Anesthesiology Clerkships for Visiting 4th Year Medical Students

Collated by the Society of Education in Anesthesia Medical Student Education Committee

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Name of Institution / Location:

Beth Israel Deaconess Medical Center/Harvard Medical School/Boston, MA

Institution Description:

Beth Israel Deaconess Medical Center is a major teaching facility of Harvard Medical School encompassing a broad array of surgical specialties, including a Level I Trauma Center. Our surgical facilities are split between two campuses across the street from each other and include general surgery, cardiac, thoracic, vascular, neurosurgery, ENT, plastics, orthopedics, gynecology, advanced endoscopy, and many others. We have a very busy Obstetrics service which accommodates 5000 births per year and a large high risk OB population. All of this is supported by 649 licensed beds, including 77 Critical Care beds.

Geographic Description:

Beth Israel Deaconess is located in the Longwood Area of Boston, a bustling city of 630,000 which hosts a broad spectrum of cultural, sporting, and dining opportunities within a historical context of being one of the oldest cities in the US.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory ORs
3) Cardiac OR
4) Thoracic OR
5) Vascular OR
6) Neurosurgical OR
7) One Week of Elective at the student’s choosing – any of the above ORs, or OB, Pain Clinic, Transesophageal Echo Service, Regional and Acute Pain Service, ICU, Post Anesthesia Care Unit or Preoperative Assessment Clinic.

Approximate Core Faculty to Resident Ratio: 1:1

Approximate Number of Residents: 54 Residents, 6 Categorical Interns

CRNAs / AAs on staff: CRNAs

Presence of CRNAs / AAs in training: None

Length of Rotation offered: 4 weeks

Call Requirement: None

Last Updated: February 13, 2017
Scheduled Didactic Series: Resident lecture 3x per week including simulator experience, weekly department conference, personalized simulator experience for medical students including skills and scenario simulation opportunities

Housing: Self-pay, arranged by the student. Information regarding potential dormitory arrangements can be found at: http://hms.harvard.edu/departments/vanderbilt-hall. Some students have found housing through a rotating room website run by students: http://rotatingroom.com/

Flexibility of Scheduling: Scheduled directly through the Harvard Registrar. Variations on the Harvard Med School Clerkship Schedule are not permitted.

Student Capacity: 2 max during each block

Months Available: Every month except for July

Learning Opportunities for Student:

Airway and IV skills simulator, airway management, PIV and arterial line placements, central line placement, spinal/epidural and regional anesthesia, opportunity to run own cases in simulator.

Pre-Requisites:

1) Be currently enrolled in the final year at a US medical school
2) Must be in compliance with Harvard Medical School immunization requirements
3) Must be in good standing with home institution

Primary Contact:

Lauren Fisher ljfisher@bidmc.harvard.edu

All rotations must be arranged directly through the Harvard Medical School Registrar:

http://ecommons.med.harvard.edu/org.asp?exclerk

exclerks@hms.harvard.edu; phone (617) 432-1515

Separate subspecialty 4 week rotations are also available through the ICU and OB Anesthesia Divisions, all scheduled through the Harvard Medical School Registrar.
Anesthesiology Clerkships for Visiting 4th Year Medical Students

Name of Institution / Location:

Boston University School of Medicine/Boston, MA

Institution Description:

Boston Medical Center is a private, not-for-profit, 496-bed, academic medical center located in Boston’s historic South End. The hospital is the primary teaching affiliate for Boston University School of Medicine. Boston Medical Center emphasizes community-based care, with its mission to provide consistently accessible health services to all. The largest safety net hospital in New England, Boston Medical Center provides a full spectrum of pediatric and adult care services, from primary care and family medicine to advanced specialty care. BMC is the largest and busiest provider of trauma and emergency services in New England. The Emergency Department had 129,783 visits last year.

Geographic Description:

Boston is a medium-sized city with a population of 650K, located on the eastern coast of Massachusetts. The population is highly diverse and the city hosts many colleges and university hospitals.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory Surgery Center
3) Pediatric OR
4) Obstetric Service
5) Surgical Intensive Care Unit

Approximate Core Faculty to Resident Ratio:

Approximate Number of Residents: 27

CRNAs / AAs on staff: 12, no AA’s

Presence of CRNAs / AAs in training: 12, no AA’s

Length of Rotation offered: 4 weeks

Call Requirement: None

Scheduled Didactic Series: 5-6 lectures/week 30-90 minutes, weekly department conference

Housing: None provided by the university. Typically there are ample opportunities for subletting in the Boston/Cambridge/Allston area.

Last Updated: February 13, 2017
Flexibility of Scheduling: Some flexibility depending on number of students registered for given block

Student Capacity: Typically 2 away students per block

Months Available: Jan – Dec

Learning Opportunities for Student:

Perform pre-operative and post-operative assessment, airway management, PIV and arterial line placements, spinal anesthesia, help run cases with supervising MD

Pre-Requisites:

1) Must have taken USMLE Step I
2) Must be in good standing with home institution

Primary Contact:

Susan.Peterson@bmc.org
Josephlouca@gmail.com
Name of Institution / Location:
Brigham and Women’s Hospital/ Boston, MA

Institution Description:
Brigham and Women’s Hospital, world-renowned in virtually every area of adult medicine, is a 793-bed teaching hospital of Harvard Medical School. Brigham and Women’s leadership in state-of-the-art treatments and technologies, patient- and family-focused care, patient quality and safety, and biomedical breakthroughs have improved the health of people around the world.

Geographic Description:
Boston is a major metropolitan center in the Northeast with Logan International Airport easily accessible. It is a vibrant and youthful city with a wide variety of cultural and historical offerings. Many scenic day trip opportunities, including hiking and water activities, are only a short drive away.

Facilities / Services at which students rotate:
Our main operating room facilities at the Main Campus include 48 operating rooms. Students will rotate on cardiac, thoracic, vascular, orthopedic, plastic, ambulatory, neurosurgical and obstetrical Anesthesiology, as well as the acute and chronic pain management services. Students also spend a day in the Preoperative Testing Center, as well as the Post Anesthesia Care Unit (PACU) as a member of the code team. Students may also elect to spend dedicated time in the ICU.

Approximate Core Faculty to Resident Ratio: Residents work with staff 1:2.
Approximate Number of Residents: 90
CRNAs / AAs on staff: CRNA’s present
Presence of CRNAs / AAs in training: SRNAs present
Length of Rotation offered: One month
Call Requirement: Optional
Scheduled Didactic Series: Students participate in departmental Grand Rounds, as well as a weekly resident lecture series and dedicated student case conferences.
Housing: Self-pay, arranged by student.
Flexibility of Scheduling: During our one month Anesthesia elective, students will work closely with faculty and resident preceptors in the pre-operative, intra-operative and post-operative management of

Last Updated: August 22, 2018
patients. Students will spend the first week with a faculty mentor in their clinical area of expertise. During the remaining weeks, students are proactively assigned to Anesthesiology subspecialties according to their personal interests. These sub-specialties include cardiac, thoracic, vascular, orthopedic, plastic, neurosurgical and obstetrical anesthesiology, as well as the acute and chronic pain management services.

**Student Capacity:**

4/month

**Months Available:**

September-June

**Learning Opportunities for Student:**

In addition to having the opportunity to participate in hands on learning, the goal of this clerkship is to provide a more in depth exposure to the diverse field of Anesthesiology and further develop critical thinking and decision making skills. Rather than focus on technical skills alone, we strive to help students understand important clinical concepts applicable no matter what specialty they choose. Real time applied physiology and pharmacology will be emphasized. As the month progresses and in accordance with level of enthusiasm and ability, students can expect to be given limited responsibility in caring for patients. If students are interested in exploring Anesthesiology as a career, we will provide them with mentorship and career exploration opportunities. We look forward to having you rotate with us!

**Pre-Requisites:**

All applications are processed through the Harvard Medical School Registrar’s Office. Detailed information can be found under the course AE501M.23 Anaesthesia in the Clinical Setting Elective in the HMS course catalog ([https://hms.harvard.edu/departments/office-registrar](https://hms.harvard.edu/departments/office-registrar))

**Primary Contact:**

Please feel free to email me with any questions!
Jennifer McSweeney, MD
Director of Medical Student Education
jmcsweeney1@partners.org
Name of Institution / Location:

Columbia University/ New York, NY

Institution Description:

Columbia Presbyterian is an 800 bed hospital and is part of NY Presbyterian Hospital. We have 40 anesthetizing locations which include neuro, cardiac, regional, general, OB and a full pediatric hospital. No trauma, but plenty of heart, lung, liver, kidney and multi-organ transplants. Ambulatory surgery is blended in with everything else.

Geographic Description:

New York City may be the largest metropolitan area in the country with a population of 8.3 million and feed-in from the tri-state area of New York, Connecticut and New Jersey. The hospital is in upper Manhattan, Washington Heights. There are many exciting things to do in the city when students visit, including shows, museums, World Trade Center monument, the Statue of Liberty and sporting events.

Facilities / Services at which students rotate: there are three separate rotations

1) Main OR
2) Cardiac, neuro, regional, peds, OB
3) ICU
4) Acute/chronic Pain Service

Approximate Core Faculty to Resident Ratio: 1:1, though coverage is usually 1:2

Approximate Number of Residents: 81 (not including PGY1 year)

Presence of CRNAs / AAs in training: Yes CRNAs

Length of Rotation offered: 4 weeks

Call Requirement: No

Scheduled Didactic Series: Weekly lecture, weekly department conference

Housing: Self-pay, Office of Medical Students provides list of available short-term options ranging from $300-$650/mo

Flexibility of Scheduling Some flexibility depending on number of students registered for given block

Student Capacity: 4 max during each block

Months Available: Aug-Feb

Last Updated: February 13, 2017
Learning Opportunities for Student:

Perform regional anesthesia, airway management, PIV and arterial line placements, spinal anesthesia, run cases with resident and supervising MD.

Pre-Requisites:

1) Must have taken USMLE Step I
2) Must have completed all clinical year rotations
3) Must be in good standing with home institution

Primary Contact:

Must be through the Dean’s Office of the school

Brooke Rawson, br2408@cumc.columbia.edu

Permission from faculty

Saundra Curry, MD for OR elective sc42@cumc.columbia.edu

Robert Sladen, MD for ICU elective rs543@cumc.columbia.edu

Michael Weinberger, MD for Pain elective mlw45@cumc.columbia.edu
Name of Institution / Location:
Indiana University School of Medicine / Indianapolis, IN

Institution Description:
Clinical training for our residents and medical students occur on the campus of Indiana University Health. The campus is composed of five tertiary care hospitals that allow our residents and students to gain a wide variety of clinical experiences in one closely-knit medical complex.

Geographic Description:
Indianapolis is a medium-sized Midwestern city with a population of 850K. Located in central Indiana, Indianapolis is served by the Indianapolis International Airport, and by I-65 and I-70.

Facilities / Services at which students rotate:
1) IU Health University Hospital
2) Riley Hospital for Children
3) Eskenazi Health
4) Richard Roudebush VAMC
5) IU Health Methodist Hospital

Approximate Core Faculty to Resident Ratio: 4:3
Approximate Number of Residents: 76
CRNAs / AAs on staff: No, both
Presence of CRNAs / AAs in training: No
Length of Rotation Offered: 4 weeks
Call Requirement: No
Scheduled Didactic Series: Weekly lecture, weekly department conference, monthly simulator experience
Housing: Self-pay
Flexibility of Scheduling: Some flexibility depending on number of students registered for given block
Student Capacity: 10 max per month, plus 1 for Pain, 1 for Pediatric Anesthesia
Months Available: Jan – Dec
Learning Opportunities for Student:

Perform regional anesthesia, airway management, PIV and arterial line placements, spinal anesthesia, run cases with supervising MD, and run own cases in simulator.

Pre-Requisites:

1) Must have taken USMLE Step I
2) Step I score > 200
3) Must be in good standing with home institution

Primary Contact:

Matthew Warner: madwarne@iupui.edu
David Nakata, MD: danakata@iupui.edu
Name of Institution / Location:

Loyola University Medical Center / Maywood, IL (Chicago)

Institution Description:

Loyola University Medical Center is an 801-bed tertiary care facility in the Chicagoland area that provides a broad range of inpatient and outpatient services for both adults and children. Loyola has a particularly robust surgical services line and provides care to both patients from the surrounding areas and those referred from afar.

Geographic Description:

Chicago is a very large urban area with a population of 2.7 million. The corresponding metro area (nicknamed Chicagoland) has approximately 9.5 million inhabitants. Chicago is considered one of the major centers of the United States hosting numerous commercial, artistic, athletic and civic organizations.

Facilities / Services at which students rotate:

1) Clinical Anesthesia (OR) (three weeks Main OR, one week Ambulatory Surgery Center)
2) Pain (two weeks Acute Pain Service, two weeks Chronic Pain Clinic)
3) Cardiothoracic ICU

Approximate Core Faculty to Resident Ratio: 1:1

Approximate Number of Residents (CA 1-3): 40

CRNAs / AAs on staff: Yes / No

Presence of CRNAs / AAs in training: No

Length of Rotation offered: 4 weeks (for all rotations)

Call Requirement: Optional, but many students elect to take call

Scheduled Didactic Series: Daily medical student lecture, weekly department conference, structured simulator experience

Housing: Self-pay

Flexibility of Scheduling: Limited, rotations follow the Stritch School of Medicine calendar

Student Capacity: 6 Clinical Anesthesia, 2 Pain, 2 ICU

Months Available: July – June
Learning Opportunities for Student:

Perform airway management, PIV and arterial line placements, maintenance of anesthesia practice running cases in simulator, observe acute and chronic pain management, participate as a member of the ICU care team.

Pre-Requisites:

1) Must have taken USMLE Step I
2) Must have completed VSAS application if from a US medical school

Primary Contact:

Mary Matimore: mmatimore@lumc.edu
Pramod Patel, MD: prampatel@lumc.edu
Name of Institution / Location:

Massachusetts General Hospital / Boston, Massachusetts

Institution Description:

MGH is a 1000 bed, Level I Trauma Center, Harvard Medical School Affiliated Hospital. Our surgical facilities on the main campus include 62 operating rooms as well as 4 surgical intensive care units.

Geographic Description:

Boston is a major metropolitan center in the Northeast.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory Surgery Center
3) Chronic Pain Clinic
4) Cardiac OR
5) Acute Pain Service
6) Obstetric Service

Approximate Core Faculty to Resident Ratio: 4:3

Approximate Number of Residents: 75

CRNAs / AAs on staff: Yes, both

Presence of CRNAs / AAs in training: No

Length of Rotation Offered: 4 weeks

Call Requirement: Optional

Scheduled Didactic Series: Bi-weekly lecture / case discussions, weekly department conference, with simulator experience

Housing: Self-pay

Flexibility of Scheduling: Very little, the rotation is organized through the medical school

Student Capacity: Varies depending on the time of year and the service selected

Months Available: Jan – Dec

Last Updated: February 13, 2017
Learning Opportunities for Student:

Perform regional anesthesia, airway management, PIV and arterial line placements, spinal anesthesia, run cases with supervising MD

Pre-Requisites:

1) Must have taken USMLE Step I
2) Step I score > 200
3) Must be in the last year of medical school
4) Must be in good standing with home institution

Primary Contact:

Students apply through the Harvard Medical School Registrar

http://hms.harvard.edu/departments/office-registrar

Michele Szabo, M.D. – mszabo@partners.org
Anesthesiology Clerkships for Visiting 4th Year Medical Students

Name of Institution / Location:

Mayo Clinic / Rochester, MN

Institution Description:

The Mayo Clinic is the largest integrated non-profit medical group practice in the world. With over 100 operating rooms spread across two hospitals and an outpatient procedure center, the surgical volume is large and diverse.

Geographic Description:

Rochester is a city over 100,000 people, located in southeastern Minnesota just 75 miles south of Minneapolis and St. Paul.

Facilities / Services at which students rotate:

1) Main operating rooms
2) Ambulatory Surgery Center (Gonda)
3) Inpatient Acute and Chronic Pain Service
4) Obstetric Service
5) Pre-operative Clinic

Approximate Core Faculty to Resident Ratio: 3:2

Approximate Number of Residents: 54

CRNAs / AAs on staff: CRNAs

Presence of CRNAs / AAs in training: Yes (SRNAs)

Length of Rotation Offered: 4 weeks

Call Requirement: None, but students may elect to do so

Scheduled Didactic Series: Daily lecture, Weekly department conference

Housing: Students are responsible for finding their own housing

Student Capacity: 4-6 during each block

Months Available: Every month except July

Learning Opportunities for Student:

Perform airway management, PIV and arterial line placements, manage cases with supervising MD, participate in peripheral and neuraxial nerve block placements

Last Updated: February 13, 2017
Pre-Requisites:

1) Must be in good standing with home institution
2) Must complete and submit application form

Primary Contact:

Linda McConahey mcconahey.linda@mayo.edu
Name of Institution / Location:
MetroHealth Hospital System, Case Western Reserve University / Cleveland, OH

Institution Description:
MetroHealth Hospital Systems has been serving the Cleveland community since 1837. It is one of the nation’s largest public health providers. It has been affiliated with CWRU since 1914 (731 bed teaching hospital). It has Level I adult & pediatric trauma and a burn center. A Neonatal Intensive Care Unit is 1 of 3 Level III (top level) NICUs in Northeast Ohio. There is High Risk OB care. 800+ residents, fellows, and medical students train at MetroHealth, in greater than 30 subspecialties. Anesthesia care at the main campus is provided in our 20 surgical suites, MRI, endoscopy suites, cardiac cath labs, neuroradiology, birthing rooms (including high risk), and 3 OB surgical suites. In addition, there a 3 free standing ambulatory surgical center offering an additional 13 surgical suites and several pain procedure rooms.

Geographic Description:
Cleveland is a city with a population of 397K. It is located in northeastern Ohio on the southern shore of Lake Erie.

Facilities / Services at which students rotate:
1) Main OR
2) Ambulatory Surgery Center
3) Chronic Pain Clinic
4) Acute Pain Service
5) Obstetric Service
6) Pre-Surgical Evaluation Clinic

Approximate Core Faculty to Resident Ratio: >1:1
Approximate Number of Residents: 24
CRNAs / AAs on staff: Yes, both
Presence of CRNAs / AAs in training: Yes, both
Length of Rotation offered: 4 weeks
Call Requirement: No
Scheduled Didactic Series: Lectures 3 days per week, weekly department conference, simulator experience
Housing: Self-pay, GME Office can provide a list of available short-term options

Last Updated: April 8, 2019
**Flexibility of Scheduling:**
Some flexibility depending on number of students registered for given block

**Student Capacity:**
1 max during each block

**Months Available:**
All months except July and December

**Learning Opportunities for Student:**
Perform airway management, PIV and arterial line placements, spinal anesthesia, epidural anesthesia, and possibly regional anesthesia

**Pre-Requisites:**
1) Must have taken USMLE Step I or COMLEX 1
2) Step I score > 200 or COMLEX equivalent
3) No more than 2 failed classes on transcript of home institution
4) Must have completed clerkship in Internal Medicine or Surgery
5) Must be in good standing with home institution

**Primary Contact:**
GME Office: Kimberly Hatch – khatch@metrohealth.org
Anesthesia Department Secretary: Sue Taylor – staylor@metrohealth.org
Anesthesia Clerkship Director: Michael Bassett, MD – mbassett@metrohealth.org
Name of Institution / Location:

Oregon Health & Science University / Portland, OR

Institution Description:

OHSU is a nationally prominent research university, a 572-bed hospital, and Oregon’s only public academic health center. Our surgical facilities include a main surgical suite, a pediatric hospital, and a free-standing ambulatory surgical center.

Geographic Description:

Portland is a medium-sized city with a population of 600K. It is located in the northernmost part of the state, at the confluence of the Willamette and Columbia rivers.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory Surgery Center
3) Chronic Pain Clinic
4) Pediatric OR
5) Acute Pain Service
6) Regional Anesthesia Team
7) Obstetric Service

Approximate Core Faculty to Resident Ratio: 4:3

Approximate Number of Residents: 40

CRNAs / AAs on staff: Yes, CRNAs

Presence of CRNAs / AAs in training: Yes (SRNAs)

Length of Rotation offered: 4 weeks

Call Requirement: No

Scheduled Didactic Series: Daily lecture, weekly department conference

Housing: Self-pay, many students find resources via Rotating Room or http://www.ohsu.edu/xd/about/visiting/pdx/housing.cfm.

Flexibility of Scheduling: Some flexibility depending on number of students registered for given block

Student Capacity: Variable, 0-7

Last Updated: February 13, 2017
Months Available: August – December

Learning Opportunities for Student:

Students will be expected to perform preoperative evaluations, create an anesthetic plan, perform airway management and peripheral IV placement, run cases with supervising MD and resident. Students will rotate through various sites, including participating for a day with the regional anesthesia team, the acute pain service team, and up to a week with the pediatric anesthesia team.

Pre-Requisites:

1) Be in good academic standing and currently registered for their fourth year in a M.D. or D.O. degree program at an LCME or AOA accredited school.
2) Passed the USMLE/COMLEX Step 1 exam.
3) Completed the following core clerkships: surgery, medicine, OB/GYN, pediatrics.
4) Covered by malpractice/liability insurance at a level of $1,000,000 primary/$3,000,000 aggregate by his/her home school.

Primary Contact:

Debi Stabler  stablerd@ohsu.edu
Dawn Dillman, MD  dillmand@ohsu.edu
Name of Institution / Location:

Penn State Hershey Medical Center

Institution Description:

The Penn State Milton S. Hershey Medical Center is a 551 bed tertiary care hospital located in Central Pennsylvania and supports the free-standing Penn State Hershey Children’s Hospital which opened in February 2013, providing 131 pediatric patient beds. The medical center has dual accreditation as both a Level 1 Adult and Pediatric Trauma Center. The Residency Training Program in Anesthesiology is fully accredited by the Accreditation Council for Graduate Medical Education (ACGME). Residents and medical students receive clinical training in the full breadth and depth of practice expected of a consultant anesthesiologist by participating in all clinical activities within the Department of Anesthesiology. These activities involve all anesthetic subspecialties, including experience in cardiac (including heart transplantation), solid organ transplant (kidney, pancreas and liver), neurosurgical, vascular, orthopedic, pediatric (including complex congenital and neonatal surgery), obstetric, and trauma anesthesia. Students and residents also receive education and experience in both regional and chronic pain medicine, as well as intensive care medicine in both the surgical and neurosurgical intensive care units.

Geographic Description:

Hershey is a medium-sized city with a population of 15,000. Located in Central Pennsylvania, Hershey is located within 15 miles of state capital city of Harrisburg, as well as the local Harrisburg International Airport and several local Amtrak railway stations. The cities of Philadelphia, Baltimore, Washington DC, and New York are all within a three hour or less driving distance. The city of Hershey is well known for the local Hershey Chocolate Factory and Hersheypark Amusement Theme Park, as well as the minor league ice hockey team, the Hershey Bears.

Facilities / Services at Which Students Rotate:

1) Main Operating Complex
   a. Neurosurgical Anesthesia
   b. Cardiothoracic Anesthesia
2) Children’s Hospital Operating Complex
   a. Pediatric Anesthesia
3) Labor and Delivery Suite
   a. Obstetrical Anesthesia
4) Regional Pain Management Service
5) Chronic Pain Management Clinic

Approximate Core Faculty to Resident Ratio: 1:1

Approximate Number of Residents: 62

CRNAs / AAs on staff: Yes (CRNAs only, no AA staff)

Presence of CRNAs / AAs in training: Yes (CRNA students, no AA students)

Last Updated: February 13, 2017
Length of Rotation Offered: 4 weeks

Call Requirement: 4 total 24 hour calls (3 weekday and 1 weekend night)

Scheduled Didactic Series: Daily lectures (July & August), weekly departmental Grand Rounds conference, simulator experience

Housing: Self-pay, limited short-term housing available through the Campus Housing Office ranging from $350-$750 per month

Flexibility of Scheduling: Some flexibility depending on number of registered students per block

Student Capacity: Maximum 6 students per block

Months Available: July-September

Learning Opportunities for Student:

Perform airway management, peripheral IV insertions and assist with regional anesthesia. Direct delivery of general anesthesia with a supervising resident and attending anesthesiologist team. Clinical exposure to anesthetic subspecialties including, but not limited to, pediatric, cardiac, obstetric and neuroanesthesia.

Pre-Requisites:

1) Completion of a prior four-week anesthesiology clinical rotation or equivalent
2) Successful completion of all third year core clerkships required by home institution
3) Completion of USMLE Step I with a score >200
4) No more than 2 failed classes on transcript of home institution
5) Must be in good standing with home institution

Primary Contact:

Pam Myers: pmyers@hmc.psu.edu
Shannon Grap, MD: sgrap@hmc.psu.edu
Name of Institution/Location:

University of Arizona, Tucson, AZ

Institution Description:

The University of Arizona is a 480-bed tertiary care center and Level 1 trauma center serving southern Arizona. The Main Campus has 19 operating rooms, in addition to off-site anesthesia provided in interventional radiology, the GI suite, and the cardiac cath lab. The University of Arizona South Campus has six additional operating rooms.

Geographic Description:

Tucson is the second most populous city in Arizona with just under one million people. Its location in southern Arizona appeals to those who enjoy hiking and bicycling.

Facilities/Services at which students rotate:

1) University of Arizona- Main Campus operating rooms (general, vascular, neurosurgery, ENT and pediatrics)
2) University of Arizona- Main Campus acute pain service
3) University of Arizona- South Campus operating rooms
4) University of Arizona- South Campus chronic pain service

Approximate core faculty to resident ratio: 1:1.3

Approximate number of residents: 42

CRNAs/AAs on staff: CRNAs

Presence of CRNAs/AAs in training: No

Length of Rotation Offered: 4 weeks

Call Requirement: Dependent on assigned residents’ schedules, up to 1 overnight call per week. No call on weekends or holidays.

Scheduled Didactic Series: Daily resident lecture, weekly department conference

Student Capacity: Variable, between 1-3 rotating students per block

Housing: Students are responsible for finding and financing their own housing

Months Available: August through December
Learning opportunities for student:

Airway management, preoperative evaluation of patients, case management with residents and attending anesthesiologists, peripheral IV placement, participation in patient care with acute and chronic pain services

Prerequisites:

1) Must be in good standing with home institution currently registered for their fourth year in a M.D. or D.O. degree program at an LCME or AOA accredited school.
2) Must apply through VSAS.
3) Passed the USMLE/COMLEX Step 1 exam.
4) Completed core clerkships as required by home institution.

Contact information:

Nicole Paredes- Program Coordinator nparedes@anesth.arizona.edu
Kelly Arwari, MD- Medical Student Program Director karwari@anesth.arizona.edu
Name of Institution / Location:

University of Colorado/ Denver, CO

Institution Description:

University of Colorado Hospital is a 430 bed hospital encompassing a full range of care specialties. Our program is also affiliated with and sends residents to Childrens Hospital Colorado, Denver Health Medical Center and the local Veterans Affairs Hospital.

Geographic Description:

Denver is a major metropolitan city located in the foothills of the Rocky Mountains. University of Colorado Hospital is located in Aurora, a suburb located directly east from Denver.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory Surgery Center
3) Chronic Pain Clinic
4) Pediatric OR
5) Acute Pain Service
6) Obstetric Service
7) Transplant Service
8) Cardiac and Thoracic Service
9) Trauma Service
10) Neuro Service

Approximate Core Faculty to Resident Ratio: 4:3

Approximate Number of Residents: 45

CRNAs / AAs on staff: Yes, both

Presence of CRNAs / AAs in training: Yes

Length of Rotation offered: 2/4 weeks

Call Requirement: No

Scheduled Didactic Series: Weekly lecture, weekly department conference, weekly subspecialty conferences

Housing: Self-pay, Office of Medical Students provides list of available short-term

Flexibility of Scheduling: Some flexibility depending on number of students registered for given block

Last Updated: February 13, 2017
**Student Capacity:**
6 max during each block

**Months Available:**
Jan – Dec

**Learning Opportunities for Student:**

Wide range of diverse case exposure based on student interest. 2 Intra-op courses available, one encompassing 2 weeks of pediatrics and 2 weeks of Trauma service, and the other encompassing 4, 1-week blocks of subspecialty training chosen by student based on availability.

**Pre-Requisites:**

1) Must have taken USMLE Step I  
2) Step I score > 200  
3) No more than 2 failed classes on transcript of home institution  
4) Must be in good standing with home institution

**Primary Contact**

Krystle Wetherbee: [Krystle.Wetherbee@ucdenver.edu](mailto:Krystle.Wetherbee@ucdenver.edu)  
Bryan Ahlgren DO: [bryan.ahlgren@ucdenver.edu](mailto:bryan.ahlgren@ucdenver.edu)
Name of Institution / Location:

University of Kansas Medical Center, Kansas City, KS

Institution Description:

The University of Kansas Hospital is the region’s leading academic medical center and we are dedicated to providing excellent service, compassion, and high-quality medical care. The University of Kansas Hospital ranked nationally in 12 adult specialties in the 2014-15 US News and World Report Best Hospitals and was ranked #1 in Kansas and #1 in the Kansas City Metro area. We are a 623 bed general medical and surgical facility with over 27,000 admissions in the most recent year reported and perform over 10,000 annual inpatient and 8,700 outpatient surgeries.

Geographic Description:

A metropolitan area of 2.3 million people, Kansas City offers the diversity and excitement of a large city with the charm and convenience of Midwest living. Tree-lined neighborhoods surround the KU Medical Center Campus, which is within easy reach of the city’s top destinations, including the Nelson-Atkins Museum of Art and the Country Club Plaza, a shopping district celebrated for its architecture and pedestrian-oriented design. The campus is less then five miles from downtown Kansas City, Missouri, which is has been enhanced in recent years by the additions of an 18,000 seat arena, an entertainment district, and a $326 million performing arts center. In 2013, Travel and Leisure magazine identified Kansas City as the number one city for an affordable getaway. Kansas City offers world class shopping, restaurants, museums, and performing arts along with the NFL, MLB, MLS, NASCAR and the best barbeque on earth.

Facilities / Services at which students rotate:

1) Main operating rooms
2) Cardiothoracic ORs
3) Neurosurgical ORs
4) Acute Pain Service
5) Chronic Pain Clinic
6) Regional Anesthesia Team
7) Obstetric Service
8) Neuro Critical Care
9) Cardiothoracic Critical Care
10) Pre-operative Clinic

Approximate Core Faculty to Resident Ratio: 2:1

Approximate Number of Residents: 27

CRNAs / AAs on staff: CRNAs

Presence of CRNAs / AAs in training: Yes (SRNAs)

Length of Rotation offered: 4 weeks

Last Updated: February 13, 2017
Call Requirement: Not required, but students may elect to do so

Scheduled Didactic Series: Daily lecture, weekly departmental conference, monthly Journal Club

Housing: Not provided

Flexibility of Scheduling: Flexible scheduling available on case by case basis.

Student Capacity: Typically 2 away students per 4 week rotation

Months Available: Jan-Dec

Learning Opportunities for Student:

Students will perform pre-operative and post-operative assessment, airway management, peripheral IVs and participate in placement of invasive monitors, spinal, epidural, and peripheral nerve blocks. As well as participate in the direct delivery of anesthesia with a supervising resident and attending anesthesiologist team. Students may also rotate in the ICUs or Chronic Pain Clinic.

Pre-Requisites:

1) Currently in good standing at an LCME accredited medical school or AOA accredited school of osteopathic medicine
2) Approved by your home institution to participate in an away elective at KUMC
3) Have passed USMLE/COMLEX Step 1
4) Covered by at least $3,000,000 aggregate/$1,000,000 instance worth of malpractice insurance
5) Completion of HIPAA training at your home school
6) Personal health insurance coverage
7) Completion of KUMC’s immunization requirements
8) Reviewed KUMC’s exposure protocols
9) Passage of a criminal background check. If you have not completed a criminal background check, you must complete one through KUMC’s vendor prior to submitting your application.
10) Have completed the following core clerkship requirements before the rotation begins:
   - Surgery
   - Medicine
   - Psychiatry
   - Family Medicine
   - OB/Gyn
   - Pediatrics

Primary Contact:

http://www.kumc.edu/student-services/enrollment-services/current-students/more-information/visiting-medical-students.html
Anesthesiology Clerkships for Visiting 4th Year Medical Students

Name of Institution / Location:

University Hospitals Case Medical Center, Cleveland, OH

Institution Description:

UHCMC is a 1032-bed tertiary medical center specializing in adult/pediatric medical and surgical specialties. University Hospitals Case Medical Center is also an affiliate of Case Western Reserve University. Our surgical facilities include a main surgical suite, a pediatric surgical suite, an ambulatory surgical center, and a dedicated women’s hospital.

Geographic Description:

UH Case Medical Center is located in University Circle, Cleveland’s vibrant cultural center. University Circle is home to world-renowned museums, gardens, restaurants, theater, and educational institutions. Many renowned sites are within walking distance or a short drive of UH Case Medical Center, or are on public transportation routes.

Facilities / Services at which students can rotate:

1) Main OR (including general surgery, organ transplantation, robotic surgery, plastics, cardiovascular, thoracic, neurosurgery, orthopedics, gynecologic, ENT, and urologic procedures)
2) Ambulatory Surgery Center
3) Pediatric OR
4) Obstetric Service
5) Chronic Pain Clinic

Approximate Core Faculty to Resident Ratio: 1:2

Approximate Number of Residents: 48

CRNAs / AAs on staff: Yes, both

Presence of CRNAs / AAs in training: Yes (both CRNA and AA students)

Length of Rotation offered: 4 weeks

Call Requirement: No (Optional Weekend Opportunities Available)

Scheduled Didactic Series: Weekly resident/medical student lecture, weekly departmental conference/grand rounds, and optional simulator experience

Last Updated: February 13, 2017
Housing: Neither CWRU School of Medicine nor our affiliated hospitals provide housing or meals for visiting students. Arrangements for meals and housing are made by the individual student.

Flexibility of Scheduling: Many flexible scheduling options (rotation currently is Monday through Friday with no weekend or call responsibilities)

Student Capacity: 4 max during each academic block

Months Available: Our program takes 4 MS4 rotators from August to December, 2 MS4 rotators from Jan – June, and none in July (subject to change in near future)

Learning Opportunities for Student:

Provide an understanding of the Anesthesiologist’s role in the perioperative care of surgical patients including preoperative evaluation, intraoperative administration of anesthesia, and postoperative management.

Provide both basic knowledge and technical skills of anesthesia for a variety of cases in the adult and pediatric patient population.

Understand the basics of resuscitation and airway management.

Pre-Requisites:

1) Must have taken USMLE Step I
2) Step I score > 200
3) Must be in good standing with home institution

Primary Contact:

Christine Adamovich: christine.adamovich@uhhospitals.org
Residency Academic Education Coordinator

Jafer Ali, MD: jafer.ali@uhhospitals.org
Clinical Anesthesia Clerkship Director

Please Visit Website Below for FAQs http://casemed.case.edu/registrar/visitingstudents/
Name of Institution / Location:
University of Massachusetts Medical School/ Worcester, MA

Institution Description:
UMass Memorial Medical Center consists of three primary campuses. University campus is a Level I Trauma Center and has 10 operating rooms. Memorial campus has 16 operating rooms and Obstetric Anesthesiology. Hahnemann campus is a free-standing ambulatory surgical center where regional anesthesia is used as a mainstay of chosen anesthesia techniques.

Geographic Description:
Worcester is a city with a population of approximately 180,000. It is located 40 miles west of Boston.

Facilities / Services at which students rotate:

1) Main OR  
2) Ambulatory Surgery Center  
3) Chronic Pain Clinic  
4) Community Hospital  
5) Acute Pain Service

Approximate Core Faculty to Resident Ratio: 2:1

Approximate Number of Residents: 24

CRNAs / AAs on staff: Yes, CRNAs

Presence of CRNAs / AAs in training: Yes (CRNA students)

Length of Rotation offered: 4 weeks

Call Requirement: No

Scheduled Didactic Series: Weekly lectures, weekly department conference

Housing: Self-pay

Flexibility of Scheduling: Some flexibility depending on number of students registered for given block

Student Capacity: 4 max during each block

Months Available: Year round

Last Updated: February 13, 2017
**Learning Opportunities for Student:**

Airway management, PIV and arterial line placements, regional anesthesia exposure, run cases with supervising MD

**Pre-Requisites:**

1) Must have taken USMLE Step I
2) Must be in good standing with home institution

**Primary Contact:**

Lisa Nicholson, Lisa.Nicholson@umassmed.edu
Nathanael Slater, MD, Nathanael.Slater@umassmemorial.org
Rebecca Zanconato, MD, Rebecca.Zanconato@umassmemorial.org
Name of Institution / Location:

University of Miami/Jackson Memorial Hospital / Miami, FL

Institution Description:

University of Miami/Jackson Memorial Hospital residency program is located in Miami, Florida. Our residents are based out of Jackson Memorial Hospital, one of the largest hospitals in the country with a world renowned free standing trauma center and a large diversity of clinical cases involving pediatric, cardiac, obstetrics, trauma, and transplant to name a few. Residents also rotate through several nearby hospitals including the number one rated eye hospital, Bascom Palmer Eye Institute, and University of Miami Hospital.

Geographic Description:

Miami is a large metropolitan city in southeast of Florida. This allows our residents to experience a large melting pot of patients from South America and Europe that leads to an incredible clinical experience in a very vibrant city.

Facilities / Services at which students rotate:

1) Main OR
2) Ryder Trauma Center
3) Intensive Care Unit
4) Obstetric Service

Approximate Core Faculty to Resident Ratio: 1:1.1
Approximate Number of Residents: 90
CRNAs / AAs on staff: Yes, CRNAs
Presence of CRNAs / AAs in training: Yes, both
Length of Rotation offered: 4 weeks
Call Requirement: Not required, but encouraged
Scheduled Didactic Series: Weekly lecture, weekly department conference, simulator sessions
Housing: Self-pay
Flexibility of Scheduling: Good flexibility depending on number of students registered for given block
Student Capacity: 2-4 during each block
Months Available: September-April

Learning Opportunities for Student:

Function as a senior medical student with clinical capabilities including but not limited to: conventional and novel airway management, vascular access, simulation, lectures, etc.

Pre-Requisites:

1) Must have taken USMLE Step I
2) No failed classes on transcript of home institution
3) Must be in good standing with home institution

Primary Contact:

Yokasta Cruz – YCruz@med.miami.edu
Christian Diez MD, MBA – Cdiez@med.miami.edu
Name of Institution / Location:

University of New Mexico / Albuquerque, NM

Institution Description:

UNM Hospital is a 580-bed hospital that serves as New Mexico's only Level I Trauma Center. Our surgical facilities include a main surgical suite, a pediatric surgical suite, and a free-standing ambulatory surgical center where regional anesthesia is used as a mainstay of chosen anesthesia techniques.

Geographic Description:

Albuquerque is a medium-sized city with a population of 550K. Located in central New Mexico, the city is served by two crossing interstates.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory Surgery Center
3) Chronic Pain Clinic
4) Pediatric OR
5) Acute Pain Service
6) Obstetric Service

Approximate Core Faculty to Resident Ratio: 4:3

Approximate Number of Residents: 27

CRNAs / AAs on staff: Yes, both

Presence of CRNAs / AAs in training: Yes (AA students)

Length of Rotation offered: 4 weeks

Call Requirement: Yes (~1-2)

Scheduled Didactic Series: Weekly lecture, weekly department conference, with simulator experience

Housing: Self-pay, Office of Medical Students provides list of available short-term options ranging from $300-$650/mo

Flexibility of Scheduling: Some flexibility depending on number of students registered for given block

Student Capacity: 4 max during each block

Last Updated: February 13, 2017
Months Available: Jan – Dec

Learning Opportunities for Student:

Perform regional anesthesia, airway management, PIV and arterial line placements, spinal anesthesia, run cases with supervising MD, and run own cases in simulator.

Pre-Requisites:

1) Must have taken USMLE Step I
2) Step I score > 200
3) No more than 2 failed classes on transcript of home institution
4) Must be in good standing with home institution

Primary Contact:

Nichole Bordegaray: Nbordegaray@salud.unm.edu
Name of Institution / Location:

University of Oklahoma / Oklahoma City, OK

Institution Description:

OUMC Hospital is a 665-bed hospital that serves as Oklahoma's only Level I Trauma Center. Our surgical facilities include a main surgical suite, a pediatric surgical suite, a free-standing ambulatory surgical center, and a Veterans Affairs Hospital.

Geographic Description:

Oklahoma City is a medium-sized city with a population of approximately 1.3 million. Located in central Oklahoma, the city is served by two crossing interstates, I-40 and I-35.

Facilities / Services at which students rotate:

1) Main OR  
2) Pediatric OR  
3) Obstetric Service  
4) Acute Pain Service  
5) Chronic Pain Clinic

Approximate Core Faculty to Resident Ratio: 1:1

Approximate Number of Residents: 48

CRNAs on staff: Yes

Presence of CRNAs in training: No

Length of Rotation offered: 4 weeks

Call Requirement: No, but students are welcome to stay late or take a call for the experience if they wish.

Scheduled Didactic Series: Daily lecture, weekly department conference (with simulator experience).

Housing: Self-pay. (OU does not provide institutional sponsored housing, but there are several affordable off-campus hotels/motels near the OUHSC campus).

Flexibility of Scheduling: Some flexibility depending on number of students registered for given block.

Student Capacity: 4 max during clinical course, 2-4 max in each other sub-specialty
**Months Available:** July – June

**Learning Opportunities for Student:**

Perform regional anesthesia, airway management, PIV and arterial line placements, spinal anesthesia, assist with managing cases with supervising MD.

**Pre-Requisites:**

1) Must have taken USMLE Step I/COMLEX
2) Official Transcript; Must reflect clerkship rotations: Med, Surg, OB, Gyn, Ped, Psy, and Fam Med
3) ACLS/BLS
4) Proof of Professional Liability Insurance
5) Health Insurance Verification
6) Criminal Background Check
7) OU HIPAA Training
8) Confidentiality Agreement

**Primary Contact:**

Matthew Wilson: Matthew-E-Wilson@ouhsc.edu
Stephen Heimbach, MD: Stephen-Heimbach@ouhsc.edu
Name of Institution / Location:

University of California, San Francisco / San Francisco, CA

Institution Description:

Info on website -- http://www.ucsfhealth.org/about/

Geographic Description:

San Francisco encompasses a land area of about 46.9 square miles

Facilities / Services at which students rotate:

1) Main OR
2) Chronic Pain Clinic
3) Acute Pain Service
4) Obstetric Service
5) Preoperative Clinic

Approximate Core Faculty to Resident Ratio: 4:3

Approximate Number of Residents: 75

CRNAs / AAs on staff: CRNAs only

Presence of CRNAs / AAs in training: No

Length of Rotation offered: 2-4 weeks

Call Requirement: Depends on elective course

Scheduled Didactic Series: Weekly lecture, weekly department conference, weekly journal club

Housing: Self-pay. We do not provide assistance with housing. Housing information is available online (http://campuslifeservices.ucsf.edu/housing/) and are not inspected by the University.

Flexibility of Scheduling: No

Student Capacity: Depending on the elective, 1-4 max during each block

Months Available: Jan – Dec (except July)
Learning Opportunities for Student:

Preoperative evaluation & plan development; anesthetic preparation; airway management; intraoperative anesthetic care; emergence & postoperative care.

Pre-Requisites:

1) Must have taken USMLE Step I
2) Must be in good standing with home institution
3) Completion of Anesthesia clerkship or Medicine & Surgery clerkship

Primary Contact:

Marie Lim: clerkships@anesthesia.ucsf.edu
Mark Rollins, MD, PhD: Mark.Rollins@ucsf.edu
**Name of Institution / Location:**

**University of Texas Health Science Center at Houston/McGovern Medical School / Houston, Texas**

**Institution Description:**

McGovern Medical School is the seventh largest medical school in the United States.

**Geographic Description:**

Located in the heart of the Texas Medical Center, the school was established by the Texas Legislature in 1969 to address the shortages of physicians and the then-untapped resources for medical education in Houston.

**Facilities / Services at which students rotate:**

Memorial Hermann Hospital – Texas Medical Center

**Approximate Core Faculty to Resident Ratio:** Clinically, resident to faculty ratios are no more than 2:1 but quite often are 1:1. Total number of Anesthesiology faculty is 97. Total number of residents including PGY1 is 101.

**Approximate Number of Residents:** 101 including fellows in CV, pediatrics, critical care, pain medicine and trauma.

**CRNAs / AAs on staff:** 35

**Presence of CRNAs / AAs in training:** AA students at Memorial Hermann Hospital work solely with AAs and not with residents or medical students.

**Length of Rotation offered:** 4 weeks/Monthly

**Call Requirement:** None

**Scheduled Didactic Series:** Multiple noon lectures per week from faculty and chief residents.

**Housing:** Housing is not provided however we have a list of extended stay locations that our former students have recommended.

**Flexibility of Scheduling:** We prefer students rotate on the McGovern block system. However, we are flexible with these dates. Visiting students may miss a total of 4 days.

**Student Capacity:** 6 visiting students per block.
Months Available: July-January

Learning Opportunities for Student: Students will observe and participate in all areas of clinical care. They will be paired with various residents throughout their rotation. All students will spend 2 weeks in the general operating rooms. The final 2 weeks of time is spent on the specialty of the student’s choice. Options include pediatrics, obstetrics, cardiovascular, critical care, acute pain and regional anesthesia.

Pre-Requisites:

1) Completion of VSAS application.
2) Approval from student affairs office at McGovern Medical School.
3) Good standing in medical school.

Primary Contact:

Course Director:
Travis Markham – Travis.H.Markham@uth.tmc.edu

Course Coordinator:
Kristelle Grant Deterville – Kristelle.Grant@uth.tmc.edu
Name of Institution / Location:

University of Texas Health Science Center at San Antonio, Texas

Institution Description:

UT Health Science Center has three degree-granting schools and a University Health System of hospitals and clinics. University Hospital, the main training hospital, has over 700 patient beds and is rated as a Level 1 Trauma Hospital.

Geographic Description:

San Antonio is the 7th largest city in the United States and has something to offer for any taste, from dining and shopping to outdoor fun, local sports attractions, culture and fascinating historical landmarks. San Antonio is located on the northern edge of the Coastal Plains and the start of the hill country in Texas enjoying a moderate climate throughout the year. Our residents train primarily in University Hospital and the Audie L. Murphy Veterans Hospital located next door to the University Hospital.

Facilities / Services at which students rotate:

1) University Hospital
2) Audie L. Murphy Veterans Hospital
3) UT Medicine Pain Consultants Clinic at Westgate Medical Center
4) Santa Rosa Children’s Hospital

Approximate Core Faculty to Resident Ratio: Clinically, resident to faculty ratios are no more than 2:1 but quite often are 1:1. Total number of anesthesiology faculty is 53. Total number of anesthesiology residents is 56.

Approximate Number of Residents: 56 Residents & 8 Fellows in Pain and Critical Care

CRNAs / AAs on staff: 45

Presence of CRNAs / AAs in training: Yes

Length of Rotation offered: 13 - 4 week blocks

Call Requirement: None

Scheduled Didactic Series: Daily didactics include lectures by faculty, low and high-fidelity simulation sessions, and medical student case presentations.

Housing: Housing is not provided however we have a list of extended stay locations that our former students have recommended.

Last Updated: February 13, 2017
**Flexibility of Scheduling**

We prefer visiting students to rotate on the UTHSCSA medical school calendar. We do require four contiguous weeks and a maximum of 3 days away from the rotation (i.e. for interviewing) to get credit for the elective.

**Student Capacity**

3 students per rotation per course available

**Months Available**

September – January

**Learning Opportunities for Student:**

Perform regional anesthesia, airway management, PIV and arterial line placements, spinal anesthesia, run cases with supervising MD. In addition to general anesthesia, the students will participate in OB anesthesia, Cardio thoracic anesthesia, and Pain management.

**Pre-Requisites:**

1) Must have taken and passed USMLE Step I > 210/ or Comlex
2) Must be up to date with immunizations
3) Must be in good standing with home institution
4) Must have liability insurance through home medical school
5) Completion of Medicine & surgery clerkship
6) Health Insurance Verification
7) ACLS/BLS
8) Criminal Background Check

**Primary Contact:**

Barbara Buchanan: buchananb@uthscsa.edu
Name of Institution / Location:

**University of Texas Southwestern Medical Center / Dallas, TX**

Institution Description:

UT Southwestern consists today of three degree-granting schools and a University Health System of hospitals and clinics.

Geographic Description:

UT Southwestern Medical Center is located in the heart of the Southwestern Medical District – a nearly 400-acre medical complex 10 minutes north of downtown Dallas that incorporates UT Southwestern, Children’s Medical Center Dallas, and Parkland Memorial Hospital. The district is bordered by Mockingbird Lane, Medical District Drive, Interstate 35E (Stemmons Freeway), and Maple Avenue.

Facilities / Services at which students rotate:

1) Parkland Memorial Hospital  
2) Zale Lipshy University Hospital  
3) Clements University Hospital  
4) Texas Scottish Rite

Approximate Core Faculty to Resident Ratio:  
Clinically, resident to faculty ratios are no more than 2:1 but quite often are 1:1. Total number of anesthesiology faculty is 149. Total number of anesthesiology residents is 91.

Approximate Number of Residents:  
91 Residents & Fellows in critical care medicine, pain, cardiac, OB, and pediatric anesthesia

CRNAs / AAs on staff:  
65

Presence of CRNAs / AAs in training:  
2 per month

Length of Rotation offered:  
4 week blocks

Call Requirement:  
None

Scheduled Didactic Series:  
Daily didactics include lectures by faculty, low and high-fidelity simulation sessions, and medical student case presentations.

Housing:  
Housing is not provided however we have a list of extended stay locations that our former students have recommended.
**Flexibility of Scheduling**

We prefer visiting students to rotate on the UTSW medical school calendar but are flexible in providing dates that work. We do require four contiguous weeks and a maximum of 4 days away from the rotation (i.e. for interviewing) to get credit for the elective.

**Student Capacity:**

8 UTSW students & 6 visiting medical students

**Months Available:**

12 periods - Rotations available throughout the year

**Learning Opportunities for Student:**

Students will observe and participate in clinical care at all of our clinical sites. In addition to general anesthesiology, students have an opportunity to participate in subspecialty anesthesia care including pain management and regional anesthesia, pediatric anesthesia, cardiovascular anesthesia, and anesthesia for neurosurgical procedures.

**Pre-Requisites:**

Good standing in medical school, completion of the Visiting Student Application Form, Up-to-date immunizations.

**Primary Contact:**

Aditee Ambardekar: aditee.ambardekar@utsouthwestern.edu
Admin: Brian Frasure: brian.frasure@utsouthwestern.edu
5323 Harry Hines Blvd
Dallas, TX  75390
Name of Institution / Location:

University of Virginia/ Charlottesville, VA

Institution Description:

The University of Virginia (UVA) Health System is a tertiary care hospital system based in Charlottesville, Virginia. In 2018 it was named the best hospital in Virginia by US News and World Report. This academic institution is part of Thomas Jefferson’s original university, and currently includes the School of Medicine, and the School of Nursing. The Health System operates satellite locations throughout multiple neighboring counties within the Commonwealth of Virginia. The main hospital campus includes a 600+ bed inpatient facility and level I trauma center, multiple specialty critical care units, over 30 main hospital operating room suites, a 12 operating room outpatient surgery center, active labor and delivery unit, acute pain service, and outpatient pain clinic. Surgical subspecialties represented include general, cardiac, thoracic, vascular, neurosurgery, ENT, orthopedic, plastics, urologic, gynecologic, and endoscopic among others.

Geographic Description:

Charlottesville is centrally located in Virginia, just east of the beautiful Blue Ridge Mountains. Washington DC is 2.5 hours to the north, and Richmond is 1 hour to the east. The population of the town is roughly 45000. Charlottesville is frequently listed among the best places to live in the country due its proximity to extensive outdoor activities, civic and health-conscious citizens, historic landmarks such as the homes of Thomas Jefferson and James Monroe, fine restaurants, unique shops, wineries, and breweries. Charlottesville has its own regional airport, Amtrak Station, and is easily accessible by car.

Facilities / Services at which students rotate:

Students will rotate through operating rooms at the main University Hospital, Outpatient Surgery Center, and inpatient Acute Pain Service. Cases can include any of the aforementioned subspecialty surgeries and can be tailored to some extent if a particular field is of interest. Rotation through the outpatient pain clinic can also be arranged for interested students.

Approximate Core Faculty to Resident Ratio: 1:1

Approximate Number of Residents: 60

CRNAs / AAs on staff: CRNAs

Presence of CRNAs / AAs in training: We will occasionally have 1-2 SRNAs across all sites

Length of Rotation offered: 4 weeks

Last Updated: April 1, 2019
Call Requirement: None. If desired or required by your home institution, this can be arranged.


Housing: Housing is arranged by the student. Our medical education coordinator can help with this. We are now pleased to offer a $1500 stipend to 1-2 qualified applicants per year. [https://med.virginia.edu/anesthesiology/2019/04/announcement-new-scholarship-for-visiting-4th-year-anesthesiology-4-week-elective-rotation/](https://med.virginia.edu/anesthesiology/2019/04/announcement-new-scholarship-for-visiting-4th-year-anesthesiology-4-week-elective-rotation/)

Flexibility of Scheduling: Student’s preferred block should be stated through the VSAS application process. We make every effort to give accepted applicants their first choice slot.

Student Capacity: Summer and Fall maximums are between 6 and 8 students per 4-week block including internal UVA students. Typically, this means 4 visiting students per month.

Months Available: May - September

Learning Opportunities for Student:

Participation in daily operative anesthesia to include hands on airway management, use of anesthesia machine, medication preparation and delivery, venous access, arterial access, observation of neuraxial and regional anesthesia, +/- interventional pain procedures. Performing history and physical exams, presenting and discussing anesthetic plans, potentially assessing unstable patients in or out of the operating room.

Pre-Requisites: VSAS application. Must be enrolled in a US allopathic medical school (we unfortunately are not yet able to offer visiting spots to DO candidates). Completed USMLE Step I.

Primary Contact:

Lisa Morton, Medical Education Coordinator [LM7CB@hscmail.mcc.virginia.edu](mailto:LM7CB@hscmail.mcc.virginia.edu)

Anesthesiology Department Rotation Information: [https://med.virginia.edu/anesthesiology/education/anesthesiology-for-medical-students/4th-year-elective/](https://med.virginia.edu/anesthesiology/education/anesthesiology-for-medical-students/4th-year-elective/)
Anesthesiology Clerkships for Visiting 4th Year Medical Students

Name of Institution / Location:

University of Wisconsin School of Medicine and Public Health/University of Wisconsin Hospital & Clinics, Madison, WI

Institution Description:

University of Wisconsin Hospital and Clinics is a 566-bed facility that ranks among the finest academic medical centers in the United States. With more than 1,200 UW Health physicians and 85 outpatient clinics, UW Hospital and Clinics also offers six intensive care units (trauma and life support, pediatric, cardiac, cardiothoracic, burn, neurosurgery) with 83 total beds. UW Hospital and Clinics is one of only two organizations in Wisconsin with designated Level One adult and pediatric trauma centers.

Geographic Description:

Madison, the capital of Wisconsin, offers a quality of life second to none. Home to approximately 230,000 people, Madison has been the perennial recipient of countless awards and accolades. In just the past few years Madison has been recognized as one of the top ten healthiest, most bike friendly, and most secure cities, as well as one of the top ten places to buy a home and to raise a family.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory OR
3) Chronic Pain Clinic (elective)
4) Pediatric OR
5) Acute Pain Service (elective)
6) Obstetric Service (elective)

Approximate Core Faculty to Resident Ratio: 2:1

Approximate Number of Residents: 47

CRNAs / AAs on staff: Yes, both

Presence of CRNAs / AAs in training: No

Length of Rotation offered: 4 weeks (negotiable)

Call Requirement: No

Scheduled Didactic Series: Weekly department case conference, weekly Grand Rounds, weekly resident lectures, monthly Journal Club, simulator experience

Last Updated: February 13, 2017
Housing: The University of Wisconsin School of Medicine and Public Health in Madison does not provide housing, meals or transportation for visiting students. Short-term housing availability is listed in the Medical Student Association MarketPlace (http://uwmedstudents.com/uw-medical-student-marketplace/)

Please note: There is no parking available at University of Wisconsin Hospital and Clinics (Clinical Science Center, or CSC). After your complete application has been received, and you have been accepted and registered for your clerkships, you may e-mail the visiting students coordinator at studentservices@med.wisc.edu to obtain information about independent community members who are willing to rent rooms to visiting students on a short-term basis.

Flexibility of Scheduling: Some flexibility depending on number of students registered for given block

Student Capacity: 4 max during each block

Months Available: Oct – Jan

Learning Opportunities for Student:
An apprenticeship in anesthesiology from preop assessment to postop management. Emphasis is on peri-operative patient management, including communication skills, airway management, needle technique, physiology and pharmacology related to anesthesia and disease states.

Pre-Requisites:
Due to high demand and limited availability, we ask that interested candidates email or fax a CV, cover letter and transcript to Dee Mussehl (mussehl@wisc.edu or fax: 608-262-1061). Accepted students will be notified and should then arrange the rotation through the UW School of Medicine and Public Health. Application instructions and eligibility requirements can be found at the following web page: http://www.med.wisc.edu/education/visiting-students/main/377

Primary Contact:
Denise Mussehl: mussehl@wisc.edu
Anesthesiology Clerkships for Visiting 4th Year Medical Students

Name of Institution / Location:

Vanderbilt University School of Medicine / Nashville, TN

Institution Description:

Vanderbilt University Medical Center is a 966-bed facility and a Level 1 trauma center that provides trauma care for 65,000 square miles. Vanderbilt’s Perioperative Services consists of 61 adult ORs as well as 19 pediatric ORs in Monroe Carell Jr. Children’s Hospital. In the most recent year, 22,000 inpatient and 28,000 outpatient surgeries were performed.

Geographic Description:

Nashville is the state capital and the second-largest city in Tennessee. It is located in the north-central part of the state on the Cumberland River. The city population is estimated at 612,000 while the Nashville metropolitan statistical area is estimated to have 1.73 million people. Nashville is most notably known as the center of the music industry, earning it the nickname Music City. Nashville is also a center for health care, banking, and transportation industries and is home to a large number of colleges and universities led by Vanderbilt University. The city has a vibrant music and entertainment scene spanning a variety of genres.

Facilities / Services at which students rotate:

1) Vanderbilt University Medical Center – adult main operating room (MOR)
2) Obstetrical anesthesia
3) Perioperative Anesthesia Consult Service
4) Critical care
5) Vanderbilt’s Monroe Carell Jr. Children’s Hospital – Pediatric Anesthesiology

Approximate Core Faculty to Resident Ratio: 1:1

Approximate Number of Residents: 72

CRNAs / AAs on staff: yes CRNAs, no AAs

Presence of CRNAs / AAs in training: yes SRNAs

Length of Rotation offered: 4-week rotation

Call Requirement: 1 weekend call and 1 weekday night call


Housing: Self pay. Housing resources can be reviewed on the following website: https://medschool.vanderbilt.edu/md-admissions/housing

Last Updated: February 13, 2017
Flexibility of Scheduling: Visiting medical students must start the rotation on the first day of Vanderbilt’s academic rotation schedule.

Learning Opportunities for Student:

There are two 4-week anesthesiology electives offered:
ANES-5610: Perioperative Medicine and Surgical Home - This course is designed to emphasize the concepts of coordinated perioperative medicine and enhanced recovery after surgery (ERAS). Evidence-based guidelines, optimization/standardization of perioperative care, and multimodal strategies to decrease postoperative morbidities are key components of ERAS. The student will function as integral part of the Perioperative Anesthesia Consult Service and learn fundamental aspects of anesthetic care that maximize perioperative pain control and reduce morbidity and healthcare costs related to cardiac, pulmonary, renal, endocrine, PONV complications or surgical site infections. The student will have an opportunity to be involved in the preoperative, intraoperative, and postoperative management of surgical patients on ERAS pathways.
   - Student Capacity: 3 students/month
   - Months Available: all months

ANES-5611: Advanced Clinical Anesthesiology – This four-week rotation provides an overview of the anesthesiologist’s role as a perioperative physician. Course content will emphasize the following principles: preoperative assessment, development and execution of an anesthetic plan (including induction of anesthesia, airway management, maintenance of anesthesia, and emergence), and management of acute pain. This course will also allow the student to explore various anesthesiology subspecialties. This course will also allow the student to explore various anesthesiology subspecialties. In addition with working in the main operating room (MOR) setting, students may spend time with the obstetrical anesthesia department, pediatric anesthesia department, Perioperative Anesthesia Consult Service, and/or critical care physicians.
   - Student Capacity: 2 students/month
   - Months Available: all months except June

Pre-Requisites:

1. Step I score > 220
2. VSAS application
3. For additional requirements specified by Vanderbilt School of Medicine, please refer to the following website: https://medschool.vanderbilt.edu/md-admissions/visiting-medical-students

Primary Contact:

Amy C. Robertson, MD
Director of Anesthesiology Medical Student Education
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Name of Institution / Location:

Yale University School of Medicine

Institution Description:

YNHH Hospital is a 700-bed hospital that serves as New Haven’s only Level I Trauma Center. Our surgical facilities include a main surgical suite, a pediatric surgical suite, and a free-standing ambulatory surgical center where regional anesthesia is used as a mainstay of chosen anesthesia techniques.

Geographic Description:

New Haven is the second-largest city in Connecticut with a population of 129,779 people. According to a New Haven is the principal municipality in Greater New Haven, which had a total population of 862,477 in 2010. It is located on New Haven Harbor on the northern shore of the Long Island Sound in New Haven County, which in turn comprises a part of the New York metropolitan area.

Facilities / Services at which students rotate:

1) Main OR
2) Ambulatory Surgery Center
3) Chronic Pain Clinic
4) Pediatric OR
5) Acute Pain Service
6) Obstetric Service

Approximate Core Faculty to Resident Ratio: 2:1

Approximate Number of Residents: 54

CRNAs / AAs on staff: Yes, both

Presence of CRNAs / AAs in training: Yes

Length of Rotation offered: 4 weeks

Call Requirement: No

Scheduled Didactic Series: Weekly lecture, weekly department conference, with simulator experience

Housing: Self-pay, Office of Medical Students provides list of available short-term options

Flexibility of Scheduling: 4 week block. Check for specific dates

Student Capacity: 4 max during each block

Last Updated: February 13, 2017
**Months Available:** Nov to May

**Learning Opportunities for Student:**

Perform, airway management, PIV and arterial line placements, regional anesthesia and run cases with supervising MD.

**Pre-Requisites:**

1) Must have taken USMLE Step I  
2) Step I score > 200  
3) Must be in good standing with home institution

**Primary Contact:**

All students from US LCME accredited allopathic institutions wishing to visit Yale for a clinical elective need to apply using the AAMC Visiting Student Application Service (VSAS) at [www.aamc.org/vsas](http://www.aamc.org/vsas). **Paper applications will NOT be accepted**
Programs That Do Not Accept Visiting Students

1) TBD