

Name: Sarah Newell Taylor

Office Address: MUSC Children's Hospital
65 Ashley Avenue
MSC 917
Charleston, SC 29425

Education

Institution/Location	Year	Degree/Date	Field of Study
Wake Forest University/Winston-Salem, NC	1991-1995	B.S. May/1995	Biology
University of Miami School of Medicine/Miami, FL	1995-1999	M.D. May/1999	Medicine

Residencies or Post Doctoral: (Place) (Dates Mo/Yr)

Residency in Pediatrics, Medical University of South Carolina, Charleston, SC 7/1999 to 6/2002

Fellowship in Neonatology, Medical University of South Carolina, Charleston, SC 7/2002 to 6/2005

Specialty/Board Certification:

General Pediatrics/American Board of Pediatrics Date: 2002-2009
Neonatal-Perinatal Medicine/American Board of Pediatrics Date: 2005-2012

Faculty Appointments (Begin with initial appointment):

Years	Rank	Institution	Department
2005-present	Assistant Professor	Medical University of South Carolina	Pediatrics

Hospital Appointments/Privileges:

Years	Active/Inactive	Institution
2005- present	Active	Medical University of South Carolina
2006- present	Active (consultant)	East Cooper Medical Center

Membership in professional/scientific societies (include offices held):

National Societies

American Public Health Association	2007-present
American Academy of Pediatric, Perinatal Section	2006-present
American Academy of Pediatric, Fellow	2006-present
American Academy of Pediatric, Candidate Fellow	2001-present
Academy of Breastfeeding Medicine	2006-present

Local Societies

South Carolina Perinatal Association	2008-present
South Carolina Medical Association	1999-present

Editorial Positions: none

Extramural Grants/award amount (current and past):

As Principal Investigator (% time)
NIH K23 Mentored Patient-Oriented Research Career Development Award
1K23RR021891-01 Identifying Vit D Deficiency and Effects in VLBW Infants
PI: Sarah N. Taylor, M.D. 7/1/2007-6/30/2012
75% time \$620,235

Intramural Grants/amount of award:

University Research Committee, Medical University of South Carolina
Identifying Vitamin D Deficiency in Very Low Birth Weight Infants
S.N. Taylor (PI) 11/15/04- 11/14/05
\$2,000

Awards, Honors, Membership in Honorary Societies:

Society for Pediatric Research Young Investigator Travel Award for the Research Conference in the Woodlands, Texas 2007
American Society of Bone and Mineral Research Young Investigator Award 2006
National Institute of Health Loan Repayment Award 2005-2007
Medical University of South Carolina Department of Pediatrics Mitchell I Rubin Research Award 2005
University Research Council Award, Medical University of South Carolina 2004
AAP Section on Perinatal Pediatrics Travel Award for the AAP National Convention in San Francisco, California 2004
Mayo Clinic Undergraduate Research Fellowship 1993
Wake Forest University Carswell Scholar 1991-1995
Wake Forest University Caldwell Scholar 1991-1995
Wake Forest University Committee on Academic Affairs dean-appointed student member 1994-1995

Academic Committee Activities (past 5 years):

University: CTSA Regulatory Knowledge & Support and Clinical Research Ethics work group 2006
College
Department
Division: MUSC Neonatology Vermont-Oxford Network
MUSC Multidisciplinary Infant Feeding Team
MUSC High-Risk Lcation Team

CURRICULUM VITAE FORMAT (Continued)**Appendix 6****Major Teaching Responsibilities (Current): none**

Undergraduate Medical Education
Graduate Medical Education
Graduate Studies Education
Continuing Medical Education

Major Clinical Interests and Responsibilities: Preterm infant vitamin D and nutrition research and quality improvement

Lectures and Presentations during the last 3 years – Identify the name and location of the meeting/conference. List presentations under the following headings:

Invited lectures and presentations

Invited Lectures:

Infant Mixology: Risks and Benefits of Nutritional Manipulation.
Neonatal Pharmacology Conference
Charleston, South Carolina
November 6, 2007

Persistent Pulmonary Hypertension of the Newborn or When a Baby Stays Purple
Department of Pediatrics Noon Conference Series
Medical University of South Carolina
Charleston, South Carolina
June 26, 2007

Bronchopulmonary Dysplasia
Department of Pediatrics Noon Conference Series
Medical University of South Carolina
Charleston, South Carolina
May 4, 2006

Not Just a Vitamin- Vitamin D and Its Many Functions
Carol Wagner and **Sarah Taylor**
2006 Pediatric Academic Societies Annual Meeting
San Francisco, California
April 29, 2006

Osteopenia of Prematurity
Neonatal Pharmacology Conference
Charleston, South Carolina
November 15, 2005

Calcium and Phosphorus Homeostasis
Neonatal Physiology Course- Web-based program
Neonatal Nurse Practitioner Training Program
Medical University of South Carolina School of Nursing
Fall 2004

Bone Physiology
Neonatal Physiology Course- Web-based program
Neonatal Nurse Practitioner Training Program
Medical University of South Carolina School of Nursing
Fall 2004

Vitamin D Deficiency in Neonates
Medical University of South Carolina Neonatal Dietician Course
July 22, 2004

Down Syndrome
Department of Obstetrics and Gynecology Fetal Board
Medical University of South Carolina
March 16, 2004

Line Management: Papaverine, 2% Nitroglycerin Ointment, and Sodium Citrate.
Neonatal Pharmacology Conference
Charleston, South Carolina
November 11, 2004

The Neonatal Kidney
Department of Pediatrics Noon Conference Series
Medical University of South Carolina
Charleston, South Carolina
December 4, 2003

A Resident's Survival Guide for the NICU
Department of Pediatrics Noon Conference Series
Medical University of South Carolina
Charleston, South Carolina
May 6, 2003

Submitted presentations (e.g., abstract or paper presentations)

Oral Platform:

Vitamin D Requirements in Pregnancy/Lactation.

Taylor SN, Hollis BW, Wagner CL

Presented at the American Public Health Association Annual Meeting

Washington, D.C.

November 5, 2007

Does vitamin D insufficiency correlate with bone mineralization in neonates?

Taylor SN, Wagner CL, Hulsey TC, Ebeling M, Hollis BW.

Presented at the American Academy of Pediatrics Annual Meeting Perinatal
Section

Atlanta, Georgia

October 7, 2006

Presenter: Sarah Taylor

What is the frequency of hypophosphatemia in extremely low birth weight
neonates?

Taylor SN, Hulsey TC, Ebeling M, Purohit D.

Presented at the American Academy of Pediatrics Annual Meeting Perinatal
Section

San Francisco, California

October , 2004

Presenter: Sarah Taylor

Identifying the neonatal patients who require inhaled nitric oxide or
extracorporeal membrane oxygenation

Taylor SN, Cahill JC, Wagner CL, Hulsey TC, Katikaneni LP

Presented at the 27th Southeastern Conference on Perinatal Research

Key Largo, Florida

February 19, 2003

Presenter: Sarah Taylor

Poster:

Taylor SN, Hulsey TC, Ebeling M, Wagner CL. Effect of preterm feeding guidelines on
incidence and severity of necrotizing enterocolitis.

Interplays Between Early Nutrition, GI Microbial Ecology, the Immune System and
Subsequent Health? Research Conference

Society of Pediatric Research

The Woodlands, Texas

October 17, 2007

Taylor S, Annibale D, Lazarchick J, Fontaine M. Recombinant factor VIIa
corrects coagulopathy in a neonate with necrotizing enterocolitis and Tk

cryptantigen activation.
American Association of Blood Banks' Convention
San Diego, California
November 1, 2003

Extramural Professional Activities:

Community Service: March of Dimes Walk, Drayton Hall Elementary School Volunteer

Publications: Number and list in chronological order publications under the following headings in the order shown.

Peer Reviewed Journal Articles: Published or accepted for publication in final form

1) Fontaine M, Lazarchick J, **Taylor SN**, Annibale DJ. Use of recombinant factor VIIa in infants with severe coagulopathy. *Journal of Perinatology* 2004; 24(5):310-1.

2) Basile LA, **Taylor SN**, Wagner CL, Horst RL, Hollis BW. The effect of high-dose vitamin D supplementation on serum vitamin D levels and milk calcium concentration in lactating women and their infants. *Breastfeeding Medicine* 2006;1(1): 27-35.

3) **Taylor SN**, Wagner CL, Fanning D, Quinones L, Hollis BW. Vitamin D status as related to race and feeding type in preterm infants. *Breastfeeding Medicine* 2006; 1(3):156-63.

5) Basile LA, **Taylor SN**, Wagner CL, Quinones L, Hollis BW. Neonatal vitamin D status at birth at Latitude 32°: Evidence of deficiency. *Journal of Perinatology* 2007; 27(9):568-71.

Non- Peer Reviewed: Published non-peer reviewed journal articles

1) **Taylor SN**, Wagner CL, Hollis BW. Vitamin D- benefits for bone health and beyond. *Contemporary Pediatrics* November 2006.

2) **Taylor SN**, Wagner CL, Hollis BW. Vitamin D supplementation during lactation to support infant and mother. *Journal of the American College of Nutrition* 2008; In press.

3) Wagner CL, **Taylor SN**, Johnson D. Host factors in amniotic fluid and breast milk that contribute to gut maturation. *Clinical Review of Allergy and Immunology* 2008;34(2):191-204.

Scholarly Books and Monographs: none

Chapters in Scholarly Books and Monographs:

Taylor SN, Wagner CL, Hollis BW. Vitamin D Requirements during Pregnancy and Lactation. In: Vitamin D: Physiology, Molecular Biology, and Clinical Applications. Totowa, NJ:The Humana Press Inc. In press.

Peer Reviewed Electronic Publications: none

Non-Peer Reviewed Electronic Publications: none

Other Publications: (e.g., newspapers and magazines) none

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