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## Anesthesiology

### Jacob D. Acton, MD
**Assistant Professor**

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</tr>
</thead>
</table>

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### Kirsten L. Ashby, CRNA

<table>
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<tr>
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</tbody>
</table>

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|                     | Rocky Mount, NC 27804   |
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### Hemanth A. Baboolal, MD, FRCA
**Assistant Professor of Anesthesiology and Pediatrics**

<table>
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<th>Specialties</th>
<th>Anesthesiology, Pediatric Anesthesia</th>
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<td>Procedures and Research</td>
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<td>Special Interests</td>
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## Anesthesiology (cont.)

### Cassandra A. Bacasse, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist  

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### J Gregory Balfanz, MD

**Assistant Professor of Anesthesiology**

**Specialty:** Anesthesiology  
**Medical School:** University of Texas Health Science Center at Houston  
**Internship:** University of North Carolina at Chapel Hill  
**Residency:** University of North Carolina at Chapel Hill  
**Certification:** Anesthesiology  

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Brian P. Barrick, MD, DDS
Associate Professor of Anesthesiology

Specialty: Anesthesiology

Procedures and Research: Cardiothoracic and regional anesthesia.

Special Interests: Cardiothoracic anesthesiology and transesophageal echocardiography.

Medical School: University of North Carolina at Chapel Hill
Area: Dentistry

Medical School: Vanderbilt University

Internship: Vanderbilt University Medical Center

Residency: University of North Carolina Hospitals

Residency: Vanderbilt University Medical Center

Certifications: Anesthesiology, Echocardiography-Basic Perioperative Transesophageal Echocardiography

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Sarah M. Baughman, CRNA

Specialty: Anesthesiology

Master of Science: Yale University
Area: Nursing-Nurse Anesthetist

Certification: Nursing-Nurse Anesthetist

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Kesi Benjamin, CRNA

Specialty: Anesthesiology

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Area: Nursing-Nurse Anesthetist

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Jeffrey M. Berman, MD
Professor of Anesthesiology

Specialty: Anesthesiology

Procedures and Research: Anesthesia for general, pediatric, trauma and burn patients. Resuscitation medicine - cardiopulmonary resuscitation, trauma resuscitation, burn resuscitation.

Special Interests: Resuscitation medicine - cardiopulmonary resuscitation, trauma resuscitation, burn resuscitation. Airway management.

Medical School: University of Barcelona

Internship: University Hospital, Jacksonville
Area: Surgery

Residency: National Naval Medical Center
Area: Anesthesiology

Residency: University Hospital, Jacksonville
Area: Surgery

Fellowship: Children's National Medical Center
Area: Pediatric Anesthesiology

Fellowship: National Naval Medical Center
Area: Clinical Anesthesiology

Certification: Anesthesiology

Meena Bhatia, MD
Assistant Professor

Specialty: Anesthesiology

Medical School: George Washington University

Certification: Anesthesiology

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Anesthesiology (cont.)

Samuel Blacker, MD  
Assistant Professor of Anesthesiology

Specialty: Anesthesiology

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Kimberly R. Blasius, MD  
Assistant Professor of Anesthesiology and Pediatrics

Specialties: Anesthesiology, Pediatric Anesthesia

Procedures and Research: Pediatric anesthesiology, pediatric pain, pediatric sedation.

Special Interests: Human simulation teaching and education.

Medical School: State University of New York Upstate Medical University

Internship: Columbia University

Residency: Mount Sinai Hospital

Fellowship: University of North Carolina at Chapel Hill

Certification: Anesthesiology

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Kristin Blonk, CRNA

Specialty: Anesthesiology

Doctorate: Duke University

Area: Nursing-Nurse Anesthetist

Certification: Nursing-Nurse Anesthetist

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Anesthesiology (cont.)

Shana L. Boone, CRNA

Specialty: Anesthesiology
Master of Science: University of North Carolina at Greensboro
Area: Nursing-Nurse Anesthetist
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James W. Bowen, MD

Specialty: Anesthesiology
Medical School: Bowman Gray School of Medicine
Internship: North Carolina Baptist Hospital
Residency: West Virginia University
Area: Anesthesiology
Certification: Anesthesiology

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Jane Bowman, CRNA

Specialty: Anesthesiology
Master of Science: Wake Forest University
Area: Nursing-Nurse Anesthesia
Certification: Nursing-Nurse Anesthetist

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Anesthesiology (cont.)

Jenny M. Boyd, MD  
*Assistant Professor of Pediatrics and Anesthesiology*

**Specialties:** Anesthesiology, Pediatric Critical Care Medicine  
**Procedures and Research:** Anesthesiology and pediatric critical care.  
**Medical School:** University of Tennessee  
**Certification:** Pediatrics-Pediatric Critical Care Medicine  

---

Willard H. Branch Jr., CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** University of North Carolina at Charlotte  
**Area:** Nursing  
**Diploma:** Carolinas Medical Center  
**Area:** Nurse Anesthesia  

---

Suzanne Brewer, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthesia  
**Certification:** Nursing-Nurse Anesthetist  

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Ty L. Bullard, MD
Assistant Professor of Anesthesiology

**Specialty:** Anesthesiology  
**Medical School:** University of Texas Southwestern Medical Center  
**Internship:** Baylor University Medical Center at Dallas  
**Internship:** Parkland Memorial Hospital  
**Residency:** University of Texas Southwestern Medical Center  
**Area:** Anesthesiology and Pain Management  
**Certification:** Anesthesiology

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James G. Burke, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** University of Northern Colorado  
**Area:** Nursing  
**Diploma:** Montgomery Hospital  
**Area:** Nurse Anesthesia

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Joanne Rae Bussey, MSN, RN, BSN, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** Loyola University New Orleans  
**Area:** Nursing  
**Master of Science:** Southern Connecticut State University  
**Area:** CRNA  
**Certification:** Nursing-Nurse Anesthetist

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Anesthesiology (cont.)

Kathleen F. (Katie) Castle, MSN, CRNA

- **Specialty:** Anesthesiology
- **Bachelor of Science:** University of North Carolina at Chapel Hill
- **Area:** Nursing
- **Honors:** Honors
- **Master of Science:** University of North Carolina at Greensboro
- **Area:** Nurse Anesthesia
- **Certifications:** Nursing, Nursing-Nurse Anesthetist

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Brooke A. Chidgey, MD
**Assistant Professor of Anesthesiology**

- **Specialties:** Anesthesiology, Pain Management
- **Special Interests:** Interventional techniques for management of chronic pain, neuromodulation therapies, perioperative pain management, multimodal techniques for management of chronic pain
- **Medical School:** University of Texas Health Science Center at San Antonio
- **Residency:** University of North Carolina Hospitals
- **Fellowship:** Wake Forest University Baptist Medical Center
- **Certifications:** Anesthesiology, Anesthesiology-Pain Medicine

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### Katherine C. Clement, MD

**Associate Professor of Pediatrics and Anesthesiology**

- **Specialties:** Anesthesiology, Pediatric Critical Care Medicine
- **Procedures and Research:** Anesthesiology and pediatric critical care, Extracorporeal Life Support (ECLS).
- **Residency:** University of Virginia Health System  
  **Area:** Pediatrics
- **Fellowship:** University of Arkansas for Medical Sciences  
  **Area:** Pediatric Critical Care Medicine
- **Doctorate:** Eastern Virginia Medical School
- **Certifications:** Pediatrics, Pediatrics-Pediatric Critical Care Medicine

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### Kathryn W. Cobb, MD

**Clinical Instructor of Anesthesiology**

- **Specialty:** Anesthesiology
- **Special Interests:** Obstetric and ambulatory anesthesiology
- **Medical School:** University of Maryland, Baltimore
- **Internship:** University of North Carolina Hospitals
- **Residency:** University of North Carolina Hospitals

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**Website:** www.uncmedicalcenter.org

---

### Megan M. Conner, CRNA

**Specialty:** Anesthesiology

- **Medical School:** University of North Carolina at Greensboro  
  **Area:** Nursing-Nurse Anesthetist
- **Certification:** Nursing-Nurse Anesthetist

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**Website:** www.nhcs.org
### Randall F. Coombs, MD

**Associate Professor of Anesthesiology**

**Specialty:** Anesthesiology  
**Procedures and Research:** Regional anesthesia and difficult airway management.  
**Special Interests:** Regional anesthesia  
**Medical School:** University of Southern California  
**Internship:** Orange County Medical Center, California  
**Area:** Surgery  
**Residency:** University of Southern California  
**Area:** Anesthesiology  
**Certification:** Anesthesiology  

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**Website:** www.chathamhospital.org

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**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org

### Christopher M. Critzer, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** Old Dominion University  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist

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### Mary K. Crouse, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist

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Anesthesiology (cont.)

**Madeleine Deese, CRNA**

Specialty: Anesthesiology  
Master of Science: Westminster College  
Area: Nursing-Nurse Anesthetist  
Certification: Nursing-Nurse Anesthetist

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**Fran J. D'Ercole, MD**  
*Associate Professor of Anesthesiology*

Specialty: Anesthesiology  
Medical School: Medical College of Pennsylvania  
Internship: Eastern Virginia Medical School  
Residency: Duke University Medical Center  
Certification: Anesthesiology

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Website: www.chathamhospital.org

**Vishal Dhandha, MD**  
*Instructor of Anesthesiology*

Specialty: Anesthesiology  
Medical School: University of North Carolina at Chapel Hill

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### Stephen K. DiNardo, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** NYC Health + Hospitals/Kings County  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist  

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### Marisa Elek, MSN, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** Ursuline College  
**Area:** Nursing  
**Master of Science:** Case Western Reserve University  
**Area:** Nursing-Anesthesia  
**Certification:** Nursing-Nurse Anesthetist  

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### Kenneth Raynor Ellington, MD

**Specialty:** Anesthesiology  
**Medical School:** University of North Carolina at Chapel Hill  
**Internship:** University of Florida  
**Area:** Surgery  
**Residency:** University of Virginia Medical Center  
**Area:** Anesthesiology  
**Certification:** Anesthesiology  

**Pardee Hospital**  
800 N. Justice St.  
Hendersonville, NC 28791  
**Phone:** (828) 696-1000  
**Website:** [www.pardeehospital.org](http://www.pardeehospital.org)
Anesthesiology (cont.)

Julie C. Elms, CRNA

**Specialty:** Anesthesiology

**Master of Science:** Columbia University

**Area:** Nursing-Nurse Anesthetist

**Certification:** Nursing-Nurse Anesthetist

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Cam E. Enarson, MD, MBA

**Senior Vice President of Carolina Value, UNC Health Care; Interim President, Medical Foundation of North Carolina, Inc.; Interim Associate Dean for Development, UNC School of Medicine; Professor of Anesthesiology**

**Specialty:** Anesthesiology

**Procedures and Research:** Pre-operative evaluation of surgical patients

**Special Interests:** Medical education

**Medical School:** University of Alberta

**Residency:** University of Maryland Medical System

**Area:** Anesthesiology

**Residency:** Wilmington Medical Center

**Fellowship:** Penn State Hershey Medical Center

**Area:** Cardiothoracic Anesthesia and Intensive Care

**Master of Business Administration:** University of Pennsylvania

**Certification:** Anesthesiology

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Steven M. Falk, MD

**Specialty:** Anesthesiology

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

**Internship:** Hennepin County Medical Center

**Area:** Anesthesiology

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

**Area:** Anesthesiology

**Certification:** Anesthesiology

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### Steven Jeffrey Feinerman, MD

- **Specialty:** Anesthesiology  
- **Medical School:** Southwestern University  
- **Internship:** Jackson Memorial Hospital  
- **Residency:** Jackson Memorial Hospital  
- **Residency Area:** Internal Medicine/Pediatrics  
- **University:** University of South Florida  
- **Area:** General Pediatrics  
- **Certification:** Anesthesiology  

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### Fatima A. Fornah, CRNA

- **Specialty:** Anesthesiology  
- **Master of Science:** University of North Carolina at Greensboro  
- **Area:** Nursing-Nurse Anesthetist  
- **Certification:** Nursing-Nurse Anesthetist  

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### Andrea K. Fuller, MD

- **Specialty:** Anesthesiology  
- **Medical School:** Ohio State University  
- **Internship:** Riverside Methodist Hospital  
- **Residency:** Ohio State University Medical Center  
- **Area:** Anesthesiology  
- **Certification:** Anesthesiology  

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Anesthesiology (cont.)

William Gibson, CRNA

Specialty: Anesthesiology
Doctorate: University of Michigan-Flint
Area: Nurse Anesthesia
Certification: Nursing-Nurse Anesthetist

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Amy M. Goetzinger, PhD
Assistant Professor of Anesthesiology

Specialty: Anesthesiology
Special Interests: Cognitive behavioral therapy
Residency: Duke University Medical Center
Doctor of Philosophy: University of Missouri-Kansas City
Postdoctoral Fellowship: Duke University Medical Center

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(Chapel Hill)
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Fax: (984) 974-6793
Website: www.uncmedicalcenter.org/uncmc/care-treatment/pain-management

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## Anesthesiology

### Georgia L. Gray, MSN, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** North Carolina State University  
**Area:** Zoology  
**Bachelor of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** CRNA  
**Certifications:** Nursing-Nurse Anesthetist, Nursing-Registered Nurse

### Ralph Greene, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** St. Joseph Hospital School of Nurse Anesthesia  
**Area:** Nursing-Nurse Anesthesia  
**Certification:** Nursing-Nurse Anesthetist

### Amanda W. Greer, CRNA, MSNA, DNAP

**Specialty:** Anesthesiology  
**Bachelor of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Master of Science:** Virginia Commonwealth University  
**Area:** Nurse Anesthesia  
**Certification:** Nursing-Nurse Anesthetist
### Laurie Halweg, CRNA

<table>
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<tr>
<td>Master of Science:</td>
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### Paul R. Halweg, MD

*Assistant Professor*

<table>
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<th>Specialties:</th>
<th>Anesthesiology, Pediatric Anesthesia</th>
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<tr>
<td>Medical School:</td>
<td>Virginia Commonwealth University</td>
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<tr>
<td>Residency:</td>
<td>University of Pittsburgh Medical Center</td>
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<td>Fellowship:</td>
<td>University of North Carolina Hospitals</td>
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<tr>
<td>Certifications:</td>
<td>Anesthesiology, Anesthesiology-Pediatric Anesthesiology</td>
</tr>
</tbody>
</table>

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### Jacob Joseph Hansen, DO

<table>
<thead>
<tr>
<th>Specialty:</th>
<th>Anesthesiology</th>
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<tbody>
<tr>
<td>Medical School:</td>
<td>A.T. Still University, Missouri</td>
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<tr>
<td>Area:</td>
<td>Osteopathic Medicine</td>
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<td>Internship:</td>
<td>William Beaumont Army Medical Center</td>
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<td>Certification:</td>
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</tr>
</tbody>
</table>

**Pardee Hospital**
800 N. Justice St.
Hendersonville, NC 28791

**Phone:** (828) 696-1000
**Website:** www.pardeehospital.org
### H David Hardman, MD

**Professor**

**Specialty:** Anesthesiology

**Procedures and Research:** Peripheral nerve blocks. Acute pain management. Liver transplantation. Extended duration local anesthetic preparations.

**Special Interests:** Nerve injury after peripheral nerve blockade.

**Medical School:** University of Minnesota

**Internship:** St. Paul-Ramsey Medical Center

**Residency:** Duke University Medical Center

**Residency and Chief Residency:** Duke University Medical Center

**Fellowship:** Duke University Medical Center

**Certification:** Anesthesiology

---

### Anthony G. Harrelson, BS, MS, CRNA

**Specialty:** Anesthesiology

**Master of Science:** Academy of Sciences of Ukraine

**Area:** Nurse Anesthesia

**Certification:** Nursing-Nurse Anesthetist

**UNC Hospitals Hillsborough Campus**

430 Waterstone Drive

Hillsborough, NC 27278

**Phone:** (919) 595-5900

**Website:**

www.uncmedicalcenter.org/uncmc/hillsborough-campus

**UNC Hospitals**

101 Manning Drive

Chapel Hill, NC 27514

**Phone:** (984) 974-1000

**Website:**

www.uncmedicalcenter.org
Ethan J. Haz尔rigs, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist

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2460 Curtis Ellis Drive  
Rocky Mount, NC  27804  
**Phone:** (252) 962-8000  
**Website:** www.nhcs.org

Benjamin Heller, MD

Instructor of Anesthesiology

**Specialty:** Anesthesiology  
**Medical School:** University of Medicine and Dentistry of New Jersey

UNC Hospitals  
101 Manning Drive  
Chapel Hill, NC  27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org

Mark E. Henning, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** Medical College of Georgia  
**Certification:** Nursing-Nurse Anesthetist

UNC Lenoir Health Care  
100 Airport Road  
Kinston, NC  28501  
**Phone:** (252) 522-7000  
**Website:** www.unclenoir.org
### Caryn M. Hertz, MD
*Associate Professor of Anesthesiology*

**Specialty:** Anesthesiology  
**Procedures and Research:** Optimizing ambulatory care  
**Special Interests:** Ambulatory and outpatient surgery, Computer technology.  
**Medical School:** University of Rochester  
**Internship:** New England Deaconess Hospital  
**Residency:** Beth Israel Hospital  
**Residency:** University of North Carolina at Chapel Hill  
**Certification:** Anesthesiology

---

### James B. Hicks, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist

---

### Brandyce L. Hill, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist
### Thomas Hill, MD
**Associate Professor**

- **Specialty:** Anesthesiology  
- **Medical School:** Wake Forest University  
- **Chatham Hospital**  
  475 Progress Blvd.  
  Siler City, NC 27344  
  **Phone:** (919) 799-4000  
  **Website:** www.chathamhospital.org

### Steven T. Hobgood, MD

- **Specialty:** Anesthesiology  
- **Medical School:** East Carolina University  
- **Internship and Residency:** Duke University  
  **Area:** Anesthesiology  
- **Certification:** Anesthesiology  
- **Nash UNC Health Care**  
  2460 Curtis Ellis Drive  
  Rocky Mount, NC 27804  
  **Phone:** (252) 962-8000  
  **Website:** www.nhcs.org

### Leigh A. Hudnall, MD
**Assistant Professor of Anesthesiology and Medical Director of Perioperative Services at Chatham Hospital**

- **Specialty:** Anesthesiology  
- **Medical School:** University of Texas Medical School  
- **Internship:** Carilion Roanoke Memorial Hospital  
- **Residency:** Brigham and Women’s Hospital  
- **Residency:** Harbor-UCLA Medical Center  
- **Certification:** Anesthesiology  
- **Chatham Hospital**  
  475 Progress Blvd.  
  Siler City, NC 27344  
  **Phone:** (919) 799-4000  
  **Website:** www.chathamhospital.org

- **UNC Hospitals**  
  101 Manning Drive  
  Chapel Hill, NC 27514  
  **Phone:** (984) 974-1000  
  **Website:** www.uncmedicalcenter.org
## Anesthesiology (cont.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Specialty: Anesthesiology</th>
</tr>
</thead>
</table>
| **Amy R. Hueske, CRNA** | **Bachelor of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Bachelor of Science:** University of Virginia  
**Area:** Commerce and Economics  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Anesthesia  
**Certifications:** Nursing-Nurse Anesthetist, Nursing-Registered Nurse | **UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC  
27514  
**Phone:** (984) 974-1000  
**Website:** www.unchealthcare.org  
**Chatham Hospital**  
475 Progress Blvd.  
Siler City, NC  
27344  
**Phone:** (919) 799-4000  
**Website:** www.chathamhospital.org |
| **Arthur S. Hunsinger, CRNA** | **Postgraduate:** Geisinger Medical Center  
**Area:** Nurse Anesthesia | **UNC Lenoir Health Care**  
100 Airport Road  
Kinston, NC  
28501  
**Phone:** (252) 522-7000  
**Website:** www.unclenoir.org |
| **Ebi Igba, CRNA** | **Master of Science:** Case Western Reserve University  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist | **Nash UNC Health Care**  
2460 Curtis Ellis Drive  
Rocky Mount, NC  
27804  
**Phone:** (252) 962-8000  
**Website:** www.nhcs.org |
### Robert S. Isaak, DO

**Assistant Professor of Anesthesiology; Director, Anesthesiology Residency Simulation Program**

**Specialty:** Anesthesiology  
**Procedures and Research:**  
Liver transplant anesthesia, vascular anesthesia, regional anesthesia and ambulatory anesthesia  
**Special Interests:**  
Liver transplant anesthesia, vascular anesthesia, regional anesthesia, medical education, simulation in healthcare and enhanced recovery patient care pathways  
**Medical School:** Nova Southeastern University  
**Internship:** Vanderbilt University Medical Center  
**Residency:** Vanderbilt University Medical Center  
**Certifications:** Anesthesiology, Echocardiography-Basic  
Perioperative Transesophageal Echocardiography  

**UNC Hospitals**  
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Chapel Hill, NC 27514  
**Phone:** (984) 974-1000  
**Website:** [www.uncmedicalcenter.org](http://www.uncmedicalcenter.org)  

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**Phone:** (919) 799-4000  
**Website:** [www.chathamhospital.org](http://www.chathamhospital.org)  

---

### Richard Lee Jacobs II, MD

**Specialty:** Anesthesiology  
**Medical School:** University of Michigan, Ann Arbor  
**Internship:** Wilford Hall Medical Center  
**Residency:** Wilford Hall Medical Center  
**Certification:** Anesthesiology  

**Pardee Hospital**  
800 N. Justice St.  
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**Website:** [www.pardeehospital.org](http://www.pardeehospital.org)
Dominika L. James, MD  
Assistant Professor of Anesthesiology

Specialty: Anesthesiology  
Procedures and Research: Epidural steroid injections, facet injections, radiofrequency denervation, spinal cord stimulation. Chronic pain management in outpatient/inpatient settings. Neuraxial anesthesia in the perioperative setting. General anesthesia in the OR.  
Special Interests: Holistic approach to health and pain management.  
Medical School: Medical College of Georgia  
Internship: University of North Carolina at Chapel Hill  
Residency: University of North Carolina at Chapel Hill  
Fellowship: Duke University  
Certification: Anesthesiology

William Taylor Hill Jones, MD

Specialty: Anesthesiology  
Medical School: Medical University of South Carolina  
Internship: Spartanburg Medical Center  
Residency: Duke University Medical Center  
Certification: Anesthesiology

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Chapel Hill, NC  27514  
Phone: (984) 974-1000  
Website: www.uncmedicalcenter.org  
UNC Hospitals Pain Management Center (Chapel Hill)  
410 Market St.  
Southern Village Suite 362  
Chapel Hill, NC  27516  
Appointments: (984) 974-6688  
Fax: (984) 974-6793  
Website: www.uncmedicalcenter.org/uncmc/care-treatment/pain-management  

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800 N. Justice St.  
Hendersonville, NC  28791  
Phone: (828) 696-1000  
Website: www.pardeehospital.org

For additional locations, please visit findadoc.unchealthcare.org.
Anesthesiology (cont.)

Maryam Jowza, MD
Assistant Professor

**Specialties:** Anesthesiology, Pain Management, Pediatric Pain Management

**Special Interests:** Acute pain management, pediatric pain management, low back pain, disc herniation, radiculopathy, neuropathy, CRPS

**Medical School:** University of Medicine and Dentistry of New Jersey

**Internship:** Einstein Medical Center
**Area:** Internal Medicine

**Residency:** Massachusetts General Hospital
**Area:** Anesthesiology

**Fellowship:** Massachusetts General Hospital
**Area:** Pain Management

**Certifications:** Anesthesiology, Anesthesiology-Pain Medicine

---

Benny L. Joyner Jr., MD, MPH
Chief, Division of Pediatric Critical Care Medicine; Associate Professor of Pediatrics, Anesthesiology, and Social Medicine; Director, UNC Clinical Skills and Patient Simulation Center (CSPSC)

**Specialties:** Anesthesiology, Pediatric Critical Care Medicine

**Procedures and Research:** Airway inflammation in pediatric patients suffering from inhalation injury, human simulation, and team training.

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

**Residency and Chief Residency:** Children's Hospital at Montefiore
**Area:** Pediatrics

**Fellowship:** N.C. Women's Hospital and N.C. Children's Hospital
**Area:** Pediatric Critical Care Medicine

**Additional Education:** University of North Carolina

---

**UNC Hospitals**
101 Manning Drive
Chapel Hill, NC 27514

**Phone:** (984) 974-1000
**Website:** unchealthcare.org

**UNC Hospitals Pain Management Center (Chapel Hill)**
410 Market St.
Southern Village
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Chapel Hill, NC 27516

**Appointments:** (984) 974-6688
**Fax:** (984) 974-6793
**Website:** unchealthcare.org

For additional locations, please visit findadoc.unchealthcare.org.
Anesthesiology (cont.)

Judy Kane, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing  
**Certifications:** Nursing, Nursing-Nurse Anesthetist  
**UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC 27514  
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**Website:** www.uncmedicalcenter.org  
**UNC Hospitals Hillsborough Campus**  
430 Waterstone Drive  
Hillsborough, NC 27278  
**Phone:** (919) 595-5900  
**Website:** www.uncmedicalcenter.org/uncmc/hillsborough-campus

Myungsa Kang, MD  
*Assistant Professor of Anesthesiology*

**Specialty:** Anesthesiology  
**Medical School:** Albany Medical College  
**Internship:** Georgetown University Medical Center  
**Area:** General Surgery  
**Residency:** Stony Brook University Hospital  
**Area:** Anesthesiology  
**Certification:** Anesthesiology

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**UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC 27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org
Sharon T. Kapeluk, MD
Associate Professor of Anesthesiology

**Specialty:** Anesthesiology

**Procedures and Research:** Regional and ambulatory anesthesia.

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

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

**Residency:** University of North Carolina Hospitals

**Area:** Anesthesiology

**Certification:** Anesthesiology

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475 Progress Blvd.
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101 Manning Drive
Chapel Hill, NC 27514

**Phone:** (984) 974-1000

**Website:** www.uncmedicalcenter.org

Deborah S. Kernick, CRNA, BSN

**Specialty:** Anesthesiology

**Certification:** Nursing-Nurse Anesthetist

**UNC Hospitals**
101 Manning Drive
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**Phone:** (984) 974-1000

**Website:** www.uncmedicalcenter.org

Jamal A. Khrais, MSN, CRNA

**Specialty:** Anesthesiology

**Master of Science:** Winston-Salem State University

**Area:** Nursing

**Certification:** Nursing-Nurse Anesthetist

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430 Waterstone Drive
Hillsborough, NC 27278

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**Website:** www.uncmedicalcenter.org/unc mc/hillsborough-campus

**UNC Hospitals**
101 Manning Drive
Chapel Hill, NC 27514

**Phone:** (984) 974-1000

**Website:** www.uncmedicalcenter.org
<table>
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<th>Specialty</th>
<th>Master of Science</th>
<th>Area</th>
<th>Certification</th>
<th>Nash UNC Health Care</th>
<th>Phone</th>
<th>Website</th>
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<tbody>
<tr>
<td>Jimmy R. Kimball Jr., CRNA</td>
<td>Anesthesiology</td>
<td>University of North Carolina at Greensboro</td>
<td>Nursing-Nurse Anesthetist</td>
<td>Nursing-Nurse Anesthetist</td>
<td>2460 Curtis Ellis Drive</td>
<td>(252) 962-8000</td>
<td><a href="http://www.nhcs.org">www.nhcs.org</a></td>
</tr>
<tr>
<td>Angela L. Kinmann, CRNA</td>
<td>Anesthesiology</td>
<td>Duke University</td>
<td>Nursing-Nurse Anesthetist</td>
<td>Nursing-Nurse Anesthetist</td>
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<td><a href="http://www.nhcs.org">www.nhcs.org</a></td>
</tr>
<tr>
<td>Lavinia M. Kolarczyk, MD</td>
<td>Anesthesiology</td>
<td>Pennsylvania State University</td>
<td>Anesthesiology</td>
<td>Anesthesiology, Echocardiography-Basic, Perioperative Transesophageal Echocardiography</td>
<td>101 Manning Drive</td>
<td>(984) 974-1000</td>
<td><a href="http://www.uncmedicalcenter.org">www.uncmedicalcenter.org</a></td>
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<td>University of Pittsburgh Medical Center</td>
<td>Anesthesiology, Cardiothoracic Anesthesiology</td>
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<td>101 Manning Drive</td>
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<td>University of Pittsburgh Medical Center</td>
<td>Anesthesiology, Cardiothoracic Anesthesiology</td>
<td></td>
<td>101 Manning Drive</td>
<td></td>
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</tr>
</tbody>
</table>

Special Interests: Cardiothoracic anesthesia, transesophageal echocardiography
# Anesthesiology (cont.)

## James Krakowski, MD

**Specialty:** Anesthesiology

**UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC  27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org

---

## Priya A. Kumar, MD (MBBS)

**Clinical Professor, Anesthesiology**

**Specialty:** Anesthesiology

**Procedures and Research:** Cardi thoracic anesthesia & perioperative transesophageal echocardiography (TEE). PI-POISE 2 international clinical trial at UNC, PI-TEE simulation study. Multiple clinical research projects in collaboration with Outcomes Research & Duke University.

**Special Interests:** TEE simulation, TEE education, cardiac morbidity in non-cardiac surgery.

**Medical School:** University of Delhi

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

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

**Residency:** University of Delhi Associated Hospitals

**Fellowship:** Cleveland Clinic Foundation

**Certifications:** Anesthesiology, Echocardiography-Basic Perioperative Transesophageal Echocardiography

**UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC  27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org
Robert W. Kyle, DO
Associate Professor of Anesthesiology

**Specialty:** Anesthesiology

**Procedures and Research:** Cardithoracic anesthesia, transesophageal echocardiography (TEE), and general anesthesia.

**Medical School:** University of New England
**Area:** Osteopathic Medicine

**Residency:** Baystate Medical Center

**Residency:** Saint Vincent Hospital
**Area:** Internal Medicine. American Osteopathic Association Approved Rotating Internship

**Fellowship:** Brigham and Women's Hospital
**Area:** Cardiac Anesthesia

**Certifications:** Anesthesiology, Echocardiography-Advanced Perioperative Transesophageal Echocardiography, Echocardiography-Basic Perioperative Transesophageal Echocardiography

Mary K. Lambert, MSN, CRNA

**Specialty:** Anesthesiology

**Master of Science:** University of North Carolina at Greensboro
**Area:** Nurse Anesthesia

**Certification:** Nursing-Nurse Anesthetist

Marc L. Levi, MD
Associate Professor of Anesthesiology

**Specialty:** Anesthesiology

**Medical School:** Georgetown University

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

**Certification:** Anesthesiology
### Jeffrey A. Levy, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** East Carolina University  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist  
**Nash UNC Health Care**  
2460 Curtis Ellis Drive  
Rocky Mount, NC  27804  
**Phone:** (252) 962-8000  
**Website:** [www.nhcs.org](http://www.nhcs.org)

### Bradley Lewis, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** University of Tennessee School of Nursing  
**Area:** Nursing  
**Honors:** Cum Laude  
**Certification:** Nursing-Nurse Anesthetist  
**UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC  27514  
**Phone:** (984) 974-1000  
**Website:** [www.uncmedicalcenter.org](http://www.uncmedicalcenter.org)

### Lindsey T. Liles, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist  
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2460 Curtis Ellis Drive  
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**Phone:** (252) 962-8000  
**Website:** [www.nhcs.org](http://www.nhcs.org)
John J. Long, DO

**Specialty:** Anesthesiology  
**Medical School:** A.T. Still University, Missouri  
**Internship:** Des Peres Hospital  
**Residency:** Des Peres Hospital  
**Area:** Anesthesiology  
**Certification:** Anesthesiology

---

Julie A. Lowery, MS, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** University of San Francisco  
**Area:** Nursing  
**Honors:** Cum Laude  
**Master of Science:** California State University, Long Beach  
**Certification:** Nursing-Nurse Anesthetist

---

M. Concetta Lupa, MD

*Associate Professor of Anesthesiology and Pediatrics*

**Specialties:** Anesthesiology, Pediatric Anesthesia  
**Procedures and Research:** Procedures: Pediatric epidurals, pediatric caudal/caudal catheters, arterial lines, central lines, intubations and emergency airway management. Research: moderate and deep sedation  
**Special Interests:** Fellow and resident education, pediatric pain management, pediatric sedation, anesthesia for neonates, pediatric anesthesia  
**Medical School:** West Virginia University  
**Residency:** University of North Carolina Hospitals  
**Area:** Anesthesiology  
**Fellowship:** Children's Hospital of Pittsburgh of UPMC  
**Area:** Pediatric Anesthesia  
**Certifications:** Anesthesiology, Anesthesiology-Pediatric Anesthesiology
Anesthesiology (cont.)

Lynn F. Macksey, MSN, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of Pittsburgh  
**Honors:** Sigma Theta Tau  
**Certification:** Nursing-Nurse Anesthetist

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Chapel Hill, NC 27514  
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**Website:** www.uncmedicalcenter.org

Glenn E. MacNichol, MD

**Specialty:** Anesthesiology  
**Medical School:** Pennsylvania State University  
**Internship:** The York Hospital  
**Residency:** Hospital of the University of Pennsylvania  
**Area:** Anesthesiology  
**Fellowship:** Children's Hospital of Philadelphia  
**Area:** Pediatric Cardiac Anesthesiology  
**Certifications:** Anesthesiology, Interventional Pain Physicians

**Carolina Regional Orthopaedics at Rocky Mount**  
110 Patrick Court  
Rocky Mount, NC 27804  
**Phone:** (252) 443-0400  
**Fax:** (252) 443-0572  
**Website:** www.crortho.com  
**Carolina Regional Orthopaedics at Tarboro**  
2906 N. Main St.  
Tarboro, NC 27886  
**Phone:** (252) 823-7212  
**Fax:** (252) 823-5668  
**Website:** www.crortho.com

Connie S. Mangel, CRNA

**Specialty:** Anesthesiology  
**Postgraduate:** Raleigh School of Nurse Anesthesia

**UNC Lenoir Health Care**  
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Claire Cowen Manning Wallace, CRNA, MSN

**Specialty:** Anesthesiology  
**Bachelor of Science:** North Carolina State University  
**Area:** Biochemistry  
**Bachelor of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing  
**Certifications:** Nursing, Nursing-Nurse Anesthetist

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Susan M. Martinelli, MD  
associate Professor of Anesthesiology

**Specialty:** Anesthesiology  
**Procedures and Research:** Cardiothoracic anesthesia and transesophageal echocardiography  
**Special Interests:** Resident education and medical education research  
**Medical School:** University of Wisconsin-Madison  
**Residency:** University of North Carolina Hospitals  
**Fellowship:** Duke University  
**Certifications:** Anesthesiology, Echocardiography-Basic Perioperative Transesophageal Echocardiography

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Chapel Hill, NC 27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org

Tricia A. McGee, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** Duke University  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist

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**Phone:** (252) 962-8000  
**Website:** www.nhcs.org
Antonio M. McGuire, MD

**Specialty:** Anesthesiology  
**Medical School:** Mayo Clinic  
**Internship:** Virginia Commonwealth University  
**Residency:** Virginia Commonwealth University  
**Area:** Anesthesiology  
**Fellowship:** University of Florida  
**Area:** Acute Pain/Regional Anesthesiology  
**Certification:** Anesthesiology  

Sam A. McLean, MD, MPH

*Associate Professor of Anesthesiology and Emergency Medicine; Vice Chair, Research*

**Specialty:** Anesthesiology  
**Procedures and Research:** Mechanisms of acute and chronic pain development. To better understand the recovery process after trauma exposure, and develop effective secondary preventive interventions to improve post-traumatic outcomes.  
**Special Interests:** Creating an optimal departmental environment to promote resident, fellow, and attending research, and applying the science of performance improvement to create successful research and clinical care organizations  
**Medical School:** University of Michigan, Ann Arbor  
**Residency:** Boston Medical Center  
**Residency:** Massachusetts General Hospital  
**Certifications:** Emergency Medicine, Internal Medicine  

Nash UNC Health Care  
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**Website:** www.nhcs.org  

UNC Hospitals Emergency Department  
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N.C. Neurosciences Hospital Basement  
Chapel Hill, NC 27514  
**Phone:** (984) 974-4721  
**Website:** www.uncmedicalcenter.org/uncmc/care-treatment/emergency-care  

UNC Hospitals  
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Chapel Hill, NC 27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org
Peggy P. McNaul, MD
Associate Professor of Anesthesiology and Pediatrics

Specialties: Anesthesiology, Pediatric Anesthesia

Procedures and Research: Pediatric anesthesia and pediatric intensive care.

Special Interests: Pediatric cardiac anesthesia, pediatric sedation.

Medical School: Louisiana State University

Residency: University of North Carolina Hospitals
Area: Anesthesiology

Fellowship: Texas Children's Hospital
Area: Pediatric Cardiac Anesthesia

Fellowship: University of North Carolina Hospitals
Area: Pediatric Anesthesiology

Certification: Anesthesiology

Clair (Chip) Miller, MD
Associate Professor

Specialty: Anesthesiology

Medical School: Indiana University

Certifications: Anesthesiology, Echocardiography-Advanced Perioperative Transesophageal Echocardiography, Internal Medicine

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Jessica L. Molnar, MSN, CRNA

Specialty: Anesthesiology  
Bachelor of Science: Pennsylvania State University  
Area: Nursing  
Master of Science: University of North Carolina at Greensboro  
Area: Nursing  
Certification: Nursing-Nurse Anesthetist

Karla F. Moore, MSN, CRNA

Specialty: Anesthesiology  
Bachelor of Science: East Carolina University  
Area: Nursing  
Master of Science: University of North Carolina at Greensboro  
Area: Nursing  
Certification: Nursing-Nurse Anesthetist

Jamal J. Mosabbeh, CRNA

Specialty: Anesthesiology  
Master of Science: University of Kansas Medical Center  
Area: Nursing-Nurse Anesthetist  
Certification: Nursing-Nurse Anesthetist
## Bryant A. Murphy, MD

**Associate Professor of Anesthesiology**

<table>
<thead>
<tr>
<th>Specialty:</th>
<th>Anesthesiology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Special Interests:</strong></td>
<td>Cardiovascular and Thoracic Anesthesia, Anesthesia Business Development, Outpatient Anesthesia Services, Hospital Affiliations</td>
</tr>
<tr>
<td><strong>Medical School:</strong></td>
<td>Wake Forest University</td>
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<tr>
<td><strong>Internship:</strong></td>
<td>Wake Forest University Baptist Medical Center</td>
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<td><strong>Residency:</strong></td>
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<td><strong>Fellowship:</strong></td>
<td>Wake Forest University Baptist Medical Center</td>
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<tr>
<td><strong>Certifications:</strong></td>
<td>Anesthesiology, Echocardiography-Basic Perioperative Transesophageal Echocardiography</td>
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</tbody>
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## Matthew Murphy, CRNA

<table>
<thead>
<tr>
<th>Specialty:</th>
<th>Anesthesiology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Master of Science:</strong></td>
<td>Albany Medical College</td>
</tr>
<tr>
<td><strong>Area:</strong></td>
<td>Nursing-Nurse Anesthesiology</td>
</tr>
<tr>
<td><strong>Certification:</strong></td>
<td>Nursing-Nurse Anesthetist</td>
</tr>
</tbody>
</table>

---

## Monika Nanda, MBBS, MPH

**Assistant Professor of Anesthesiology**

<table>
<thead>
<tr>
<th>Specialty:</th>
<th>Anesthesiology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Procedures and Research:</strong></td>
<td>Regional anesthesia, acute pain, ambulatory anesthesia</td>
</tr>
<tr>
<td><strong>Medical School:</strong></td>
<td>Shyam Shah Medical College</td>
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<tr>
<td><strong>Internship:</strong></td>
<td>University of Iowa</td>
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<td><strong>Residency:</strong></td>
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</tr>
<tr>
<td><strong>Certification:</strong></td>
<td>Anesthesiology</td>
</tr>
</tbody>
</table>

---

*Chatham Hospital*

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**Phone:** (919) 799-4000

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**Website:**
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**Phone:** (984) 974-1000

**Website:**
www.uncmedicalcenter.org
### Anesthesiology (cont.)

**Kathryn W. Newman, CRNA**

<table>
<thead>
<tr>
<th>Specialty:</th>
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<tbody>
<tr>
<td>Master of Science:</td>
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<td>Certification:</td>
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</tbody>
</table>

- Nash UNC Health Care
  - 2460 Curtis Ellis Drive
  - Rocky Mount, NC 27804
  - Phone: (252) 962-8000
  - Website: www.nhcs.org

**Kimberley R. Nichols, MD**

*Assistant Professor of Anesthesiology*

<table>
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<tr>
<th>Specialty:</th>
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<tbody>
<tr>
<td>Procedures and Research:</td>
<td>Neuraxial anesthesia</td>
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<td>Special Interests:</td>
<td>General anesthesia, obstetric anesthesia, perioperative pain management</td>
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<td>Medical School:</td>
<td>University of North Carolina at Chapel Hill</td>
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<td>Residency and Chief Residency:</td>
<td>University of North Carolina Hospitals</td>
</tr>
<tr>
<td>Area:</td>
<td>Anesthesiology</td>
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<tr>
<td>Fellowship:</td>
<td>University of North Carolina Hospitals</td>
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<tr>
<td>Area:</td>
<td>Pain Management</td>
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</tr>
</tbody>
</table>

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  - Website: www.chathamhospital.org

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  - Website: www.uncmedicalcenter.org

**Laura Niday, MSN, CRNA**

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

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  - Phone: (984) 974-1000
  - Website: www.uncmedicalcenter.org
## Anesthesiology (cont.)

### Jorge Andres Orjuela, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** Miami Dade College, Medical Campus  
**Area:** Nursing  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthesia  
**Certification:** Nursing-Nurse Anesthetist

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**Website:** www.uncmedicalcenter.org

### Gregory Gene Pacentine, DO

**Specialty:** Anesthesiology  
**Medical School:** University of Osteopathic Medicine and Health Sciences  
**Internship:** Des Moines General Hospital  
**Residency:** Froedtert Memorial Lutheran Hospital  
**Area:** Anesthesiology  
**Certification:** Anesthesiology

**Pardee Hospital**  
800 N. Justice St.  
Hendersonville, NC 28791  
**Phone:** (828) 696-1000  
**Website:** www.pardeehospital.org

### Joshua Kane Paschke, DO

**Specialty:** Anesthesiology  
**Medical School:** Ohio University  
**Area:** Osteopathic Medicine  
**Internship:** OhioHealth Doctors Hospital  
**Residency:** Doctors Hospital, Columbus, GA  
**Area:** Anesthesiology  
**Certification:** Osteopathic Medicine-Anesthesiology

**Pardee Hospital**  
800 N. Justice St.  
Hendersonville, NC 28791  
**Phone:** (828) 696-1000  
**Website:** www.pardeehospital.org
### Anthony N. Passannante, MD  
*Professor of Anesthesiology, Executive Vice-Chair*

**Specialty:** Anesthesiology  

**Procedures and Research:** Liver transplant anesthesiology, anesthesia for vascular and aortic surgery.  

**Special Interests:** Operating room management, institutional quality assurance, maintenance of certification.  

**Medical School:** State University of New York Health Science Center at Syracuse  

**Residency:** University of North Carolina Hospitals  
**Area:** Internal Medicine  

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

**Chief Residency:** University of North Carolina Hospitals  

**Additional Education:** University of California, San Francisco  
**Area:** Liver Transplant Anesthesiology  

**Certifications:** Anesthesiology, Internal Medicine  

---

### Janey R. Phelps, MD  
*Assistant Professor of Anesthesiology and Pediatrics*

**Specialties:** Anesthesiology, Pediatric Anesthesia  

**Procedures and Research:** Pediatric anesthesia.  

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

**Residency:** Children's Hospital and Regional Medical Center  
**Area:** Pediatrics  

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

**Certifications:** Anesthesiology, Pediatrics  

---
Anesthesiology (cont.)

Afsaneh Pirzadeh, MD
Assistant Professor of Pediatrics and Anesthesiology

Specialties: Anesthesiology, Pediatric Critical Care Medicine
Medical School: University of North Carolina at Chapel Hill

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Website: www.uncmedicalcenter.org

Sara L. Pittenger, MD
Assistant Professor of Anesthesiology and Pediatrics; Assistant Division Chief of Pediatric Anesthesiology

Specialties: Anesthesiology, Pediatric Anesthesia
Procedures and Research: Pediatric sedation modalities, invasive cardiac monitoring devices, anesthetic utilization in offsite locations
Special Interests: Pediatric cardiac anesthesia, pediatric sedation and pain management
Medical School: Northwestern University
Internship: Saint Francis Hospital
Residency: University of Chicago Medical Center
Area: Anesthesiology
Fellowship: University of Chicago Medical Center
Area: Pediatric Anesthesiology
Certification: Anesthesiology

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101 Manning Drive
Chapel Hill, NC 27514
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Website: www.uncmedicalcenter.org
Ravindra V. Prasad, MD

**Specialty:** Anesthesiology

**Procedures and Research:** Regional, vascular, and liver transplant anesthesia.

**Special Interests:** Liver transplant; regional, vascular, and orthopediatric anesthesia.

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

**Internship:** Greenville Hospital System

**Area:** Transitional

**Residency:** University of North Carolina Hospitals

**Area:** Anesthesiology

**Certification:** Anesthesiology

---

Rodney Pugh, MD

**Specialty:** Anesthesiology

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

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

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

**Certification:** Anesthesiology

---

Garry Rains, MD

**Specialty:** Anesthesiology

**Medical School:** Ohio State University

**Certification:** Anesthesiology

---

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**Website:** www.pardeehospital.org

---

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**Phone:** (252) 522-7000

**Website:** www.unclenoir.org
### Carly A. Raynor, MSN, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Master of Science:** University of North Carolina  
**Area:** Nurse Anesthesia  
**Honors:** Agatha Hodgkins  
**Certifications:** Nursing-Nurse Anesthetist, Nursing-Registered Nurse

### Robin O. Reavis, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Science:** East Carolina University  
**Area:** Nursing  
**Master of Science:** East Carolina University  
**Area:** Nurse Anesthesiology  
**Certification:** Nursing-Nurse Anesthetist

### Karene J. Ricketts, MD  
*Assistant Professor of Anesthesiology and Pediatrics*

**Specialties:** Anesthesiology, Pediatric Anesthesia  
**Procedures and Research:** Pediatric anesthesia.  
**Medical School:** University of Wisconsin-Madison  
**Residency:** University of Wisconsin-Madison  
**Fellowship:** Children's Hospital of Wisconsin  
**Certification:** Anesthesiology
### Anesthesiology (cont.)

<table>
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<tr>
<th>Name</th>
<th>Specialty</th>
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<th>Residency</th>
<th>Certification</th>
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<th>Website</th>
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</table>
| Joseph E. Roberts, MD | Anesthesiology  | Bowman Gray School of Medicine           | North Carolina Baptist Hospital | Virginia Commonwealth University | Anesthesiology         | Nash UNC Health Care
2460 Curtis Ellis Drive
Rocky Mount, NC 27804 | (252) 962-8000  | www.nhcs.org                              |
| Matthew B. Rogers, CRNA| Anesthesiology  | Duke University                          | Nurse Anesthesia                |                               | Nursing-Nurse Anesthetist | UNC Hospitals
101 Manning Drive
Chapel Hill, NC 27514 | (984) 974-1000  | www.uncmedicalcenter.org                 |
| Renee Rosiek, BSN, MSN, FNP | Anesthesiology | Duke University                          | Nurse Anesthesia                | Crissman Family Practice      | Nursing-Family Nurse Practitioner | UNC Hospitals
101 Manning Drive
Chapel Hill, NC 27514 | (984) 974-1000  | www.uncmedicalcenter.org                 |
Elizabeth Ross, MD  
*MD*

**Specialty:** Anesthesiology  

**UNC Hospitals**
101 Manning Drive  
Chapel Hill, NC  27514

**Phone:** (984) 974-1000  
**Website:**  
www.uncmedicalcenter.org

---

Justin L. Rountree, MD  
*Assistant Professor of Anesthesiology*

**Specialty:** Anesthesiology

**Procedures and Research:** Epidural steroid, Intra-articular joint, Sacroiliac joint and Trigger point injections. Facet/medial branch blocks. Radio frequency ablation. Sympathetic and peripheral nerve blocks. Spinal cord stimulator trials and implants. General anesthesia.

**Special Interests:** Neuromodulation therapy - spinal cord stimulators. Non-opiate pain management.

**Medical School:** Medical College of Georgia  

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

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

**Certification:** Anesthesiology

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Chapel Hill, NC  27514

**Phone:** (984) 974-1000  
**Website:**  
www.uncmedicalcenter.org

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

---

Monica L. Seaman, CRNA

**Specialty:** Anesthesiology

**Master of Science:** Central Connecticut State University  
**Area:** Nursing-Nurse Anesthetist

**Certification:** Nursing-Nurse Anesthetist

**Nash UNC Health Care**
2460 Curtis Ellis Drive  
Rocky Mount, NC  27804

**Phone:** (252) 962-8000  
**Website:**  
www.nhcs.org
Ricardo A. Serrano Donado  
**Assistant Professor of Anesthesiology and Obstetrics**

**Specialty:** Anesthesiology  

**Procedures and Research:** Airway management; medical education: interactive original multimedia presentations; ultrasound guided regional anesthesia; perioperative medicine.  

**Special Interests:** Medical education. Medical technology. Airway management. Regional anesthesia.  

**Medical School:** Universidad del Norte  

**Residency:** Boston Medical Center  

**Residency:** Geisinger Medical Center  

**Certification:** Anesthesiology

---

Jaclyn B. Shipley, MSN, CRNA  

**Specialty:** Anesthesiology

**Bachelor of Science:** University of North Carolina at Chapel Hill  

**Area:** Nursing  

**Bachelor of Science:** Virginia Tech  

**Area:** Business Information Technology  

**Master of Science:** University of North Carolina at Greensboro  

**Area:** Nurse Anesthesia  

**Certifications:** Nursing-Nurse Anesthetist, Nursing-Registered Nurse

---

**UNC Hospitals**  

101 Manning Drive  

Chapel Hill, NC 27514  

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**Website:** www.uncmedicalcenter.org

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**UNC Hospitals**  

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Chapel Hill, NC 27514  

**Phone:** (984) 974-1000  

**Website:** www.uncmedicalcenter.org
Anesthesiology (cont.)

Robert S. Silvers II, CRNA, MSNA

**Specialty:** Anesthesiology  
**Master of Science:** Virginia Commonwealth University  
**Area:** Nurse Anesthesiology  
**Certification:** Nursing-Nurse Anesthetist  

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101 Manning Drive  
Chapel Hill, NC 27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmemricalcenter.org

**Chatham Hospital**  
475 Progress Blvd.  
Siler City, NC 27344  
**Phone:** (919) 799-4000  
**Website:** www.chathamhospital.org

---

John Patrick Simons, DO

**Specialty:** Anesthesiology  
**Medical School:** University of North Texas Health Science Center  
**Internship:** Millcreek Community Hospital  
**Residency:** Medical College of Wisconsin Affiliated Hospitals  
**Area:** Anesthesiology  
**Residency:** Mercy Medical Center, Iowa  
**Area:** General Surgery  
**Certification:** Anesthesiology  

**Pardee Hospital**  
800 N. Justice St.  
Hendersonville, NC 28791  
**Phone:** (828) 696-1000  
**Website:** www.pardeehospital.org

---

Bianca C. Sink, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** University of North Carolina at Greensboro  
**Area:** Nursing-Nurse Anesthetist  
**Certification:** Nursing-Nurse Anesthetist  

**Nash UNC Health Care**  
2460 Curtis Ellis Drive  
Rocky Mount, NC 27804  
**Phone:** (252) 962-8000  
**Website:** www.nhcs.org
## Anesthesiology (cont.)

### Adam C. Smith, MSN, CRNA

**Specialty:** Anesthesiology  
**Bachelor of Business Administration:** Hardin-Simmons University  
**Area:** Economics  
**Bachelor of Science:** University of North Carolina at Chapel Hill  
**Area:** Nursing  
**Master of Science:** Duke University  
**Area:** Nurse Anesthesia  
**Certification:** Nursing-Nurse Anesthetist  

### Kathleen A. Smith, MD  
**Assistant Professor of Anesthesiology**

**Specialty:** Anesthesiology  
**Procedures and Research:** Obstetric anesthesia  
**Special Interests:** High risk OB  
**Medical School:** University of Florida  
**Internship:** University of North Carolina at Chapel Hill  
**Residency:** University of North Carolina Hospitals  
**Certification:** Anesthesiology  

---

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101 Manning Drive  
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**Website:** www.uncmedicalcenter.org

**UNC Hospitals Hillsborough Campus**  
430 Waterstone Drive  
Hillsborough, NC 27278  
**Phone:** (919) 595-5900  
**Website:** www.uncmedicalcenter.org/uncmc/hillsborough-campus

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**Phone:** (919) 799-4000  
**Website:** www.chathamhospital.org

**UNC Hospitals**  
101 Manning Drive  
Chapel Hill, NC 27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org
Rebecca Smith, MD
Assistant Professor of Pediatrics and Anesthesiology

Specialties: Anesthesiology, Pediatric Critical Care Medicine
Special Interests: Traumatic brain injury, palliative care, transport medicine
Medical School: Drexel University
Residency: University of North Carolina at Chapel Hill
Area: Pediatrics
Chief Residency: University of North Carolina at Chapel Hill
Area: Pediatrics
Fellowship: Children's Hospital of Philadelphia
Certifications: Pediatrics, Pediatrics-Pediatric Critical Care Medicine

Shirley S. Sopko, MSN, CRNA

Specialty: Anesthesiology
Bachelor of Science: Bowling Green State University
Area: Nursing
Master of Science: University of Akron
Area: Nurse Anesthesia
Honors: Sigma Theta Tau
Certification: Nursing-Nurse Anesthetist

Christi Sorrells, CRNA

Specialty: Anesthesiology
Master of Science: University of North Carolina at Greensboro
Area: Nursing-Nurse Anesthesia
Certification: Nursing-Nurse Anesthetist

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Website: www.uncmedicalcenter.org

UNC Rockingham Health Care
117 E. Kings Highway
Eden, NC 27288
Phone: (336) 623-9711
Website: www.uncrockingham.org
Katherine St. Romain, MD

Specialty: Anesthesiology
Medical School: University of Oklahoma

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101 Manning Drive
Chapel Hill, NC 27514
Phone: (984) 974-1000
Website: www.uncmedicalcenter.org

Sally G. Stander, MD
Clinical Instructor of Anesthesiology

Specialty: Anesthesiology
Procedures and Research: Peripheral nerve blocks and neuraxial anesthesia.
Special Interests: Regional and ambulatory anesthesia.
Medical School: Virginia Commonwealth University
Internship and Residency: University of North Carolina Hospitals
Residency: University of North Carolina Hospitals
Certification: Anesthesiology

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101 Manning Drive
Chapel Hill, NC 27514
Phone: (984) 974-1000
Website: www.uncmedicalcenter.org

Adam M. Suchar, MD
Assistant Professor of Anesthesiology and Pediatrics

Specialties: Anesthesiology, Pediatric Anesthesia
Medical School: University of Chicago
Residency: University of North Carolina Hospitals
Area: General Surgery
Residency: University of North Carolina Hospitals
Area: Anesthesiology
Fellowship: Cincinnati Children's Hospital Medical Center
Area: Pediatric Anesthesiology
Certification: Anesthesiology

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Website: www.uncmedicalcenter.org
Anesthesiology (cont.)

Lili E. Teleki, MSN, CRNA, BSN

Specialty: Anesthesiology
Master of Science: University of North Carolina at Greensboro
Area: Anesthesia
Certification: Nursing-Nurse Anesthetist

UNC Hospitals
101 Manning Drive
Chapel Hill, NC  27514
Phone: (984) 974-1000
Website: www.uncmedicalcenter.org

Lynn B. Tran, MSN, CRNA

Specialty: Anesthesiology
Master of Science: Duke University
Area: Nursing
Certification: Nursing-Nurse Anesthetist

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Website: www.uncmedicalcenter.org

James Tylke, MD

Specialty: Anesthesiology
Medical School: Medical College of Wisconsin
Internship: Evanston Hospital
Residency: Medical College of Wisconsin
### Shelley Walter, CRNA

**Specialty:** Anesthesiology  
**Master of Science:** Academy of Sciences of Ukraine  
**Area:** Anesthesia  
**Certification:** Anesthesiology

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**Website:** [www.uncmedicalcenter.org](http://www.uncmedicalcenter.org)

---

### Nancy C. Wilkes, MD

*Professor of Anesthesiology*

**Specialty:** Anesthesiology  
**Procedures and Research:** Anesthesia for ambulatory surgery and general clinical anesthesia.  
**Special Interests:** Ambulatory anesthesia.  
**Medical School:** University of Tennessee  
**Medical School:** University of Tennessee Health Science Center, Memphis  
**Internship:** University of Tennessee Memorial Research Center and Hospital  
**Area:** Transitional  
**Residency:** University of North Carolina Hospitals  
**Area:** Anesthesiology  
**Additional Education:** Columbia State College  
**Additional Education:** University of Tennessee School of Nursing  
**Certification:** Anesthesiology

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**Website:** [www.uncmedicalcenter.org](http://www.uncmedicalcenter.org)

---

### Angela P. Williams, CRNA

**Specialty:** Anesthesiology  
**Postgraduate:** Raleigh School of Nurse Anesthesia

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Kinston, NC  28501  
**Phone:** (252) 522-7000  
**Website:** [www.unclenoir.org](http://www.unclenoir.org)
Anesthesiology (cont.)

James H. Williams, MD, PhD
Assistant Professor of Anesthesiology and Division Chief of Neuroanesthesiology

**Specialty:** Anesthesiology  
**Procedures and Research:** All procedures for clinical anesthesiology  
**Special Interests:** Anesthesia for neurosurgery

**Medical School:** University of California, San Diego  
**Internship:** University of California, San Diego  
**Residency:** Massachusetts General Hospital  
**Certification:** Anesthesiology

---

Wendell Zee, MD

**Specialty:** Anesthesiology

**Medical School:** University of Kansas, Kansas City  
**Certification:** Anesthesiology

---

David A. Zvara, MD, FAHA
Professor and Chair, Department of Anesthesiology; Chief Operating Officer, UNC Faculty Physicians

**Specialty:** Anesthesiology

**Procedures and Research:** General anesthesia, cardiac anesthesiology, perioperative echocardiography.  
**Special Interests:** Healthcare administration, medical education, cardiac physiology.

**Medical School:** Ohio State University  
**Internship:** Ohio State University  
**Residency:** Ohio State University  
**Chief Residency:** Ohio State University  
**Certifications:** Anesthesiology, Echocardiography-Basic Perioperative Transesophageal Echocardiography

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Cynthia L. Boortz-Marx, CRNA, MS Anesthesiology
CRNA, M.S. Instructor

**Specialty:** Anesthesiology

**Subspecialty:** Anesthesiology - Ambulatory Anesthesia

**Master of Science:** Academy of Sciences of Ukraine
**Area:** Anesthesiology
**Honors:** Agatha Hodgins Award
**Certification:** Nursing-Nurse Anesthetist

---

Harendra Arora, MBBS
Professor of Anesthesiology

**Specialty:** Anesthesiology

**Subspecialty:** Anesthesiology - Cardiothoracic Anesthesia

**Procedures and Research:** Cardiothoracic, liver transplantation and vascular anesthesia.

**Medical School:** Maulana Azad Medical College

**Internship:** Maulana Azad Medical College

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

**Residency:** University of Delhi

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

**Certifications:** Anesthesiology, Echocardiography-Basic Perioperative Transesophageal Echocardiography
Anesthesiology - Cardiothoracic Anesthesia (cont.)

Mark E. Henry, MD
Assistant Professor

Specialty: Anesthesiology
Subspecialties: Anesthesiology - Cardiothoracic Anesthesia, Anesthesiology - Critical Care Medicine
Special Interests: Undergraduate and graduate medical education

Medical School: Harvard University
Residency: Medical University of South Carolina
Area: Anesthesiology
Fellowship: Vanderbilt University
Area: Critical Care Anesthesia
Fellowship: Vanderbilt University
Area: Cardiothoracic Anesthesiology
Bachelor of Science: Yale University
Area: Molecular, Cellular and Developmental Biology

Certifications: Anesthesiology, Anesthesiology-Critical Care Medicine

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Anesthesiology - Critical Care Medicine

Mark E. Henry, MD
Assistant Professor

Specialty: Anesthesiology
Subspecialties: Anesthesiology - Cardiothoracic Anesthesia, Anesthesiology - Critical Care Medicine
Special Interests: Undergraduate and graduate medical education

Medical School: Harvard University
Residency: Medical University of South Carolina
Area: Anesthesiology
Fellowship: Vanderbilt University
Area: Critical Care Anesthesia
Fellowship: Vanderbilt University
Area: Cardiothoracic Anesthesiology
Bachelor of Science: Yale University
Area: Molecular, Cellular and Developmental Biology

Certifications: Anesthesiology, Anesthesiology-Critical Care Medicine

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Phone: (984) 974-1000
Website: www.uncmedicalcenter.org
Jennifer Allan, MD

**Specialty:** Anesthesiology  
**Subspecialty:** Anesthesiology - General Anesthesia  
**Medical School:** University of North Carolina at Chapel Hill  
**Certification:** Anesthesiology  

---

Marc Caruana, MSN, CRNA

*Chief Nurse Anesthetist*

**Specialty:** Anesthesiology  
**Subspecialty:** Anesthesiology - General Anesthesia  
**Master of Science:** Case Western Reserve University  
**Area:** Adult Health Nursing  
**Certifications:** Nursing, Nursing-Nurse Anesthetist  

---

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**UNC Hospitals Hillsborough Campus**  
430 Waterstone Drive  
Hillsborough, NC 27278  
**Phone:** (919) 595-5900  
**Website:** www.uncmedicalcenter.org/uncmc/hillsborough-campus
Anesthesiology - General Anesthesia (cont.)

Andrew Lobonc, MD  
*Clinical Assistant Professor*

**Specialty:** Anesthesiology  
**Subspecialty:** Anesthesiology - General Anesthesia

**UNC Hospitals**  
101 Manning Drive  
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**Phone:** (984) 974-1000  
**Website:**  
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**UNC Hospitals Pain Management Center (Chapel Hill)**  
410 Market St.  
Southern Village  
Suite 362  
Chapel Hill, NC  27516

**Appointments:** (984) 974-6688  
**Fax:** (984) 974-6793  
**Website:**  
www.uncmedicalcenter.org/unc mc/care-treatment/pain-management

Matthew Mauck, MD  
*Assistant Professor*

**Specialties:** Anesthesiology, Pain Management  
**Subspecialty:** Anesthesiology - General Anesthesia

**Chatham Hospital**  
475 Progress Blvd.  
Siler City, NC  27344

**Phone:** (919) 799-4000  
**Website:**  
www.chathamhospital.org

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101 Manning Drive  
Chapel Hill, NC  27514

**Phone:** (984) 974-1000  
**Website:**  
www.uncmedicalcenter.org

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Anesthesiology - General Anesthesia (cont.)

Matthew McDaniel, MD
Assistant Professor

Specialties: Anesthesiology, Pediatric Anesthesia
Subspecialty: Anesthesiology - General Anesthesia
Medical School: University of North Carolina at Chapel Hill

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Phone: (984) 974-1000
Website: www.uncmedicalcenter.org

Christine McKenzie, MD
Clinical Assistant Professor

Specialty: Anesthesiology
Subspecialty: Anesthesiology - General Anesthesia
Medical School: University at Buffalo

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Phone: (984) 974-1000
Website: www.uncmedicalcenter.org

Daniel McMillan, MD
Instructor

Specialty: Anesthesiology
Subspecialty: Anesthesiology - General Anesthesia
Medical School: University of North Carolina at Chapel Hill
Internship: University of North Carolina at Chapel Hill
Area: Surgery

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Anesthesiology - General Anesthesia (cont.)

Cody Rowan, MD
Assistant Professor

Specialty: Anesthesiology
Subspecialty: Anesthesiology - General Anesthesia
Medical School: Medical College of Georgia
Certification: Anesthesiology

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Jay Schoenherr, MD
Clinical Instructor of Anesthesiology

Specialty: Anesthesiology
Subspecialty: Anesthesiology - General Anesthesia
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Phone: (984) 974-1000
Website: www.uncmedicalcenter.org

Marwa Sidani, MD
Assistant Professor of Anesthesiology

Specialty: Anesthesiology
Subspecialty: Anesthesiology - General Anesthesia
Medical School: American University of Beirut
Internship: American University of Beirut
Area: Obstetrics and Gynecology
Internship: Brookdale University Hospital
Area: Surgery
Residency: American University of Beirut
Area: Anesthesiology
Residency: State University of New York Upstate Medical University
Area: Anesthesiology
Fellowship: Women and Children’s Hospital of Buffalo
Area: Pediatric Anesthesiology
Fellowship: Women and Children’s Hospital of Buffalo
Area: Obstetric Anesthesiology

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Anesthesiology - General Anesthesia (cont.)

**Emily Teeter, MD**  
*Assistant Professor of Anesthesiology*

- **Specialty:** Anesthesiology  
- **Subspecialty:** Anesthesiology - General Anesthesia  
- **Medical School:** University of Virginia  
- **Residency:** University of North Carolina Hospitals  
  - **Area:** Anesthesiology  
- **Fellowship:** Duke University Medical Center  
  - **Area:** Anesthesiology  
- **Certifications:** Anesthesiology, Echocardiography-Advanced Perioperative Transesophageal Echocardiography

**Robb Wasserman, MD**  
*Assistant Professor of Anesthesiology*

- **Specialty:** Anesthesiology  
- **Subspecialty:** Anesthesiology - General Anesthesia  
- **Medical School:** University at Buffalo  
- **Internship:** University of Michigan Health System  
- **Residency:** University of Michigan Health System  
  - **Area:** Anesthesiology

**Benjamin Cobb, MD**  
*Clinical Assistant Professor*

- **Specialty:** Anesthesiology  
- **Subspecialty:** Anesthesiology - Obstetric Anesthesia  
- **Medical School:** Medical University of South Carolina  
- **Residency:** University of Washington  
  - **Area:** Anesthesiology - Categorical  
- **Fellowship:** Stanford University  
  - **Area:** Obstetric Anesthesiology
Anesthesiology - Obstetric Anesthesia (cont.)

David C. Mayer, MD  
Professor of Anesthesiology and Professor of Obstetrics and Gynecology; Vice Chair of Education, Anesthesiology

**Specialty:** Anesthesiology  
**Subspecialty:** Anesthesiology - Obstetric Anesthesia  
**Procedures and Research:** Obstetric anesthesia.  
**Medical School:** Tulane University  
**Residency:** University of Texas Health Science Center  
**Fellowship:** Royal Victoria Hospital  
**Area:** Obstetric Anesthesia  
**Certification:** Anesthesiology

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**Phone:** (919) 799-4000  
**Website:** www.chathamhospital.org

Anesthesiology - Regional Anesthesia

Christopher Webster (Chris) Howard, MD, MS  
Instructor

**Specialty:** Anesthesiology  
**Subspecialty:** Anesthesiology - Regional Anesthesia  
**Medical School:** Wake Forest University  
**Bachelor of Science:** Texas A&M University  
**Area:** Biomedical Science  
**Master of Science:** University of Houston-Clear Lake  
**Area:** Biology

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**Website:** www.uncmedicalcenter.org

Ali Kazemi, MD  
Regional Fellow Clinical Instructor of Anesthesiology

**Specialty:** Anesthesiology  
**Subspecialty:** Anesthesiology - Regional Anesthesia  
**Medical School:** University of Virginia  
**Residency:** University of Virginia Hospital

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**Website:** www.uncmedicalcenter.org
Pain Management

Brooke A. Chidgey, MD
Assistant Professor of Anesthesiology

**Specialties:** Anesthesiology, Pain Management


**Special Interests:** Interventional techniques for management of chronic pain, neuromodulation therapies, perioperative pain management, multimodal techniques for management of chronic pain.

**Medical School:** University of Texas Health Science Center at San Antonio

**Residency:** University of North Carolina Hospitals

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

**Certifications:** Anesthesiology, Anesthesiology-Pain Medicine

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**Website:** www.chathamhospital.org

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**Phone:** (984) 974-1000
**Website:** www.uncmedicalcenter.org

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Maryam Jowza, MD
Assistant Professor

**Specialties:** Anesthesiology, Pain Management, Pediatric Pain Management

**Special Interests:** Acute pain management, pediatric pain management, low back pain, disc herniation, radiculopathy, neuropathy, CRPS

**Medical School:** University of Medicine and Dentistry of New Jersey

**Internship:** Einstein Medical Center
**Area:** Internal Medicine

**Residency:** Massachusetts General Hospital
**Area:** Anesthesiology

**Fellowship:** Massachusetts General Hospital
**Area:** Pain Management

**Certifications:** Anesthesiology, Anesthesiology-Pain Medicine

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**Fax:** (984) 974-6793
**Website:** www.uncmedicalcenter.org/uncmc/care-treatment/pain-management

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Pain Management (cont.)

Matthew Mauck, MD
Assistant Professor

Specialties: Anesthesiology, Pain Management
Subspecialty: Anesthesiology - General Anesthesia

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Pediatric Anesthesia

Hemanth A. Baboolal, MD, FRCA
Assistant Professor of Anesthesiology and Pediatrics

Specialties: Anesthesiology, Pediatric Anesthesia
Procedures and Research: research multi-center project of pediatric oxycodone pharmacokinetics
Special Interests: pediatric anesthesia, pediatric critical care simulation, patient safety issues
Medical School: University of Cape Town
Internship: Metrowest Medical Center
Residency: Massachusetts General Hospital
Residency: Queens Medical Center
Fellowship: Boston Children's Hospital
Additional Education: Groote Schuur Hospital
Research Fellowship: Massachusetts General Hospital
Certification: Anesthesiology

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Website: www.uncmedicalcenter.org
Kimberly R. Blasius, MD
Assistant Professor of Anesthesiology and Pediatrics

**Specialties:** Anesthesiology, Pediatric Anesthesia

**Procedures and Research:** Pediatric anesthesiology, pediatric pain, pediatric sedation.

**Special Interests:** Human simulation teaching and education.

**Medical School:** State University of New York Upstate Medical University

**Internship:** Columbia University

**Residency:** Mount Sinai Hospital

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

**Certification:** Anesthesiology

---

Paul R. Halweg, MD
Assistant Professor

**Specialties:** Anesthesiology, Pediatric Anesthesia

**Medical School:** Virginia Commonwealth University

**Residency:** University of Pittsburgh Medical Center

**Fellowship:** University of North Carolina Hospitals

**Certifications:** Anesthesiology, Anesthesiology-Pediatric Anesthesiology

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## Pediatric Anesthesia (cont.)

### M. Concetta Lupa, MD

**Associate Professor of Anesthesiology and Pediatrics**

<table>
<thead>
<tr>
<th>Specialties:</th>
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<tbody>
<tr>
<td>Procedures and Research:</td>
<td>Procedures: Pediatric epidurals, pediatric caudal/caudal catheters, arterial lines, central lines, intubations and emergency airway management. Research: moderate and deep sedation</td>
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<tr>
<td>Special Interests:</td>
<td>Fellow and resident education, pediatric pain management, pediatric sedation, anesthesia for neonates, pediatric anesthesia</td>
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<td>Residency:</td>
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### Matthew McDaniel, MD

**Assistant Professor**

<table>
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<td>Medical School:</td>
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**Phone:** (984) 974-1000

**Website:**
www.uncmedicalcenter.org
### Peggy P. McNaul, MD

**Associate Professor of Anesthesiology and Pediatrics**

- **Specialties:** Anesthesiology, Pediatric Anesthesia
- **Procedures and Research:** Pediatric anesthesia and pediatric intensive care.
- **Special Interests:** Pediatric cardiac anesthesia, pediatric sedation.
- **Medical School:** Louisiana State University
- **Residency:** University of North Carolina Hospitals  
  **Area:** Anesthesiology
- **Fellowship:** Texas Children's Hospital  
  **Area:** Pediatric Cardiac Anesthesia
- **Fellowship:** University of North Carolina Hospitals  
  **Area:** Pediatric Anesthesiology
- **Certification:** Anesthesiology

### Janey R. Phelps, MD

**Assistant Professor of Anesthesiology and Pediatrics**

- **Specialties:** Anesthesiology, Pediatric Anesthesia
- **Procedures and Research:** Pediatric anesthesia.
- **Medical School:** University of North Carolina at Chapel Hill
- **Residency:** Children's Hospital and Regional Medical Center  
  **Area:** Pediatrics
- **Residency:** University of North Carolina Hospitals  
  **Area:** Anesthesiology
- **Certifications:** Anesthesiology, Pediatrics
Sara L. Pittenger, MD
Assistant Professor of Anesthesiology and Pediatrics; Assistant Division Chief of Pediatric Anesthesiology

**Specialties:** Anesthesiology, Pediatric Anesthesia

**Procedures and Research:** Pediatric sedation modalities, invasive cardiac monitoring devices, anesthetic utilization in offsite locations

**Special Interests:** Pediatric cardiac anesthesia, pediatric sedation and pain management

**Medical School:** Northwestern University

**Internship:** Saint Francis Hospital

**Residency:** University of Chicago Medical Center
   **Area:** Anesthesiology

**Fellowship:** University of Chicago Medical Center
   **Area:** Pediatric Anesthesiology

**Certification:** Anesthesiology

---

Karene J. Ricketts, MD
Assistant Professor of Anesthesiology and Pediatrics

**Specialties:** Anesthesiology, Pediatric Anesthesia

**Procedures and Research:** Pediatric anesthesia.

**Medical School:** University of Wisconsin-Madison

**Residency:** University of Wisconsin-Madison

**Fellowship:** Children's Hospital of Wisconsin

**Certification:** Anesthesiology
### Pediatric Anesthesia (cont.)

**Adam M. Suchar, MD**  
*Assistant Professor of Anesthesiology and Pediatrics*

<table>
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<tr>
<th>Specialties:</th>
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<td>Medical School:</td>
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<td>Area:</td>
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<td>Residency:</td>
<td>University of North Carolina Hospitals</td>
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<td>Area:</td>
<td>Anesthesiology</td>
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<tr>
<td>Fellowship:</td>
<td>Cincinnati Children's Hospital Medical Center</td>
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<td>Area:</td>
<td>Pediatric Anesthesiology</td>
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<td>Certification:</td>
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</tbody>
</table>

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### Pediatric Critical Care Medicine

**Jenny M. Boyd, MD**  
*Assistant Professor of Pediatrics and Anesthesiology*

<table>
<thead>
<tr>
<th>Specialties:</th>
<th>Anesthesiology, Pediatric Critical Care Medicine</th>
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<tbody>
<tr>
<td>Procedures and Research:</td>
<td>Anesthesiology and pediatric critical care.</td>
</tr>
<tr>
<td>Medical School:</td>
<td>University of Tennessee</td>
</tr>
<tr>
<td>Certification:</td>
<td>Pediatrics-Pediatric Critical Care Medicine</td>
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</tbody>
</table>

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**Katherine C. Clement, MD**  
*Associate Professor of Pediatrics and Anesthesiology*

<table>
<thead>
<tr>
<th>Specialties:</th>
<th>Anesthesiology, Pediatric Critical Care Medicine</th>
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<tbody>
<tr>
<td>Procedures and Research:</td>
<td>Anesthesiology and pediatric critical care, Extracorporeal Life Support (ECLS).</td>
</tr>
<tr>
<td>Residency:</td>
<td>University of Virginia Health System</td>
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<td>Area:</td>
<td>Pediatrics</td>
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<td>Fellowship:</td>
<td>University of Arkansas for Medical Sciences</td>
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<td>Area:</td>
<td>Pediatric Critical Care Medicine</td>
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<td>Doctorate:</td>
<td>Eastern Virginia Medical School</td>
</tr>
<tr>
<td>Certifications:</td>
<td>Pediatrics, Pediatrics-Pediatric Critical Care Medicine</td>
</tr>
</tbody>
</table>

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101 Manning Drive  
Chapel Hill, NC 27514  
**Phone:** (984) 974-1000  
**Website:** www.uncmedicalcenter.org
**Benny L. Joyner Jr., MD, MPH**

*Chief, Division of Pediatric Critical Care Medicine; Associate Professor of Pediatrics, Anesthesiology, and Social Medicine; Director, UNC Clinical Skills and Patient Simulation Center (CSPSC)*

**Specialties:** Anesthesiology, Pediatric Critical Care Medicine

**Procedures and Research:**
Airway inflammation in pediatric patients suffering from inhalation injury, human simulation, and team training.

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

**Residency and Chief Residency:** Children's Hospital at Montefiore  
*Area: Pediatrics*

**Fellowship:** N.C. Women's Hospital and N.C. Children's Hospital  
*Area: Pediatric Critical Care Medicine*

**Additional Education:** University of North Carolina

---

**Afsaneh Pirzadeh, MD**

*Assistant Professor of Pediatrics and Anesthesiology*

**Specialties:** Anesthesiology, Pediatric Critical Care Medicine

**Medical School:** University of North Carolina at Chapel Hill
### Pediatric Critical Care Medicine (cont.)

**Rebecca Smith, MD**  
*Assistant Professor of Pediatrics and Anesthesiology*

<table>
<thead>
<tr>
<th>Specialties:</th>
<th>Anesthesiology, Pediatric Critical Care Medicine</th>
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<tbody>
<tr>
<td>Special Interests:</td>
<td>Traumatic brain injury, palliative care, transport medicine</td>
</tr>
<tr>
<td>Medical School:</td>
<td>Drexel University</td>
</tr>
</tbody>
</table>
| Residency: | University of North Carolina at Chapel Hill  
*Area: Pediatrics* |
| Chief Residency: | University of North Carolina at Chapel Hill  
*Area: Pediatrics* |
| Fellowship: | Children's Hospital of Philadelphia |
| Certifications: | Pediatrics, Pediatrics-Pediatric Critical Care Medicine |

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### Pediatric Pain Management

**Maryam Jowza, MD**  
*Assistant Professor*

<table>
<thead>
<tr>
<th>Specialties:</th>
<th>Anesthesiology, Pain Management, Pediatric Pain Management</th>
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<tr>
<td>Special Interests:</td>
<td>Acute pain management, pediatric pain management, low back pain, disc herniation, radiculopathy, neuropathy, CRPS</td>
</tr>
<tr>
<td>Medical School:</td>
<td>University of Medicine and Dentistry of New Jersey</td>
</tr>
</tbody>
</table>
| Internship: | Einstein Medical Center  
*Area: Internal Medicine* |
| Residency: | Massachusetts General Hospital  
*Area: Anesthesiology* |
| Fellowship: | Massachusetts General Hospital  
*Area: Pain Management* |
| Certifications: | Anesthesiology, Anesthesiology-Pain Medicine |

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S (cont.)
Adam M. Suchar, MD ......................... 53, 71
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Emily Teeter, MD ............................... 63

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Lynn B. Tran, MSN, CRNA ........................ 54
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