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**Wesley Burks, MD**  
*Dean, UNC School of Medicine; Chief Executive Officer, UNC Health Care; Vice Chancellor for Medical Affairs, University of North Carolina at Chapel Hill; The Edward C. Curnen Distinguished Professor of Pediatrics*

**Specialties:** Allergy and Immunology, Pediatric Allergy and Immunology  
**Subspecialties:** Allergy and Immunology - Allergy, Allergy and Immunology - Asthma

**Procedures and Research:** Asthma, allergic rhinitis, atopic dermatitis and other childhood allergic diseases

**Special Interests:** Anaphylaxis and food allergy

**Medical School:** University of Arkansas for Medical Sciences

**Residency:** Arkansas Children's Hospital  
**Area:** Pediatrics

**Fellowship:** Duke University Medical Center  
**Area:** Allergy and Immunology

**Certifications:** Allergy and Immunology-Pediatric Allergy and Immunology, Pediatrics

**UNC Hospitals Children's Specialty Clinic**  
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### Wesley Burks, MD

**Dean, UNC School of Medicine; Chief Executive Officer, UNC Health Care; Vice Chancellor for Medical Affairs, University of North Carolina at Chapel Hill; The Edward C. Curnen Distinguished Professor of Pediatrics**

**Specialties:** Allergy and Immunology, Pediatric Allergy and Immunology  
**Subspecialties:** Allergy and Immunology - Allergy, Allergy and Immunology - Asthma  
**Procedures and Research:** Asthma, allergic rhinitis, atopic dermatitis and other childhood allergic diseases  
**Special Interests:** Anaphylaxis and food allergy

**Medical School:** University of Arkansas for Medical Sciences  
**Residency:** Arkansas Children's Hospital  
**Area:** Pediatrics  
**Fellowship:** Duke University Medical Center  
**Area:** Allergy and Immunology  
**Certifications:** Allergy and Immunology-Pediatric Allergy and Immunology, Pediatrics

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### General Pediatric Surgery

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### Karla Brown, NP

**Adjunct Instructor**

**Specialties:** General Pediatric Surgery, Pediatric Cardiac Surgery  
**Bachelor of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Master of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Certifications:** Nursing-Acute Care Nurse Practitioner, Nursing-Pediatric Acute Care Nurse Practitioner

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Molly Berkoff, MD, MPH
Associate Professor; Medical Director, Child Medical Evaluation Program; Medical Director, Child Protection Team

Specialties: General Pediatrics and Adolescent Medicine, Primary Care

Procedures and Research: Child maltreatment and neglect; and general pediatrics.

Medical School: Columbia University

Internship and Residency: Yale-New Haven Children's Hospital
Area: Pediatrics

Fellowship: University of North Carolina at Chapel Hill
Area: Preventive Medicine

Additional Education: Columbia University

Additional Education: University of North Carolina at Chapel Hill

Certifications: Pediatrics, Pediatrics-Child Abuse Pediatrics

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Website: www.uncchildrens.org/uncmc/unc-childrens/care-treatment/primary-care
Neal Arledge deJong, MD, MPH
Assistant Professor

Specialties: General Pediatrics and Adolescent Medicine, Pediatric Diagnostic and Complex Care, Primary Care

Procedures and Research: Primary care research, health services research, care coordination for children with medical complexity

Special Interests: Children (and families) with medical complexity

Medical School: Johns Hopkins University
Area: Pediatrics

Residency: Johns Hopkins Hospital
Area: Pediatrics

Fellowship: University of North Carolina Hospitals
Area: Primary Care Research

Certification: Pediatrics

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Kori Flower, MD, MS, MPH

**Specialties:** General Pediatrics and Adolescent Medicine, Primary Care

**Procedures and Research:** Nexplanon insertion.

**Special Interests:** Quality improvement in children's health care and public health.

**Medical School:** University of California, San Francisco

**Certification:** Pediatrics

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Kelly Kimple, MD, MPH

**Specialties:** General Pediatrics and Adolescent Medicine, Primary Care

**Medical School:** University of North Carolina at Chapel Hill

**Residency:** University of North Carolina at Chapel Hill

**Residency Area:** Preventive Medicine

**Residency:** University of North Carolina Hospitals

**Residency Area:** Pediatrics

**Master of Public Health:** University of North Carolina at Chapel Hill

**Certification:** Pediatrics

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Martha Fairbanks Perry, MD

*Associate Professor; Medical Director, UNC Children's Primary Care Clinic; Associate Program Director, UNC Pediatrics Residency Program*

**Specialty:** General Pediatrics and Adolescent Medicine  
**Medical School:** University of Massachusetts Medical School  
**Residency:** Boston Medical Center and Boston Children's Hospital  
**Area:** Pediatrics  
**Fellowship:** University of California, San Francisco and Boston Children's Hospital  
**Area:** Adolescent Medicine  
**Certifications:** Pediatrics, Pediatrics-Adolescent Medicine

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General Pediatrics and Adolescent Medicine (cont.)

Michael J. Steiner, MD, MPH

Pediatrician in Chief, N.C. Children's Hospital; Chief, Division of General Pediatrics and Adolescent Medicine; Director, Outreach and Network Development, Dept. of Pediatrics; Michael F. Durfee, M.D. Distinguished Professor of Pediatrics

Specialties: General Pediatrics and Adolescent Medicine, Pediatric Diagnostic and Complex Care, Primary Care

Procedures and Research: Primary care resident teaching; evidence-based practice; management of chronic diseases; gastroenteritis and dehydration.

Special Interests: General pediatrics and quality improvement.

Medical School: Temple University

Certifications: Internal Medicine, Pediatrics

Wesley Matthew Jackson, MD, MPH

Assistant Professor

Specialty: Neonatal-Perinatal Medicine

Medical School: University of Texas Southwestern Medical Center

Residency: University of Alabama at Birmingham
Area: Pediatrics

Fellowship: University of North Carolina at Chapel Hill
Area: Neonatal-Perinatal Medicine

Certifications: Pediatrics, Pediatrics-Neonatal-Perinatal Medicine

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# Neurology - Epilepsy

## Paul Richard Carney, MD

**Professor**

### Specialties
- Neurology, Pediatric Neurology, Sleep Medicine

### Subspecialty
- Neurology - Epilepsy

### Special Interests
- Child neurology, epilepsy

### Medical School
- Universidad de Valparaiso

### Honors
- High Honors

### Internship and Residency
- Case Western Reserve University
  - **Area:** Pediatrics

### Residency
- University of Michigan Health System
  - **Area:** Neurology

### Fellowship
- University of Michigan, Ann Arbor
  - **Area:** Pediatric Neurology

- University of Michigan, Ann Arbor
  - **Area:** Neurophysiology and Clinical Epilepsy

- University of Michigan, Ann Arbor
  - **Area:** Clinical Sleep Disorders

### Research Fellowship
- Universidad de Valparaiso
  - **Area:** Neuroscience

### Certification
- Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

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Robert S. Greenwood, MD

**Specialties:** Neurology, Pediatric Neurology

**Subspecialty:** Neurology - Epilepsy

**Procedures and Research:** Child neurology, child headaches, neuroendocrinology, neurofibromatosis and other neurocutaneous disorders, epilepsy and other paroxysmal disorders, mitochondrial disease, neurogenetics and Tourette's syndrome, management of baclofen pumps.

**Special Interests:** Child neurology, epilepsy, childhood headaches, neuroendocrinology, paroxysmal disorders, neurogenetics, neurocutaneous disorders, Tourette's syndrome

**Medical School:** University of Texas Medical Branch at Galveston

**Residency:** St. Louis Children's Hospital

  **Area:** Pediatrics

**Residency and Fellowship:** St. Louis Children's Hospital

  **Area:** Pediatrics/Neurology

**Residency and Fellowship:** St. Louis Children's Hospital

  **Area:** Pediatrics/Neurology

**Research Fellowship:** Washington University

  **Area:** Neurosurgery

**Certifications:** Pediatrics, Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

**UNC Hospitals Neurology Clinic**
194 Finley Golf Course Road
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Neurology - Neurocritical Care

Casey Olm-Shipman, MD, MS
Assistant Professor

Specialties: Neurology, Pediatric Neurology
Subspecialty: Neurology - Neurocritical Care
Medical School: Dartmouth College
Residency: Harvard University
Area: Pediatrics
Residency: Harvard University
Area: Neurology and Child Neurology
Chief Residency: Harvard University
Area: Pediatric Neurology
Fellowship: Harvard University
Area: Neurocritical Care and Acute Stroke
Master of Science: Dartmouth College
Area: Quality Improvement in Healthcare Systems
Certification: Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

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Pediatric Allergy and Immunology

Samantha A. Borden, RN, MSN, CPNP
Instructor; Certified Pediatric Nurse Practitioner

Specialty: Pediatric Allergy and Immunology
Procedures and Research: Nurse practitioner for allergy, asthma and immunology.
Special Interests: Pediatric allergy, asthma and immunology.
Additional Education: University of Texas at Austin
Certification: Nursing-Pediatric Nurse Practitioner

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Pediatric Allergy and Immunology (cont.)

Wesley Burks, MD
Dean, UNC School of Medicine; Chief Executive Officer, UNC Health Care; Vice Chancellor for Medical Affairs, University of North Carolina at Chapel Hill; The Edward C. Curren Distinguished Professor of Pediatrics

Specialties: Allergy and Immunology, Pediatric Allergy and Immunology
Subspecialties: Allergy and Immunology - Allergy, Allergy and Immunology - Asthma
Procedures and Research: Asthma, allergic rhinitis, atopic dermatitis and other childhood allergic diseases
Special Interests: Anaphylaxis and food allergy
Medical School: University of Arkansas for Medical Sciences
Residency: Arkansas Children's Hospital
Area: Pediatrics
Fellowship: Duke University Medical Center
Area: Allergy and Immunology
Certifications: Allergy and Immunology-Pediatric Allergy and Immunology, Pediatrics

Lauren Herlihy, RN, MSN, CPNP
Instructor

Specialty: Pediatric Allergy and Immunology
Bachelor of Arts: Villanova University
Area: Business
Bachelor of Science: University of North Carolina at Chapel Hill
Area: Nursing
Master of Science: University of North Carolina at Chapel Hill
Area: Nursing-Pediatric Primary Care
Certifications: Nursing, Nursing-Pediatric Nurse Practitioner

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Website: www.uncmedicalcenter.org/uncmc/care-treatment/allergy-immunology
Timothy P. Moran, MD, PhD  
Assistant Professor of Pediatrics

**Specialty:** Pediatric Allergy and Immunology  
**Procedures and Research:** General pediatric allergy, asthma and immunodeficiency.  
**Special Interests:** How environmental factors contribute to the development of asthma, food allergy and other allergic diseases.  
**Medical School:** University of North Carolina at Chapel Hill  
**Residency:** University of North Carolina Hospitals  
**Area:** Pediatrics  
**Fellowship:** Duke University Hospital  
**Area:** Pediatric Allergy and Immunology  
**Certifications:** Allergy and Immunology, Pediatrics

Eveline Wu, MD  
Assistant Professor of Pediatrics

**Specialties:** Pediatric Allergy and Immunology, Pediatric Rheumatology  
**Procedures and Research:** Childhood allergic diseases, immunodeficiency, and general pediatric rheumatology.  
**Medical School:** Mercer University  
**Residency:** Vanderbilt University  
**Area:** Pediatrics  
**Fellowship:** Duke University Medical Center  
**Area:** Allergy & Immunology and Pediatric Rheumatology  
**Certifications:** Allergy and Immunology, Pediatrics, Pediatrics-Pediatric Rheumatology
Karla Brown, NP
Adjunct Instructor

Specialties: General Pediatric Surgery, Pediatric Cardiac Surgery

Bachelor of Science: University of North Carolina at Chapel Hill
Area: Nursing

Master of Science: University of North Carolina at Chapel Hill
Area: Nursing

Certifications: Nursing-Acute Care Nurse Practitioner, Nursing-Pediatric Acute Care Nurse Practitioner

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Stephanie Permar Schwartz, MD
Assistant Professor

Specialty: Pediatric Critical Care Medicine

Procedures and Research: Pediatric critical care, anesthesiology, quality improvement and safety, extracorporeal membrane oxygenation (ECMO)

Medical School: East Carolina University
Honors: Jon B Tingelstad Pediatric Award

Residency: University of North Carolina at Chapel Hill
Area: Pediatrics

Chief Residency: University of North Carolina at Chapel Hill
Area: UNC School of Medicine Academy of Educators

Fellowship: Duke University Medical Center
Area: Pediatric Critical Care
Honors: Society of Critical Care Medicine Presidential Citation

Certifications: Pediatrics, Pediatrics-Pediatric Critical Care Medicine

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Pediatric Critical Care Medicine (cont.)

Paul Leo Shea, MD  
Assistant Professor of Pediatrics

Specialty: Pediatric Critical Care Medicine  
Medical School: Pennsylvania State University  
Residency: St. Christopher's Hospital for Children  
Area: Pediatrics  
Fellowship: Children's National Medical Center  
Area: Pediatric Critical Care  
Certifications: Pediatrics, Pediatrics-Pediatric Critical Care Medicine

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Pediatric Diagnostic and Complex Care

Neal Arledge deJong, MD, MPH  
Assistant Professor

Specialties: General Pediatrics and Adolescent Medicine, Pediatric Diagnostic and Complex Care, Primary Care  
Procedures and Research: Primary care research, health services research, care coordination for children with medical complexity  
Special Interests: Children (and families) with medical complexity  
Medical School: Johns Hopkins University  
Area: Pediatrics  
Residency: Johns Hopkins Hospital  
Area: Pediatrics  
Fellowship: University of North Carolina Hospitals  
Area: Primary Care Research  
Certification: Pediatrics

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Maria E. Diaz-Gonzalez de Ferris, MD, MPH, PhD

**Specialty:** Pediatric Diagnostic and Complex Care

**Special Interests:** Adolescent health, chronic medical conditions, health self-management, transition

**Medical School:** Universidad Nacional Autonoma de Mexico

**Residency:** Driscoll Children's Hospital
**Area:** Pediatrics

**Fellowship:** University of California, San Diego
**Area:** Pediatric Nephrology

**Doctor of Philosophy:** University of Texas Health Science Center at Houston

**Master of Public Health:** University of Texas Health Science Center at Houston
**Area:** Maternal Infant Health

**Certification:** Pediatrics

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Michael J. Steiner, MD, MPH

**Specialties:** General Pediatrics and Adolescent Medicine, Pediatric Diagnostic and Complex Care, Primary Care

**Procedures and Research:** Primary care resident teaching; evidence-based practice; management of chronic diseases; gastroenteritis and dehydration.

**Special Interests:** General pediatrics and quality improvement.

**Medical School:** Temple University

**Certifications:** Internal Medicine, Pediatrics

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Ali S. Calikoglu, MD  
Professor of Pediatrics

Specialty: Pediatric Endocrinology and Diabetes  
Special Interests: Diabetes mellitus and general pediatric endocrinology  
Medical School: Ankara University  
Residency: Hacettepe Children’s Hospital  
Area: Pediatrics  
Fellowship: University of North Carolina at Chapel Hill  
Area: Pediatric Endocrinology  
Certifications: Pediatrics, Pediatrics-Pediatric Endocrinology

Elizabeth Estrada, MD  
Professor of Pediatrics; Chief, Division of Pediatric Endocrinology and Diabetes

Specialty: Pediatric Endocrinology and Diabetes  
Special Interests: Obesity comorbidities, diabetes mellitus, general pediatric endocrinology  
Medical School: Universidad Peruana Cayetano Heredia  
Residency: Children’s Hospital at State University of New York Downstate Medical Center  
Fellowship: Hospital for Sick Children  
Area: Pediatric Endocrinology  
Certification: Pediatrics-Pediatric Endocrinology
### Nina Jain, MD

**Associate Professor of Pediatrics; Director, UNC Children's Diabetes Program**

**Specialty:** Pediatric Endocrinology and Diabetes

**Procedures and Research:** General pediatric endocrinology and diabetes mellitus.

**Special Interests:** Transgender care

**Medical School:** University of Florida

**Residency:** Virginia Commonwealth University

**Fellowship:** University of North Carolina at Chapel Hill

**Area:** Pediatric Endocrinology

**Certifications:** Pediatrics, Pediatrics-Pediatric Endocrinology

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### Jennifer Law, MD, MSCR

**Assistant Professor of Pediatrics; Director, UNC Children's Turner Syndrome Program**

**Specialty:** Pediatric Endocrinology and Diabetes

**Medical School:** West Virginia University

**Residency:** Wake Forest University Baptist Medical Center

**Area:** Pediatrics

**Fellowship:** University of North Carolina at Chapel Hill

**Area:** Pediatric Endocrinology

**Certifications:** Pediatrics, Pediatrics-Pediatric Endocrinology

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**Website:** [www.uncchildrens.org](http://www.uncchildrens.org)
Amy Elizabeth Levenson, MD  
Attending Physician; Assistant Professor of Pediatrics; Associate Program Director of Pediatric Endocrinology Fellowship

**Specialty:** Pediatric Endocrinology and Diabetes  
**Special Interests:** Pediatric lipid disorders, transgender care  
**Medical School:** Drexel University  
**Residency:** St. Christopher's Hospital for Children  
**Area:** Pediatrics  
**Fellowship:** Boston Children's Hospital  
**Area:** Endocrinology  
**Certifications:** Pediatrics, Pediatrics-Pediatric Endocrinology

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Maureen Su, MD  
Assistant Professor

**Specialty:** Pediatric Endocrinology and Diabetes  
**Special Interests:** Autoimmunity; diabetes; autoimmune polyendocrinopathy syndromes; and Turner syndrome.  
**Medical School:** Harvard University  
**Area:** Health Sciences and Technology  
**Residency:** University of California, San Francisco  
**Area:** Pediatrics  
**Chief Residency:** University of California, San Francisco  
**Area:** Pediatrics  
**Fellowship:** University of California, San Francisco  
**Area:** Pediatric Endocrinology  
**Certifications:** Pediatrics, Pediatrics-Pediatric Endocrinology

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Kristen Cole, RN, CPNP

Specialty: Pediatric Gastroenterology
Procedures and Research: Feeding difficulties.
Special Interests: Feeding difficulties.
Additional Education: University of North Carolina at Chapel Hill
Area: Nursing
Additional Education: University of North Carolina at Chapel Hill
Certification: Nursing-Pediatric Nurse

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Matteo David Egberg, MD, MPH, MMSc

Assistant Professor

Specialty: Pediatric Gastroenterology

Procedures and Research: My clinical interests include pediatric inflammatory bowel disease (IBD) and improvements in the quality and reliability of care provision. In addition to completing fellowship training in pediatric Gastroenterology, Hepatology, and Nutrition, I have completed fellowships in both Quality Improvement, at the Institute for Healthcare Improvement, as well as Pediatric Health Services Research. My research includes studies of the clinical and comparative effectiveness of treatments for IBD using real-world data to evaluate the risks and benefits of treatments used in everyday clinical practice.

Special Interests: Pediatric inflammatory bowel disease (IBD) and improvements in the quality and reliability of care provision.

Fellowship: Boston Children’s Hospital
Area: Pediatric Inflammatory Bowel Disease

Fellowship: Harvard University
Area: Pediatric Health Services Research

Fellowship: Institute for Healthcare Improvement
Area: Quality Improvement Methods

Master of Public Health: Harvard University
Area: Clinical Effectiveness

Certifications: Pediatrics, Pediatrics-Pediatric Gastroenterology

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101 Manning Drive
N.C. Children's Hospital
Ground Floor
Chapel Hill, NC 27514

Phone: (984) 974-1401
Website: www.uncchildrens.org/uncmc/unc-childrens

Matthew David Egberg, MD, MPH, MMSc
Assistant Professor
Specialty: Pediatric Gastroenterology

Procedures and Research: Pediatric inflammatory bowel diseases (Crohn's disease and ulcerative colitis); and intestinal epithelial repair responses in inflammation-induced gut injury. My research is interested in understanding how the normal bacteria in the gut, known as the intestinal microbiota, can be used to improve the health of the intestines in patients with inflammatory bowel diseases (IBD). To do this, my research group study how the microbiota affects the function of different cells in the lining of the intestine. The laboratory is particularly interested in a cell type known as the Paneth cell, which produces natural antibiotics that protect the gut against infections. This knowledge may help us learn new ways to manipulate microbiota to treat IBD in a safe and effective manner, without the need for medications that suppress the immune system.

Medical School: Baylor College of Medicine

Residency and Chief Residency: Baylor College of Medicine

Fellowship: Baylor College of Medicine
Area: Pediatric Gastroenterology, Hepatology and Nutrition

Certifications: Pediatrics, Pediatrics-Pediatric Gastroenterology
Michael D. Kappelman, MD, MPH
Professor

Specialty: Pediatric Gastroenterology

Procedures and Research: Crohn's disease; ulcerative colitis; pediatric endoscopy and colonoscopy; clinical epidemiology; and health services research. My research includes studies of the clinical and comparative effectiveness of treatments for Inflammatory Bowel Disease (IBD) using real-world data to evaluate the risks and benefits of treatments used in everyday clinical practice. He has received research funding from the National Institutes of Health (NIH), Agency for Healthcare Research and Quality (AHRQ), Patient-Centered Outcomes Research Institute (PCORI), foundations, and industry. Selected examples of ongoing research studies include: - The largest pediatric Crohn’s trial in history to compare the effectiveness and safety of anti-TNF biologic agents (infliximab, adalimumab) used alone or in combination with a second immune suppressive agent (methotrexate). - A patient powered research network for children and adults with IBD that utilizes internet based recruitment and data collection to study the course of IBD through the eyes of patients and caregivers. - A study comparing the effectiveness and safety of 2nd line treatments for patients with IBD who did not respond to, or lost response to, anti-TNF.

Medical School: Washington University

Internship and Residency: Massachusetts General Hospital

Fellowship: Harvard University
Area: Pediatric Health Services Research

Fellowship: Massachusetts General Hospital and Boston Children's Hospital
Area: Pediatric Gastroenterology

Certifications: Pediatrics, Pediatrics-Pediatric Gastroenterology

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Website: www.uncchildrens.org
Maureen Kelly, MS, CPNP  
**Assistant Professor of Pediatrics**

**Specialty:** Pediatric Gastroenterology  
**Procedures and Research:** Inflammatory bowel diseases and failure to thrive.  
**Special Interests:** Inflammatory bowel diseases and failure to thrive.  
**Additional Education:** University of Maryland, Baltimore  
**Additional Education:** University of North Carolina at Chapel Hill  
**Additional Education:** University of Virginia  
**Certification:** Nursing-Pediatric Nurse Practitioner

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Steven N. Lichtman, MD  
**Professor, Division of Pediatric Gastroenterology**

**Specialties:** Pediatric Gastroenterology, Pediatric Transplantation  
**Procedures and Research:** Celiac disease, inflammatory bowel disease, liver disease, failure to thrive, short bowel syndrome, liver transplantation  
**Medical School:** University of Toronto  
**Residency:** Hospital for Sick Children  
**Area:** Pediatrics  
**Residency:** St. Michael's Hospital  
**Area:** Medicine  
**Additional Education:** Royal Alexandra Children's Hospital  
**Area:** Pediatrics  
**Certifications:** Pediatrics, Pediatrics-Pediatric Gastroenterology

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**Fax:** (984) 974-0506  
**Website:** www.uncchildrens.org
Rose C. Marcus, MD, MSCE  
Associate Professor

**Specialty:** Pediatric Gastroenterology  
** Procedures and Research:** Pediatric endoscopy and colonoscopy  
**Special Interests:** Functional GI disorders  
**Medical School:** University at Buffalo  
**Honors:** Cum Laude  
**Residency:** Children's Hospital of Philadelphia  
**Area:** Pediatrics  
**Fellowship:** Children's Hospital of Philadelphia  
**Area:** Pediatric Gastroenterology  
**Master of Science:** University of Pennsylvania  
**Area:** Clinical Epidemiology  
**Certification:** Pediatrics-Pediatric Gastroenterology

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Sabina Mir, MD  
Assistant Professor of Pediatrics; Director of Endoscopy

**Specialty:** Pediatric Gastroenterology  
** Procedures and Research:** Endoscopy; colonoscopy; polypectomy; esophageal dilation (strictures, stenosis and achalasia); variceal band ligation; endoscopic hemostatic therapy; intramuscular botox injection and small bowel enteroscopy.  
**Special Interests:** Allergic gastrointestinal disorders  
**Medical School:** Punjab Medical College  
**Residency:** Stony Brook University Medical Center  
**Area:** Pediatrics  
**Fellowship:** Texas Children's Hospital  
**Area:** Pediatric Gastroenterology, Hepatology and Nutrition  
**Certification:** Pediatrics
Victoria M. Powell, CPNP, RN, MSN

Instructor, Pediatrics

Specialty: Pediatric Gastroenterology

Special Interests: Pediatric gastroenterology.

Bachelor of Science: University of Pittsburgh
Area: Nursing

Master of Science: University of North Carolina at Chapel Hill
Area: Nursing

Certification: Nursing-Pediatric Nurse Practitioner

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Website: www.uncchildrens.org
Francisco Sylvester, MD

Chief, Division of Pediatric Gastroenterology; Professor of Pediatrics; Medical Director, Children’s Outpatient Clinics

Specialty: Pediatric Gastroenterology

Procedures and Research: Endoscopy; colonoscopy; percutaneous gastrostomy; and percutaneous liver biopsy. I have a long-standing interest on the effects of chronic intestinal inflammation on growth, bone and muscle in children. My studies focus on children with inflammatory bowel diseases (Crohn’s disease and ulcerative colitis). I collaborate with investigators at UNC and across the country. My research has revealed that children with Crohn’s disease have significant deficits of bone mass and muscle mass at the time of diagnosis, and that these deficits largely persist 2-years post diagnosis, despite a decrease in symptoms and improved weight gain. I perform studies in human samples and in the basic science laboratory to arrive to mechanisms that explain these observations.

Special Interests: Pediatric inflammatory bowel disease (Crohn’s disease and ulcerative colitis)

Medical School: Universidad Peruana Cayetano Heredia

Residency: Children’s Hospital at State University of New York Downstate Medical Center

Chief Residency: Children’s Hospital at State University of New York Downstate Medical Center

Fellowship: Hospital for Sick Children

Area: Pediatric Gastroenterology

Certifications: Pediatrics, Pediatrics-Pediatric Gastroenterology

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Website: www.uncchildrens.org
Muge Gucsavas Calikoglu, MD, MPH
Associate Professor of Pediatrics

**Specialty:** Pediatric Genetics and Metabolism

**Procedures and Research:** Metabolic disorders; medical genetics; dysmorphology; epidemiology; and mitochondrial disorders.

**Medical School:** Ankara University

**Residency:** Hacettepe University
**Area:** Pediatrics

**Residency:** University of North Carolina at Chapel Hill
**Area:** Pediatrics

**Fellowship:** Cecil G. Sheps Center for Health Services Research
**Area:** Primary Care

**Fellowship:** H.A. Chapman Institute of Medical Genetics
**Area:** Clinical Genetics

**Additional Education:** University of North Carolina at Chapel Hill

**Certifications:** Medical Genetics-Clinical Genetics (MD), Medical Genetics-Medical Biochemical Genetics, Pediatrics

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**Fax:** (984) 974-0506
**Website:** www.uncchildrens.org
Joseph Muenzer, MD, PhD  
Professor

**Specialty:** Pediatric Genetics and Metabolism  

**Procedures and Research:** Inborn errors of metabolism including mucopolysaccharidoses, lysosomal and glycogen storage disorders; disorders of amino acid and carbohydrate metabolism; organic acidurias; and urea cycle disorders. I am a pediatric geneticist and researcher, with special interest in congenital metabolic disorders such as Mucopolysaccharidoses (MPS). My research includes: - Progressive brain disease in children with severe MPS II, also known as Hunter Syndrome. - Developing new avenues of treatment in children with MPS, including clinical trials to test new forms of intravenous enzyme replacement therapy as well as alternative therapies, such as gene therapy and intrathecal drug delivery devices.

**Medical School:** Case Western Reserve University  

**Internship:** University of Wisconsin-Madison  
**Area:** Pediatrics  

**Residency:** University of Wisconsin-Madison  
**Area:** Pediatrics  

**Fellowship:** National Institutes of Health  
**Area:** Pediatric Endocrine and Genetics  

**Doctorate:** Case Western Reserve University  

**Certifications:** Medical Genetics-Clinical Biochemical Genetics, Pediatrics

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Arti Pandya, MD, MBA
Chief, Division of Pediatric Genetics and Metabolism; Associate Professor of Pediatrics

**Specialty:** Pediatric Genetics and Metabolism

**Procedures and Research:** Hearing loss; birth defects; and inborn errors of metabolism.

**Special Interests:** Ethical impact of new discoveries in genetic hearing loss on deaf persons and their families.

**Medical School:** Seth Gordhandas Sunderdas Medical College

**Medical School:** University of Bombay

**Area:** Pediatrics

**Certifications:** Medical Genetics-Clinical Genetics (MD), Medical Genetics-Clinical Molecular Genetics, Pediatrics

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Cynthia M. Powell, MD
Professor of Pediatrics and Genetics

**Specialty:** Pediatric Genetics and Metabolism

**Procedures and Research:** Genetics of hearing loss; genetic and chromosomal syndromes; ethical issues in genetics; and newborn screening.

**Special Interests:** Cytogenetics; dysmorphology; and hearing loss.

**Medical School:** Virginia Commonwealth University

**Residency:** Children's National Medical Center

**Area:** Pediatrics

**Fellowship:** Children's National Medical Center and National Institutes of Health

**Area:** Clinical Genetics and Clinical Cytogenetics

**Certifications:** Genetic Counseling, Medical Genetics-Clinical Cytogenetics, Medical Genetics-Clinical Genetics (MD), Pediatrics

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**Website:** www.uncchildrens.org
J. Edward Spence, MD  
Professor

Specialty: Pediatric Genetics and Metabolism  
Medical School: University of Virginia  
Residency: University of North Carolina at Chapel Hill  
Area: Pediatrics  
Fellowship: Baylor College of Medicine  
Area: Medical Genetics  
Certifications: Medical Genetics-Clinical Genetics (MD), Pediatrics

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Website: www.unchealthcare.org/uncmc/unchealthcare.org

Timothy Gershon, MD, PhD  
Associate Professor

Specialties: Pediatric Hematology-Oncology, Pediatric Neurology  
Procedures and Research: Pediatric Neuro-oncology  
Special Interests: Pediatric Neuro-oncology  
Medical School: Columbia University  
Internship: NewYork-Presbyterian Hospital  
Area: Pediatrics  
Residency: NewYork-Presbyterian Hospital  
Area: Pediatrics  
Residency: NewYork-Presbyterian Hospital  
Area: Neurology  
Fellowship: Memorial Sloan Kettering Cancer Center  
Area: Neuro-oncology  
Fellowship: NewYork-Presbyterian Hospital  
Area: Child Neurology  
Additional Education: Memorial Sloan Kettering Cancer Center  
Area: Pediatric Neuro-oncology  
Postdoctoral: Columbia University  
Certification: Psychiatry and Neurology

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Website: www.unchealthcare.org/uncmc/unchealthcare.org
**Patrick Thompson, MD**  
*Associate Professor; Program Director, UNC Pediatric Hematology-Oncology Fellowship*

<table>
<thead>
<tr>
<th>Specialty:</th>
<th>Pediatric Hematology-Oncology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procedures and Research:</td>
<td>Bone marrow aspirations and biopsies; lumbar punctures; and administration of chemotherapy. I am a self-proclaimed &quot;Pharmacology Phanatic&quot;; I am one of only a handful of Pediatric Hematologist-Oncologists who is also Board Certified in Clinical Pharmacology. My passion for pharmacology has led me to a career in developmental therapeutics focused on seeking better, less-toxic treatments for children with childhood cancer. I lead UNC's participation in the Sunshine Project, an early phase clinical trials network for children with cancer, and serves as a sub-PI for the group. Working with Drs. Alexander and Gold, I have helped UNC secure a membership in the New Approaches to Neuroblastoma Therapy (NANT) Network, and am looking forward to providing more treatment options and clinical trials opportunities to children who are battling recurrent and refractory cancers. My other passion is education.</td>
</tr>
<tr>
<td>Special Interests:</td>
<td>General pediatric hematology-oncology; solid tumors; cancer pharmacology; and clinical trials.</td>
</tr>
<tr>
<td>Medical School:</td>
<td>Baylor College of Medicine</td>
</tr>
</tbody>
</table>
| Residency: | Baylor College of Medicine  
**Area:** Pediatrics |
| Fellowship: | Baylor College of Medicine  
**Area:** Pediatric Hematology-Oncology |
| Certifications: | Pediatrics, Pediatrics-Pediatric Hematology-Oncology, Clinical Pharmacology |

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www.uncchildrens.org/uncmc/unc-childrens  

**UNC Hospitals Pediatric Hematology Oncology Clinic**  
101 Manning Drive  
N.C. Cancer Hospital  
First Floor  
Chapel Hill, NC  27514  
**Appointments:** (984) 974-8300  
**Phone:** (984) 974-0000  
**Fax:** (984) 974-8579  
**Website:**  
Lee Antoinette (Toni) Darville, MD

The Floyd W. Denny, Jr., M.D. Distinguished Professor of Pediatrics; Vice Chair of Research, Department of Pediatrics; Chief, Division of Pediatric Infectious Diseases

Specialty: Pediatric Infectious Diseases

Procedures and Research: Pelvic inflammatory disease; innate and adaptive immune responses; Chlamydia epidemiology; I conduct basic and translational research on the immunopathogenesis of Chlamydia trachomatis female genital tract infection. My aim is to increase understanding of genital tract disease due to C. trachomatis, with the ultimate goal being to improve treatment and preventatives to advance the reproductive health of women worldwide. I am very passionate about mentoring young clinician scientists and trainees and act in several leadership roles at UNC. These include Vice Chair of Research in the Department of Pediatrics, Scientific Director of the Children’s Research Institute and Co-Director of the MD-PhD training program.

Medical School: University of Arkansas for Medical Sciences

Certifications: Pediatrics, Pediatrics-Pediatric Infectious Diseases

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Zachary Inskeep (Zach) Willis, MD, MPH
Assistant Professor of Pediatrics

**Specialty:** Pediatric Infectious Diseases

**Procedures and Research:** Antimicrobial stewardship; antimicrobial-resistant organisms and complications; outcome improvement. Antibiotics are life-saving medications, but overuse can lead to antibiotic-resistant infections. My primary research focus is on antibiotic stewardship and prevention of antibiotic resistance. As the director of the pediatric antimicrobial stewardship program, I work with colleagues in Adult Infectious Diseases and the Department of Pharmacy to optimize antibiotic use and prevent antibiotic resistance in the Children’s Hospital. I also conduct research aimed at preventing overuse of antibiotics in the pediatric outpatient setting.

**Special Interests:** Antibiotic stewardship, antibiotic resistance

**Medical School:** Medical University of South Carolina

**Honors:** Alpha Omega Alpha

**Residency:** Cincinnati Children’s Hospital Medical Center

**Area:** Pediatrics

**Fellowship:** Vanderbilt University

**Area:** Pediatric Infectious Diseases

**Master of Public Health:** Vanderbilt University

**Area:** Epidemiology

**Certifications:** Pediatrics, Pediatrics-Pediatric Infectious Diseases

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**Website:**
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Paul Richard Carney, MD
Professor

Specialties: Neurology, Pediatric Neurology, Sleep Medicine
Subspecialty: Neurology - Epilepsy
Special Interests: Child neurology, epilepsy
Medical School: Universidad de Valparaiso
Honors: High Honors
Internship and Residency: Case Western Reserve University
Area: Pediatrics
Residency: University of Michigan Health System
Area: Neurology
Fellowship: University of Michigan, Ann Arbor
Area: Pediatric Neurology
Fellowship: University of Michigan, Ann Arbor
Area: Neurophysiology and Clinical Epilepsy
Fellowship: University of Michigan, Ann Arbor
Area: Clinical Sleep Disorders
Research Fellowship: Universidad de Valparaiso
Area: Neuroscience
Certification: Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

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Diana M. Cejas, MD, MPH  
Assistant Professor

Specialty: Pediatric Neurology

Procedures and Research: Patient and medical trainee education, particularly as related to transition of care; improving health outcomes; and cultural competence.

Special Interests: Autism spectrum disorders, pediatric behavioral neurology, neurodevelopmental conditions, learning disabilities, intellectual disabilities, and transition of care for adolescents with neurological conditions.

Medical School: Howard University

Residency: Tulane University Health Sciences Center  
Area: Pediatrics

Residency: University of Chicago Medical Center  
Area: Child Neurology

Bachelor of Arts: University of North Carolina at Charlotte  
Area: Physics

Bachelor of Science: Appalachian State University  
Area: Biology, Minors in English and Chemistry

Master of Public Health: George Washington University  
Area: Maternal and Child Health

Certifications: Pediatrics, Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

Carolina Institute for Developmental Disabilities  
101 Renee Lynne Court  
Carrboro, NC  27510

Phone: (919) 966-5171  
Fax: (919) 966-2230  
Website: www.cidd.unc.edu

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Timothy Gershon, MD, PhD  
*Associate Professor*

**Specialties:** Pediatric Hematology-Oncology, Pediatric Neurology  
**Procedures and Research:** Pediatric Neuro-oncology  
**Special Interests:** Pediatric Neuro-oncology  
**Medical School:** Columbia University  
**Internship:** NewYork-Presbyterian Hospital  
**Area:** Pediatrics  
**Residency:** NewYork-Presbyterian Hospital  
**Area:** Pediatrics  
**Residency:** NewYork-Presbyterian Hospital  
**Area:** Neurology  
**Fellowship:** Memorial Sloan Kettering Cancer Center  
**Area:** Neuro-oncology  
**Fellowship:** NewYork-Presbyterian Hospital  
**Area:** Child Neurology  
**Additional Education:** Memorial Sloan Kettering Cancer Center  
**Area:** Pediatric Neuro-oncology  
**Postdoctoral:** Columbia University  
**Certification:** Psychiatry and Neurology

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Robert S. Greenwood, MD
Professor

Specialties: Neurology, Pediatric Neurology
Subspecialty: Neurology - Epilepsy

Procedures and Research: Child neurology, child headaches, neuroendocrinology, neurofibromatosis and other neurocutaneous disorders, epilepsy and other paroxysmal disorders, mitochondrial disease, neurogenetics and Tourette’s syndrome, management of baclofen pumps.

Special Interests: Child neurology, epilepsy, childhood headaches, neuroendocrinology, paroxysmal disorders, neurogenetics, neurocutaneous disorders, Tourette’s syndrome

Medical School: University of Texas Medical Branch at Galveston

Residency: St. Louis Children's Hospital
Area: Pediatrics

Residency and Fellowship: St. Louis Children's Hospital
Area: Pediatrics/Neurology

Residency and Fellowship: St. Louis Children's Hospital
Area: Pediatrics/Neurology

Research Fellowship: Washington University
Area: Neurosurgery

Certifications: Pediatrics, Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

Ammar Hussain, MD
Assistant Professor

Specialty: Pediatric Neurology

Special Interests: Child neurology, epilepsy, surgical management of epilepsy, neurogenetics, neuroimaging

Medical School: King Edward Medical University

Residency: Nassau University Medical Center
Area: Pediatrics

Residency: Virginia Commonwealth University
Area: Pediatric Neurology

Fellowship: Virginia Commonwealth University
Area: Epilepsy

Certification: Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

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Ammar Hussain, MD
Assistant Professor

Specialty: Pediatric Neurology

Special Interests: Child neurology, epilepsy, surgical management of epilepsy, neurogenetics, neuroimaging

Medical School: King Edward Medical University

Residency: Nassau University Medical Center
Area: Pediatrics

Residency: Virginia Commonwealth University
Area: Pediatric Neurology

Fellowship: Virginia Commonwealth University
Area: Epilepsy

Certification: Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

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**Casey Olm-Shipman, MD, MS**  
*Assistant Professor*

**Specialties:** Neurology, Pediatric Neurology  
**Subspecialty:** Neurology - Neurocritical Care  
**Medical School:** Dartmouth College  
**Residency:** Harvard University  
**Area:** Pediatrics  
**Residency:** Harvard University  
**Area:** Neurology and Child Neurology  
**Chief Residency:** Harvard University  
**Area:** Pediatric Neurology  
**Fellowship:** Harvard University  
**Area:** Neurocritical Care and Acute Stroke  
**Master of Science:** Dartmouth College  
**Area:** Quality Improvement in Healthcare Systems  
**Certification:** Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

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For additional locations, please visit findadoc.unchealthcare.org.

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**Yael Shiloh-Malawsky, MD**  
*Assistant Professor*

**Specialty:** Pediatric Neurology  
**Procedures and Research:** Pediatric neurology, plasticity in the developing brain, epilepsy, muscular dystrophy pathology  
**Special Interests:** Pediatric neurology, epilepsy, neurogenetics, general child neurology  
**Residency:** University of North Carolina at Chapel Hill  
**Area:** Child Neurology  
**Residency:** University of North Carolina at Chapel Hill  
**Area:** Pediatrics  
**Chief Residency:** University of North Carolina at Chapel Hill  
**Area:** Neurology  
**Fellowship:** Edmond and Lily Safra Children’s Hospital  
**Area:** Pediatric Neurology  
**Additional Education:** University of North Carolina  
**Research Fellowship:** UNC Senator Paul D. Wellstone Muscular Dystrophy Cooperative Research Center  
**Area:** Basic Neuroscience Research

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Michael B. Tennison, MD  
Professor

Specialty: Pediatric Neurology

Procedures and Research: Child neurology, clinical neurophysiology electroencephalography epilepsy (EEG-EP), childhood headaches, paroxysmal disorders of childhood and neurogenetics.

Special Interests: Child neurology, clinical neurophysiology electroencephalography epilepsy (EEG-EP), childhood headaches, paroxysmal disorders of childhood and neurogenetics.

Medical School: Harvard University

Residency: Harbor General Hospital
Area: Pediatrics

Residency and Chief Residency: University of North Carolina at Chapel Hill
Area: Pediatric Neurology

Fellowship: University of North Carolina at Chapel Hill
Area: Clinical Neurophysiology and Epilepsy

Certifications: Pediatrics, Psychiatry and Neurology-Clinical Neurophysiology, Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

Carolyn Zook Lewis, RN, MSN, CPNP

Specialty: Pediatric Neurology

Procedures and Research: Child neurology

Special Interests: Child neurology

Additional Education: Duke University

Bachelor of Science: East Carolina University

Certification: Nursing-Pediatric Nurse Practitioner

UNC Hospitals Children's Specialty Clinic
101 Manning Drive
N.C. Children's Hospital
Ground Floor
Chapel Hill, NC 27514

Phone: (984) 974-1401
Website: www.uncchildrens.org/uncmc/unc-childrens
Elisabeth P. Dellon, MD, MPH  
*Professor; Medical Director, Children’s Supportive Care Team; Director, UNC Cystic Fibrosis Center*

**Specialties:** Pediatric Palliative Care, Pediatric Pulmonology, Pediatric Transplantation

**Procedures and Research:** Cystic fibrosis in children and adults; lung transplantation; and other chronic lung disorders. My primary research interest is the impact of cystic fibrosis (CF) on quality of life throughout the lifespan, improvements in care for patients with advanced CF lung disease and decision-making about medical treatments for patients with CF.

**Special Interests:** My other research interests are pediatric palliative care and coordination of medical care for children with special health care needs

**Medical School:** University of Minnesota, Twin Cities

**Fellowship:** University of North Carolina at Chapel Hill  
*Area:* Pediatric Pulmonology

**Master of Public Health:** University of North Carolina at Chapel Hill  
*Area:* Epidemiology

**Certifications:** Internal Medicine, Pediatrics, Pediatrics-Hospice and Palliative Medicine, Pediatrics-Pediatric Pulmonology

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[www.uncchildrens.org/uncmc/unc-childrens](http://www.uncchildrens.org/uncmc/unc-childrens)
Jeyhan Wood, MD

Assistant Professor of Surgery; Director of Craniofacial and Pediatric Plastic Surgery; Program Director Residency Program Plastics

Specialties: Pediatric Plastic and Reconstructive Surgery, Plastic and Reconstructive Surgery
Subspecialty: Pediatric Plastic and Reconstructive Surgery - Pediatric Craniofacial Surgery

Procedures and Research: Cleft lip/cleft palate craniofacial surgery ear malformations, including prominent ear and microtia ear molding craniosynostosis vascular malformations, including venous malformations, capillary malformations (port wine stain), lymphatic malformations, arterio-venous malformations hemangiomas neurofibromas adult and pediatric facial trauma polydactyly (extra fingers and/or toes) syndactyly (fusion of the fingers and/or toes) skin lesions (giant congenital nevus, cutis aplasia, nevus sebaceous) subcutaneous lesions (dermoid cysts, pilomatrixoma, etc)

Medical School: University of Texas Medical Branch at Galveston

Internship and Residency: Wake Forest University Area: Plastic and Reconstructive Surgery

Fellowship: University of North Carolina at Chapel Hill Area: Craniofacial Fellow, Plastic and Reconstructive Surgery

Bachelor of Science: University of North Texas Area: Biology

Certification: Plastic Surgery

UNC Plastic and Hand Surgery Clinic
101 Manning Drive
N.C. Women's Hospital
First Floor
Chapel Hill, NC 27514

Phone: (984) 974-4466
Fax: (919) 966-7743
Website: www.uncmedicalcenter.org/uncmc/care-treatment/plastic-reconstructive-surgery

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Elisabeth P. Dellon, MD, MPH

Professor; Medical Director, Children’s Supportive Care Team; Director, UNC Cystic Fibrosis Center

**Specialties:** Pediatric Palliative Care, Pediatric Pulmonology, Pediatric Transplantation

**Procedures and Research:** Cystic fibrosis in children and adults; lung transplantation; and other chronic lung disorders. My primary research interest is the impact of cystic fibrosis (CF) on quality of life throughout the lifespan, improvements in care for patients with advanced CF lung disease and decision-making about medical treatments for patients with CF.

**Special Interests:** My other research interests are pediatric palliative care and coordination of medical care for children with special health care needs

**Medical School:** University of Minnesota, Twin Cities

**Fellowship:** University of North Carolina at Chapel Hill

**Area:** Pediatric Pulmonology

**Master of Public Health:** University of North Carolina at Chapel Hill

**Area:** Epidemiology

**Certifications:** Internal Medicine, Pediatrics, Pediatrics-Hospice and Palliative Medicine, Pediatrics-Pediatric Pulmonology

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**Website:**
www.uncchildrens.org/uncmc/unc-childrens
Charles R. Esther Jr., MD, PhD

**Specialty:** Pediatric Pulmonology

**Procedures and Research:** Non-invasive biomarkers of cystic fibrosis and other lung diseases; atypical infections in cystic fibrosis; and pulmonary lymphangiectasia. My research interests concentrate on airway biomarkers, exhaled breath condensate, nontuberculous mycobacteria and respiratory infections in patients with cystic fibrosis (CF).

**Special Interests:** Cystic Fibrosis, Pulmonary Lymphangiectasia

**Medical School:** Emory University

**Residency:** University of North Carolina at Chapel Hill  
**Area:** Pediatrics

**Fellowship:** University of North Carolina at Chapel Hill  
**Area:** Pediatric Pulmonology

**Certifications:** Pediatrics, Pediatrics-Pediatric Pulmonology

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**NC State Park Scholars**

Children's Specialty Clinic, A Service of UNC Hospitals  
4414 Lake Boone Trail Suite 505  
Raleigh, NC 27607  
**Phone:** (984) 974-0500  
**Fax:** (984) 974-0506  
**Website:** www.uncchildrens.org

**UNC Hospitals Children's Specialty Clinic**

101 Manning Drive  
N.C. Children's Hospital  
Ground Floor  
Chapel Hill, NC 27514  
**Phone:** (984) 974-1401  
**Website:** www.uncchildrens.org/uncmc/unc-childrens
William Adam (Adam) Gower, MD, MS
Professor of Pediatrics

Specialty: Pediatric Pulmonology

Procedures and Research: Asthma, genetics, rare/diffuse/interstitial lung, pediatric flexible bronchoscopy

Special Interests: Asthma, genetics, rare/diffuse/interstitial lung disease

Medical School: University of North Carolina at Chapel Hill

Residency: Johns Hopkins University
Area: Pediatrics

Chief Residency: Johns Hopkins University
Area: Pediatrics

Fellowship: Johns Hopkins University
Area: Pediatric Pulmonology

Fellowship: Johns Hopkins University
Area: Pediatric Pulmonology

Master of Science: Wake Forest University
Area: Clinical and Population Transitional Science

Certifications: Pediatrics, Pediatrics-Pediatric Pulmonology

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Website: www.uncchildrens.org

For additional locations, please visit findadoc.unchealthcare.org.

James S. Hagood, MD
Professor

Specialty: Pediatric Pulmonology

Special Interests: Rare, interstitial and diffuse lung diseases

Medical School: University of North Carolina at Chapel Hill

Residency and Chief Residency: Vanderbilt University Medical Center
Area: Pediatrics

Fellowship: University of Alabama at Birmingham
Area: Pediatric Pulmonology

Certification: Pediatrics-Pediatric Pulmonology

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Website: www.uncchildrens.org/uncmc/unc-childrens
**Marianna M. Henry, MD, MPH**  
*Associate Professor of Pediatrics*

**Specialty:** Pediatric Pulmonology  
**Procedures and Research:** Cystic fibrosis and other chronic lung disorders; airway abnormalities; flexible bronchoscopy; and relationship of early childhood respiratory problems to later lung function.

**Medical School:** University of North Carolina at Chapel Hill  
**Internship:** Indiana University  
**Area:** Pediatrics  
**Residency:** Indiana University  
**Area:** Pediatrics  
**Residency:** University of North Carolina at Chapel Hill  
**Area:** Pediatrics  
**Fellowship:** University of North Carolina at Chapel Hill  
**Area:** Pediatric Pulmonology  
**Additional Education:** University of North Carolina at Chapel Hill  
**Certifications:** Pediatrics, Pediatrics-Pediatric Pulmonology

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**Margaret W. Leigh, MD**  
*Professor; Associate Director, UNC Cystic Fibrosis Center*

**Specialty:** Pediatric Pulmonology  
**Procedures and Research:** Pulmonary endoscopy; cystic fibrosis; and other chronic lung diseases.

**Medical School:** Eastern Virginia Medical School  
**Internship:** Children's Hospital of The King's Daughters  
**Area:** Pediatrics  
**Residency:** University of Kentucky  
**Area:** Pediatrics  
**Fellowship:** University of North Carolina at Chapel Hill  
**Area:** Pediatric Pulmonology  
**Certifications:** Pediatrics, Pediatrics-Pediatric Pulmonology
### Ceila E. Loughlin, MD

**Associate Professor of Pediatrics; Medical Director, N.C. Children's Allergy & Asthma Center**

<table>
<thead>
<tr>
<th>Specialty:</th>
<th>Pediatric Pulmonology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Procedures and Research:</strong></td>
<td>My research interests and activities include quality improvement, adherence and compliance, education and teaching.</td>
</tr>
<tr>
<td><strong>Special Interests:</strong></td>
<td>Asthma, chronic lung disease of prematurity, cystic fibrosis, airway anomalies, bronchoscopy.</td>
</tr>
<tr>
<td><strong>Medical School:</strong></td>
<td>University of Maryland, Baltimore</td>
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<tr>
<td><strong>Residency:</strong></td>
<td>Johns Hopkins University</td>
</tr>
<tr>
<td><strong>Area:</strong></td>
<td>Pediatrics</td>
</tr>
<tr>
<td><strong>Fellowship:</strong></td>
<td>University of North Carolina at Chapel Hill</td>
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<tr>
<td><strong>Area:</strong></td>
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</tr>
<tr>
<td><strong>Certifications:</strong></td>
<td>Pediatrics, Pediatrics-Pediatric Pulmonology</td>
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Suite 505
Raleigh, NC 27607

**Phone:** (984) 974-0500

**Fax:** (984) 974-0506

**Website:**
www.uncchildrens.org
Specialty: Pediatric Pulmonology

Procedures and Research: My research has focused on cystic fibrosis for many years. Within this a special point are infections (MRSA, anaerobic bacteria) spanning from children to adults. Areas include early onset inflammation in the lungs occurring as part of CF disease and markers of disease severity i.e. search and development of biomarkers.

Special Interests: Biomarkers of CF lung disease to detect and measure disease severity earlier and more sensitive than by lung function testing, and Microbiome i.e. the breath of bacteria in CF and non-CF.

Medical School: United States Licensing Medical Exam
Area: Primary: University of Vienna, Austria

Residency: Children's Hospital, Aarau
Area: Pediatrics

Residency: University Hospital Basel
Area: Pediatrics

Fellowship: University of North Carolina at Chapel Hill
Area: Pediatric Pulmonology

Certifications: Pediatrics, Pediatrics-Pediatric Pulmonology

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Nunnelee Pediatric Specialty Clinics
510 Carolina Bay Drive
Suite 200
Wilmington, NC 28403
Phone: (910) 662-8888
Fax: (910) 662-8905
Website: www.nhrmc.org/locations/nunlee-pediatric-specialty-clinics
**Terry L. Noah, MD**  
*Jacob A. Lohr, MD Distinguished Professor of Pediatrics; Vice Chair, Department of Pediatrics; Chief, Division of Pediatric Pulmonology*

**Specialties:** Pediatric Pulmonology, Pediatric Transplantation  
**Procedures and Research:** Working with collaborators at the UNC Center for Environmental Medicine, Asthma and Lung Biology. Develop a useful research model for translational studies investigating the effects of air pollutants on respiratory viral infections in human volunteers. This model became a core feature of two NIH R01 grants in collaboration with Dr. Ilona Jaspers. Other interests: Related research interests are in the pathophysiology of acute inhalational injuries. Effects of nutritional factors and obesity on virus infection.  
**Special Interests:** Respiratory viral infections. Environmental pollutant effects in the lung. Lung transplantation in children. Faculty development.  
**Medical School:** University of Michigan, Ann Arbor  
**Residency:** University of North Carolina at Chapel Hill  
**Area:** Pediatrics  
**Residency:** Yale-New Haven Hospital  
**Area:** Pediatrics  
**Fellowship:** University of North Carolina at Chapel Hill  
**Area:** Pediatric Pulmonology  
**Certifications:** Pediatrics, Pediatrics-Pediatric Pulmonology

---

**Cynthia A. Reilly, MS, CPNP**  
*Instructor*

**Specialty:** Pediatric Pulmonology  
**Procedures and Research:** Pediatric nurse practitioner.  
**Special Interests:** Tracheostomy care.  
**Additional Education:** Columbia University

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George Z. Retsch-Bogart, MD
Division of Pediatric Pulmonology; Professor of Pediatrics

**Specialty:** Pediatric Pulmonology

**Procedures and Research:** My research is focused on identifying the optimal therapies for eradication of newly acquired Pseudomonas aeruginosa infection in children with cystic fibrosis, as well as the factors which affect the acquisition of this bacteria and its persistence.

**Special Interests:** Other research includes NIH-sponsored airway modeling study with the computer modeling group and pediatric otolaryngology/head and neck surgery groups evaluating young children with congenital and acquired airway obstruction; and institutional support of clinical research conducted through the Clinical and Translational Research Center.

**Medical School:** University of Cincinnati

**Residency:** University of Minnesota Hospitals and Clinics

**Area:** Pediatrics

**Fellowship:** University of North Carolina at Chapel Hill

**Area:** Pediatric Pulmonology

**Certifications:** Pediatrics, Pediatrics-Pediatric Pulmonology

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Timothy J. Vece, MD
Associate Professor; Medical Director, N.C. Children's Airway Center

**Specialty:** Pediatric Pulmonology

**Medical School:** Ohio State University

**Residency:** Emory University

**Area:** Pediatrics

**Fellowship:** Baylor College of Medicine

**Area:** Pediatric Pulmonology

**Certifications:** Pediatrics, Pediatrics-Pediatric Pulmonology

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**Phone:** (984) 974-0500

**Fax:** (984) 974-0506

**Website:**
www.uncchildrens.org
Abigail Gilbert, MD
Assistant Professor of Medicine

Specialties: Pediatric Rheumatology, Rheumatology

Procedures and Research: Benefits of physical activity and exercise in individuals, arthritis and ways to help individuals be more physically active.

Special Interests: Evaluation and management of adults and children with rheumatologic conditions including inflammatory arthritis and autoimmune disorders.

Medical School: Vanderbilt University
Residency: Maine Medical Center
Area: Internal Medicine & Pediatrics
Fellowship: Northwestern University
Area: Adult & Pediatric Rheumatology
Master of Science: Northwestern University
Area: Clinical Investigation
Certifications: Internal Medicine, Internal Medicine-Rheumatology, Pediatrics, Pediatrics-Pediatric Rheumatology

Leonard Kenneth (Lenny) Kovalick, PNP
Pediatric Nurse Practitioner, Division of Allergy, Immunology and Rheumatology

Specialty: Pediatric Rheumatology

Bachelor of Science: Kutztown University
Area: Public Administration
Honors: Harrisburgh Internship Semester representative, Fall 2004

Master of Science: Wilkes University
Area: Professional Nursing
Honors: Sigma Theta Tau International Nursing Honor Society Inductee
Postgraduate: University of North Carolina at Chapel Hill
Area: Pediatric Nurse Practitioner
Certifications: Nursing-Pediatric Nurse, Nursing-Pediatric Primary Care Nurse Practitioner
### Leonard D. Stein, MD

**Professor**

**Specialty:** Pediatric Rheumatology

**Procedures and Research:** Juvenile rheumatoid arthritis/juvenile idiopathic arthritis; and pediatric rheumatology.

**Medical School:** Medical College of Georgia

**Residency:** University of Michigan, Ann Arbor  
**Area:** Pediatrics

**Fellowship:** Hospital for Sick Children  
**Area:** Immunology

**Fellowship:** University of Michigan, Ann Arbor  
**Area:** Rheumatology

**Certifications:** Pediatrics, Pediatrics

---

### Eveline Wu, MD

**Assistant Professor of Pediatrics**

**Specialties:** Pediatric Allergy and Immunology, Pediatric Rheumatology

**Procedures and Research:** Childhood allergic diseases, immunodeficiency, and general pediatric rheumatology.

**Medical School:** Mercer University

**Residency:** Vanderbilt University  
**Area:** Pediatrics

**Fellowship:** Duke University Medical Center  
**Area:** Allergy & Immunology and Pediatric Rheumatology

**Certifications:** Allergy and Immunology, Pediatrics, Pediatrics-Pediatric Rheumatology

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**Website:** www.uncchildrens.org
### Elisabeth P. Dellon, MD, MPH

**Professor; Medical Director, Children’s Supportive Care Team; Director, UNC Cystic Fibrosis Center**

#### Specialties
- Pediatric Palliative Care
- Pediatric Pulmonology
- Pediatric Transplantation

#### Procedures and Research
Cystic fibrosis in children and adults; lung transplantation; and other chronic lung disorders. My primary research interest is the impact of cystic fibrosis (CF) on quality of life throughout the lifespan, improvements in care for patients with advanced CF lung disease and decision-making about medical treatments for patients with CF.

#### Special Interests
My other research interests are pediatric palliative care and coordination of medical care for children with special health care needs.

#### Medical School
University of Minnesota, Twin Cities

#### Fellowship
University of North Carolina at Chapel Hill
- **Area:** Pediatric Pulmonology

#### Master of Public Health
University of North Carolina at Chapel Hill
- **Area:** Epidemiology

#### Certifications
- Internal Medicine
- Pediatrics
- Pediatrics-Hospice and Palliative Medicine
- Pediatrics-Pediatric Pulmonology

### UNC Hospitals Children’s Specialty Clinic
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- N.C. Children's Hospital
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- Chapel Hill, NC 27514

**Phone:** (984) 974-1401

**Website:** [www.uncchildrens.org/uncmc/unc-childrens](http://www.uncchildrens.org/uncmc/unc-childrens)
Specialties: Pediatric Gastroenterology, Pediatric Transplantation

Procedures and Research: Celiac disease, inflammatory bowel disease, liver disease, failure to thrive, short bowel syndrome, liver transplantation

Medical School: University of Toronto

Residency: Hospital for Sick Children
Area: Pediatrics

Residency: St. Michael's Hospital
Area: Medicine

Additional Education: Royal Alexandra Children's Hospital
Area: Pediatrics

Certifications: Pediatrics, Pediatrics-Pediatric Gastroenterology

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Website: www.uncchildrens.org
Terry L. Noah, MD

Jacob A. Lohr, MD
Distinguished Professor of Pediatrics; Vice Chair, Department of Pediatrics; Chief, Division of Pediatric Pulmonology

**Specialties:** Pediatric Pulmonology, Pediatric Transplantation

**Procedures and Research:** Working with collaborators at the UNC Center for Environmental Medicine, Asthma and Lung Biology. Develop a useful research model for translational studies investigating the effects of air pollutants on respiratory viral infections in human volunteers. This model became a core feature of two NIH R01 grants in collaboration with Dr. Ilona Jaspers. Other interests: Related research interests are in the pathophysiology of acute inhalational injuries. Effects of nutritional factors and obesity on virus infection.

**Special Interests:** Respiratory viral infections. Environmental pollutant effects in the lung. Lung transplantation in children. Faculty development.

**Medical School:** University of Michigan, Ann Arbor

**Residency:** University of North Carolina at Chapel Hill
**Area:** Pediatrics

**Residency:** Yale-New Haven Hospital
**Area:** Pediatrics

**Fellowship:** University of North Carolina at Chapel Hill
**Area:** Pediatric Pulmonology

**Certifications:** Pediatrics, Pediatrics-Pediatric Pulmonology

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### Jeyhan Wood, MD

**Assistant Professor of Surgery; Director of Craniofacial and Pediatric Plastic Surgery; Program Director Residency Program Plastics**

<table>
<thead>
<tr>
<th><strong>Specialties:</strong></th>
<th>Pediatric Plastic and Reconstructive Surgery, Plastic and Reconstructive Surgery</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Subspecialty:</strong></td>
<td>Pediatric Plastic and Reconstructive Surgery - Pediatric Craniofacial Surgery</td>
</tr>
<tr>
<td><strong>Procedures and Research:</strong></td>
<td>Cleft lip/cleft palate craniofacial surgery ear malformations, including prominent ear and microtia ear molding craniosynostosis vascular malformations, including venous malformations, capillary malformations (port wine stain), lymphatic malformations, arterio-venous malformations hemangiomas neurofibromas adult and pediatric facial trauma polydactyly (extra fingers and/or toes) syndactyly (fusion of the fingers and/or toes) skin lesions (giant congenital nevus, cutis aplasia, nevus sebaceous) subcutaneous lesions (dermoid cysts, pilomatrixoma, etc)</td>
</tr>
<tr>
<td><strong>Medical School:</strong></td>
<td>University of Texas Medical Branch at Galveston</td>
</tr>
</tbody>
</table>
| **Internship and Residency:** | Wake Forest University  
**Area:** Plastic and Reconstructive Surgery |
| **Fellowship:** | University of North Carolina at Chapel Hill  
**Area:** Craniofacial Fellow, Plastic and Reconstructive Surgery |
| **Bachelor of Science:** | University of North Texas  
**Area:** Biology |
| **Certification:** | Plastic Surgery |
| **UNC Plastic and Hand Surgery Clinic:** | 101 Manning Drive  
N.C. Women's Hospital  
First Floor  
Chapel Hill, NC  27514  
**Phone:** (984) 974-4466  
**Fax:** (919) 966-7743  
**Website:** www.uncmedicalcenter.org/uncmc/care-treatment/plastic-reconstructive-surgery |
| **UNC Hospitals Children's Specialty Clinic:** | 101 Manning Drive  
N.C. Children's Hospital  
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**Phone:** (984) 974-1401  
**Website:** www.uncchildrens.org/uncmc/unc-childrens |
Molly Berkoff, MD, MPH
Associate Professor; Medical Director, Child Medical Evaluation Program; Medical Director, Child Protection Team

**Specialties:** General Pediatrics and Adolescent Medicine, Primary Care

**Procedures and Research:** Child maltreatment and neglect; and general pediatrics.

**Medical School:** Columbia University

**Internship and Residency:** Yale-New Haven Children's Hospital
**Area:** Pediatrics

**Fellowship:** University of North Carolina at Chapel Hill
**Area:** Preventive Medicine

**Additional Education:** Columbia University

**Additional Education:** University of North Carolina at Chapel Hill

**Certifications:** Pediatrics, Pediatrics-Child Abuse Pediatrics

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**Phone:** (984) 974-1401
**Website:**
www.uncchildrens.org/uncmc/unc-childrens

**UNC Children's Primary Care Clinic**
1512 E. Franklin St.
Suite 100
Chapel Hill, NC 27514

**Phone:** (984) 974-6669
**Fax:** (984) 974-9609
**Website:**
www.uncchildrens.org/uncmc/unc-childrens/care-treatment/primary-care
Neal Arledge deJong, MD, MPH

Assistant Professor

**Specialties:** General Pediatrics and Adolescent Medicine, Pediatric Diagnostic and Complex Care, Primary Care

**Procedures and Research:**
Primary care research, health services research, care coordination for children with medical complexity

**Special Interests:**
Children (and families) with medical complexity

**Medical School:** Johns Hopkins University  
**Area:** Pediatrics

**Residency:** Johns Hopkins Hospital  
**Area:** Pediatrics

**Fellowship:** University of North Carolina Hospitals  
**Area:** Primary Care Research

**Certification:** Pediatrics

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Kori Flower, MD, MS, MPH  
*Associate Professor*

**Specialties:** General Pediatrics and Adolescent Medicine, Primary Care

**Procedures and Research:** Nexplanon insertion.

**Special Interests:** Quality improvement in children's health care and public health.

**Medical School:** University of California, San Francisco

**Certification:** Pediatrics

---

Kelly Kimple, MD, MPH  
*Assistant Professor*

**Specialties:** General Pediatrics and Adolescent Medicine, Primary Care

**Medical School:** University of North Carolina at Chapel Hill

**Residency:** University of North Carolina at Chapel Hill  
*Area: Preventive Medicine*

**Residency:** University of North Carolina Hospitals  
*Area: Pediatrics*

**Master of Public Health:** University of North Carolina at Chapel Hill

**Certification:** Pediatrics

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**Website:**  
www.uncchildrens.org/uncmc/unc-childrens/care-treatment/primary-care
Primary Care (cont.)

Michael J. Steiner, MD, MPH

Specialties: General Pediatrics and Adolescent Medicine, Pediatric Diagnostic and Complex Care, Primary Care

Procedures and Research: Primary care resident teaching; evidence-based practice; management of chronic diseases; gastroenteritis and dehydration.

Special Interests: General pediatrics and quality improvement.

Medical School: Temple University
Certifications: Internal Medicine, Pediatrics

UNC Hospitals Children's Specialty Clinic
101 Manning Drive
N.C. Children's Hospital
Ground Floor
Chapel Hill, NC 27514
Phone: (984) 974-1401
Website: www_uncchildrens_org_uncmc_une_mc_childrens

NC State Park Scholars Children's Specialty Clinic, A Service of UNC Hospitals
4414 Lake Boone Trail
Suite 505
Raleigh, NC 27607
Phone: (984) 974-0500
Fax: (984) 974-0506
Website: www_uncchildrens_org

For additional locations, please visit findadoc_unchealthcare_org.

Rehabilitation and Therapy - Speech-Language Pathology

Kristen (Krisi) Brackett, MS, SLP-CCC

Specialty: Rehabilitation and Therapy
Subspecialty: Rehabilitation and Therapy - Speech-Language Pathology
Special Interests: Pediatric feeding and swallowing
Bachelor of Arts: Indiana University
Area: Telecommunications
Master of Science: University of North Carolina at Chapel Hill
Area: Speech-Language Pathology
Certification: Speech-Language Pathology

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Website: www_uncchildrens_org_uncmc_une_mc_childrens
Abigail Gilbert, MD
Assistant Professor of Medicine

Specialties: Pediatric Rheumatology, Rheumatology

Procedures and Research: Benefits of physical activity and exercise in individuals, arthritis and ways to help individuals be more physically active.

Special Interests: Evaluation and management of adults and children with rheumatologic conditions including inflammatory arthritis and autoimmune disorders.

Medical School: Vanderbilt University
Residency: Maine Medical Center
Area: Internal Medicine & Pediatrics
Fellowship: Northwestern University
Area: Adult & Pediatric Rheumatology
Master of Science: Northwestern University
Area: Clinical Investigation
Certifications: Internal Medicine, Internal Medicine-Rheumatology, Pediatrics, Pediatrics-Pediatric Rheumatology

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UNC Hospitals Rheumatology Specialty Clinic
6013 Farrington Road
Suite 301
Chapel Hill, NC 27517
Phone: (984) 974-4191
Fax: (984) 974-2640
Website: www.uncmedicalcenter.org/uncmc/care-treatment/rheumatology
Sleep Medicine

Paul Richard Carney, MD  
Professor

Specialties: Neurology, Pediatric Neurology, Sleep Medicine  
Subspecialty: Neurology - Epilepsy  
Special Interests: Child neurology, epilepsy  
Medical School: Universidad de Valparaiso  
Honors: High Honors  
Internship and Residency: Case Western Reserve University  
Area: Pediatrics  
Residency: University of Michigan Health System  
Area: Neurology  
Fellowship: University of Michigan, Ann Arbor  
Area: Pediatric Neurology  
Fellowship: University of Michigan, Ann Arbor  
Area: Neurophysiology and Clinical Epilepsy  
Fellowship: University of Michigan, Ann Arbor  
Area: Clinical Sleep Disorders  
Research Fellowship: Universidad de Valparaiso  
Area: Neuroscience  
Certification: Psychiatry and Neurology-Neurology with Special Qualification in Child Neurology

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