

ANESTHESIOLOGY

*"Tell me and I forget. Teach me and I remember. Involve me and I learn."
- Benjamin Franklin*



Program Snapshot:

Location: Portsmouth, VA

Residents: 20+: 6 per clinical anesthesia year (CA1-3), 2+ categorical interns

Staff: 24 (20 Active Duty)

Annual Case Volume: Approx 8,000 OR cases, 500 non-OR cases, 2,800 deliveries

NMCP Surgical Specialties: General, Trauma, ENT, Urology, Orthopedics, Plastics, Neuro, Thoracic, Pediatric, Gynecology, Vascular, Surgical Oncology

Outside rotations: University of Virginia, Carilion Medical Center, Cooper University, Children's Hospital of the King's Daughters, Sentara Norfolk Hospital



About the Program:

Training in Clinical Anesthesia consists of three years (CA-1, 2, 3). The Clinical Anesthesia Phase must be preceded by one year of Clinical Base training (CB). Upon completion of three years of clinical anesthesiology the resident will demonstrate adequate knowledge, skill, and judgment to be eligible to enter the American Board of Anesthesiology (ABA) board certification process. Residents completing training will have mastered the core competencies (Medical Knowledge, Patient Care, Practiced-based learning, Systems-based Practice, Interpersonal and Communication Skills, and Medical Knowledge) to the level expected of a newly trained practitioner. All graduating residents are expected to function as consultant anesthesiologists and gain board certification at the earliest opportunity.

The means by which these goals are achieved include: exposure to adequate patient numbers and case mix, the didactic lecture series, case conferences, morbidity and mortality reviews, clinical teaching, and involvement in basic and clinical research. The most important means, however, is serious, individual, goal-directed study.

The Department prides itself on its faculty with their variety of training sources and subspecialty expertise. We are resources for your training and professional development and are personally rewarded by your success. We will assist you in any way that we can.

We have expended a great deal of energy in planning for your educational experience. Your rotations here at Naval Medical Center Portsmouth together with your out-rotations at our affiliated institutions will prepare you to compete with the best.

The CA-1 year (first year of residency) is spent in clinical anesthesia nearly exclusively at Naval Medical Center Portsmouth. During the first six months, the resident is closely supervised and is introduced to departmental routine, preoperative anesthetic evaluation and premedication, airway management, and basic techniques of general and regional anesthesia.

The CA-2 year is spent in clinical anesthesia at Naval Medical Center Portsmouth and at affiliated hospitals. All types of anesthesia will be performed with a certain degree of independence but always with a staff anesthesiologist immediately available for advice and consultation.

The CA-3 year is a year tailored to your interests and specific clinical learning needs, arranged by the resident with the advice and approval of the Program Director, within the framework established by the American Board of Anesthesiology.

About the Faculty:

The Anesthesiology Department at NMCP boasts a faculty with a broad range of clinical, operational, and leadership experience who provide comprehensive care to our patients and high quality training to our residents. Some noteworthy accomplishments:

Clinical: 11 fellowships, 7 Master/Associate Master clinicians, 18 USUHS professorships, several grants and peer-reviewed publications.

Operational: Since 2019, 14 deployments and 3 Officer-in-Charge billets.

Leadership: Positions with command committees on ethics, pharmaceuticals, healthcare business, diversity, clinical learning environment, institutional review board, and more. Staff with former XO/CO experience.

ANESTHESIOLOGY PROGRAM:

What to expect during your first year of training.

The CA-1 year) is spent in clinical anesthesia nearly exclusively at Naval Medical Center Portsmouth. During the first six months, the resident is closely supervised and is introduced to departmental routine, preoperative anesthetic evaluation and premedication, airway management, and basic techniques of general and regional anesthesia. The resident is expected to become intimately acquainted with the functioning of anesthetic equipment and monitors. The resident is encouraged to formulate anesthetic plans and become familiar with basic management decisions. During the second six months, the resident is expected to gain proficiency in anesthetic planning for routine cases and make preoperative and intraoperative management decisions under supervision. Specialized blocks for obstetric, Acute Pain Service, neuro anesthesia, and pediatric anesthesia, as well as ICU and Pre-Op/PACU are scheduled CA-1 rotations.



OUR STAFF:

Chairman

CAPT Jason Longwell, MD

Vice Chairman

CDR Maureen Higgs, MD

Administrative Officer/Chief CRNA

CDR Shane Lawson, CRNA

Program Director

LCDR Gregory Booth, MD

Assistant Program Director

LCDR Elizabeth Slama, MD
LCDR Matt Haldeman, MD

Pain Management Fellowship Program Director

CAPT Eric Stedje-Larsen, MD

Rotation Coordinator

LCDR Anna Hosig, DO

Acute Pain Service

LT Sherrie Moore, MD

Pediatric Anesthesia

LCDR Mark Hubbard, MD

Cardiovascular Anesthesia

CDR Philip Geiger, MD

Neuro Anesthesia

LT Dan Zink, MD

Obstetrical Anesthesia

Jennifer Adams, MD
Maria Grauerholz, MD

Operational Medicine

CDR Shane Lawson, CRNA

Pain Management

CAPT Eric Stedjelarsen, MD
CDR Jeff Moore, DO
Maurren McClenahan, MD

Preoperative Assessment Clinic

Craig Bonnema, MD

Research Coordinator

LCDR Gregory Booth, MD

Performance Improvement Coordinator

LCDR Elizabeth Slama, MD

Education Committee Chairman

CDR Jeff Moore, DO

Staff Anesthesiologists

LCDR Jacob Cole, MD
LCDR Gregory Booth, MD
LCDR Anthony Bradley, MD
CDR Stephen Bronaugh, MD
CDR Philip Geiger, MD
LCDR Matt Haldeman, MD
LCDR Marcus Herod, MD
LCDR Maureen Higgs, MD
LCDR Anna Hosig, DO
LCDR Mark Hubbard, MD
CDR Michael Lee, MD
CAPT Jason Longwell, MD
CDR Kathleen McDonald, DO
CDR Jeffrey Moore, DO
LT Sherrie Moore, MD
CDR Robert O'Donnell, MD
LCDR Elizabeth Slama, MD
CAPT Eric Stedje-Larsen, MD
CDR David Trowbridge, MD
LT Dan Zink, MD
Jennifer Adams, M.D.
Craig Bonnema, M.D.
Maureen McClenahan, M.D.

Staff Nurse Anesthetists

B Alford, LCDR, NC, USN
L Beasley, LT, NC, USN
T Brocuglio, LT, NC, USN
M Brownfield, CDR, NC, USN
S Buckley, LCDR, NC, USN
E Gallegos, LT, NC, USN
J Grandez, LT, NC, USN
J Hamrick, LCDR, NC, USN
P Kuhn, LCDR, NC, USN
S Lawson, CDR, NC, USN
K Nagle, LT, NC, USN
H Parker, LT, NC, USN
C Payne, LCDR, NC, USN
P Schenke, CDR, NC, USN
K Tio, LT, NC, USN
N Apatov, CRNA
C Driscoll, CRNA
E Hanrahan, CRNA, LCDR, NC, USN (Ret)
A Hartgerink, CRNA
T Larsen, CRNA
M Seymour, CRNA
E Virts, CRNA

Uniformed Services University

T Batteau, LCDR, NC, USN
K Kidde, LCDR, NC, USN

THE HOSPITAL:

Naval Medical Center Portsmouth

Naval Medical Center, Portsmouth occupies a 112-acre site along the Elizabeth River in downtown Portsmouth, Virginia. It is located on the original site of Fort Nelson which was built in 1776 to provide harbor defense for Norfolk and Portsmouth. In 1827 construction began on the Naval Hospital, and by July 1830 a portion of Building One was occupied. Naval Medical Center, Portsmouth has provided continuous care since that time and remains the oldest hospital in the U.S. Navy.

In 1960 Building 215 was constructed to accommodate the ever-increasing demands of the Naval Medical Center. As the military establishment grew, Naval Medical Center, Portsmouth became the major military medical facility serving active duty Navy, Marine Corps, Army, Air Force, and Coast Guard, their families, retired personnel, their dependents and other beneficiaries authorized treatment in uniformed services clinics and hospitals.

In June 1990, the Naval Medical Center broke ground on a major construction project designed to build a modern replacement hospital with extensive support structures and services. The project was completed in 1998 and began operations in 1999. The Charette Health Care center is a 1.02 million square foot facility and the most modern available in the Navy inventory. The center contains over 300 clinical exam rooms, 140 specialty exam rooms and 17 operating rooms. In addition, the base features a research facility equipped for animal research projects, a mini mall with a Navy Exchange, banking services, galley and fast food operations, Olympic size pool, state-of-the-art gyms, MWR services and library.

How to apply:

Interested applicants must apply for U.S. Navy Graduate Medical Education training on active duty and meet all eligibility requirements for service in the U.S. Armed Forces. Interested USUHS, HPSP and HSCP students are encouraged to spend time on our service and should coordinate a rotation by contacting our Student Coordinators in GME.

USUHS Student Coordinator:

Rachel Darling 757-953-3677
rachel.k.darling.civ@mail.mil
rachel.darling@USUHS.edu

Student Affairs Coordinator:

Rochelle Holly 757-953-0672
rochelle.holly.civ@mail.mil

Program Director: LCDR Gregory Booth

Residency Coordinator:

Ms. Dora Breaux 757-953-3270
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Living in the area.

Quality of life.



Naval Medical Center Portsmouth is located on the banks of the Elizabeth River in the historic and diverse community of Hampton Roads. Portsmouth is centrally located between the resort city of Virginia Beach, the vibrant downtown of Norfolk, suburban life in Chesapeake, the more rural Suffolk, and the peninsula communities of Hampton and Newport News. All are located no more than 20-30 minutes from Portsmouth!

This region is one of the most popular vacation sites on the East Coast. Miles of beautiful beaches are minutes away in Virginia Beach. Outdoor and environmental enthusiasts will love the ecologically diverse Chesapeake Bay and its inland waterways that transect the entire region. The historic triangle of Williamsburg, Jamestown, and Yorktown boast some of the most significant historical attractions in the country. Busch Gardens and Water Country USA are only 45 minutes away. The watersport paradise of North Carolina's Outer Banks is just an hour away. The eastern shore and its famous islands of Chincoteague and Assateague are only 90 minutes north. Skiing and mountain activities are only 3 hours away, as is Washington D.C. and all it has to offer.

The Hampton Roads area boasts world-class theater, opera, Broadway shows, concerts, and a symphony. Museum enthusiasts will love Nauticus in downtown Norfolk, the Battleship Wisconsin, the Virginia Air and Space museum (adjacent to the Langley NASA research center), the Chrysler Museum of Art, the Norfolk Botanical Gardens, the Norfolk Zoo, as well as the Virginia Aquarium, one of the largest and top rated Aquariums on the east coast. Sports are well represented by Triple-A baseball's Norfolk Tides (who play in Harbor Park, voted the best minor league baseball stadium in the country) and AHL Hockey's Norfolk Admirals. Runners and triathletes will enjoy the multitude of world class races in the area, including the Rock 'n Roll Half Marathon (held at the Oceanfront during the American Music Festival, which is the largest outdoor music festival on the east coast), as well as the St. Patrick's Day Shamrock Sportsfest. These events, along with multiple Division-I university athletic programs, give sports enthusiasts plenty to do.

Cost of Living Indexes	Washington, DC	Portsmouth, VA	Difference
Overall Index : Homeowner, No Child care, Taxes Not Considered	152.1	89.6	41.1% less
Food & Groceries	114.1	95.8	16.0% less
Housing (Homeowner)	240.8	66.3	72.5% less
Median Home Cost	\$556,700	\$153,200	\$403,500 (72.5% less)
Utilities	106	97.4	8.1% less
Transportation	135.3	99	26.8% less
Health	88.6	106.5	20.2% more
Miscellaneous	105.7	100.7	4.7% less

100 = US Average. (Below 100 means cheaper than the US average. Above 100 means more expensive.)

Cost of Living Indexes	San Diego, CA	Portsmouth, VA	Difference
Overall Index : Homeowner, No Child care, Taxes Not Considered	160.1	89.6	44.0% less
Food & Groceries	109.7	95.8	12.7% less
Housing (Homeowner)	279.1	66.3	76.2% less
Median Home Cost	\$645,300	\$153,200	\$492,100 (76.3% less)
Utilities	102.8	97.4	5.3% less
Transportation	120.2	99	17.6% less
Health	89	106.5	19.7% more
Miscellaneous	105.6	100.7	4.6% less

100 = US Average. (Below 100 means cheaper than the US average. Above 100 means more expensive.)