and Human Development), R13 HD102142	\$50,000
2022-2025	<i>Efficacy of a nutrient blend comprised of specific Human Milk Oligosaccharides (HMOs): A randomized, controlled, intervention study (TRIGEM Trial).</i> (PI: John Colombo). Société des Produits Nestlé S.A., CH-1800 Vevey, Switzerland, Trial 20.26INF, MNUT101250. Training (\$38,670) and Data Coding contract (\$411,033)	\$449,703
2020-2025	<i>The effects of feeding in term infants with an improved infant formula on neurodevelopmental outcomes (IMAGINE).</i> (PI: John Colombo). Fonterra Brands Ltd/Fonterra Australia Pty Ltd via South Australian Health and Medical Research Institute.	\$230,550
2023-2028	<i>Psychometrics and Predictive Validity of Infant Learning.</i> (MPIs: John Colombo , Kimberly Cuevas). National Institutes of Health, R01 HD103738	\$3,811,996

Funded Internal Grants

Period	Title	Amount
1985-1986	<i>Acquisition/performance relationships in infancy.</i> (PI: John Colombo). University of Kansas Biomedical Support Grant 85-4309	\$6,000
1987-1988	<i>Infant acquisition and retention of a visual-auditory contingency.</i> (PI: John Colombo). University of Kansas Biomedical Support Grant 86-4480.	\$5,800
1988-1989	<i>Reversal and nonreversal shifts in infant learning.</i> (PI: John Colombo). University of Kansas Biomedical Support Grant 88-4787.	\$5,500
1990-1991	<i>A signal detection analysis of infant visual recognition memory.</i> (PI: John Colombo). University of Kansas Biomedical Support Grant.	\$6,000
1992-1993	<i>Infants' processing of degraded visual targets: Effects of locus and type of deletion.</i> (PI: John Colombo). University of Kansas General Research Fund Grant. Note: original award amount was \$6,900 but \$4,350 of this grant was returned to the University when my NIH proposal was funded in January 1993.	\$2,550
1997-1998	<i>Individual differences in infant visual processing: A test of three hypotheses.</i> (PI: John Colombo). University of Kansas General Research Fund Grant. \$7,000.	\$7,000

1999-2000	<i>Integrating Digital Video Clips into Child Development Courses.</i> (PI: John Colombo). University of Kansas “Quest for the Best” Competition, Instructional Development Services. \$5,000.	\$5,000
2000-2003	<i>Birth DHA status: Sources and effects on attention.</i> 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.	\$25,000
2006-2008	<i>Supplemental Scholarship.</i> The Graduate School, University of Kansas. Awarded to the Department of Psychology. \$12,000.	\$12,000
2007-2008	<i>Alpha-amylase levels and psychophysiological arousal in autism.</i> University of Kansas General Research Fund Grant. \$10,327.	\$10,327
2008-2009	<i>Pupillary Responses and Neural Activation to Face and Non-Face Pictures in Children with ASD.</i> University of Kansas Center for Autism Research and Training (Life Span Institute), \$39,977 (with Christa J. Anderson, MA, and Cary Savage, PhD)	\$39,977
2009-2010	<i>Neural synchrony and the induction of attention in human infants.</i> University of Kansas General Research Fund Grant, \$13,400.	\$13,400
2012-2015	<i>The Kansas Center for Autism Research and Training: Phase II Expansion.</i> Strategic Initiative Grants: Level I. Office of the Provost. (PIs: Debra Kamps, R. Matt Reese, and John Colombo) \$750,000.	\$750,000
2022-2026	<i>Advancing Intellectual and Developmental Disabilities Research.</i> Research Rising Initiative (Competitive Internal Program). Office of the Vice Chancellor for Research and University of Kansas Endowment Association. (PIs: John Colombo , Matthew Mosconi, Karrie Shogren, Olivia Veatch, Peter Smith). \$2,936,867.	\$2,936,867

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
- 2001 J. Michael Young Outstanding Academic Advisor Award for the Social Sciences, 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 and elected to receive this award by graduate students in the Department of Psychology
- 2022 Translational Research Award (Career Award for Translating Basic Research to Application) International Congress on Infant Studies, <https://infantstudies.org/award-recipients/>
- 2024 Balfour Jeffrey Award for Research in the Humanities and Social Sciences, Higuchi-KU Endowment Research Achievement Awards, University of Kansas
<https://kansasalumnimagazine.org/magazine-article/ku-university-research-awards-2024/>
- 2025 Nominee, Outstanding Educator, University of Kansas Honors Program

Awards/Honors/Prizes to Students

- 1989 NICHD predoctoral traineeship in Developmental Psychology (Shannon J. Rash)
- 1990 NICHD predoctoral traineeship in Developmental Psychology (Jeffrey T. Coldren)
- 1991 NIDCD predoctoral traineeship in Developmental Psychology (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)
- 2007 Friends of the Life Span Institute Scholarship (Brandon S. Aylward)
- 2008 Friends of the Life Span Institute Scholarship (Audra Sterling)
- 2009 NIDCD predoctoral traineeship in Language Impairment across the Life Span (Leah Kapa)

PROFESSIONAL ACTIVITIES AND SERVICE

Professional Memberships

- 1985-present Society for Research in Child Development
- 1987-present International Congress on Infant Studies
2008-2013 Secretary
- 1988-present Psychonomic Society

1989-present	American Psychological Society 2003-present Fellow
1997-2016	American Psychological Association <i>Note: I resigned MY membership in 2016 to protest APA's involvement in justifying torture during the Bush administration</i> 1998-2016 Member, Division 7: Developmental Psychology 2002-2016 Fellow, Division 7: Developmental Psychology
2001-2004	International Society for Developmental Psychobiology
2008-present	Developmental Origins of Health and Disease

Editorships and Editorial Boards

1981-present	<i>Child Development</i> Editorial Board/Consulting Editor, 1982-1985, 1991-1997, 2003-2007 Associate Editor, 2007-2013
1995-present	<i>Infant Behavior and Development</i>
1999-2008	<i>Journal of Experimental Child Psychology</i>
2000-present	<i>Infancy</i> Editorial Board/Consulting Editor, 2000-2012 Editor, 2013-2018 Associate Editor (Editorial Board Submissions), 2024-present
2002-2012	<i>Journal of Applied Developmental Psychology</i>
2007-2011	<i>International Journal of Pediatrics</i>
2009-2012	<i>Developmental Disabilities Research Reviews</i>

Regular/Periodic Ad-Hoc Journal Reviewing

<i>Alcoholism: Clinical & Experimental Research</i>	<i>J Developmental Origins of Health and Disease</i>
<i>Amer J Mental Retardation</i>	<i>J Neurodevelopmental Disorders</i>
<i>Brit J Developmental Psychology</i>	<i>J Pediatric Psychology</i>
<i>Child Development</i>	<i>J Speech, Language, and Hearing Research</i>
<i>Cogent Psychology</i>	<i>Merrill-Palmer Quarterly</i>
<i>Cognition</i>	<i>Nature</i>
<i>Current Directions in Psychological Science</i>	<i>Neurobiology of Learning Memory</i>
<i>Developmental Neuropsychology</i>	<i>Neurotoxicology and Teratology</i>
<i>Developmental Psychobiology</i>	<i>Nutrition Reviews</i>
<i>Developmental Psychology</i>	<i>Pediatrics</i>
<i>Developmental Review</i>	<i>Prostaglandins, Leukotrienes, and Essential Fatty Acids</i>
<i>Developmental Science</i>	<i>Psychological Bulletin</i>
<i>Early Development and Parenting</i>	<i>Psychological Research</i>
<i>European J Developmental Psychology</i>	<i>Psychological Review</i>
<i>Infancy</i>	<i>Research in Developmental Disabilities</i>
<i>Infant and Child Development</i>	<i>Psychonomic Bulletin and Review</i>
<i>Infant Mental Health Journal</i>	<i>Psychophysiology</i>
<i>Intelligence</i>	<i>Psychological Science</i>
<i>International Journal of Psychophysiology</i>	<i>Science</i>
<i>J Applied Research in Intellectual Disabilities</i>	<i>Social Development</i>

Federal and Private Grant Panel Review Committees

Ad Hoc Reviewer

1992-present	National Science Foundation, “mail” (external) reviews
1989	March of Dimes Birth Defects Foundation
1992	New York University Research Challenge Fund
1994	American Psychological Association Student Travel Awards Reviewer
1997	The Wellcome Trust
2008	Notre Dame University, Internal Investment Program Reviewer
2010	Natural Sciences and Engineering Research Council of Canada
2007, 2016	Israel Science Foundation, Ad-hoc reviewer

Study Section/Panel Member

1994-2001	<i>March of Dimes Birth Defects Foundation</i> , Behavioral Sciences Review Panel
1994-1996	<i>National Institute of Mental Health</i> , B/START Program Study Section
1995	<i>National Institute of Child Health and Human Development</i> , HUD-3 Panel Study Section Member
1999	<i>National Institute of Child Health and Human Development</i> , HUD-1 Panel Study Section Member
2000-2002	<i>National Science Foundation</i> , Development and Learning Sciences Panel Member
2001-2002	<i>National Institutes of Health Center for Scientific Review</i> , BBBP-4 Panel Study Section Member
2002-2006	<i>National Science Foundation</i> , Child Research Initiative Panel Member
2003	<i>National Institutes of Health Center for Scientific Review</i> , Special Emphasis Study Section Member: Attention and Cognition in Development
2003	<i>National Institutes of Health Center for Scientific Review</i> , Special Emphasis Study Section Member: Attention and Cognition in Development
2004-2006	<i>Institute for Education Sciences</i> , Panel Member, Institute for Education Sciences Math and Science Education Review Panel.
2006-2008	<i>Institute for Education Sciences</i> , Panel Member, Institute for Education Sciences Basic Processes Review Panel.
2008-2012	<i>Institute for Education Sciences</i> , Panel Member, Outstanding Predoctoral Fellow, US Department of Education.
2010	<i>National Institutes of Health Center for Scientific Review</i> , BBBP-D52, Special Emphasis Study Section Member: Methodology and Measurement in the Behavioral and Social Sciences
2011-2014	<i>Institute for Education Sciences</i> , Panel Chair, Institute for Education Sciences Basic Processes Review Panel.
2012	<i>National Institutes of Health Center for Scientific Review</i> , Study Section Member, VSL ZDC1 SRB L50 (R03 reviews)
2013	<i>National Institutes of Health Center for Scientific Review</i> , ZDH1 DSR-H NJ1, National Institute of Child Health and Human Development Special Emphasis Panel Member
2013	<i>National Institutes of Health Center for Scientific Review</i> , Study Section Member, ZRG1 BBBP-T (03) Special Emphasis Panel (R01 reviews)
2017-2024	<i>National Institutes of Health Center for Scientific Review</i> , Biobehavioral & Behavioral Sciences Subcommittee. 2022-2024 Chair, CCHD Study Section
2022-2025	<i>National Science Foundation</i> , Panelist, Developmental and Learning Sciences Directorate

External Faculty Reviews (Promotion, Tenure, Named/Distinguished Appointments)

1994 Department of Psychology, Case Western Reserve University
1995 Department of Psychology, Virginia Tech University
Department of Psychology, New York University
1996 Department of Psychology, New York University
Department of Psychology, Hofstra University
1999 Department of Psychology, Lake Forest College, Elmhurst, Illinois
Department of Psychology, University of Kentucky
2000 Department of Psychology, Brown University
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
Department of Psychology, University of California at Davis
2008 Department of Psychology, Denver University
Department of Psychology, Hunter College, City University of New York
2009 Department of Psychology, Denver University
Department of Psychology, Loyola University of Chicago
2010 Department of Educational Psychology, University of Minnesota
Department of Psychology, Hunter College, City University of New York
Department of Psychiatry and Behavioral Sciences, Johns Hopkins State University School of
Medicine
Department of Psychology, University of California at Davis
2012 Department of Psychology, University of Tennessee
Department of Psychology, University of California at Davis
Department of Psychology, New Mexico State University
Department of Psychology, Utah State University
2013 Department of Psychology, Bellarmine University
Department of Psychology, Boston University
2014 Department of Psychology, University of Connecticut
Department of Psychology, Brown University
Department of Psychology, University of Texas at Dallas
2015 Department of Special Education, University of Minnesota
Oregon National Primate Center, Oregon Health Sciences University
2016 School of Human Ecology, University of Wisconsin-Madison
Alfred P. Sloan Foundation, New York
2017 Center for Human Development/Department of Pediatrics, University of Minnesota
Department of Psychology, University of Connecticut
Cognitive Development Society, Steven Reznick Award for Early Career Contributions
Institute for Child Development, University of Minnesota
2019 Department of Psychology, Utah State University
Department of Speech, Language, and Hearing Science, Purdue University
2021 Department of Psychology, University of Tennessee
2022 Department of Psychology, University of Maryland
Department of Psychology, University of California at Davis
Institute for Child Development, University of Minnesota

National/International Service to Professional Organizations

1985-	Society for Research in Child Development (biannually since initial date)
1986-	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	Advisory Board, <i>Encyclopedia of Clinical Child and Pediatric Psychology</i> . Kluwer Academic/Plenum Publishers, New York.
2002-2003	Senior mentor (for Dr. Deborah Linebarger, Annenberg School of Communications, University of Pennsylvania), William T. Grant Scholars Program
2003-2006	Fellows Committee, Division 7 (Developmental Psychology), American Psychological Association
2004	Society for Research in Child Development Task Force on Journals and Memberships
2005	Panel Chair, "Attention, Perception, and Learning," Society for Research in Child Development, Atlanta, GA
2007	Consultant, Executive Director Search Committee, Society for Research in Child Development
2008-2012	Secretary, International Society for Infant Studies
2008	Panel Chair, "Attention, Learning, and Memory," International Conference on Infant Studies, Vancouver, British Columbia
2010	Participant, "Lunch with the Leaders," Meeting of the Society for Research in Child Development, Montreal Quebec, Canada
2013-2015	Member, External Advisory Committee, the High Risk Baby Siblings Research Consortium. Autism Speaks, New York, NY USA (http://www.autismspeaks.org/science/research-initiatives/high-risk-baby-sibs)
2017-2018	Panel Chair, "Attention, Learning, and Memory," Society for Research in Child Development, Baltimore, MD
2020-2021	Panel Member, "Attention, Learning, and Memory," Society for Research in Child Development, Baltimore, MD

Service to the University of Kansas

University Level (Chancellor/Provost/Vice Chancellor/Vice Provost)

1988	Planning and Building Committee, University of Kansas Regents Center.
1989	Committee for Dedication of the Dole Human Development Center
1989	Life-Span Cognitive Search Committee, Department of Psychology
1989-2012	University of Kansas Advisory Committee on Human Experimentation (Campus-Wide Institutional Review Board) 1992 Acting IRB Chairperson, September-October 1993 Coordinator Search Committee 1993-2012 IRB Chair, December 1999-2000 Joint Lawrence/Medical Center Campus IRB Issues Subcommittee

1995-2002	Graduate Council, University of Kansas 1999 Subcommittee on Graduate Program Review 2000 Standing Committee, Graduate Council, Periodic Program Review
1995, 1997	Participant, New Student Summer Orientation Program
2000	University of Kansas Center for Research, Director of Research Compliances and Contracts Search
2001-2002	Chancellor's Policy Group: Task Force on Conflict of Interest
2001-2004	Undergraduate Academic Concerns Committee
2001-2002	Chancellor's Policy Group: Task Force on Institutional Review Boards
2001-2004	Associate Dean of the Graduate School. Duties included: Director, <i>Preparing Future Faculty (PFF)</i> 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	Panelist for Workshop on Graduate Mentoring, The Office of the Graduate School and International Programs
2006-2012	Research Integrity Advisory Committee, University of Kansas Center for Research, Inc.
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
2007-2008	Task Force on Graduate Studies, Office of Research and Graduate Studies.
2008-2009	Search Committee, Associate Vice Provost for Research and Graduate Studies
2008-2015	Member, Executive Committee, Kansas University Center for Research, Inc.
2009-2010	Chancellor's Task Force on Research Engagement
2009-2016	Member, Board of Trustees, University of Kansas Center for Research, Inc.
2010-2011	Driving Discovery and Innovation Working Group 2011 Strategic Initiative Evaluation Proposal Review Group
2011	Co-Chair, Strategic Initiative on <i>Finding Cures and Promoting Well-Being</i> . Office of the Provost, University of Kansas.
2011-2012	Member, Internal Committee for Five-Year Review of Higuchi Biosciences Center, Office of the Vice Provost for Research and Graduate Studies, University of Kansas.
2011-2015	Affiliate Liaison for the Lawrence campus to the Leadership Team for the Heartland Institute for Clinical and Translational Research, University of Kansas Medical Center
2012-2013	Member, Advocates for Community Engaged Scholarship (ACES), Office of Research and Graduate Studies
2012	Member, Search Committee for Associate Vice Chancellor for Research and Graduate Studies

2012	Chair, Committee for Review of a Proposal for a New Designated Center, Research and Graduate Studies
2013	Ad-Hoc Committee on Federal Sequestration, Office of Research and Graduate Studies/University of Kansas Center for Research
2014	Member, Search Committee, Vice Chancellor for Research
2017-	Faculty Development Liaisons Committee
2017-2019	Interim Vice Chancellor for Research
	President, Kansas University Center for Research
	Trustee, Kansas University Commercialization and Technology Center
	Chancellor's Cabinet
	Governmental Relations Committee
	Provost Direct Report
	Capital Project Executive Committee
	Emergency Operations Committee
	Intellectual Property Committee

School Level (College of Liberal Arts and Sciences, CLAS)

1991-1992	Graduate Admissions Committee, Clinical Child Psychology Program
1994	Social Sciences General Research Fund Competition Committee, CLAS
1997	Cognitive Search Committee, Department of Psychology
1998-2004	Human Biology Interdisciplinary Program
	1998-2002 Departmental Liaison for Human Development
	2002-2004 Departmental Liaison for Psychology
1999, Spring	CLAS Committee on Appointments, Promotion, and Tenure, CLAS
1999-2002	CLAS 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	Linguistics Chairperson Search Committee List, CLAS
2000	Committee on Faculty Elections, CLAS
2000-2001	Social Sciences General Research Fund Competition Committee, CLAS
2003-2005	Cognitive Neuroscience Search Committee, Speech, Language, and Hearing Sciences
2006	CLAS Grievance Committee (Chair)
2006-2009	CLAS Committee on Appointments, Promotion, and Tenure
	2007-2008 Chair, Social Sciences Subcommittee
	2008-2009 Chair
2007-2008	Search Committee, Speech, Language, and Hearing Sciences
2007-2008	CLAS Task Force on the Center for the Analysis of Data (CAD)
2013	Search Committees for Biobehavioral Approaches to Neurodevelopmental Disorders Initiatives
	Speech Hearing and Language Sciences Search
	Clinical Child Psychology/Life Span Institute Search
2013-2015	Biobehavioral Approaches to Neurodevelopmental Disorders (BAND) Initiative Working Group
2014	Member, Task Force on Center for Research Methodology and Data Analysis (CRMDA)

Department Service⁵

⁵ Note: Departmental service from 1987 to 2001 provided to the Department of Human Development and Family Life (HDFL); 2002 and beyond provided to the Department of Psychology (PSYC)

1987-1992	Computer Committee 1991-1992, Chair
1988-1995	Comprehensive/Prelim Committee
1988-2001	Faculty Development Committee
1988-2001	Graduate Curriculum Committee 1995-2001, Chair and Graduate Director
1991	Psychopharmacology Faculty Search Committee
1992, 1996	Merit Pay Committee
1992-1993	Graduate Research Fund Proposal Evaluations
1993	Undergraduate Grievance Committee
1994	Alternative Teaching Load Policy Subcommittee
1996-1998	Cognitive Developmental Faculty Search (Chair)
1999-2000	Committee on Departmental Planning/Future
2002-2004	Promotion, Tenure, and Merit Committee
2002-2004	Edwards Campus Developmental Psychology BA Program
2003	Cognitive Neuroscience Search Committee (Chair)
2004	Quantitative Search Committee
2004	Co-Director, Developmental Psychology Graduate Training Program
2005-2006	Acting Chairperson
2005-2007	Graduate Director
2005-2008	Undergraduate Research Experience Program (REP) Liaison
2008	Merit Committee
2009-2011	Promotion and Tenure Committee
2011-2014	Faculty Evaluation (Merit) Committee
2013-2014	Promotion and Tenure Committee
2016-2017	Faculty Evaluation (Merit) Committee

Disciplinary Service to Community and Industry

1990	Consultant, Psychologisch Instituut Heymans, University of Gröningen, Netherlands. Member, National Advisory Board, <i>An investigation of interactions between behavior state conditions and environmental events among children and youth with profound and multiple handicaps</i> . NIDR-Funded Project, (D. Guess, PI). Department of Special Education, University of Kansas. Consultant, Department of Psychiatry. University of California at Los Angeles 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) Consultant, New York State Institute for Research on Developmental Disabilities Consultant, Department of Psychology. University of North Carolina at Asheville.
1992	Consultant, Department of Pediatrics. University of Tennessee Medical School, Memphis. Consultant, <i>Epidemiology of schizophrenia</i> . 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	Consultant and Collaborator, Oregon Regional Primate Center/Oregon Health Sciences University, Portland. Consultant and Collaborator, Frank Porter Graham Child Development Center, University of North Carolina.

1995 Consultant and Collaborator, Department of Biobehavioral Sciences, University of Connecticut
 Consultant, Pediatric Research and Development, Ross Laboratories, Columbus, Ohio
 Consultant, Department of Psychology, Fort Hays State University, Hays, Kansas.

1996 Consultant, Department of Psychology, Niagara University, Niagara Falls, New York.
 Reviewer and Evaluator, Federation of American Societies for Experimental Biology. Bethesda, Maryland.
 Consultant, The Lighthouse, Inc. New York, New York.
 Reviewer, Blackwell Publishers, Oxford, England.

1997 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
 Reviewer, Addison Wesley Longman, Reading, Massachusetts

2000 Consultant, School of Public Health, Johns Hopkins University, Baltimore, Maryland
 Consultant, Department of Family Studies, Texas Tech University, Lubbock, Texas
 Consultant, School of Public Health, Nutrition and Maternal Health Unit, Harvard University, Cambridge, Massachusetts
 Contributor and Consultant, BBC Television, London, England
 Contributor and Consultant, CNN Online: *AsiaWeek Magazine*

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

2002 Continuing contributor/consultant, *Parenting Magazine*
 Research Affairs Consultant, Mead Johnson Nutrition, Evansville, IN

2003 Contributor and Consultant, MSNBC Online
 Medical Affairs Consultant, Mead Johnson Nutrition, Evansville, IN
 Contributor and Consultant, WebMD Health Affairs
 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.
 Contributor and Consultant, *Taca Magazine*

2005 Contributor and Consultant, *American Baby Magazine*
 Participant and Plenary Speaker, Mead Johnson Nutrition Speakers Development Series
 Member, International Advisory Board, New Zealand Milk, Auckland, New Zealand.
 Consultant, Department of Psychology/Department of Nutrition, Oklahoma State University
 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.
 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 Consultant, Department of Nutrition, University of British Columbia
 Contributor and Consultant, *www.wired.com*
 Consultant, US Tuna Foundation
 Contributor and Consultant, Fragile X Research Center, Frank Porter Graham Institute for Child Development, University of North Carolina, Chapel Hill, NC
 Consultant, New Zealand Milk, Auckland, New Zealand.

2007-pres Consultant, Fonterra Brands, Auckland, New Zealand
 Member, Scientific Advisory Board, Fonterra Brands, Auckland, New Zealand

2007	Consultant, Mead Johnson Nutrition, Evansville, IN 2011-2012 Member, Brain Research Advisory Panel (B-RAP) Consultant, <i>Environmental contaminants and infant cognitive development</i> . PI: David Thomas, Oklahoma State University. United States Food and Drug Administration
2008	Consultant, International Life Sciences Institute (www.ilsa.org)
2010	External site reviewer, Department of Psychology: College of Liberal Arts and Sciences, Oklahoma State University
2011	Consultant, University of Adelaide Food and Nutrition Centre
2012	National Advisory Committee, Intellectual and Developmental Disabilities Research Center, Medical Investigations into Neurodevelopmental Disorders (MIND) Institute, University of California – Davis Medical School, Sacramento, CA.
2013	External Advisory Board, Baby Siblings Research Consortium. Autism Speaks/National Institute of Mental Health/National Institute of Child Health and Human Development. Princeton, NJ, USA. Scientific Advisory Board, BioFortis, Inc. Addison, IL, USA.
2014	Campbell's Soup, Inc./Pepperidge Farm, Camden, NJ/Norwalk CT, USA
2015	External site reviewer, DeLTA Center: Office for the Vice President for Research and College of Liberal Arts and Sciences, University of Iowa, Iowa City, IA. External site reviewer, College-wide research centers: College of Education and Human Development, University of Minnesota, Minneapolis, MN.
2016	Advisory Board Member, CONNECT Clinical Trial, Nestlé Research Institute, Lausanne, Switzerland.
2017-	Advisory Board Member, Ingenuity Food Science and Nutrition, Redwood City, CA.
2018-	Advisory Board Member, Wyeth/Nestle Executive Function Project, Lausanne, Switzerland.

MENTORING AND ADVISING

Graduate Committees (*Indicates Committee Chair)

Student	Program	Level and Year
Adamopolous, Anthony	Cognitive Psychology	Comp, 2002; Ph.D., 2004
Anderson, Christa J.	Cognitive Psychology	M.A., 2005*; Comp, 2007*; Ph.D., 2010*
Ash, Andrea	Child Language	Ph.D., 2009
Aylward, Brandon	Clin Child Psychology	M.A., 2007*; Ph.D., 2010*
Betz, Stacy	Child Language	Comp, 2004; Ph.D., 2005
Blaga, Otilia	Cognitive Psychology	M.A., 2003*; Comp, 2007*; Ph.D., 2010*
Blossom, Megan	Child Language	Comp, 2012*; Ph.D., 2013*
Bojanek, Erin	Clinical Child Psychology	M.A., 2018
Bovaird, James	Quant Psychology	Ph.D., 2002
Brown, Twila	Nursing	Comp, 2000; Ph.D., 2002
Buckloh, Lisa	Clinical Child Psychology	Ph.D., 1997
Bunnell, Sarah	Devel Psychology	M.A., 2007
Cain, David	Educ Psychology	Comp, 1998
Caldera, Yvonne M.	Devel/Child Psychology	Comp, 1989; Ph.D., 1990
Casebolt, Kevin	Health/Sport/Exercise Sci	Ph.D., 1998; Ph.D., 1997
Chan, Kit Yang (Vivien)	Cognitive Psychology	Comp, 2010; Ph.D., 2012
Chen, Rong	Human Development	M.A., 1998
Cleanthous, Charalambos	Devel/Child Psychology	Comp, 1992; Ph.D., 1994
Coldren. Jeffrey T.	Human Development	M.A., 1987; Comp, 1992; Ph.D., 1992

Curtindale, Lori M.	Devel Psychology	Comp, 2011*; Ph.D., 2013*
Dickerson, Sandra J.	Human Development	M.A., 1992
Doty, Tasha	Cognitive Psychology	M.A., 2009*
Duvuru, Prathyusha	Cognitive Psychology	Comp, 1999; Ph.D., 2002
Elledge, Allison	Clinical Child Psychology	Comp, 2012; Ph.D., 2014
Farrell, Callie	Dietetics and Nutrition	M.A., 2016
Fortin-Miller, Sara	Dietetics and Nutrition	Ph.D., 2022
Freeseaman, Laura J.	Human Development	M.A., 1990*
Frick, Janet E.	Human Development	M.A., 1992*; Comp, 1996*; Ph.D., 1996*
Geldhof, John	Devel Psychology	M.A., 2008; Ph.D., 2011
Ghali, Samantha	Child Language	Ph.D., 2024*
Gifford, Jennifer J	Human Development	M.A., 1994*
Graff, Carolyn	Nursing	Comp, 1999; Ph.D., 2001
Gronwaldt, Virginia	Devel/Child Psychology	Ph.D., 1998
Haas, Dominic M.	Cognitive Psychology	M.A., 2003
Hammock, Ron S.	Human Development	M.A., 1994
Hanson-Abromeit, Deanna	Music Education/Therapy	Comp, 2005
Harlan, Julie E.	Human Development	M.A., 2000*
Hinton, Jo Ann	Human Development	M.A., 1993
Ho, Ming-Chou	Cognitive Psychology	Comp, 2003; Ph.D., 2004
Hood, Catherine J.	Clinical Child Psychology	M.A., 1997
Johnson, Rebecca	Clinical Child Psychology	Comp, 2003; Ph.D., 2005
Kakolewski, Kirsten	Clinical Psychology	Comp, 2002
Kapa, Leah	Child Language	M.A., 2010*; Comp, 2012*; Ph.D., 2013*
Kildow, Christine A.	Human Development	M.A., 1997
Kim, Kerri	Clinical Child Psychology	M.A., 2005
Koshino, Hideya	Cognitive Psychology	Comp, 1994; Ph.D., 1995
Land, J. Devin	Cognitive Psychology	Comp, 2006; Ph.D., 2007*
Lee, Jae Hoon	Quantitative Psychology	Comp, 2007; Ph.D., 2009
Lind, Michael J.	Counseling Psychology	Ph.D., 1997
Linebarger, Deborah A.	Educational Psychology	M.A., 1994
Luxton, David	Clinical Psychology	Ph.D., 2007
Maikranz, Julie M.	Human Development	M.A., 1999*; Ph.D., 2005
Marshall, David	Cognitive Psychology	M.A., 2008
McKay, Alicia	Cognitive Psychology	M.A., 2005
McKee, Meredith	Applied Behav Science	Comp, 2005
McNamara, Kelly	Devel Psychology	M.A., 2007
McNeal, Rodney E.	Clinical Child Psychology	M.A., 1994
Merkel, Tiffany M.	Human Development	M.A., 1992
Midgley, Bryan D.	Devel/Child Psychology	Comp, 1996; Ph.D., 2000
Miller (Beyer), Alisa	Cognitive Psychology	M.A., 2003; Comp, 2005; Ph.D., 2006
Mitchell, D. Wayne	Devel/Child Psychology	Ph.D., 1989
Murphy, Kimberlee M.	Human Development	M.A., 1992
Obermeier, Sara M.	Devel Psychology	M.A., 2014*
Oppenheimer, Sabrina M.	Human Development	M.A., 1988
Ortiz, Jana D.	Clinical Child Psychology	M.A., 1994*
Ortiz, V. Kristi	Human Development	M.A., 1994
Peterson, Matthew J.	Cognitive Psychology	Comp, 1996; Ph.D., 1997
Piñon, Marites Y.	Devel/Child Psychology	Ph.D., 1993
Proctor-Williams, Kerry	Child Language	Ph.D., 2005

Randall, Camille J.	Clinical Child Psychology	M.A., 1994
Reis, Daniel	Clinical Psychology	Comp, 2018
Richman, W. Allen	Human Development	M.A., 1999*; Comp, 2002*; Ph.D., 2003*
Rosen, Elizabeth	Nursing	Comp, 2008; Ph.D., 2009
Ryther, Jennifer S.	Human Development	M.A., 1994*
Saxon, Terrill F.	Educational Psychology	Comp, 1993; Ph.D., 1995
Scholtz, Susan	Dietetics and Nutrition	Ph.D., 2012
Semb, Patricia	Human Development	M.A., 2004
Shaddy, D. Jill	Human Development	M.A., 2001*
Stanford, John A.	Human Development	M.A., 1994; Comp, 1998; Ph.D., 1998
Sterling, Audra	Cognitive Psychology	M.A., 2007*; Comp, 2008*; Ph.D., 2009*
Stevens, Cassandra	Clinical Child Psychology	M.A., 2024
Stevens-Loupe, Pippa M.	Devel/Child Psychology	Comp, 1994; Ph.D., 1995
Stewart, Peter	Clinical Child Psychology	M.A., 2005
Sun, Sunkey	Devel Psychology	Comp, 2014; Ph.D., 2015
Todd, James T.	Devel/Child Psychology	Ph.D., 1990
Trane, Sarah A.	Clinical Child Psychology	Ph.D., 1997
Tsethlikai, Monica	Cognitive Psychology	Comp, 2005; Ph.D., 2005
Varela, Enrique	Clinical Child Psychology	Comp, 1999
White-Dressel, Jeffrey	Cognitive Psychology	M.A., 2005, Comp, 2006; Ph.D., 2007
Wolford, Nannette J.	Health/Sport/Exercise Sci	Comp, 1996
Wright, Daniel J.	Clinical Child Psychology	Comp, 1998; Ph.D., 2001
Xiangdong, Yang	Quantitative Psychology	Comp, 2003; Ph.D., 2003

Advisee Placements and Current Advisees

Predoctoral Advisees:

Last Known Position:

Anderson, Christa J., PhD	Assistant Research Professor, Health Psychology, Thompson Center, University of Missouri-Columbia and Chief Scientific Officer at Nascent Stage Research, Kansas City, MO.
Aylward, Brandon, PhD	Assistant Professor of Pediatrics, Emory University School of Medicine; Divisions of Pediatric Neurology and Sibley Heart Center Cardiology, Children's Healthcare of Atlanta. Atlanta, GA.
(Blaga) Romero, Otilia, PhD	Instructor, Brandman University, Irvine, CA (Chapman University System, Orange, CA)
Casebolt ⁶ , Kevin, PhD	Professor, Physical Education, East Stroudsburg State University, Stroudsburg, PA.
Coldren, Jeffrey T., PhD	Professor and Chair, Department of Psychology, Master Teacher, and Rich Center Faculty Fellow, Youngstown State University, Youngstown, OH
Curtindale, Lori M., PhD	Assistant Professor, Department of Psychology, Eastern Carolina University, Greenville, NC
(Doty) Follmer, Tasha, PhD	Clinical Research Supervisor, Department of Occupational Therapy, Washington University of St. Louis School of Medicine, St. Louis, MO.
Freeseaman-Freeman, Laura J., MA	Principal Data Scientist, T-Mobile, Overland Park, KS

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

Frick, Janet E., PhD	Associate Professor and Associate Department Head, Department of Psychology, University of Georgia, Athens, GA.
(Gifford) Stoecker, Jennifer, MA	Counselor IV at Disability Determinations, State of Missouri, Springfield, MO
(Harlan) Nelson, Julie, MA	Director, Strategy & Insights at VMLY&R, Kansas City, MO.
Kapa, Leah J., PhD	Assistant Professor, Department of Speech, Language, and Hearing Sciences, University of Arizona, Tucson, AZ.
Land, Devin, PhD	Community Leader and Executive Director for L'Arche Clinton, Clinton IA.
Maikranz, Julie, PhD	Private practice, Child Clinical Psychology, Lincoln, NE
(McElhaney) Obermeier, Sara, MA	Project Manager, Department of Population Health, University of Kansas Medical Center, Kansas City, KS
Ortiz ⁷ , Jana D., PhD	Clinical Psychologist, Center for Children and Families, Kapolei, HI
Richman, W. Allen, PhD	Senior Director of Strategic Insights, American Psychological Association, Washington DC.
Ryther Allen, Jennifer, MA	Special Education Teacher, USD497, Lawrence, KS.
Shaddy, D. Jill, MA	Senior Research Associate, Department of Dietetics and Nutrition, University of Kansas Medical Center, Kansas City, KS
Sterling, Audra, PhD	Associate Professor, Communication Sciences and Disorders, University of Wisconsin-Madison, Madison, WI.
(Stratton) Blossom, Megan, PhD	Associate Professor and Chair, Department of Psychology, Castleton State University, Castleton, VT.
Samantha Ghali, PhD	Assistant Professor, Speech and Hearing Sciences, University of South Mississippi, Hattiesburg, MS
<i>Postdoctoral Advisees:</i>	<i>Current Position:</i>
Brez, Caitlin, PhD	Associate Professor and QEP Co-Director, Department of Psychology, University of North Carolina at Asheville, Asheville NC.
Cheatham, Carol, PhD	Associate Professor, University of North Carolina Nutrition Research Institute, School of Public Health, Kannapolis, NC, and Department of Psychology, University of North Carolina, Chapel Hill, NC.
Kannass, Kathleen, PhD	Professor and LICJ Program Director, School of Education, Concordia University, Mequon, WI.
Salley, Brenda, PhD	Associate Professor, Department of Pediatrics, University of Kansas Medical Center. K99/R00 awardee from NICHD
Saxon, Terrill F., PhD	Interim Dean, Professor, Associate Dean of Graduate Studies and Global Engagement.. Baylor University, Waco, TX
Zieber, Nicole, PhD	Assistant Professor, Department of Health Service Psychology, Kansas City University K99/R00 awardee from NICHD

⁷Co-advised at the M.A. level with Michael C. Roberts, Professor of Psychology and Human Development, and Director of Child Clinical Program.