

Director:  
Bradford B. Worrall, MD, MSc

(434) 924-2783  
bbw9r@virginia.edu

## ACGME accredited Fellowship in Vascular Neurology

Since 1984, the University of Virginia Stroke Center has taken a leadership role in clinical stroke research including the initial NIH-funded pilot studies of alteplase (t-PA). UVA has pioneered the development and implementation of acute stroke intervention teams, reliable clinical & imaging endpoints for studies of patients with subarachnoid hemorrhage, futility analyses for acute stroke studies, and clinical prediction models for use in clinical trials. UVA continues to lead methodological innovation such as the sequential elimination design developed for the advanced phase 2 randomized, controlled, multi-center trial of tenecteplase (TNK) in acute ischemic stroke. Additional areas of academic/ research focus include health disparities, translational research including multi-omics, machine learning/artificial intelligences, mobile health, and patient safety & quality.

### Fellowship Structure (2 FELLOWS PER YEAR):

Year 1: ACGME year devoted clinical management of stroke patients on a busy stroke service. Rotations include neuroradiology, neurocritical care, neurorehabilitation, and noninvasive neurovascular laboratory.

Year 2: Strongly recommended for those interested in academic career. Flexible with opportunities for bench, clinical, and translational research. Formal training in clinical research design and statistics available with option to pursue M.Sc. degree (Department of Public Health Sciences). Also option to pursue advanced training in medical education or patient safety and quality.

Acute Stroke call two nights per week during Year 1 and one night per week in year 2 (no weekend call).

- Joint Commission certified Comprehensive Stroke Center
- Joint Commission certified Rehabilitation Stroke Center
- Faculty include 6 fulltime and 2 part-time Board Certified Vascular Neurologists, stroke trained Neurohospitalist, and neurology trained nurse practitioner
- 12 bed Stroke Unit
- 12 bed Neurocritical Care Unit staffed by Neurointensivists
- 12 bed Neuro Intermediate Care Unit
- Close interaction with interventional neuroradiology & vascular neurosurgery including weekly multidisciplinary clinical conference
- A team of 5 fulltime clinical research coordinators
- Active clinical and research telemedicine project
- One of 25 NIH/NINDS funded StrokeNet Regional Coordinating Center (RCC)
- Active acute treatment and prevention research protocols including collaborative multi-disciplinary efforts with other neurology divisions, neurosurgery, cardiology, vascular surgery, and interventional neuroradiology
- NIH/NCATS funded Clinical Translational Science Network Program – The Integrated Translational Research Institute of Virginia (ITHRIV) with Virginia Tech/Carilion Clinic/Inova



### Core Stroke Faculty

- [Bradford B. Worrall, MD, MSc](#)
- [Sherita Chapman, MD](#)
- [Rohini Bhole, MD](#)
- [Karen C. Johnston, MD, MSc](#)
- [Necrisa Roach, MD, MS](#)
- [Amna Sohail, MD](#)
- [Nina J. Solenski, MD](#)
- [Andrew M. Southerland, MD, MSc](#)

### Additional and Affiliated Faculty

Chad Aldridge, DPT, MSc (Neurology trained PT and Stroke recovery researcher)  
Keri Johnson, NP (Neurology trained APP)  
Robert Sawyer, MD (Neurohospitalist)  
Javier Provencio, MD (Neurocritical Care)

Barnett Nathan, MD, MSc (Neurocritical Care)  
Andrew Schomer, MD (Neurocritical Care)  
Avery Evans, MD (Interventional Neuroradiology)  
Ryan Kellogg, MD (Vascular/Endovascular Neurosurgeon)  
Min Park, MD (Vascular/Endovascular Neurosurgeon)

### Former and Current Vascular (Stroke) Neurology Fellows





*"This institution of my native State, the hobby of my old age, will be based on the illimitable freedom of the human mind, to explore and to expose every subject susceptible of its contemplation."* – Thomas Jefferson

## How to Apply

We participate in the [NRMP Match](#).

Please apply through the ERAS system. Link to ERAS page [here](#).

For more information contact Katie Christie at University of Virginia Health System Box 800394 Charlottesville, VA 22908 (434) 243-1552 [MWG3UW@uvahealth.org](mailto:MWG3UW@uvahealth.org)

Applicants must be eligible for a full Virginia medical license and a DEA number.



## The University of Virginia

Founded by Thomas Jefferson in 1819, the University sustains the ideal of developing, through education, leaders who are well-prepared to help shape the future of the nation. Current enrollment tops 20 thousand in all schools. UVA continues to rank in the Top 25 of all national universities, public and private by *U.S. News*.

The University of Virginia Hospital is a 645-bed tertiary referral and regional primary care hospital with approximately 25,000 admissions each year.

The inpatient stroke unit admits over 700 patients each year. There are over 1000 cerebrovascular admissions each year. The Nerancy Neurological Intensive Care Unit has approximately 1100 admissions each year.

[www.healthsystem.virginia.edu](http://www.healthsystem.virginia.edu)



## Charlottesville

Charlottesville is a small, thriving city with a population of 45,000; the local area population is 145,000. Charlottesville is two hours from Washington, DC. There are few places in the United States that combine a picturesque and cultivated countryside that is so rich in historical associations with the proximity of a national park and a wide array of cultural opportunities. As a college town, Charlottesville is full of arts, culture, and shopping venues. Charlottesville is the home of the Virginia Film Festival, the Virginia Festival of the Book, and Look3: The Festival of the Photograph. The entrances to the Shenandoah National Park and the Blue Ridge Parkway are 20 minutes from the University and are a gateway to a vast network of trails and other activities. Outdoor enthusiasts will love the local rivers and lakes, where they can sail, kayak, canoe, and fish. Charlottesville is home to Thomas Jefferson's home, Monticello, and the college he designed, the University of Virginia.

