

Jane Dickinson Carver, PhD, MS, MPH
Professor Emeritus
Department of Pediatrics
University of South Florida Morsani College of Medicine
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EDUCATION

- 1974 - 1976 Mount Holyoke College, South Hadley, MA
Liberal Arts
- 1976 - 1978 University of Vermont, Burlington, VT
Animal Sciences: BS
- 1979 - 1981 Florida State University, Tallahassee, FL
Nutrition: MS
- 1982 - 1985 University of South Florida
College of Public Health, Tampa, FL
Epidemiology and Biostatistics: MPH
- 1988 - 1992 University of South Florida
College of Public Health, Tampa, FL
Maternal & Child Health: PhD
Minor: Immunology

CERTIFICATES IN MEDICAL WRITING

- 2006 Medical Writing and Editing; The University of Chicago
Chicago, IL; Completed five 3-day courses
- 2007 Medical Writing; The American Medical Writers Association
Completed six 3-hour courses
- 2013 Short Course for Manuscript Editors; Council of Science Editors
Montreal, Quebec; Completed one 8-hour course

ACADEMIC APPOINTMENTS

- 1981 - 1985 Research Assistant, Department of Pediatrics
University of South Florida College of Medicine
- 1985 - 1990 Research Associate, Department of Pediatrics,
University of South Florida College of Medicine

- 1990 - 1992 Instructor, Department of Pediatrics
University of South Florida College of Medicine
- 1992 - 1996 Assistant Professor, Department of Pediatrics
Division of Neonatology
University of South Florida College of Medicine
- 1995 - 1996 Assistant Professor, Department of Community and Family Health
University of South Florida College of Public Health
- 1996 - 2002 Associate Professor
Department of Community and Family Health
University of South Florida College of Public Health
- 1995 - 1998 Professor, University of San Francisco de Quito,
Quito, Ecuador
- 1996 - 2010 Associate Professor
Department of Pediatrics, Division of Neonatology
University of South Florida College of Medicine
- 2010 - 2013 Director, Office of Scientific Communications
Clinical and Translational Sciences Institute
University of South Florida College of Medicine
- 2010 - 2016 Professor, Tenure of Title
Department of Pediatrics
University of South Florida College of Medicine
- 2014 - 2016 Professor
Department of Molecular Medicine, joint appointment
University of South Florida College of Medicine
- 2014 - 2016 Professor
Department of Internal Medicine, joint appointment
University of South Florida College of Medicine
- 2016 - present Adjunct Professor
Department of Molecular Medicine
University of South Florida College of Medicine
- 2016 - present Adjunct Professor
Department of Pediatrics
University of South Florida College of Medicine
- 2016 - Professor Emeritus

present University of South Florida College of Medicine

FACULTY DEVELOPMENT ACTIVITIES

2008 - Medical writer/editor
present USF Department of Pediatrics

2009 - Faculty Development Program*
present USF Department of Pediatrics

*I meet individually with faculty to review their CVs and to discuss the promotion process, and strategies and resources to help to achieve promotion. I also review and edit faculty promotion packets.

HONORS and AWARDS

Elected Memberships

1978 Alpha Zeta Agricultural Honor Society
1995 American Institute of Nutrition
1995 American Society for Clinical Nutrition
1996 Society for Pediatric Research
1996 Delta Omega Honorary Society in Public Health
2005 Sigma Xi Scientific Research Society
2013 American Pediatric Society

Other

2008 Dean's Academic Performance Award: Recognition for outstanding contribution to the missions of the College of Medicine

PROFESSIONAL MEMBERSHIPS

1992 American Society for Parenteral & Enteral Nutrition
2005 American Medical Writer's Association
2006 Council of Science Editors

ADMINISTRATIVE DUTIES

1992 - Coordinator, USF neonatology fellow research
2009

2008-2011 USF Pediatrics website development and management

1998 - Scientific reviewer for USF Pediatric applications to the USF and
2016 All Children's Hospital Institutional Review Boards

- 2007 - 2016 Coordinator, Pediatric Grand Rounds
University of South Florida Department of Pediatrics
- 2012 - 2018 Editor, Newsletter
University of South Florida Department of Pediatrics
- 2016 - present Coordinator, USF Pediatrics Scholarly Review Committee
- 2018 - present Manage scientific review for USF Pediatrics applications to the USF
Institutional Review Board

SCIENTIFIC WRITING MINI-COURSE

I present a one-day, six-hour course covering the following topics:

1. The Basics: Manuscript Preparation, Submission and Peer Review, Choosing the Appropriate Journal, Writing Productivity, Resources
2. Authorship, ICMJE Recommendations and Ethical Issues Related to Writing and Publishing
3. Writing in the Introduction, Methods, Results and Discussion Format
4. Effective Figures and Tables
5. Clear and Concise Word Usage and Sentence Structure
6. Posters and Slide Presentations

Courses given to date:

- USF Faculty and Trainees, 20-30 participants/class
 - Nov 19, 2014
 - Feb 5, 2015
 - Nov 10, 2015
 - Jan 27, 2016
 - Nov 7, 2017
 - April 4, 2018
 - November 7, 2018
 - November 14, 2018
 - April 8, 2019
 - April 10, 2019
 - Nov 4, 2019
 - Nov 8, 2019
 - April 16 – July 2, 2020 (virtual)
 - Jan 28 – Feb 18, 2021 (virtual)

- Other institutions:

- Miami Children's Hospital, Miami, Florida. Jan 9, 2015 (3/6 sections)
- National School of Public Health, Havana, Cuba. Feb 8-9, 2016 (2/6 sections)
- University of Texas, Rio Grande Valley. Jan 12, 2016 (6/6 sections)
- National School of Public Health, Havana, Cuba. Feb 14-15, 2017 (2/6 sections)
- Abbott Nutrition, Columbus, Ohio. May 2, 2017 (6/6 sections)
- Dana-Farber Cancer Institute, Boston, Massachusetts. Oct 12, 2017 (4/6 sections)

OTHER TEACHING

Scientific Writing, University of South Florida

- 2007 - present Scientific Communication: Provide seminars and workshops on scientific communication each year to USF faculty and trainees.
- 2009 Course Director; Scientific Writing and Ethics
BCH #6935. Master's level class; 68 students.
- 2011 - present Grant Writing and Scientific Communication,
BCH #6935. Required doctoral level class; 18-22 students/year.

1992 - Directed USF neonatology fellow research projects:

2011

- Georges Milord, M.D.: *Early detection of decreased CD8+ T lymphocytes in infants who develop BPD*, 1992-1994.
- Pablo Valencia, M.D.: *Dietary fatty acid effects upon response to excitotoxic brain injury in neonatal rat pups*, 1993-1995.
- Francisco Ojeda, M.D.: *Retinyl palmitate absorption in preterm infants*, 1993-1995.
- Jorge Rayon, M.D.: *Dietary fatty acid effects upon survival from Group B Streptococcal infection*, 1993 - 1996.
- Monisha Saste, M.D.: *Dietary fatty acid effects upon neurodevelopment in neonatal rat pups*, 1995 – 1998
- Laura Haubner, M.D.: *Dietary docosahexaenoic acid effects upon the auditory system of rat pups*, 1997 - 2000.
- Terri Ashmeade, M.D.: *Transcutaneous absorption of vitamin A in neonatal rat pups and very low birth weight preterm infants*. 1997 – 2000.
- Lourdes Pereda, M.D.: *Quantitative ultrasound analysis of neonatal bone status*. 2000 – 2003.
- Mayra Ladd, M.D.: *The effects of patent ductus arteriosus shunting on intestinal blood flow*. 2001 – 2004.
- Maggie Chen, M.D.: *Quantitative ultrasound measurements of bone strength in*

small-for-gestational age preterm infants. 2004 – 2007.

- Catherine Kotto-Kome, M.D.: *Mesenteric artery blood flow and indomethacin-mediated closure of patent ductus arteriosus.* 2005 – 2007.
- Marie Pierre, M.D.: *The epidemiology of gastroschisis in the State of Florida.* 2006 – 2009.
- Luis Munoz, M.D.: *The impact of human milk feeding on maturation of intestinal blood flow in very low birth weight infants.* 2007 – 2010
- Latha Kumar, M.D.: *Assessment of infant body composition using air displacement plethysmography.* 2008 – 2011.

Service on neonatology fellow scholarly oversight committees

- Rebecca Levine, MD: *The development of an algorithm for congenital heart disease in neonates.* 2011-
- Tina Ho, MD: *Fecal calprotectin as predictor of necrotizing enterocolitis in preterm infants.* 2011-

Thesis Directorships

Thesis Director for undergraduate honors program student at USF, 1998; Jennifer Permuth. Title: *A curricular development model dealing with the importance of folate during childbearing years with special emphasis on the Hispanic teenage population.*

Thesis Director for graduate students in Human Nutrition at the University of San Francisco de Quito, Quito Ecuador:

1995 - 1996: Mercedes Lopez. Thesis title: *Retinol levels in woman and infants of different socioeconomic levels in Ecuador.*

1995 - 1997: Marcos Maldonado. Thesis title: *Determinants of infant erythrocyte fatty acid composition in Ecuador.*

Other Teaching – University of South Florida

1992 - 2000 Child Nutrition section of College of Public Health Course #6523:
Policies and Practices in Maternal/ Child Nutrition.

2008, 2009 Colloquium II (BMS 6920721) for second year medical students. History of Pediatrics: *The History of Infant Feeding*

INVESTIGATOR-INITIATED RESEARCH: Principal Investigator

Effects of zinc supplementation upon zinc, vitamin A and polyunsaturated fatty acid status in children with cystic fibrosis. Ross Laboratories, \$2000; 1984.

Effects of dietary nucleotides upon immune function parameters and gut growth in weanling mice. Wyeth-Ayerst Research, \$10,000, 1986.

Flow cytometric analysis of blood from healthy infants. Becton-Dickinson Laboratories, \$3000; 1987.

Plasma carotenoid levels in premature infants. Wyeth-Ayerst Research, \$15,000, 1992-1993.

Plasma inositol levels in premature infants. Wyeth-Ayerst Research, \$4,500, 1992-1993.

Dietary nucleotide enhancement of immunity. Ross Laboratories, \$2500; 1993.

Dietary nucleotide enhancement of immunity. University of South Florida President's Council Award: \$2000; 1994.

Vitamin A absorption in premature infants. University of South Florida Research and Creative Scholarship Grant Program; \$5,800, 1995.

Retinol metabolism in adults, term and preterm infants. Wyeth-Ayerst Research; \$23,363, 1993-1995.

Determinants of infant erythrocyte fatty acid composition. Ross Laboratories, \$18,000; 1995-1997.

Dietary fatty acid effects upon neonatal rat pups: neurodevelopmental, immune and pulmonary effects. Ross Laboratories, \$250,000; 1995-2001.

The effect of nucleotide supplemented infant formula upon intestinal blood flow in preterm infants. Ross Laboratories, \$45,000; 1997-2000.

Dietary nucleotide effects upon intestinal intraepithelial lymphocytes. Wyeth Research, \$19,188; 1997-1999.

Equipment grant for purchase of Apogee Ultrasound unit. University of South Florida, \$11,000, 1999.

Acute and chronic effects of nucleotide supplemented infant formula upon intestinal blood flow in term infants. Ross Laboratories, \$39,000; 1999.

University of South Florida Research Council: *Faculty International Travel Grant to attend the 49th Harden Conference: Functional Aspects of Energy Metabolism in Brain.* Oxford, England. \$1,500, August 1999.

INVESTIGATOR-INITIATED RESEARCH: Principal Grant Writer & Co-Investigator

The effects of umbilical artery catheters on intestinal blood flow responses to feedings in preterm infants. PI: Thomas Havranek, M.D. University of South Florida Internal Awards Program; \$8500, 2004-2005.

Feeding very low birth weight infants with umbilical artery catheters. PI: Thomas Havranek, M.D. All Children's Hospital/USF Pediatric Clinical Research Center; \$20,000, 2005- 2006.

The identification of factors that impact the maturation of intestinal blood flow in very low birth weight infants. PI: Thomas Havranek, M.D. All Children's Hospital/USF Pediatric Clinical Research Center, \$59,589. 2006.

Validation of QUS as a measure of bone mineralization in preterm infants. PI: Terri Ashmeade, M.D. University of South Florida Internal Awards Program: \$4,972, 2007.

PHARMACEUTICAL STUDIES: Principal Investigator

Transcutaneous administration of vitamin A in extremely premature infants. University of South Florida Research and Creative Scholarship Grant Program; 2000.

Dietary nucleotide supplementation of healthy, term infants; effects upon immune function parameters and growth.
Wyeth-Ayerst Clinical Research Protocol; 1987-1989.

Effects of Super Preemie SMA with nucleotides upon immune function parameters and blood fatty acids in premature infants. Wyeth-Ayerst Research Clinical Research Protocol; 1990-1993.

The effect of Isomil with alternate carbohydrate content on tolerance in healthy, term infants. Ross Laboratories Clinical Research Protocol CP-AE73; 1993-1994.

The effect of an experimental formula with alternate carbohydrate content on tolerance in healthy, term infants. Ross Laboratories Clinical Research Protocol CP-AF99; 1993-1994.

Growth of low birth weight infants after discharge fed NeoCare or Similac to 9 months of age. Ross Laboratories Clinical Research Protocol CP-AF51A; 1993-1996.

Growth of premature infants fed Similac Special Care (SSC) and/or Reformulated SSC in hospital and fed an experimental formula or Similac with iron after discharge up to 12 months of age. Ross Laboratories Clinical Research Protocol CP-AG03; 1994-1996.

The effect of processing parameters on tolerance to cow's milk based formulas. Ross Laboratories Clinical Research Protocol CP-AG78; 1995.

Growth and tolerance of soy formulas with alternate proteins in healthy term infants.
Ross Laboratories Clinical Research Protocol CP-AG44F; 1995-1996.

Growth of healthy term infants fed cow's milk formulas with variable protein sources.
Ross Laboratories Clinical Research Protocol CP-AG16; 1996.

Effect of processing parameters on tolerance to cow milk-based formulas.
Ross Laboratories Clinical Research Protocol CP-AH06; 1996-1997.

The effect of container on the tolerance to cow milk-based infant formulas.
Ross Laboratories Clinical Research Protocol CP-AH92; 1997.

Tolerance to milk based powdered infant formulas.
Ross Laboratories Clinical Research Protocol CP-AJ28; 1998-1999.

A clinical study evaluating growth of term infants fed an experimental formula or a standard infant formula. Ross Laboratories Clinical Research Protocol CP-AJ68; 1999-2000.

Tolerance of a nutrient enriched formula fed to premature infants.
Ross Laboratories Clinical Research Protocol CP-AJ55; 1999-2001.

A clinical study evaluating tolerance in term infants to an experimental infant formula in ready-to-feed and powder forms. Ross Laboratories Clinical Research Protocol CP-AJ82; 2000-2001.

Growth of normal term infants fed a whey-hydrolysate formula. Ross Laboratories Clinical Research Protocol CP-AJ87; 2001.

Tolerance of a nutrient-enriched post-discharge formula for preterm infants.
Ross Laboratories Clinical Research Protocol CP-AJ97; 2002.

Small cohort comparative study of a family of tolerance-related infant formulas.
Ross Laboratories Clinical Research Protocol CP-AK01; 2002.

Tolerance of a nutrient enriched formula for preterm infants. Ross Laboratories Clinical Research Protocol CP-AJ97; 2001-2002.

Small cohort comparative study of a family of tolerance-related infant formula.
Ross Laboratories Clinical Research Protocol CP-AK01; 2002-2003.

Randomized, controlled, multicenter, parallel study to assess the benefits of an infant formula on relieving colicky symptoms. Ross Laboratories Clinical Research Protocol CP-AJ98, 2003.

Tolerance of young infants fed hydrolysate formula. Ross Laboratories Clinical

Research Protocol CP-AK09, 2003-2004.

Effect of non-digestible carbohydrate on the fecal flora of term infants.
Ross Laboratories Clinical Research Protocol CP-AK16, 2004-2005.

INVITED LECTURES (1995 to present)

Annual Congress of the European Society of Pediatric Allergy and Clinical Immunology.
Symposium: The Role of Nutrients in Modulating Immune Function. *The effect of nucleotides on immune function.* Rome, Italy, November, 1995.

Ecuadorean Society of Public Health, Third Congress: *Malnutrition and infant development.* Quito, Ecuador, November, 1995.

Symposium: Nutritional Requirements During Infancy: *The antioxidative role of carotenoids and vitamins E and C.* Taipei, Taiwan, March 1996.

Symposium: *Latest developments in nucleotides,* Singapore, March 1996.

Pacific-Asia-Africa Pediatric Nutrition Symposium: *The role of dietary nucleotides in infant nutrition.* Taipei, Taiwan, August 1996.

Philippine Pediatric Society 3rd National Biennial Mid-Year Convention:
Advances in pediatric nutrition. Tagaytay, Philippines, November 1996

Importance of Nucleotides in Infant Nutrition: New Perspectives: *The effect of dietary nucleotides upon immune function.* Guadalajara, Monterrey and Mexico City, Mexico; February 1997

Annual Meeting of the American Gastroenterological Association. Clinical Symposium:
Bioactive Nutrients in Enteral Nutritionals: *Nucleotides.* Washington, D.C., May 1997

Pediatric Nutrition Symposium: *"The role of dietary nucleotides in infant nutrition."* Eilat, Israel, September, 1997

National Institute of Child Health and Human Development Workshop: Nutrition of the Extremely Low Birth Weight Infant. *Conditionally essential nutrients.* Bethesda, MD, September 11-12, 1997.

Advances in Pediatric Nutritionals: *The role of dietary nucleotides in infant nutrition.* Amsterdam, The Netherlands, November 1997.

Institute of Child Health: *The role of dietary nucleotides in infant nutrition.* Great Ormond Street Hospital, London, England, November 1997.

Advances in Infant Feeding of Human Milk and Formula: *Dietary nucleotides: effects on the immune and gastrointestinal systems*. Baveno, Italy, March 1998.

Nutrition Symposia: *The importance of postdischarge nutrition upon outcomes of low birth weight babies and Nucleotides and immunity: New perspectives*. Singapore, April 1998.

Annual Meeting of the Hungarian Pediatric Society. *The role of dietary nucleotides in infant nutrition*. Szeged, Hungary, June 1998.

Nutrition Symposia: *The role of dietary nucleotides in infant nutrition*. Guangzhou, Shanghai and Beijing, China. July, 1998.

47th Thai Congress of Pediatric Nutrition; Congress Symposium: *The immune system in human milk*, Bangkok. Satellite Symposium: *The role of dietary nucleotides in infant nutrition*, Chiang Mai, October, 1998.

Abbott Nutrition Symposia. *The role of dietary nucleotides in infant nutrition*. San Fernando and Port of Spain, Trinidad. November, 1998.

Nutrition Symposia: *Improving the immunological response of infants with nutrition*. Montego Bay and Kingston, Jamaica, March, 1999.

Caribbean Pediatric Nutrition Symposia: *The role of dietary nucleotides in infant nutrition; Nutritional needs of preterm infants after hospital discharge; The immune system of human milk*. Montego Bay, Jamaica, June, 1999.

Wyeth Nutrition Symposia: *The role of dietary nucleotides in infant nutrition*. Amman, Jordan and Ramallah, West Bank, November, 1999.

Annual Congress of the Malaysian Perinatal Society: *Optimum nutrition for intra-uterine growth retarded infants; Immunonutrition in infant feeding; Fetal and neonatal implications of maternal anemia*, Kuala Lumpur, Malaysia.
Satellite Conference: *The role of dietary nucleotides in infant nutrition*. Penang, Malaysia, February 2000.

16th Annual Women & Children's Conference: *Research on infant nutrition*. Melbourne, Florida, September 2000.

International Symposium on Innovations in Infant Formulas: *Innovations in infant formulas*. Cancun, Mexico, May, 2002.

Ninth Annual Sodilac Infant Nutrition Meeting; Biological Activity of Human milk: *Update on dietary nucleotides*. Paris, France, December 2002.

Current Topics in Neonatal/Infant Nutrition IV: Evidence-Based Nutrition

Supplementation. *Dietary nucleotides: Overview and gastrointestinal effects.* Children's Nutrition Research Center, Houston, Texas, January 14-15, 2003.

Mead Johnson Nurses' Conference: *The immunologic system in human milk and Postdischarge nutrition for preterm infants.* All Children's Hospital, St. Petersburg, FL, November, 2003.

The Best of Hot Topics in Neonatology – Satellite Symposium: *The role of dietary nucleotides in infant nutrition and Post-discharge nutrition for preterm infants.* Shanghai, China, March 2004.

Webcast presentation: *Post-discharge nutrition for preterm infants.* Toronto Sick Children's Hospital, April, 2004.

Second Annual Neonatal Nutrition Conference: *Post-discharge nutrition for preterm infants.* Albany Medical College, Albany, NY, September, 2004.

Wyeth Middle East Infant Nutrition Lecture Series: *Update on infant nutrition.* Colombo, Sri Lanka and Abu Dhabi, UAE, March, 2005.

Pediatric Academic Societies Annual Meeting - PAS Mini-Course "Update in Neonatal/Pediatric Nutrition Support:": *Recent advances in neonatal formulas.* Washington DC, May 14, 2005.

University of South Florida College of Medicine, Department of Pediatrics; Grand Rounds Lecture: *Postdischarge nutrition for preterm infants.* Tampa, FL, June 2, 2005.

Wyeth International Lecture Series: *The role of biofactors in infant nutrition and Alpha-lactalbumin in infant nutrition.* Kuala Lumpur, Malaysia and Singapore, June 2005.

Third Annual Neonatal Nutrition Conference: *Advances in neonatal formulas.* Albany Medical College, Albany, NY, September 2005.

Wyeth Nutritionals Lecture Series: *Improving infant formula protein.* Kuwait City, Kuwait; Abu Dhabi and Dubai, UAE; Muscat, Oman. September 2005.

Case School of Medicine and MetroHealth Medical Center Neonatology, Physiology and Pathology Conference: *The role of dietary nucleotides in infant nutrition.* Cleveland, Ohio, February 2006.

International Seminar on Formulation and Technology of Infant Formula: *Latest trends and developments in infant nutrition.* Keynote speaker, Beijing, China, March, 2006.

People's Republic of China. Seminar on Nutritional Requirements of Preterm Infants: *Nutrition for preterm low birth weight infants: Standard of care in the U.S.* Beijing, China, April 2006.

6th Academic Meeting of Maternal and Child Nutrition, National Institute of Maternal and Child Nutrition, PRC: *Nutrition for preterm low birth weight infants*. Shanghai, China, November 2006

Yearly Congress of China Nutrition Association, Women and Children's Branch: *Innovations in Infant Nutrition*. Guangzhou, China. November, 2006.

All Children's Hospital Research Seminar: *Writing for Publication*. St. Petersburg, Florida, January, 2007.

Paediatric Association of Jamaica Nutrition Summit: *The role of long chain polyunsaturated fatty acids and nucleotides in infant nutrition*. Montego Bay, Jamaica. April, 2007.

USF Pediatrics Grand Rounds Lecture: *Writing for publication*. Tampa, FL. May 2007.

Nutrition and Immunity Forum: *The immune system of human milk*. Cairo, Egypt. June, 2007.

Pediatric Club of Alexandria: *Advances in infant nutrition*. Alexandria, Egypt. June, 2007.

Joint meeting of the Hong Kong Society of Neonatal Medicine and the Hong Kong Paediatric Nurses Association: *The immune system in human milk*. Hong Kong, PRC, May 2008.

Early Life Nutrition and Long-Term Outcomes Symposium: *Postdischarge nutrition for preterm infants and Writing for Publication*. Bangkok, Thailand, November, 2008.

Academic Forum: *Nutrition for preterm infants after hospital discharge*. Shanghai, Guangzhou, Chengdu and Beijing, China, April 2009.

Seventeenth Annual Turkish Neonatology Congress: *Advances in nutritional modifications of infant formulas and Writing for publication*. Cesme, Turkey, April 2009.

Abbott Nutrition Experts Meeting: *The effects of specific nutrients on immune function*. Columbus, OH, May 2009.

St. Joseph's Hospital Neonatal Section Meeting: *Postdischarge nutrition for preterm infants*. Tampa, FL, March 2010.

Vanderbilt University 7th Annual Neonatal Care Update Program: *The history of infant feeding*. Nashville, TN, May 2010.

Africa-Middle East Expert Forum. *Postdischarge nutrition for preterm infants and The*

immune system in human milk. Cairo, Egypt, May 2010.

Expert Panel on Lutein and DHA. *The role of DHA in cognitive development.* New York City, NY, January, 2011

Lehigh Valley Health Network, *How to enhance your success as a published author.* Allentown, PA, October, 2011.

University of Kansas Medical Center, School of Health Professions. Presented 4 lectures from my scientific communication seminar series. Kansas City, MO, April, 2012.

Abbott Caribbean Speaking Tour, *Advances in infant nutrition.* Port of Spain, Trinidad and Kingston, Jamaica, May 2012.

USF Pediatrics Grand Rounds: *Enhance your success as a published author.* Tampa, FL, January 2014.

USF Department of Urology: *Enhance your success as a published author.* Tampa, FL, March, 2014

USF Neurology Grand Rounds: *Enhance your success as a published author.* Tampa, FL, March, 2014

USF Internal Medicine Grand Rounds: *Enhance your success as a published author.* Tampa, FL, April, 2014

USF OB/GYN Grand Rounds: *Enhance your success as a published author.* Tampa, FL, November, 2014

Miami Children's Hospital Grand Rounds: *Enhance your success as a published author.* Miami FL, January 2015

USF Health Faculty Development REACH: *Strategies and resources to improve your publication success,* Tampa, FL, December 2020.

AD HOC JOURNAL REFEREE

Acta Paediatrica
American Journal of Clinical Nutrition
American Journal of Medical Sciences
Annals of Nutrition and Metabolism
Biology of the Neonate
Developmental Neuroscience

Digestive Diseases and Sciences
European Journal of Clinical Nutrition
International Journal of Immunopharmacology
Journal of the American College of Nutrition
Journal of Lipid Research
Journal of Neurochemistry
Journal of Nutritional Biochemistry
Journal of Pediatrics
Journal of Pediatric Gastroenterology and Nutrition
Journal of Perinatology
Lipids
Neurotoxicology and Teratology
Nutrition
Pediatrics
Pediatric Research

EDITORIAL BOARD SERVICE

2012 - present: Associate Editor of Advances in Pediatrics, Elsevier, Philadelphia, PA

2019 - present: Senior Staff Editor of IMpact, An Intramural Review to Support Research and Scientific Publication at USF Health.

ABSTRACT GRADER

The 2008 Joint Meeting of the Pediatric Academic Societies and Asian Society for Pediatric Research, Honolulu, Hawaii, May 2008. Neonatal, Fetal Nutrition & Metabolism category

University of South Florida Research Day, 2009, 2010, 2013, 2014

BOOK CHAPTERS, REVIEW ARTICLES and INVITED ARTICLES

1. **Carver** JD, Walker WA. *The role of nucleotides in human nutrition*. J Nutr Biochem, 6:58-72, 1995.
2. **Carver** JD, Barness LA. *Trophic factors for the gastrointestinal tract.* In: Neu J, ed., Clinics in Perinatology, W.B. Saunders Co., Philadelphia, PA, Vol 23, 265 - 285, 1996.
3. **Carver** JD. *Nucleotides in human milk*. In: Lentz MJ ed. Bioactive factors in milk, Nestec Ltd., Vevey Switzerland, Vol 54, 88-97, 1996.
4. **Carver** JD. *Nutrition for preterm infants after hospital discharge*. In: Advances in Pediatrics, Mosby Inc., Philadelphia, PA, Vol. 52,23-47, 2005.

5. **Carver JD.** *Conditionally essential nutrients.* In: Hay W, and P Thureen, eds. Neonatal Nutrition & Metabolism, Cambridge University Press, Cambridge, England, Second edition, 299-311, 2006.
6. Ranells J, **Carver JD**, Kirby R. *Infantile hypertrophic pyloric stenosis: epidemiology, genetics, and clinical update.* Advances in Pediatrics, 58: 195-206, 2011.
7. Burton T, Saini S, Maldonado L, **Carver JD.** *Parental refusals for treatments, procedures and vaccines in the newborn nursery.* In: Berkowitz et al, eds. Advances in Pediatrics, Elsevier, New York City, NY. Vol 65, Issue 1, 89-104, 2018.

OTHER PUBLICATIONS

- **Carver JD.** Write With Impact. An Intramural Review to Support Research and Scientific Publication. <https://health.usf.edu/medicine/internalmedicine/im-impact/newsletter-archive>
 - *Publication Planning*, Issue 1, September, 2018.
 - *Writing in the Introduction, Methods, Results and Discussion Format: The Introduction.* Issue 2, November, 2018.
 - *Writing in the Introduction, Methods, Results and Discussion Format: The Methods.* Issue 3, January, 2019.
 - *Writing in the Introduction, Methods, Results and Discussion Format: The Results.* Issue 4, April, 2019.
 - *Writing in the Introduction, Methods, Results and Discussion Format: The Discussion.* Issue 5, August, 2019
 - *Writing in the Introduction, Methods, Results and Discussion Format: The Abstract.* Issue 6, November, 2019
 - *Writing Scientific Papers: The Title.* Issue 7, February, 2020.
 - *Preprints and the Pandemic.* Issue 8, June 2020.
 - *Choosing the Right Journal.* Issue 9, September, 2020

PEER-REVIEWED ARTICLES

1. **Putnam (Carver) JC**, Carlson SE, Barness LA. *The effect of variations in dietary fatty acids on the fatty acid composition of erythrocyte phosphatidylcholine and phosphatidylethanolamine in human infants.* Am J Clin Nutr 36:106-114, 1982.
2. Carlson SE, **Carver JD**, House SG. *High fat diets varying in polyunsaturated to saturated and linoleic to linolenic acid ratios: a comparison of rat neural and red cell membrane phospholipids.* J Nutr 116:718-725, 1986.

3. **Carver** JD, Cox WI, Barness LA. *Dietary nucleotide effects upon murine natural killer cell activity and macrophage activation.* J Parent Ent Nutr 14:18-22, 1990.
4. **Carver** JD, Pimentel B, Wiener DA, Lowell NE, Barness LA. *Infant feeding effects on flow cytometric analysis of blood.* J Clin Lab Anal 5:54-56, 1991.
5. Barness LA, **Carver** JD. *Nucleotides and immune function.* Sem Pediatr Gastr Nutr 2(1):11-13, 1991.
6. **Carver** JD, Pimentel B, Cox WI, Barness LA. *Dietary nucleotide effects in formula-fed infants.* Pediatrics 88:359-363, 1991.
7. Barness, LA, **Carver** JD. *Dietary nucleotides with relation to immune response.* Intl Pediatrics 7(1):57-60, 1992.
8. Novak D, Ray W, **Carver** JD, Grossman S. *Developmental changes in hepatic basolateral membrane lipid composition and fluidity.* Biochim Biophys Acta 1111:59-64, 1992.
9. Gilbert-Barness E, Kenison K, **Carver** JD. *Fetal hemoglobin and sudden infant death syndrome.* Arch Pathol Lab Med 117:177-179, 1993.
10. **Carver** JD, McDermott RJ, Jacobson HN, Sherin KM, Kanarek K, Pimentel B, Tan LH. *Infant mortality statistics do not adequately reflect the impact of short gestation.* Pediatrics 92:229-232, 1993.
11. **Carver** JD. *Dietary nucleotides: Cellular immune, intestinal and hepatic system effects.* J Nutrition, 124:144S-148S, 1994.
12. Novak DA, **Carver** JD, Barness LA. *Dietary nucleotides affect hepatic growth and morphology in weanling mice.* J Parent Enter Nutr, 18:62-66, 1994.
13. Stromquist CI, **Carver** JD, Papenhausen PR, Atwood CL, Spiers AS, Day N, Barness LA. *Infant immune parameters after in utero exposure to anti-neoplastic agents.* J Maternal-Fetal Med 3:286-288, 1994.
14. Novak D, **Carver** JD, Ananthanarayanan M, Ray W. *Diet affects hepatic membrane composition, fluidity and taurocholate transport in suckling rats.* Am J Physiol 267(2 Pt 1):6301-6307, 1994.
15. Malone JI, Lowitt S, Salem AF, Miranda C, Korthals JK, **Carver** JD. *The effects of acetyl-L-carnitine and sorbinil upon peripheral nerve structure, chemistry and function in experimental diabetes.* Metab: Clin & Exp 45:902-907, 1996.

16. **Carver** JD, Barness LA. *Trophic factors for the gastrointestinal tract.* Infant Nutr Dig 2:8-9, 1997.
17. Rayon JI, **Carver** JD, Wyble LE, Wiener D, Dickey SS, Benford VJ, Chen LT, Lim DV. *The fatty acid composition of maternal diet affects lung PGE₂ levels and survival from group B streptococcal sepsis in neonatal rat pups.* J Nutrition 127:1989-1991, 1997.
18. **Carver** JD, Stromquist CI, Benford VJ, Atwood ML, Minervini G, Benford SA, Barness LA. *Postnatal inositol levels in preterm infants.* J Perinatol 17(5):389-92, 1997.
19. Valencia P, **Carver** JD, Wyble LE, Benford VJ, Gilbert-Barness E, Phelps C. *The fatty acid composition of maternal diet affects the response to excitotoxic neural injury in neonatal rat pups.* Brain Res Bull 45:637-640, 1998.
20. Saste M, **Carver** JD, Stockard JE, Benford VJ, Chen L, Phelps CP. *The fatty acid composition of maternal diet affects neurodevelopment in rat pups.* J Nutrition 128:740-743, 1998.
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ABSTRACTS

84 published abstracts; 78 presented at national and international meetings

SERVICE

Regional Committees

1987 - 1991 Southeast Regional Medical Nutrition Education Network

State Committees

1997 Infant Formula Advisory Committee, Florida Department of Health

University Committees

1994 Search Committee for Dean, USF College of Public Health

1997 - 2006 USF Institutional Review Board for the Protection of Human Subjects
Vice-chair of Medical 01-A Board, 2003-2006

College of Medicine Committees

1994 - 1998 USF College of Medicine Academic Computing Committee

1995 - 1998 USF College of Medicine Nutrition in Medicine Interest Group
Co-Chairperson

1997 - 1998 USF College of Medicine Self Study Committee for the Liaison Committee
on Medical Education

1997 - 1999 USF College of Medicine Committee on Research

2006 USF College of Medicine Search Committee for Associate Dean for
Clinical Research

2008 - 2010 USF College of Medicine Appointment, Promotion and Tenure Committee

2021 - Morsani College of Medicine Promotion and Tenure Revision Committee

Department of Pediatrics Committees

2000 - 2001 Promotion and Tenure Committee

2017-
present Scholarly Review Committee

2018- present Faculty Development Committee

All Children's Hospital Committees

2001 - 2003 Institutional Review Board for the Protection of Human Subjects

2001- 2002 Scientific Review Committee

Community Service

2000 - 2010 Gulfcoast Community Services, St. Petersburg, FL
Served as mentor to children in foster care

2007 - present Thousand Islands Land Trust, Clayton, NY
Board of Directors

2020 - present Martha's Vineyard Language & Literacy Project, Edgartown, MA
Member of Advisory Board

2020 - present Johann Fust Library Foundation, Boca Grande, FL
Volunteer, Docent Program

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