

CURRICULUM VITAE***Carol L. Cheatham, Ph.D.***

Associate Professor of Psychology & Neuroscience
 University of North Carolina at Chapel Hill
 Nutrition Research Institute
 500 Laureate Way, Rm 1101
 Kannapolis, NC 28081

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 carol_cheatham@unc.edu

EDUCATION

University of Minnesota, Twin Cities, Minneapolis, MN

Summa Cum Laude

1999 – 2004

Ph.D. in Child Psychology, Minor in Neuroscience earned 2004

Dissertation title: Recall deficits in infants born preterm: Sources of individual differences.

Advisors: Patricia J. Bauer, Ph.D. and Megan R. Gunnar, Ph.D.

Committee Chair: Michael K. Georgieff, M.D.

M.A. in Child Psychology earned 2001

Thesis title: Dominance, popularity, and gendered culture in preschool.

Advisor: Megan R. Gunnar, Ph.D.

University of Wyoming, Laramie, Wyoming

Summa Cum Laude

1997 – 1999

B.S. in Psychology (Cognitive Concentration), Minor in Statistics

Northwest College, Powell, Wyoming

1995 – 1997

A.A. in Psychology

PROFESSIONAL EXPERIENCE

Associate Professor, Department of Psychology & Neuroscience

2014 – present

University of North Carolina – Chapel Hill

Associate Professor, Nutrition Research Institute

2014 – present

University of North Carolina – Chapel Hill

Assistant Professor, Department of Psychology

2008 – 2014

University of North Carolina – Chapel Hill

Assistant Professor, Nutrition Research Institute

2008 – 2014

University of North Carolina – Chapel Hill

Assistant Research Professor, Department of Dietetics & Nutrition

2005 - 2008

Kansas University Medical Center

Adjunct Research Associate, Schiefelbusch Life Span Institute

2004 - 2007

University of Kansas

Research Associate, Department of Dietetics & Nutrition

2004 - 2005

Kansas University Medical Center

HONORS AND AWARDS

2014 National Trio Achiever's Award - 2014
 2010 Distinguished Alumna, Northwest College – 2010
 International Life Sciences Institute 2011 Future Leader Nomination - 2010
 Danone Nutrition Leadership Institute Inductee - 2009
 New Investigator Award – International Society for Study of Fatty Acids & Lipids - 2008
 Young Investigator Award – International Society for Study of Fatty Acids & Lipids - 2006
 University of Minnesota Doctoral Dissertation Fellowship - 2004
 Eva O. Miller Fellowship – 2003 – 2004
 National Science Foundation Graduate Fellowship – 2000 – 2003
 Equal Education Opportunity Fellowship – 1999 – 2000

PROFESSIONAL AFFILIATIONS

American Health Council, Education Board	2016-present
American DOHaD Society (founding member)	2016-present
Society for Developmental Origins of Health and Disease	2015-present
International Society for Nutrigenetics and Nutrigenomics	2014-present
American Society for Nutrition	2009-present
Nutrition Leadership Alumni Association	2009-present
International Society on Infant Studies	2007-present
International Society for the Study of Fatty Acids & Lipids	2007-present
Cognitive Development Society	2003-present
Society for Research in Child Development	2000-present
American Psychological Association	1997-2004
Phi Beta Kappa	inducted 1999
Phi Kappa Phi	inducted 1999
Golden Key National Honor Society	inducted 1998
Psi Chi National Honor Society in Psychology	inducted 1997

PUBLICATIONS

Books & Chapters

- Cheatham, C.L.** (in press). Nutrigenetics & Cognition, In Caterina, Martinez, & Kohlmeier (Eds.). *Principles of Nutrigenetics and Nutrigenomics*.
- Carlson, S.E., **Cheatham, C.L.**, Colombo, J., Carlson, S.E. (2017). Long-chain polyunsaturated fatty acids in the developing brain. In Polin, Abman, Rowitch, Benitz, & Fox (Eds.). *Fetal and Neonatal Physiology, 5th Ed.* (pp 380-389), Philadelphia, PA: Elsevier.
- Cheatham, C.L.**, Colombo, J., Carlson, S.E. (2011). Long-chain fatty acids in the developing retina and brain. In Polin, Fox, & Abman (Eds.). *Fetal and Neonatal Physiology* (pp 497-508), Philadelphia, PA: Elsevier.
- Cheatham, C.L.**, Larkina, M., Bauer, P.J., Toth, S., Cicchetti, D. (2010). Declarative memory in abused and neglected infants. In P.J. Bauer (Ed.), *Advances in Child Development and Behavior, Volume 38 - Varieties of Early Experience: Implications for the Development of Declarative Memory in Infancy* (pp. 161-182). London, U.K.: Elsevier.
- Cheatham, C. L.**, Sesma, H. W., & Georgieff, M. K. (2010). The development of declarative memory in infants born preterm. In P.J. Bauer (Ed.), *Advances in Child Development and Behavior, Volume 38 - Varieties of Early Experience: Implications for the Development of Declarative Memory in Infancy* (pp. 111-135). London, U.K.: Elsevier.

- Colombo, J. & **Cheatham, C.L.** (2006). The emergence and basis of endogenous attention in infancy and early childhood. In R. Kail (ed.), *Advances in Child Development and Behavior, Volume 34*, (pp. 283-322). Oxford: Academic Press. DOI: 10.1016/S0065-2407(06)80010-8
- Bauer, P.J., **Cheatham, C.L.**, Strand Cary, M., Van Abbema, D. (2002). Short-term forgetting: Charting its course and its implications for long-term remembering. In S.P. Shohov (Ed.) *Advances in psychology research. Volume 9*, (pp. 53-74). Huntington, NY: Nova Science Publishers [Reprinted in S.P. Shohov (Ed.), *Perspectives on cognitive psychology* (pp. 93-112). Huntington, NY: Nova Science Publishers]

Refereed Papers/Articles

- Sheppard, K.S. & **Cheatham, C.L.** (2016). Executive functions and the omega-6 to omega-3 fatty acid ratio : A cross-sectional study. *American Journal of Clinical Nutrition, 105*, 32-41.
- Cheatham, C.L.**, Vasquez-Vidal, I., Medlin, A., & Voruganti, V.S. (2016). Blueberry consumption affects serum uric acid concentrations in older adults in a sex-specific manner. *Antioxidants, 5*, 43-54; doi :10.3390/antiox5040043.
- Sheppard, K.W. & **Cheatham, C.L.** (2016). Validating the Electric Maze Task as a measure of planning. *Journal of Cognition & Development* ; doi : 10.1080/15248372.2016.1195387 ; [ePub ahead of print].
- Liao, K.E., McCandliss, B.D., Carlson, S.E., Colombo, J., Shaddy, D.J., Kerling, E.H., Lepping, R.J., Sittiprapaporn, W., **Cheatham, C.L.**, Gustafson, K.M. (2016). Event-related potential differences in children supplemented with long-chain polyunsaturated fatty acids during infancy. *Developmental Science*, doi: 10.1111/desc.12455. [ePub ahead of print]
- Cheatham, C.L.** & Sheppard K.W. (2015). Synergistic effect of human milk nutrients in the support of infant recognition memory: an observational study. *Nutrients, 7*, 9079-9095.
- Cheatham, C.L.**, Lupu, D.S., & Niculescu, M.D. (2015). Genetic and epigenetic transgenerational implications related to omega-3 fatty acids. Part II : maternal *FADS2* rs174575 genotype and DNA methylation predict cognitive performance. *Nutrition Research, 35*, 948-955. Awarded the 2015 David Kritchevsky Graduate Student Award by the editor of Nutrition Research.
- Lupu, D.S., **Cheatham, C.L.**, Corbin, K.D., & Niculescu, M.D. (2015). Genetic and epigenetic transgenerational implications related to omega-3 fatty acids. Part I : maternal *FADS2* genotype and DNA methylation correlate with polyunsaturated fatty acid status in toddlers : an exploratory analysis. *Nutrition Research, 35*, 939-947. Awarded the 2015 David Kritchevsky Graduate Student Award by the editor of Nutrition Research.
- Cheatham, C.L.** (2014). Mechanisms and correlates of a healthy brain : A commentary. *Monographs of the Society for Research in Child Development, 79*, 149-152.
- Sheppard, K.W. & **Cheatham, C.L.** (2013). Omega-6 to omega-3 fatty acid ratio and higher order cognitive functions in 7- to 9-y-olds : A cross-sectional study. *American Journal of Clinical Nutrition, 98*, 1-9.
- Colombo, J., Carlson, S.E., **Cheatham, C.L.**, Shaddy, D. J., Kerling, E., Thodosoff, J., Gustafson, K., Brez, C. (2013). Long-term effects of LCPUFA supplementation on childhood cognitive outcomes. *American Journal of Clinical Nutrition, 98*, 403-412.
- Riggins, T., **Cheatham, C. L.**, Stark, E., Bauer, P.J. (2013). Behavioral imitation at 20 months predicts memory abilities in school age children. *Journal of Cognition & Development, 14*, 593-606.

- Cheatham, C.L.**, Davis Goldman, B., Fischer, L.M., Reznick, J.S., & Zeisel, S.H. (2012). Phosphatidylcholine supplementation in pregnant women consuming moderate-choline diets does not enhance infant cognitive function: a randomized, double-blind, placebo-controlled trial. *American Journal of Clinical Nutrition*, *96*, 1465-1472.
- Cheatham, C.L.**, Nerhammer, S., Asserhoj, M. Michaelsen, K., & Lauritzen, L. (2011). Fish oil supplementation during lactation : effects on cognition and behavior at 7 years of age. *Lipids*, *46*, 637-645.
- Colombo, J., Carlson, S.E., **Cheatham, C.L.**, Fitzgerald-Gustafson, K.M., Kepler, A., Schmeidler, T. (2011). Long-chain polyunsaturated fatty acid supplementation in infancy reduces heart rate and positively affects distribution of attention. *Pediatric Research*, *70*, 1-5.
- Cheatham, C.L.** (2008). Omega-3 fatty acids and the development of cognitive abilities: a review of DHA supplementation studies. *CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition, and Natural Resources*, *3*, No. 001. <http://www.cababstractsplus.org/cabreviews>.
- Levant, B. & **Cheatham, C.L.** (2007). Functionele rol van LCP bij hersenontwikkeling [Functional role of LCP in brain development]. F.A.J. Muskiet (Ed.). *Special Vetzuren, Wetenschappelijke publicatie over kindervoeding, October 2007*. Groningen, Netherlands: Elsevier Gezondheidszorg
- Pelligrini, A.D., Roseth, C.J., Mliner, S., Bohn, C.M., Van Ryzin, M., Vance, N., **Cheatham, C.L.**, Tarullo, A. (2007). Social dominance in preschool classrooms. *Journal of Comparative Psychology*, *121*, 54-64.
- Cheatham, C.L.**, Colombo, J., & Carlson, S.E. (2006). N-3 fatty acids and cognitive and visual acuity development: Methodological and conceptual considerations. *American Journal of Clinical Nutrition*, *83*, 1458S-1466S.
- Cheatham, C.L.**, Bauer, P.J., & Georgieff, M.K. (2006). Predicting individual differences in recall by infants born preterm and fullterm. *Infancy*, *10*, 17-42.
- Wiebe, S.A., **Cheatham, C.L.**, Lukowski, A.F., Haight, J.C., Muehleck, A.J., & Bauer, P.J. (2006). Infants' ERP responses to novel and familiar stimuli change over time: Implications for novelty detection and memory. *Infancy*, *9*, 21-44.
- Cheatham, C.L.** & Bauer, P.J. (2005). Construction of a more coherent story: Prior verbal recall predicts later verbal accessibility of early memories. *Memory*, *13*, 516-532.
- Gunnar, M.R. & **Cheatham, C.L.** (2003). Brain and behavior interface: Stress and the developing brain. *Journal of Infant Mental Health*, *24*, 195-211.
- Seban, A.M., Pierce, S.L., **Cheatham, C.L.**, & Gunnar, M.R. (2003). Gendered social worlds in preschool: Dominance, peer acceptance, and assertive social skills in boys' and girls' peer groups. *Social Development*, *12*, 91-106.
- Cheatham, C.L.**, Jennings, P.J., Karom, M., Van Kirk, E.A. (1998). The effects of cortisol on learning and memory. *The National McNair Journal*, Fall 1998.

Refereed Paper Presentations and Abstracts

- Canipe III, L.G., Jackson, T.W., **Cheatham, C. L.**, (2016) "Effects of egg supplementation on developmental outcomes of the typically-developing and fetal alcohol-exposed rat pup." International Egg Symposium, paper and poster presented in Banff, Alberta, Canada, October 4-6, 2016.
- Cheatham, C.L.**, Vazquez-Vidal, I., Turski, C.L., Medlin, A., Millsap, G.M., Voruganti, S. (2016). Sex-specific and obesity-specific association of serum uric acid with cognitive function in older

- adults. Presented at Experimental Biology 2016, San Diego, California, April 2-6, 2016.
- Jackson, T. W., Canipe, L.G., **Cheatham, C.L.** (2016). Supplementation with choline chloride in a liquid rodent diet: recipe development for differing caloric intake in a fetal alcohol model. Presented at Experimental Biology 2016, San Diego, California, April 2-6, 2016.
- Canipe, L.G., Jackson, T. W., **Cheatham, C.L.** (2016). Effects of DHA & choline supplementation on developmental outcomes of the typically developing and fetal alcohol exposed rat. Presented at Experimental Biology 2016, San Diego, California, April 2-6, 2016.
- Sheppard, K.W., **Cheatham, C.L.**, Armer, A.L., Millsap, G. (2015). The omega-6 to omega-3 fatty acid ratio predicts declarative memory abilities in toddlers. Presented at the Ninth Biennial Meeting of the Cognitive Development Society, Columbus, Ohio, October 9-10, 2015.
- Cheatham, C.L.** & Sheppard, K.W. (2015). The relation of human milk lutein, choline, docosahexaenoic acid content to recognition memory abilities of 6-month-old breastfed infants. Presented at Origins & Benefits of Biologically Active Components of Human Milk, FASEB SRC, Big Sky, Montana, July 19-24, 2015.
- Sheppard, K.W. & **Cheatham, C.L.** (2015) Validation of an electric maze as a novel planning task. Presented at the Society For Research in Child Development Bi-Annual Meeting, Philadelphia, Pennsylvania, March 18 – 21, 2015.
- Cheatham, C.L.**, Stegall, J.M., Sheppard, K.S., Armer, A.L., Millsap, G.M., Wernimont, S., & Zeisel, S.H. (2014). The relation of human milk lutein, choline, and docosahexaenoic acid content to recognition memory abilities of 6-month-old breastfed infants. Paper presented at Experimental Biology 2014, San Diego, CA. April 26-30, 2014. Re-presented at Pediatric Academic Societies 2014, Vancouver, British Columbia, Canada, May 3-6, 2014.
- Cheatham, C.L.**, Thomas, J.D., May, Philip A., & Zeisel, S.H. (2013). Choline and epigenetic mechanisms: potential for mediation of fetal alcohol spectrum disorders. Presented at the 1st International Conference on Prevention of FASD, Edmonton, Alberta, Canada, September 23-25, 2013.
- Cheatham, C.L.**, Sheppard, K.W., Lupu, D.S., & Niculescu, M.D. (2013). Flaxseed oil supplementation increases long-chain omega-3 and omega-6 fatty acids in plasma. Presented at Experimental Biology 2013, Boston, Massachusetts, April 20-24, 2013.
- Cheatham, C.L.**, Niculescu, M.D., Lupu, D.S. (2013). Maternal influence on toddler cognitive development: genetic and epigenetic factors. Presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, Washington, April 18-20, 2013.
- Cheatham, C.L.** (2013). Electrophysiological evidence of maternal genetic effects on the recognition memory abilities of breastfed 6-month-olds. Presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, Washington, April 18-20, 2013.
- Sheppard, K.W. & **Cheatham, C.L.** (2013). Omega-6 to omega-3 fatty acid ratio and higher-order cognitive functions in children 7 to 9 years old. Presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, Washington, April 18-20, 2013.
- Cheatham, C.L.** (2012). Electrophysiological evidence of the influence of maternal *FADS2* genotype on the memory abilities of breastfed 6-month-olds. Presented at the 2012 International Conference on Infant Studies, Minneapolis, Minnesota, June 7-9, 2012.
- Niculescu, M.D., Lupu, D.S., **Cheatham, C.L.**, & Stegall, J.M. (2012). Polyunsaturated fatty acids levels in toddlers are related to maternal *FADS2* DNA methylation and rs174575 genotype. Poster presented at Experimental Biology 2012, San Diego, California, April 21-25, 2012.

- Cheatham, C.L.** (2012). Genetic influence on fatty acid composition of human breastmilk. Poster presented at Experimental Biology 2012, San Diego, California, April 21-25, 2012.
- Cheatham, C.L.**, Niculescu, M.D., Lupu, D.S., & Stegall, J.M. (2012). Effects of flaxseed oil supplementation and FADS genotype on declarative memory abilities in toddlers. Paper presented at Experimental Biology 2012, San Diego, California, April 21-25, 2012.
- Will, K., **Cheatham, C. L.**, Stegall, J. (2011) Omega-6 to omega-3 fatty acid ratios and higher order cognitive functions in 7-to-9-year-olds. Presented at the Seventh Biennial Meeting of the Cognitive Development Society, Philadelphia, Pennsylvania, October 14-15, 2011. Presented again at Experimental Biology 2012, San Diego, California, April 21-25, 2012.
- Colombo, J., Carlson, S.E., **Cheatham, C.L.**, Shaddy, D.J., Gustafson, K. M., Kannass, K., Brez, C., Curtindale, L., Kepler, A. Doty, T., Kerling, B., Jacoby, J. (2011). LCPUFA supplementation affects measures of preschool cognition but not the Bayley Scales. Presented at the Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Denver Colorado, Apr 30 – May 3, 2011.
- Cheatham, C.L.** (2011). The influence of FADS2 rs174575 on the recognition memory abilities of 6-month-old breastfed infants. Presented at Experimental Biology 2011, Washington, D.C., April 8-13, 2011.
- Cheatham, C.L.**, Nerhammer, S., Asserhoj, M., Michaelsen, K.F., Lauritzen, L. (2011). Fish oil supplementation during lactation: Effects on cognition and behavior at 7 years of age. Presented at Experimental Biology 2011, Washington, D.C., April 8-13, 2011.
- Cheatham, C.L.**, Niculescu, M.D., Lupu, D., Greiner, R.S., Corbin, K.D., Stegall, J. (2010). Behavioral, genetic, and epigenetic implications of dietary supplementation with alpha-linolenic acid in humans. Presented at the 9th Biennial Meeting of the International Society for the Study of Fatty Acids and Lipids, Maastricht, The Netherlands, May 29 – June 2, 2010.
- Cheatham, C.L.** & Carlson, S.E. (2010). The long-term effects of infant formulae enriched with docosahexaenoic acid on the declarative memory abilities of toddlers. Presented at the 9th Biennial Meeting of the International Society for the Study of Fatty Acids and Lipids, Maastricht, The Netherlands, May 29 – June 2, 2010.
- Cheatham, C.L.** The effect of docosahexaenoic acid on declarative memory abilities: Pilot data and future directions. (2009). Presented at Scientific Speed Dating, North Carolina Research Campus, Kannapolis, NC, February 18, 2009.
- Cheatham, C.L.**, Colombo, J., Carlson, S.E. (2008). The effect of feeding formula enriched with docosahexaenoic acid on the declarative memory abilities of 10-month-olds. Poster presented at the University of Kansas Faculty Research Day, November 8, 2007. Presented again at the 8th Biennial Meeting of the International Society for the Study of Fatty Acids and Lipids, Kansas City, May 17 – 22, 2008.
- Cheatham, C.L.**, Nerhammer, S., Asserhoj, M., Michaelsen, K.F., & Lauritzen, L. (2008). Effect of LCPUFA maternal supplementation during lactation on cognitive abilities of 7-year-olds: A follow-up study and further exploratory analyses. Paper presented at the 8th Biennial Meeting of the International Society for the Study of Fatty Acids and Lipids, Kansas City, May 17 – 22, 2008.
- Cheatham, C.L.**, Bauer, P.J., & Colombo, J. (2007). Declarative memory and cardiac evidence of attention: Implications for age-related changes in attention. Poster presented at the Fifth Biennial Meeting of the Cognitive Development Society, Santa Fe, October 26 – 27, 2007. Presented again at the University of Kansas Faculty Research Day, November 8, 2007.
- Cheatham, C.L.**, Colombo, J., Carlson, S.E. (2006). DHA effects in cognitive development:

Implicated processes and future directions. Paper presented at the 7th Congress of the International Society for the Study of Fatty Acids & Lipids, Cairns, Queensland, Australia, July 23-28, 2006.

- Cheatham, C.L.**, Colombo, J., Carlson, S.E. (2006). DHA effect in cognitive development: Implicated processes. Paper presented at the 2005 Clinical Nutrition Seminar, Kansas University Medical Center, Kansas City, Kansas, September, 16, 2005.
- Cheatham, C.L.**, Bauer, P.J. & Georgieff, M.K. (2005). Recall deficits in infants born preterm: Sources of individual differences. Poster presented at the 2005 Society for Research in Child Development Biennial Meeting, Atlanta, Georgia, April 7 – 10, 2005.
- DeBoer, T.D., **Cheatham, C.L.**, Stark, E., & Bauer, P.J. (2005). Beyond the gong: Relations between elicited imitation performance at 20 and 40 months of age and explicit memory at 6 years of age. Poster presented at the 2005 Society for Research in Child Development Biannual Meeting, Atlanta, Georgia, April 7 – 10, 2005.
- Wiebe, S.A., **Cheatham, C.L.**, Aristizabal, N., Toth, S.L., & Bauer, P.J. (2005). Control of attention in an elicited imitation task: Different patterns for maltreated and non-maltreated children. Poster presented at the 2005 Society for Research in Child Development Biannual Meeting, Atlanta, Georgia, April 7 – 10, 2005.
- Lukowski, A. F., Wiebe, S. A., **Cheatham, C. L.**, & Bauer, P. J. (2005). The effect of reference technique on amplitude and latency measures in infant ERP research: Qualitative and quantitative comparisons. Poster presented at the 12th Annual Meeting of the Cognitive Neuroscience Society: New York, NY, April 10 – 12, 2005.
- Wiebe, S. A., Lukowski, A. F., **Cheatham, C. L.**, Haight, J. C., & Muehleck, A. J. (2004). Forming representations of event sequences during an ERP test: Do you have to be there? Poster presented at the 14th Biennial International Conference on Infant Studies: Chicago, Illinois, May 5-8, 2004.
- Cheatham, C.L.**, Bauer, P.J., & Georgieff, M.K. (2003). Memory development in high- and low-risk infants and toddlers with preterm histories. Paper presented at the 2003 Society for Research in Child Development Biennial Meeting, Tampa, Florida, April 24-27, 2003.
- Cheatham, C.L.** & Bauer, P.J. (2003). Verbal accessibility of early non-verbal memories: What really predicts? Poster presented at the Third Biennial Meeting of the Cognitive Development Society, Park City, Utah, October 24–25, 2003.
- Cheatham, C.L.** & Mliner, S. (2003). Getting to go first: A measure of dominance. Poster presented at the 2003 Society for Research in Child Development Biennial Mtg, Tampa, FL, April 24-27, 2003.
- Cheatham, C.L.**, Gunnar, M.G., Sebanc, A.M. (2001). Does perceived social competence mediate the relations between temperament, peer status, and cortisol levels in preschoolers? Poster presented at the International Society for Developmental Psychobiology Annual Meeting, November 7 - 10, 2001, San Diego, California.
- Cheatham, C.L.** (2001). Initial learning, short-term forgetting, and long-term memory in 20-month olds. Poster presented at the 2001 Society for Research in Child Development Biennial Meeting, Minneapolis, Minnesota, April 19-22, 2001.
- Cheatham, C.L.** (2001). Dominance, popularity, and gendered culture in the preschool. Poster presented at the 2001 Society for Research in Child Development Biennial Meeting, Minneapolis, Minnesota, April 19-22, 2001. Presented again at Mind & Emotion: From the Molecular to the Cultural, Minneapolis, Minnesota, May 16-18, 2001.
- Cheatham, C.L.**, Jennings, P.J., Karom, M., VanKirk, E.A. (1999). The effects of cortisol on learning and memory. Poster presented at the Council on Undergraduate Research 3rd Annual Posters on the

Hill, Hart Senate Building, Washington D.C., April 14, 1999.

Cheatham, C.L., Jennings, P.J., Karom, M., VanKirk, E.A. (1999). The effects of cortisol on learning and memory. Paper presented at the Great Plains Students' Psychology Convention, Friends University, Wichita, Kansas, March 12-13, 1999.

Cheatham, C.L., Jennings, P.J., Karom, M., VanKirk, E.A. (1998). The effects of cortisol on learning and memory. Paper presented at the Pennsylvania State University Ronald E. McNair Summer Research Conference, Pennsylvania State University, State College, Pennsylvania, August 7-9, 1998.

Other (Un-refereed) Publications

Cheatham, C.L. (2005). Recall deficits in infants born preterm: Sources of individual differences. [Dissertation Abstract] *Dissertation Abstracts International: Section B: The Sciences and Engineering*. Vol 65(9-B), 2005, 4867. US: Univ Microfilms International.

Invited Oral Presentations

“Early Programming of Cognitive Development – From Assessment to Intervention” Keynote Speaker (Fall 2016). Roundtable Meeting, Wyeth Science Center, Hong Kong.

“A New Era in Understanding How Nutrigenetics and Nutrients Shape Cognitive Development” (Fall 2016). The Interplay Between Nutrigenetics and Cognition, and Neuroimaging to Understand the Developing Brain, Wyeth Nutrition Science Center Symposium, Hong Kong.

“Synergistic Effects of Nutrients in Support of Recognition Memory – An Observational Study” (Fall 2016). Early Learning and Nutrition, Wyeth Nutrition Science Center Symposium, Kuala Lumpur, Malaysia.

“Update on the BERRY Study: Microbiome Results” (Spring 2016). USA:NZ Berryfruits for Human Health Workshop, Motueka, New Zealand.

“Synergistic Effects of Human Milk Nutrients in the Support of Infant Recognition Memory” (Spring 2016). 5th Annual Wyeth Nutrition Global Summit: Elevating Childhood Nutrition at Every Step, Vienna, Austria.

“Electrophysiological Methodology to Assess Recognition Memory in the Synergistic Effects Study” (Spring 2016). 5th Annual Wyeth Nutrition Global Summit: Elevating Childhood Nutrition at Every Step, Vienna, Austria.

“The effect of blueberry consumption on the cognitive abilities in 65- to 79-year-olds: a 6-month randomized controlled trial.” (Fall 2015). Presented at the 6th Biennial Berry Health Benefits Symposium, Madison, Wisconsin.

“BERRY: A 6-month Randomized Controlled Trial of the Effect of Blueberries on Cognitive Decline.” (Summer 2015). US:NZ Science Workshop – Building the Health Claims Dossier for Berryfruits, Kannapolis, NC.

“The Relation of Human Milk Lutein, Choline, and Docosahexaenoic Acid Content to Recognition Memory Abilities of 6-Month-Old Breastfed Infants.” (Summer 2015). Recent Advances in Cognition and Nutrition Conference, Taipei, Taiwan.

“Human Milk Nutrients and Recognition Memory in 6-Month-Old Infants.” (Summer 2015). Wyeth Nutrition Indonesia Media Conference, Jakarta, Indonesia.

“The Impact of Long-Chain Polyunsaturated Fatty Acids on Child Development.” (Summer 2015). Presented at the 2nd Indonesia – South East Asia Sharing on Child Health Challenges Summit. Denpasar, Bali, Indonesia.

“The Relation of Human Milk Lutein, Choline, and Docosahexaenoic Acid Content to Recognition

- Memory Abilities of 6-Month-Old Breastfed Infants.” (Summer 2015). Presented at the 2nd Indonesia – South East Asia Sharing on Child Health Challenges Summit. Denpasar, Bali, Indonesia.
- “iPads in the Hands of Scientists.” (Spring 2015). Presented at the Kannapolis Education Foundation Annual Breakfast, Kannapolis, North Carolina.
- “Synergistic Effect of Choline with DHA and Lutein as it Relates to Cognitive Abilities of Human Infants.” (Spring 2015). Presented at Recent Advances in Cognition & Nutrition, The 2nd Wyeth Nutrition Science Center Symposium, Guangzhou, Guangdong Province, China.
- “Nutrition and Brain Function.” (Spring 2015). Presented at Taihe Hospital, Hubei University, Shiyan, Hubei Province, China.
- “B.E.R.R.Y.: Design and Implementation.” (Fall 2014). Presented at the Wild Blueberry Association of North America Annual Summit, Bar Harbor, Maine.
- “Maternal Nutrition and Cognition of Infants and Toddlers” (Spring 2014). Presented at the 2014 Global Conference on Maternal Nutrition, Istanbul, Turkey.
- “Berries and Brain: Partners in Life and Longevity” (Spring 2014). Presented at the 2014 Appetite for Life Series, Kannapolis, North Carolina.
- “Cognitive Development in Human Infants Requires Nutritional Support” (Spring 2014). Presented at the Philippines Pediatric Society Conference, Manila, The Philippines.
- “Effects of DHA on Cognitive Development.” (Spring 2014). Presented at the Center for Behavioral Teratology, San Diego State University, San Diego, California.
- “Nutrition: How Food Fuels the Brain.” (Fall 2013). Presented at the IDEAL Biotechnology Customer Appreciation Summit, Shanghai, China and in Chengdu, China.
- “Effects of DHA on Cognitive Development.” (Fall 2013). Presented at Psychology Department Brown Bag, University of Alberta, Edmonton, Alberta, Canada.
- “Steering You in the Right Direction: How Food Fuels the Brain.” (Fall 2013). Presented at Johnson C. Smith University, Charlotte, North Carolina.
- “B.E.R.R.Y.: Design and Implementation.” (Summer 2013). Presented at the Wild Blueberry Association of North America Annual Summit, Bar Harbor, Maine.
- “Nothing But Net: Taking the Mystery Out of ERPs.” (Summer 2013). Presented at the David H. Murdock Research Institute, Kannapolis, North Carolina.
- “Measuring the Impact of Nutrition on Cognitive Development.” (Spring 2013). Presented at the 114th Abbott Nutrition Research Conference, Ross Park, Columbus, Ohio.
- “Developmental Concepts and Nutrition: A Case for Maternal Factors” (Fall 2012). Presented at Keneba Field Station Medical Research Council Staff Symposium, Keneba, The Gambia, West Africa.
- “Choline and Optimal Development” (Fall 2012). Presented at Keneba Field Station Medical Research Council Journal Club, Keneba, The Gambia, West Africa.
- “Nutrition and Behavioral Development in Human Infants” (Fall 2012). Presented at Pfizer Nutrition and Cognitive Development Workshop, Chapel Hill, North Carolina.
- “Current Conceptual Frameworks Affecting Development” (Fall 2012). Presented at the 1st Annual Southeast Asia Nutrition and Learning Summit: Multiple Dimensions of Nutrition and Development, Philippine Society for Developmental and Behavioral Pediatrics, Manila, The Philippines.

- “The Impact of Long-Chain Polyunsaturated Fatty Acids on Child Development” (Fall 2012). Presented at the Philippine Society for Developmental and Behavioral Pediatrics Nutrition and Learning Summit, Manila, The Philippines.
- “Role of Nutrition in Early Cognitive Development: An Overview” (Spring 2012). Presented at Seminar and Workshop on Cognitive Development and Assessment in Infants and Young Children, International Life Sciences Institute Southeast Asia Region, Singapore.
- “Influence of Nutrition and Related Genetics on Cognitive Development” (Spring 2012). Presented at Developmental Psychology Spring 2012 Speaker Series. University of Virginia, Charlottesville, Virginia.
- “Effects of DHA on Cognitive Development” (Spring 2012). Presented at Pfizer Neuroscience Day 2012, Madison, New Jersey.
- “Maternal Nutrition and Cognition of Infants and Toddlers” (Fall 2011). Southeast Asia Lecture Tour. Presented to health professionals in Singapore, Ho Chi Minh City, and Ha Noi, Vietnam.
- “Fatty Acids’ Influence on Cognitive Development: Evidence from Infants and Children.” (Fall 2011). Presented at Developmental Lunch, Department of Psychology, University of North Carolina at Chapel Hill.
- “School Readiness: Does it STEM from Nutrition?” (Fall 2011). Presented at Stem Conference: Enhancing Our Global Impact through STEM Innovation. Johnson C. Smith University, Charlotte, North Carolina.
- “The Effects of Nutrition on Cognitive Development: Behavioral and Electrophysiological Assessment” (Fall 2010). Presented at Arkansas Children’s Nutrition Center Seminar Series, University of Arkansas, Little Rock, Arkansas.
- “Optimization of Human Brain Development: Is DHA Relevant?” (Fall 2010). Presented at Biology Departmental Seminar Series, University of North Carolina Charlotte.
- “Variability in the Development of Infant Memory: Nutritional and Genetic Sources” (Spring 2010). Presented at the Nutritional Biochemistry Seminar Series, University of North Carolina, Chapel Hill.
- “Fish or Flax: Does Your Brain Need An Oil Change?” (Spring 2010). Presented at the Appetite for Life Academy: Frontiers in Nutrition, Kannapolis, North Carolina.
- “Nutrition & Cognitive Development: Sources of Individual Differences” (Fall 2009). Presented at the Eating Disorders Research Fellowship Seminar Series, University of North Carolina, Chapel Hill.
- “The Interface Between Psychology and Neuroscience: A Career Path” (Fall 2009). Presented at the North Carolina Academy of Science 2009 Undergraduate Research Workshop, Catawba College, Salisbury, North Carolina.
- “Nutrition & Brain Development: Effects on Declarative Memory” (Fall 2009). Keynote Address. Charlotte Dietetics Association, Charlotte, North Carolina.
- “Effects of Nutrition on Brain Development” (Fall 2009). Presented at Charlotte Biotechnology Conference, Charlotte, North Carolina.
- “Sources of Variability in the Development of Declarative Memory” (Spring 2009). Presented at the Center for Excellence in Pediatric Research Colloquium Series, University of North Carolina, Chapel Hill.
- “Potential Neural Correlates of Declarative Memory” (Spring 2009). Presented at Center for Developmental Science Colloquium Series, University of North Carolina, Chapel Hill.
- “Contributing Factors in the Development of Declarative Memory” (Spring 2008). Presented at the

Department of Psychology Developmental Brown Bag Series, University of North Carolina, Chapel Hill.

“DHA Effects in Cognitive Development: Implicated Processes” (Spring, 2007). Presented at DCN Brown Bag Series, Department of Psychology, University of Nebraska, Lincoln.

“Zen and the Art of Research” (Spring, 2007). Keynote Address, Research Day at the University of Wyoming.

“Class Distinctions in the Ivory Tower” (Summers, 2005-2008). Presented to McNair Scholars, University of Kansas.

“The Making of a Memory: Relations with Language and Processing” (Fall, 2005). Presented at Child Language Proseminar, Department of Psychology, University of Kansas.

“Recall Abilities of Infants Born Preterm: When Nurture Begins before Nature is Prepared” (Fall, 2004). Presented at Developmental Proseminar, Department of Psychology, University of Kansas.

“Individual Differences in Recall by Infants Born Preterm and Fullterm” (Spring, 2005). Presented at Cognitive Proseminar, Department of Psychology, University of Kansas.

“Your Part-time Job as Scholarship Recipient” (Summer, 2005). Presented to McNair Scholars, University of Kansas.

“Graduate School Survival: Life After McNair.” (2001). Keynote Address, Rocky Mountain Regional McNair Conference Achiever’s Luncheon, Fort Collins, Colorado, April 6, 2001.

“The Scholarship Search: How to be a Success” (Summer, 1999). Presented to TRIO Students, University of Wyoming.

“Cortisol and Academic Performance,” Radio Interview – National Public Radio, *Insight* with Jim Kearns, February, 1999.

TEACHING ACTIVITIES

Courses Taught/Developed

Instructor	Child Development
Instructor	Biological Bases of Child Development
Instructor	Nutrition & Cognition Development
Co-Instructor	Developmental Psychobiology
Co-Instructor	Advanced Cognitive Development

Post-Doctoral Students Mentored

Sheau Ching Chai	“Effects of blueberries on body composition.”	2011-2013
Jocilyn Delluva	“Binge eating disorder & biology”	2008-2009
Rebecca Greiner	“The effects of alpha-linolenic acid on memory.”	2009-2010

Predocctoral Students Mentored (role: advisor)

Larry Grant Canipe (role: advisor)		2013-present
Chelsea Nehler (role: advisor)	“Effects of prenatal stress on the HPA axis of infant.”	2012-2013
Kelly Sheppard (role: advisor)	“Omega-3 and Omega-6 fatty acid ratios and	

executive function in 7 to 9 year olds.”

2010-2016

Predoctoral Students Mentored (role: committee member)

Rebecca L. Stephens	“Attentional behaviors in infancy predict attentional and executive control between 30 and 42 months of age.”	2014-2016
Olivenne Skinner	“Longitudinal predictors of gender attitudes and relationships between the gender attitudes, gender identity and educational choices of black and white youth.”	2014-2015
Noah Berman	“Developmental experiences in the prediction of thought action fusion: contribution of religious, familial, and stress factors.”	2011-2012
Kristi Copping	“High school students’ career aspirations: The role of gender stereotypes, parents, and school environment.”	2010-2011
Andrea Donahoe	“Phonological working memory in young children: the effects of word length and delay.”	2008-2010
Jed Elison	“Flexibly attending to salient information in infancy: the amygdala and infant cognition.”	2009-2010
Jennifer Gibson	“The development and influence of hierarchical processing style.”	2010-2012
Tanee M. Hudgens	“Child and parental correlates of racial socialization in African American families.”	2011-2012
Seungjin Lee	“Children’s memories of stressful experience: Effects of source monitoring training and individual differences.”	2009-2011
Anna Van Meter	“Can a sensitive palate beget sensitive mood? The relation between supertasting and disordered mood”	2011-2012

Interns Mentored

Olga Savka	University of North Carolina at Charlotte	Spr - Fall 2016
Tyler Dishman	Rowan Cabarrus Community College	Spring 2016
Bianca Bernal	A.L. Brown High School	Fall 2015
Steven Talbert	Rowan Cabarrus Community College	2015-2016
Lucille Connolly	University of North Carolina at Charlotte	2015-2016
Andrei Niculescu	Jay M. Robinson High School	Summer 2015
Anna Silver	Northwest Cabarrus High School	Summer 2015
Kalei Woodford	Lake Norman Charter School	Summer 2015
Kierra Simmons	A.L. Brown High School	Spring 2015
Padydeh Doroodchi	University of North Carolina at Charlotte	Spring 2015
Beth Swiatek	University of Tennessee Knoxville	Spring 2015
Chris Sisneros	Liberty University	2014-2015

Sidney Gray	A.L. Brown High School	Fall 2014
Fran Bullard	Barnard College	Summer 2014
Dana Cobb	Appalachian State University	Summer 2014
Christa Thomas	Appalachian State University	2013-2014
Maxwell Patel	Salisbury High School	2013-2014
Isabella Krider	Davidson High School	2013-2014
Chad Clinard	Cannon School	2013-2014
Katelynne Poole	Brevard College	2013-2014
Hampton Smith	Davie County High School	2013-2014
Alyssa Ferri	University of North Carolina at Chapel Hill	2012-2013
Savanna Athey	Catawba College	2012-2013
Katie Lenarcic	Winthrop University Graduate Program	Spring 2013
Zachary Bombardier	A.L. Brown High School	Fall 2012
Amber McNight	A.L. Brown High School	Spring 2012
Meredith Gentle	Azusa Pacific University	Spring 2012
Siddharth Modi	N.C. School of Science & Mathematics	Spring 2012
Priyenka Khatiwada	Northwest Cabarrus High School	Spring 2012
Sabrina Toppin	University of North Carolina at Charlotte	Fall 2011
Lauren Middlebrooks	A.L. Brown High School	Fall 2011
Addison White	Jay M. Robinson High School	Summer 2011
Hanna Burris	University of North Carolina at Chapel Hill	Summer 2011
Jennifer McDonnell	Catawba University	Summer 2011
Sheetal Raval	University of North Carolina at Charlotte	Spring 2011
Jaquesea Williamson	A.L. Brown High School	Spring 2011
Heather Jones	University of North Carolina at Charlotte	Fall 2010
Grace Milsap	University of North Carolina at Charlotte	2010-2011
DeAuyana Davis	A.L. Brown High School	Fall 2010
Micah Grier	A.L. Brown High School	Fall 2010
Stuart Dula	University of North Carolina at Chapel Hill	Summer 2010
Scott Russell	Pfeiffer University	Summer 2010
Sarah Devlin	Catawba University	Spring 2010
Lauren Graham	Catawba University	Spring 2010
Raven Hill	A.L. Brown High School	Fall 2009
Ben Lovin	Cornell University	Summer 2009
Stuart Dula	University of North Carolina at Chapel Hill	Summer 2009
Rebecca Ketner	University of North Carolina at Charlotte	Summer 2009

CONTRACTS & GRANTS

ACTIVE:

Carol L. Cheatham, Ph.D. (PI) \$405,382 direct costs 9/1/2013 – 8/31/2017
National Institutes of Health (K01)
The proposed study is to train the PI in rat models of fetal alcohol effects and to explore the effects of choline supplementation with alcohol consumption on pre- and postnatal brain development.

UNDER REVIEW:

Carol L. Cheatham, Ph.D. (PI) \$2,374,528 direct costs 7/1/2017 – 6/30/2022
National Institutes of Health (R01)
The proposed study is to characterize the effects of maternal fatty acid supplementation on infant brain health during gestation and breastfeeding.

COMPLETED:

Carol L. Cheatham, Ph.D.

& V. Saroja Voruganti, Ph.D. (co-PIs) \$38,282 direct costs 11/1/2015 – 6/30/2016

The study is intended to explore the relations among uric acid, cognition, and blueberry ingestion. This study is an extension of the BERRY trial.

Carol L. Cheatham, Ph.D. (PI) \$24,757 direct costs 11/1/2015 – 6/30/2016

This study is a follow-up to BERRY. Participants will be brought into the lab for a tenth session to assess cognitive decline since the end of the BERRY study.

Carol L. Cheatham, Ph.D. (PI)

& Cathi Propper, Ph.D. (co-PIs) \$34,121 direct costs 11/1/2015 – 6/30/2016

This study is a follow-up to the synergy study. The participants will be tested for executive function which will be analyzed with infant, toddler, and concurrent nutrition.

Carol L. Cheatham, Ph.D.

& Joe Piven, M.D. (co-PIs) \$100,000 direct costs 2/1/2015 – 6/15/2017

Nutrition Research Institute

This is a seed grant with which we will obtain pilot data on the hypothesis that sulforaphane (broccoli) is a potential treatment for autism.

Carol L Cheatham, Ph.D (PI) \$1,124,636 direct costs 6/1/2015 – 12/31/2015

Mead Johnson Nutritionals

This clinical trial will test the effects of a new infant formulation on the cognitive development of infants. (withdrawn by industry before completion – reorganization of R & D)

Carol L. Cheatham, Ph.D. (co-PI) \$100,000 direct costs 2/1/2015 – 6/15/2015

Nutrition Research Institute

This is a seed grant with which we will obtain pilot data on the hypothesis that fatty acids during gestation are related to better sleep in infancy.

Carol L. Cheatham, Ph.D. (PI) \$241,596 direct costs 9/1/2012 – 12/31/2015

Nestle Nutrition, Inc.

The proposed study will explore the relation between levels of lutein and DHA in human milk and cognition during the toddler period.

Carol L. Cheatham, Ph.D. (PI) \$379,121 direct costs 10/15/2011 – 4/30/2015

United States Department of Agriculture

The major goal of this randomized controlled trial is to test the effects of blueberry consumption on the progression of mild cognitive decline in older adults.

Carol L. Cheatham, Ph.D. (co-PI) \$116,136 direct costs 5/1/2010 – 4/30/2015

United States Department of Agriculture

The major goal of this study is to explore the effects of blueberries on the progression of cognitive decline in humans.

Hussong, Cox, Ornstein, & Shanahan (co-PIs) 5/01/2010 – 4/30/2015

NIH/NICHHD T32

\$2,337,958 direct costs

Training grant for integrated research activities for developmental science (Child Development Research Collaborative)

Role: Co-Investigator

- Jack Odle, Ph.D. (PI) \$770,956 direct costs 4/1/2010 – 3/31/2014
 United States Department of Agriculture
 This is a training grant to establish a transdisciplinary graduate training program on the North Carolina Research Campus.
 Role: Co-Investigator
- Carol L Cheatham, Ph.D. (co-PI) \$100,000 direct costs 5/20/2012 – 10/31/2013
 Bill and Melinda Gates Foundation
 This study aims to develop methods for testing the effects of choline on cognitive development in third world countries.
- Carol L Cheatham, Ph.D. (PI) \$7,500 direct costs 1/1/2011 – 12/31/2011
 IBM Fund Award
 This award is in place to retain a research assistant.
- Kelly Will (co-PI) \$2,000 direct costs 12/1/2010 – 11/30/2011
 TraCS \$2K Award
 This study is designed to explore the ratio of n-6/n-3 and its effects on executive functioning in elementary aged children.
 Role: co-PI/Faculty Mentor
- Carol L Cheatham, Ph.D. (PI) \$7,200 direct costs 11/1/2010 – 10/31/2011
 Nutrition Obesity Research Center
 The major goal of this project is to determine the stability of the fatty acid content of breastmilk in humans.
- Carol L Cheatham, Ph.D. (PI) \$25,314 direct costs 12/1/2009 – 1/31/2011
 Mead Johnson Nutritionals
 Center for Excellence in Children's Nutrition
 The major goal of this study is to describe the influence of a 4-locus haplotype of the FADS1-FADS2 gene complex on the cognitive abilities of 6-month-olds as measured by event-related potentials.
- Carol L Cheatham, Ph.D. (PI) \$23,900 direct costs 11/1/2009 – 10/31/2010
 Nutrition Obesity Research Center
 The major goal of this project is to determine the influence of FADS2 rs174575 on breastmilk fatty acid levels and the recognition memory abilities of 6-month-old breastfed infants.
- Cynthia Bulik, Ph.D. (PI) \$20,000 direct costs 4/1/2009 – 3/30/2010
 Nutrition Research Institute Stimulus Grant
 The major goal of this project is to examine brain activity of women with binge eating disorder in response to trigger vs. non-trigger foods.
 Role: Co-Investigator
- Cynthia Bulik, Ph.D. (PI) \$1,042,557 direct costs 7/1/2007 – 6/30/2012
 National Institutes of Mental Health
 Post-doctoral training program for individuals seeking advance specific training in eating disorders.
 Role: Co-Investigator
- Carol L. Cheatham, Ph.D. (PI) \$3,333 direct costs 12/1/2008 – 11/30/2010
 University Research Council
 The major goal of this project is to compare formula-fed and breast-fed infants from 10 to 14 months on measures of declarative memory and rate of encoding.
- Susan E. Carlson, Ph.D. (PI) \$1,232,419 direct costs 01/01/2006-12/31/2010
 Mead Johnson Nutritionals (research grant)

The major goal of this project is to follow a cohort of children supplemented with DHA and ARA from 18 mo to 6 years of age to assess the development of executive function with age-appropriate tests.

Role: Co-Investigator

Carol L. Cheatham, M.A. (co-PI) 2/1/2004 – 1/31/2005

Institute of Child Development \$500 direct costs

Center for Neurobehavioral Development \$525 direct costs

The goal of this study was to follow-up a sample of 6-year-olds who were originally tested for memory at 20-months of age.

Carol L Cheatham, M.A. (co-PI) \$7,500 direct costs 1/01/2001–08/01/2004

Patricia J. Bauer, Ph.D. & Michael K. Georgieff, M.D. (co-PIs)

Infancy Core, Center for Neurobehavioral Development (GCRC)

University of Minnesota, Twin Cities, Minneapolis, MN

The goal of this study was to assess declarative memory and focused attention abilities in 12-month-old infants with preterm histories.

Role: Co-PI

UNFUNDED:

Carol L. Cheatham, Ph.D. (PI) \$1,973,624 direct costs under revision

National Institutes of Health (R01)

The proposed study is a randomized controlled trial to explore the effects of maternal FADS genotype on infant fatty acids and cognitive development.

Carol L Cheatham, Ph.D. (co-PI) \$2,482,168 direct costs under revision

National Institutes of Health (R01)

The proposed study is designed to explicate the relation between maternal polyunsaturated fatty acid provision and cognitive development in infants as mediated by maternal genetics.

Carol L. Cheatham, Ph.D. (co-PI) \$1,000,000 direct costs projected 11/1/2013 – 10/31/2015

Bill and Melinda Gates Foundation

The proposed clinical trial is designed to assess the effects of supplemental choline (maternal and individual) on the cognitive development of Africans.

Carol L. Cheatham, Ph.D. (co-PI) \$2,497,341 direct costs projected 4/1/2011 – 3/31/2016

National Institutes of Health (R01)

The proposed study is a randomized controlled trial to explore the effects of choline supplementation on pre- and postnatal development of cognition in the human.

Carol L Cheatham, Ph.D. (co-PI) \$624,350 direct costs projected 5/1/2010 – 4/30/2011

National Institutes of Health (ARRA)

The proposed study will test the effects of the PEMT haplotype and dietary choline on hippocampal function.

Carol L. Cheatham, Ph.D. (co-PI) \$111,000 direct costs projected 4/1/2012 – 3-31-2015

National Institutes of Health

The proposed study will assess fatty acids and children's memory.

Carol L. Cheatham, Ph.D. (PI) \$30,000 direct costs + material projected 5/1/2012 – 4/30/2013

California Table Grape Commission

The proposed study will assess the effects of grape consumption on the cognitive abilities of perimenopausal women.

Carol L Cheatham, Ph.D. (PI) \$60,000 direct costs projected 7/15/2012 – 7/14/2012

Brain and Behavior Research Foundation

The proposed study will assess the effect of blueberry consumption on depressive symptoms in older adults.

Carol L Cheatham, Ph.D. (PI) \$30,000 direct costs projected 7/1/2011 – 6/30/2013

International Life Sciences Institute

The proposed study would test the effects of alpha-linolenic acid supplementation on the declarative memory abilities of toddlers as moderated by the FADS1/FADS2 gene complex.

AD HOC REVIEW SERVICE

American Journal of Clinical Nutrition
 Applied Cognitive Psychology
 Biological Psychology
 Child Development
 Elsevier
 Intelligence
 International Journal of Electrophysiology
 Journal of the Academy of Nutrition & Dietetics
 Journal of Child Psychology & Psychiatry
 Journal of Cognitive Development
 Journal of Developmental & Behavioral Pediatrics
 Journal of Experimental Child Psychology
 Journal of Pediatrics
 Monographs of the Society for Research in Child Development
 Nutrition
 Nutrition Research
 Nutritional Neuroscience
 PLOS ONE
 Prostaglandins, Leukotrienes, & Essential Fatty Acids
 W.W. Norton & Company

SERVICE/ COMMITTEES

Service To Discipline

Health & Neurophysiology Review Panel,	
2011 SRCD Biennial Meeting (Alternate Chair)	2010
Review Committee, 2011 SRCD Biennial Meeting	2010
Panel Member, Burning Questions for the Professoriate, CDS	2009
Review Committee, SRCD Travel Grants, 2009	2009
Programming Committee, ISSFAL, 2008	2007-2008
Attention, Learning, & Memory Panel, ICIS, 2008	2007-2008
Software Tutor, Institute of Child Development	2000-2004
Scientific Advisory Committee, Center for Neurobehavioral Development	2001-2004
Participant Pool Committee, Institute of Child Development	2003-2004
Preschool Search Committee, Shirley G. Moore Nursery School	2000-2002
Technology Committee, Institute of Child Development	2001-2004

Service to UNC-Chapel Hill

Faculty Search Committee, NRI, UNC – CH	2015
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NRI Review Process Working Group (Chair)	2013-2014
Faculty Search Committee, Dept of Psychology, UNC - CH	2010-2012
Food Service Procurement Committee, NRI, UNC – CH (Chair)	2010, 2011
Accountability Proposal Committee, NRI, UNC – CH	2010

Service to Community

Member, Kannapolis Education Foundation Board of Directors	2011-2015
Member, Partnership for Children Board of Directors	2011-2015
Vice-Chair, City of Kannapolis Environmental Stewardship Commission	2010-2014
Member, RCCC Biotechnology Board of Advisors	2008-2012