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<tbody>
<tr>
<td>Paul P. Carnes, MD</td>
<td>Anesthesiology</td>
<td>Uniformed Services University of the Health Sciences</td>
<td>Tripler Army Medical Center</td>
<td>University of Washington</td>
<td>Anesthesiology</td>
<td>Anesthesiology</td>
<td>1520 Sunday Drive, Raleigh, NC 27607</td>
<td>(919) 783-1441</td>
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## Neurology

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<tr>
<td>Gregory M. Bertics, MD</td>
<td>Neurology</td>
<td>Duke University</td>
<td>Beth Israel Hospital</td>
<td>Brigham and Women's Hospital</td>
<td>Neurology</td>
<td>Massachusetts General Hospital</td>
<td>Neurology</td>
<td>1520 Sunday Drive, Raleigh, NC 27607</td>
<td>(919) 783-1441</td>
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<tr>
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<tr>
<td>Thomas S. (Scott) Binford, PAC</td>
<td>Neurology</td>
<td>Emory University</td>
<td>Physician Assistant</td>
<td>1540 Sunday Drive, Raleigh, NC 27607</td>
<td>(919) 783-1441</td>
</tr>
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# Neurology (cont.)

## Beth Bingaman, FNP-C

**Specialty:** Neurology  
**Master of Science:** University of Texas  
**Certification:** Nursing-Family Nurse Practitioner  

**Raleigh Neurology Associates, PA (Raleigh-1540 Sunday Drive)**  
1540 Sunday Drive  
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**Fax:** (919) 783-1441

## Michael H. Bowman, MD, PhD

**Specialty:** Neurology  
**Medical School:** Ohio State University  
**Internship:** Duke University Medical Center  
**Area:** Surgery  
**Residency:** Duke University Medical Center  
**Area:** Neurology  
**Fellowship:** Duke University Medical Center  
**Area:** Neurophysiology  
**Certification:** Neurology  

**Raleigh Neurology Associates, PA (Raleigh-1540 Sunday Drive)**  
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Raleigh, NC 27607  
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## Leslie H. Boyce, MD

**Specialties:** Neurology, Pediatric Neurology  
**Special Interests:** Sleep medicine and child/adolescent neurology  
**Medical School:** University of Medicine and Dentistry of New Jersey  
**Internship:** Babies Hospital, New York  
**Area:** Pediatrics  
**Residency:** Columbia-Presbyterian Medical Center  
**Area:** Neurology/Child Neurology  
**Fellowship:** Columbia-Presbyterian Medical Center  
**Area:** Research  
**Certification:** Neurology  

**Raleigh Neurology Associates, PA (Raleigh-1520 Sunday Drive)**  
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### Kenneth M. Carnes, MD

**Specialty:** Neurology  
**Medical School:** Washington University  
**Internship:** Barnes-Jewish Hospital  
**Residency:** Barnes-Jewish Hospital  
**Area:** Neurology  
**Fellowship:** Barnes-Jewish Hospital  
**Area:** Stroke/Rehabilitation  
**Certification:** Neurology  

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### Stacey Carroll, ANP

**Specialty:** Neurology  
**Master of Science:** East Carolina University  
**Area:** Nursing-Nurse Practitioner  
**Certification:** Nursing-Nurse Practitioner  

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### Kelsie Cato, PAC

**Specialty:** Neurology  
**Physician Assistant:** Medical College of Georgia  
**Certification:** Physician Assistant  

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Neurology (cont.)

**William G. Ferrell, MD**

**Specialty:** Neurology  
**Medical School:** Bowman Gray School of Medicine  
**Internship:** North Carolina Baptist Hospital  
**Area:** Internal Medicine  
**Residency:** North Carolina Baptist Hospital  
**Area:** Neurology  
**Fellowship:** North Carolina Baptist Hospital  
**Area:** Neurosonology/Neuromuscular Diseases  
**Certification:** Neurology  

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**Edith A. (Edie) Ferris, AuD**

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**Steven M. (Mitchell) Freedman, MD**

**Specialty:** Neurology  
**Medical School:** University of Pennsylvania  
**Internship and Residency:** Duke University  
**Area:** Neurology  
**Certification:** Neurology  

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### Rhonda W. Gabr, MD, PhD

**Specialty:** Neurology  
**Medical School:** West Virginia University  
**Internship:** Duke University  
**Area:** Internal Medicine  
**Residency:** Duke University  
**Area:** Neurology  
**Certification:** Neurology

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### Susan A. Glenn, MD

**Specialty:** Neurology  
**Medical School:** Oklahoma State University  
**Internship:** University of Oklahoma Health Sciences Center  
**Residency:** Washington University  
**Area:** Neurology  
**Fellowship:** University of Iowa  
**Area:** Neurophysiology  
**Certification:** Neurology

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### Maureen F. Gonzales, PNP-C

**Specialty:** Neurology  
**Master of Science:** Brigham Young University  
**Area:** Nursing-Nurse Practitioner  
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## Neurology (cont.)

### Suzanne L. Hartmann, ACNP-C
- **Specialty:** Neurology
- **Master of Science:** University of Virginia
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- **Certification:** Nursing-Acute Care Nurse Practitioner
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### Keith L. Hull Jr., MD
- **Specialty:** Neurology
- **Medical School:** Duke University
- **Internship:** Duke University
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- **Area:** Neurology/Neuromuscular Disease
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### Virginia A. (Ginger) Jethro, PAC
- **Specialty:** Neurology
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<tr>
<td>Eric J. Kirch, PAC</td>
<td>Neurology</td>
<td>Philadelphia University</td>
<td></td>
<td></td>
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<td>Physician Assistant</td>
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<td>(919) 783-1441</td>
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<tr>
<td>Steve T. (Thomas) Kirk, MD</td>
<td>Neurology</td>
<td>University of Texas Medical Branch at Galveston</td>
<td>Baylor College of Medicine</td>
<td>Neurology</td>
<td>Duke University</td>
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<tr>
<td>David A. Konanc, MD</td>
<td>Neurology</td>
<td>University of North Carolina at Chapel Hill</td>
<td>University of North Carolina at Chapel Hill</td>
<td>Mayo Clinic</td>
<td>Mayo Clinic, Scottsdale</td>
<td>Electromyography</td>
<td>1540 Sunday Drive, Raleigh, NC 27607</td>
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**Harry Lay, NP**

**Specialty:** Neurology  
**Master of Science:** Medical University of South Carolina  
**Area:** Nursing-Nurse Practitioner  
**Certification:** Nursing-Nurse Practitioner  

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**Jan R. Lowery, PAC**

**Specialty:** Neurology  
**Physician Assistant:** South University  
**Certification:** Physician Assistant  

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**Edward W. (Wayne) Massey, MD**

**Specialty:** Neurology  
**Medical School:** University of Texas Medical Branch at Galveston  
**Internship:** Ohio State University  
**Residency:** University of Texas Medical Branch at Galveston  
**Area:** Neurology  
**Certification:** Neurology  

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### Kristi L. Milowic, MD

**Specialty:** Neurology  
**Medical School:** University of Texas Southwestern Medical Center  
**Internship:** Naval Hospital San Diego  
**Residency:** University of North Carolina at Chapel Hill  
**Area:** Pediatrics  
**Fellowship:** University of North Carolina at Chapel Hill  
**Area:** Developmental Behavioral Pediatrics  
**Certification:** Pediatrics-Developmental-Behavioral Pediatrics  

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### Patricia K. Naslund, MD

**Specialty:** Neurology  
**Medical School:** Duke University  
**Internship:** Barnes-Jewish Hospital  
**Residency:** Barnes-Jewish Hospital  
**Area:** Neurology  
**Fellowship:** Barnes-Jewish Hospital  
**Area:** Electromyography  
**Certification:** Neurology  

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### Thinh Nguyen, FNP

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Alvin T. (Thomas) Perkins IV, MD, PhD

Specialty: Neurology
Medical School: Northeastern Ohio Universities College of Medicine
Internship: Akron City Hospital
Residency: Duke University
Area: Neurology
Fellowship: Duke University
Area: Clinical Neurophysiology
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Jaya Reddy, PAC

Specialty: Neurology
Physician Assistant: Chatham University
Certification: Physician Assistant

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Bradley J. Robottom, MD

Specialty: Neurology
Medical School: Medical University of South Carolina
Internship: University of Maryland Medical System
Area: Internal Medicine
Residency: University of Maryland Medical System
Area: Neurology
Fellowship: University of Maryland, Baltimore
Area: Movement Disorders
Certification: Neurology

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### John R. Scagnelli, MD

- **Specialty:** Neurology  
- **Medical School:** University of Miami  
- **Internship:** Strong Memorial Hospital  
  **Area:** Internal Medicine  
- **Residency:** Strong Memorial Hospital  
  **Area:** Neurology  
- **Fellowship:** University of Virginia  
  **Area:** Neuroimmunology  
- **Certification:** Neurology  

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### Traci I. Sheaffer, MD

- **Specialty:** Neurology  
- **Medical School:** University of North Carolina at Chapel Hill  
- **Residency:** Louisiana State University Health Sciences Center New Orleans  
  **Area:** Pediatrics  
- **Residency:** University of North Carolina at Chapel Hill  
  **Area:** Neurology/Child Neurology  
- **Certification:** Neurology  

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### Holly H. Starnes, FNP-C

- **Specialty:** Neurology  
- **Master of Science:** East Carolina University  
  **Area:** Nursing-Family Nurse Practitioner  
- **Certification:** Nursing-Family Nurse Practitioner  

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## Neurology (cont.)

### Richard W. Tim, MD

**Specialty:** Neurology  
**Medical School:** University of California, San Diego  
**Internship:** University of California, San Diego  
**Area:** Internal Medicine  
**Residency:** Duke University  
**Area:** Neurology  
**Fellowship:** Duke University  
**Area:** Electromyography  
**Certification:** Neurology  

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1540 Sunday Drive  
Raleigh, NC  27607  
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### Susannah M. White, PAC

**Specialty:** Neurology  
**Physician Assistant:** Jefferson College of Health Sciences  
**Certification:** Physician Assistant  

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### John D. Wooten III, MD

**Specialty:** Neurology  
**Medical School:** Bowman Gray School of Medicine  
**Residency:** Keesler Hospital  
**Area:** Pediatrics  
**Fellowship:** Wake Forest University  
**Area:** Child Neurology  
**Certifications:** Neurology, Pediatrics  

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**Fax:** (919) 783-1441
Danielle A. Wyant, MD

**Specialty:** Neurology  
**Medical School:** University of Massachusetts Medical School  
**Residency:** Duke University Hospital  
**Area:** Pediatrics/Child Neurology  
**Certifications:** Neurology, Pediatrics

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Pavan K. Yerramsetty, MD

**Specialty:** Neurology  
**Special Interests:** Pain management  
**Medical School:** Gandhi Medical College  
**Residency:** Mount Sinai Hospital  
**Area:** Surgery  
**Residency:** University of Tennessee Health Science Center, Memphis  
**Area:** Neurology  
**Fellowship:** University of North Carolina at Chapel Hill  
**Area:** Headache/Pain Management  
**Fellowship:** University of Tennessee Health Science Center, Memphis  
**Area:** Stroke  
**Certification:** Neurology

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**Fax:** (919) 783-1441
Syndee J. Givre, MD, PhD
Assistant Professor, Department of Ophthalmology

Specialty: Ophthalmology

Special Interests: Optic neuritis, optic nerve stroke, swollen optic nerves, papilledema, unexplained visual loss and transient vision loss

Medical School: Albert Einstein College of Medicine

Internship: Greenwich Hospital

Residency: Mount Sinai Hospital

Area: Ophthalmology

Fellowship: University of Iowa Hospitals and Clinics

Area: Neuro-ophthalmology

Certification: Ophthalmology

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Leslie H. Boyce, MD

Specialties: Neurology, Pediatric Neurology

Special Interests: Sleep medicine and child/adolescent neurology

Medical School: University of Medicine and Dentistry of New Jersey

Internship: Babies Hospital, New York

Area: Pediatrics

Residency: Columbia-Presbyterian Medical Center

Area: Neurology/Child Neurology

Fellowship: Columbia-Presbyterian Medical Center

Area: Research

Certification: Neurology

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