Below is a full listing of ACGME-accredited vascular surgery training programs (both integrated residency and fellowship programs). Program descriptions are listed if available. Details are also available in the 2017 SVS Vascular Annual Meeting Residency Fair Directory.

Albany Medical Center
Albany, NY
Program Contact: chiacchiak@albanyvascular.com
Website: http://amc.edu/academic/gme/programs
Paradigms Offered: 5+2, 0+5
The Vascular Surgery Program is an ACGME accredited training program offered by Albany Medical Center. Vascular surgery residents and fellows are trained in a stimulating atmosphere which upholds the highest quality of vascular care. Our aim is to prepare and train surgeons to become eligible and qualified to become Board Certified by the American Board of Vascular Surgery. Residents and Fellows are exposed to a multitude of surgical areas in combination with a strong didactic vascular curriculum so that they may become competent surgeons and future leaders in the field. A varied caseload and individual expertise of our faculty contribute to the development and understanding of operative skills, planning, and vascular principles. The Department of Vascular Surgery enjoys a close camaraderie not only amongst residents and fellows, but also faculty and the vascular staff. Several characteristics of the Vascular Surgery program are: • Outstanding academic quality • Residents/Fellows work closely with a variety of specialists • Flexibility and individualization of the program to meet specific educational goals • Diverse faculty • Supportive staff and colleagues • New/unique affiliation or facility

Albert Einstein College of Medicine
Bronx, NY
Paradigms Offered: 5+2, 0+5

Allegheny General Hospital-Western Pennsylvania Hospital Medical Education Consortium (AGH)
Pittsburgh, PA
Program Contact: mzrimsek@wpahs.org
Paradigms Offered: 5+2, 0+5
In addition to the integrated (PGY1-5) residency program, we offer a unique integrated sequential vascular surgery and thoracic surgery residency pathway (PGY1-7). Trainees in this pathway will have the opportunity to undertake a 2-year accredited thoracic surgery residency program, making them eligible for certification in both vascular surgery and cardiothoracic surgery. Upon completion, the surgeon will have a broad and unique set of skills encompassing vascular, cardiac and thoracic surgery.

Baylor College of Medicine
Houston, TX
Program Contact: nbarshes@bcm.edu
Website: https://www.bcm.edu/departments/surgery/divisions/vascular-surgery-and-endovascular-therapy/vascular-surgery-residency
Paradigms Offered: 5+2, 0+5
The primary goal of both programs is to produce highly competent vascular surgeons who achieve board certification and enter independent practice fully prepared to offer the highest standards of vascular care. In addition, the integrated program is intended to produce leaders and innovators in the field of vascular disease who educate patients, train residents, direct important research, create new treatment algorithms and develop new treatment methodologies and devices designed to improve patient outcomes.

Baylor University Medical Center
Dallas, TX
Program Contact: dalilajordan@bswhealth.org
Paradigms Offered: 5+2
Baylor University Medical Center at Dallas' Vascular Surgery Fellowship program is fully accredited by the Accreditation Council for Graduate Medical Education (ACGME). The program offers two fellowship positions annually through the National Residency Matching Program (NRMP). The two-year fellowship is devoted exclusively to general vascular surgery.

Beth Israel Deaconess Medical Center
Boston, MA
Program Contact: ldivince@bidmc.harvard.edu
Website: http://www.bidmc.org/Medical-Education/Departments/SurgicalEducation/Training-Programs/Vascular-Surgery.aspx
Paradigms Offered: 5+2, 0+5
The overall goal of the vascular surgery residency program is to prepare residents to function as qualified practitioners of vascular surgery at the high level of performance expected of a board-certified specialist by providing comprehensive clinical training in vascular surgery, basic science or clinical research experience for the resident, excellent surgical and medical care. By accomplishing these goals, we hope to produce trainees who will be able to successfully pursue a career in academic surgery or enter private practice in Vascular Surgery. Overall, the program is designed with graduated responsibility and supervision at each level of training.

Boston University Medical Center
Boston, MA
Program Contact: lana.ketlere@bmc.org
Website: http://www.bumc.bu.edu/surgery/training/fellowships/vascular-and-endovascular-fellowship/
Paradigms Offered: 5+2
The Vascular Surgery Residency Training Program is an Accreditation Council of Graduate Medical Education (ACGME) two year program and currently accepts one new resident per year (total of two residents at any one time). For over 30 years, the program has been providing trainees with a diverse and challenging clinical and surgical experience supported by innovative didactic and research
opportunities. We are proud to maintain a healthy balance between open vascular surgery and endovascular therapy. This guarantees that our trainees, upon graduation, are competent open vascular surgeons. We have full access to state-of-the-art endovascular suites and have a robust endovascular practice. Due to our unique and close relationship with the sections of interventional cardiology and radiology, our trainees have the opportunity to learn technical endovascular skills not only from vascular surgeons but also from other interventionalists, thus broadening their endovascular skill-set. Since we are committed to the academic mission, we expect our trainees to participate in academic endeavors during the course of their training. At the beginning of the residency our trainees choose to pursue several clinical research projects and are expected to both present their results at vascular meetings and author several manuscripts. We believe that this experience serves our trainees extremely well regardless of whether or not they eventually choose a career in academic medicine. We have a robust multidisciplinary academic calendar which includes case conferences, journal clubs, didactic sessions on topics of controversy in vascular surgery and vascular laboratory conferences. Our trainees are expected to actively participate and play a leadership role in these conferences.

**Brigham and Women's Hospital**
Boston, MA
Program Contact: surgeryeducation@partners.org
Paradigms Offered: 5+2

Dr. Michael Belkin is the Division Chief of Vascular Surgery and has appointed Matthew Menard, M.D., the Program Director for the ACGME accredited Program in Vascular Surgery at Brigham and Women's Hospital.

Vascular surgery consists of eight board certified vascular surgeons with full-time academic appointments at Harvard Medical School. All vascular patients admitted to Brigham and Women's Hospital are available for the teaching of both general surgical residents and vascular fellows. All elective vascular surgical procedures at Brigham and Women's Hospital are carried out by members of the Division of Vascular Surgery functioning in the role of teaching assistants with either the vascular fellow or a general surgical resident as surgeon. Vascular trauma is managed in consultation with both the vascular fellow and the attending on call. The vascular fellow will gain extensive experience in diagnostic and therapeutic endovascular techniques as well as weekly instruction and practice in the non-invasive vascular laboratory.

**Carolinas Medical Center**
Charlotte, NC
Program Contact: Cameron.Davis@carolinashealthcare.org
Website: http://www.carolinashealthcare.org/vascular-surgery-residency-program
Paradigms Offered: 5+2

The Vascular Surgery Fellowship at Carolinas Medical Center is a two-year ACGME accredited residency training program. Fellows operate at the main campus of Carolinas Medical Center, an 874 bed tertiary referral center that is part of the nationally recognized Carolinas HealthCare System and home to 23 ACGME accredited residencies and fellowships. The educational goals of this 5+2 program are to develop well-rounded vascular surgeons of the highest caliber, familiar with and facile in all aspects of current clinical vascular practice including diagnosis, noninvasive testing, arteriography, medical management, open surgical procedures, and endovascular therapy. We have a dedicated full-time surgical faculty committed to resident education and research. To maximize their training, fellows have the support of designated research assistants, a department fully staffed with advanced care practitioners, and a categorical 5-year General Surgery Residency Program.

**Case Western Reserve University/University Hospitals Case Medical Center Program**
Cleveland, OH
Program Contact: karen.young@uuhospitals.org
Paradigms Offered: 5+2, 0+5

The Vascular Residency Program at University Hospitals Case Medical Center is dedicated to preparing the vascular resident and fellow for a career in the diagnosis and treatment of patients within the entire spectrum of vascular disease. The Program provides a scholarly environment to acquire the necessary
cognitive and procedural clinical skills essential to the care of patients. Our vascular teaching staff have diverse backgrounds and expertise, which contribute to a rich educational experience, and each is dedicated to the education of the vascular residents and fellows, as well as general surgery residents and students.

**Charleston Area Medical Center/West Virginia University (Charleston Division) /Charleston Area Medical Center**  
Charleston, WV  
Program Contact: jessica.parker@camc.org  
Website: [http://camc.wvu.edu/vascular/index.htm](http://camc.wvu.edu/vascular/index.htm)  
Paradigms Offered: 5+2, 0+5  
Our ACGME accredited two (2) year fellowship and 0+5 year training experiences offer an outstanding opportunity for graduating general surgery residents and medical students to learn the art of vascular and endovascular surgery. Our training program offers an environment of academic and research excellence providing our residents the opportunity to participate in a wide variety of routine and complex vascular cases allowing for a complete understanding of vascular disease. Under the instruction of our enthusiastic and committed faculty (7 full time vascular surgeons, 2 endovascular interventionists, and 1 preventative medicine specialist), our vascular trainees will ultimately display competent surgical judgment and operative skills that will prepare them for independent practice in vascular surgery.

**Cleveland Clinic Foundation**  
Cleveland, OH  
Program Contact: eagletm@ccf.org  
Website: [http://my.clevelandclinic.org/departments/heart/medical-professionals/fellowship-residency/vascular-surgery](http://my.clevelandclinic.org/departments/heart/medical-professionals/fellowship-residency/vascular-surgery)  
Paradigms Offered: 5+2, 0+5  
The Cleveland Clinic Vascular Surgery training program is designed to provide the educational resources appropriate for the development of proficiency in the diagnosis and treatment of diseases of the arterial, venous, and lymphatic circulatory systems. The training of surgeons for the practice of vascular surgery encompasses education in basic sciences, training in cognitive and technical skills, development of clinical knowledge and maturity, and acquisition of surgical judgment regarding the vascular system. We strive to make our programs the best available, with the goal of developing vascular surgeons to be leaders in their career paths of choice. Our trainees are involved in the general care of vascular patients as well as the perioperative care of some of our most complex vascular patients. Our trainees develop a high level of skill in both endovascular therapeutic and open vascular surgery. In addition, multiple opportunities exist to become involved in research projects and the presentation of results in national venues.

**Cooper Medical School of Rowan University/Cooper University Hospital**  
Camden, NJ  
Program Contact: VSPProgram@CooperHealth.edu  
Paradigms Offered: 5+2, 0+5  
The overall goal of the Vascular Surgery training program at Cooper University Health Care is to provide a foundation for graduates of the program to develop into expert clinicians that are proficient in all aspects of the diagnosis, management, and treatment of vascular disease. These goals are fostered in an environment of progressively graded clinical, operative experience and responsibility. In doing so, the resident will ultimately exercise mature surgical judgment and operative skills which prepare him/her to provide independent care to patients with vascular disease. Our faculty is enthusiastic, committed to teaching and has over 30 years of fellowship teaching collectively. The case volume provides ample opportunity for residents to develop and master a large breadth of vascular interventions including both open and endovascular procedures. Recent graduates have been in the 90th percentile relative to their peers for both open and endovascular aortic procedures. During their training, residents have the opportunity to use devices only available through aortic and peripheral
clinical trials in addition to newly FDA approved “next generation” devices such as fenestrated endografts for the treatment of complex aortic pathology.

**Dartmouth-Hitchcock Medical Center**  
Lebanon, NH  
Program Contact: David.H.Stone@Hitchcock.org  
Website: http://gme.dartmouth-hitchcock.org/vascular_residency.html  
Paradigms Offered: 5+2, 0+5  
Dartmouth-Hitchcock's Integrated Vascular Surgery Residency provides graduated, incremental training in both open and endovascular surgery. Trainees have the opportunity to spend an additional research year earning a master’s degree in public health at the Dartmouth Institute for Health Policy and Clinical Practice (TDI). We match one five-year position each year. Dartmouth-Hitchcock also offers a two-year Vascular Surgery Fellowship for residents who have completed general surgery training. The fellowship is organized so that interventional procedures, open surgery, inpatient and outpatient care, and vascular laboratory instruction are integrated throughout both years. We match one two-year position each year. Nine board-certified vascular surgeons staff a dedicated academic vascular service at this tertiary care facility.

**Detroit Medical Center and Wayne State University**  
Detroit, MI  
Program Contact: woppat@med.wayne.edu  
Website: http://www.wsusurgery.com/vascular-fellowship/  
Paradigms Offered: 5+2  
Integrated program comprised of three major teaching institutions in southeastern Michigan. The faculty possess the depth of clinical experience for the development of the skills and knowledge to confidently manage complex vascular disease. University affiliation provides unique opportunity for research initiatives.

**Duke University Hospital**  
Durham, NC  
Program Contact: caitlin.dickerson@duke.edu  
Website: https://surgery.duke.edu/education-and-training/fellowship-programs/vascular-surgery  
Paradigms Offered: 5+2  
Duke offers a traditional fellowship program, with rotations at Duke University Medical Center, The Durham VA Medical Center, Duke Regional Hospital and Duke Raleigh Hospital. Our program is highlighted by a large volume of open and endovascular aortic procedures and complex peripheral intervention, as well as an extensive exposure to venous pathology. There are opportunities for both basic science and outcomes research, and our graduates are prepared to go into either private or academic practice.

**Eastern Virginia Medical School**  
Norfolk, VA  
Program Contact: llyancey@sentara.com  
Paradigms Offered: 5+2  
Since 1975 EVMS has maintained the reputation as one of the most clinically diverse, technologically advanced, and educationally sound Vascular Surgery fellowship experiences. We’ve developed and hold to a strong and focused Traditional Fellowship format under the supervision of 8 Core and 11 Supporting Vascular Faculty and Attendings. We fill 3 positions each year, and our graduates experience exceptionally high Board Pass Rates.

**Emory University**  
Atlanta, GA  
Program Contact: guillermo.escobar@emory.edu  
Website: http://www.surgery.emory.edu/training/vascular_surgery_residency.html  
Paradigms Offered: 5+2
The residency in vascular surgery and endovascular therapy of the Emory University School of Medicine is a two-year ACGME-approved program encompassing advanced postgraduate training in surgical and endovascular treatment for vascular disease. Residents rotate through the vascular services at both Emory University Hospital and the Atlanta Veterans Affairs Medical Center. Expertise in non-invasive vascular diagnostics is obtained through the Emory Non-Invasive Vascular Laboratory.

**Geisinger Health System**
Danville, PA
Program Contact: jelmore@geisinger.edu
Website: http://www.geisinger.edu/fellowships/vascular-surgery/
Paradigms Offered: 5+2
The Geisinger Vascular Surgery Fellowship is an ACGME-accredited two-per-year, two-year program at Geisinger Medical Center based in Danville PA that provides training for general surgery residency graduates planning careers in vascular surgery. The fellowship in vascular surgery is a comprehensive program during which fellows will be expected to develop into a fully autonomous and independent vascular surgeon who will provide excellent, safe, and compassionate care upon entering the workforce. In Danville we have two Endovascular suites dedicated just for Vascular surgery. We do a wide range of open and endovascular surgery in our hybrid suites. Geisinger has 5 helicopters bringing a wide-range of Vascular emergencies and trauma to our center.

**Grand Rapids Medical Education Partners/Michigan State University Vascular Surgery Residency**
Grand Rapids, MI
Program Contact: karie.hilley@spectrumhealth.org
Paradigms Offered: 0+5
The Grand Rapids/Michigan State University Integrated Vascular Residency was initiated in July 2010. This five-year ACGME accredited residency program was designed to train medical students who desire to become board-certified vascular surgeons.
Our residents spend the majority of their time at the Fred and Lena Meijer Heart Center at Spectrum Health-Butterworth Campus, located in downtown Grand Rapids, Michigan. Dr. Cuff is the Program Director and he is assisted by 7 vascular surgeons, all fellowship trained. Each of the faculty trained at different programs bringing a diverse experience to the residency. Residents work closely with the faculty mentors and are assisted by a team of clinical nurses, general surgery residents and physician assistants. A large case experience, clinical research and a new simulation center contribute to a well-rounded experience and the opportunity to become a well-rounded, proficient vascular surgery specialist.

**Greenville Health System/University of South Carolina**
Greenville, SC
Paradigms Offered: 5+2

**Henry Ford Hospital/Wayne State University**
Detroit, MI
Program Contact: vascularsurgeryfellowship@hfhs.org
Website: https://www.henryford.com/hcp/med-ed/residencies-fellowships/hfh/vascular-surgery
Paradigms Offered: 5+2
Henry Ford Vascular Surgery offers trainees exposure and experience in the full range of arterial vascular reconstructions and repairs. For open operative management of vascular disease, our team's special clinical interests include carotid and brachia-cephalic reconstruction, complex aortic repair (including pararenal and thoracoabdominal reconstruction), and lower extremity distal arterial reconstruction. The Division is at the forefront in the use of endovascular techniques including balloon angioplasty, stenting, atherectomy, thrombolysis in the management of lower extremity occlusive disease, stent-grafts in the management of abdominal aortic aneurysm (AAA), and thoracic stent-grafts in the treatment of thoracic aneurysms. As one of the first hospitals in Michigan to perform endovascular AAA repair, we have continued to expand our knowledge and capabilities in the treatment
of this condition. Additional endovascular procedures include renal artery angioplasty and stenting, mesenteric artery angioplasty and stenting, and carotid angioplasty and stenting via participation in the National Institutes of Health (NIH)-sponsored Carotid Revascularization Endarterectomy vs. Stenting Trial (CREST).

**Hofstra Northwell School of Medicine at Staten Island University Hospital**

Staten Island, NY  
Program Contact: Jdeitch@northwell.edu  
Paradigms Offered: 5+2  
Academic 5+2 vascular fellowship program within greater New York at a single institution. High volume program with a breadth of clinical material with fellows getting exposure to a balanced mix of complex and routine endovascular and open vascular cases. Busy research program and a commitment to didactics.

**Hospital of the University of Pennsylvania**

Philadelphia, PA  
Program Contact: Damien.Distefano@uphs.upenn.edu  
Website: [http://www.uphs.upenn.edu/surgery/Education/vascular/program_overview.html](http://www.uphs.upenn.edu/surgery/Education/vascular/program_overview.html)  
Paradigms Offered: 0+5, 5+2  
The Division of Vascular Surgery and Endovascular Therapy at the University of Pennsylvania provides opportunities for residency training in Vascular Surgery including a traditional two-year residency and a five year integrated vascular surgery residency. It is our mission to select talented and highly motivated individuals who are ready to pursue training in vascular surgery. We provide a high volume of clinical experience with associated conference and didactic instruction and exposure to research. We have designed our residency to provide a balanced experience of open and endovascular cases, inpatient and outpatient care and the exposure to and involvement with academics in vascular surgery. Our graduates are well trained to face clinical challenges and pursue academic careers after they have finished the program.

**Icahn School of Medicine at Mount Sinai**  
**Vascular Surgery Integrated Residency Program**

New York, NY  
Program Contact: rami.tadros@mountsinai.org  
Website: [http://icahn.mssm.edu/education/residencies-fellowships/list/msh-vascular-surgery](http://icahn.mssm.edu/education/residencies-fellowships/list/msh-vascular-surgery)  
Paradigms Offered: 5+2, 0+5  
The Mount Sinai Vascular Surgery Integrated Residency program is based in the Mount Sinai Health System. Our endovascular program is among the busiest in the nation, and residents can expect exposure to a large number of endovascular and open vascular surgical cases, as well as catheter-based interventions (both diagnostic and therapeutic) and complex aneurysms that can be treated with minimally invasive procedures. A unique feature of this program is its integration with other specialties and collaborative approach to treating vascular disease with vascular surgeons, interventional radiologists, cardiologists, and vascular medicine specialists. To give the residents a more varied clinical experience, they also rotate at Elmhurst Hospital Center, the James J. Peters VA Medical Center, and St. Luke's-West Hospital. Residents are provided the opportunity to participate in the many ongoing research projects in the Division.

**Indiana University Vascular Surgery Program**

Indianapolis, IN  
Program Contact: aleboyd@iupui.edu  
Website: [https://surgery.medicine.iu.edu/divisions/vascular-surgery/](https://surgery.medicine.iu.edu/divisions/vascular-surgery/)  
Paradigms Offered: 5+2, 0+5  
Indiana University Vascular Surgery serves as the principal tertiary care referral network for vascular disease across the state. The division participates in the training for future clinicians and biomedical researchers through various educational programs of the Indiana University School of Medicine. We support both a Integrated Vascular Surgical Training Program (0+5 track with 2 years of research) and
an Independent Vascular Surgery Fellowship program (5+2 program). Training is offered in 3 major health facilities that includes a university hospital, VA facility, as well as a county hospital.

**Jobst Vascular Institute Vascular Surgery/Vascular Medicine Fellowships**
Toledo, OH
Program Contact: peggy.mauer@promedica.org
Website: https://www.promedica.org/Pages/for-health-professionals/residencies-and-fellowships/vascular/vascular-surgery/default.aspx
Paradigms Offered: 5+2
Jobst Vascular Institute is comprised of a large vascular physician group of 12. The group includes 10 vascular surgeons and 2 vascular medicine physicians. The group's cases cover the full spectrum of vascular disease including both venous and arterial, open and endovascular surgical cases. The vascular medicine physicians are involved in the areas of wound care, lymphedema and all venous complications. Jobst has an ICAVL accredited vascular laboratory. With Jobst's solid academic background, fellows who graduate from either the vascular surgery or vascular medicine programs can pursue private practice, community-based hospital practice or an academic career.

**Johns Hopkins University**
Baltimore, MD
Program Contact: dcall1@jhmi.edu
Paradigms Offered: 5+2
The Johns Hopkins Vascular Surgery and Endovascular Therapy Program is a 5+2 fellowship based at Johns Hopkins Hospital. In the 100 years of excellence in training imparted by the Halsted tradition, the vascular faculty strives to maximize every fellow's experience to produce master clinician, surgeon and investigator.

**LLUMC Vascular Surgery Residency**
Loma Linda, CA
Program Contact: mkurth@llu.edu
Website: http://medical-center.lomalindahealth.org/health-professionals/residency-programs/vascular-surgery-residency
Paradigms Offered: 5+2
Our goal is to provide our fellows with broad-based and balanced training in vascular surgery during the two-year training program. We are committed to our fellows' whole person development as respected professionals with good judgement and sound surgical skills. The training environment is a culture based on the values of compassion, integrity, excellence, teamwork, and wholeness.

**Los Angeles County-Harbor-UCLA Medical Center**
Torrance, CA
Program Contact: ylona@labiomed.org
Paradigms Offered: 5+2

**Louisiana State University Health Sciences Center School of Medicine**
New Orleans, LA
Program Contact: cpear1@lsuhsc.edu
Website: https://www.medschool.lsuhsc.edu/surgery/vascular.aspx
Paradigms Offered: 5+2, 0+5
Each year, two individuals are trained in the specialty of vascular surgery during a 5 year vascular surgery integrated training residency. Operative and management experience is obtained primarily through the vascular and general surgery services at the University Medical Center - NO, West Jefferson Medical Center and Our Lady of the Lake Regional Medical Center, as well as ample opportunities to work with attendings at other affiliated and private hospitals in the New Orleans and Baton Rouge areas. The exposure to a wide variety and volume in vascular reconstruction (aortic, peripheral, renomesenteric, carotid-vertebral, venous valve reconstruction, and venous bypass) has distinguished the LSU Vascular Surgery program from other training programs. Proficiency in diagnostic
and therapeutic radiology procedures and noninvasive laboratory methods are an important component of the LSU program.

**Loyola University Vascular Surgery and Endovascular Therapy Fellowship**
Maywood, IL
Program Contact: baulivola@lumc.edu
Website: https://www.loyolamedicine.org/gme/vascular-surgery-endovascular-therapy-fellowship
Paradigms Offered: 5+2

The Vascular Surgery Fellowship Program at Loyola University Medical Center was created in 1978, with the primary objective of providing comprehensive training for the management of arterial, venous and lymphatic diseases. In addition to the clinical training we offer at Loyola and the Edward Hines Jr. Veterans Affairs Hospitals, we have an established a strong tradition in graduate and undergraduate education and research. Our program is a two-year fellowship that provides exposure to the entire spectrum of arterial and venous disease, and includes non-operative care, as well as open surgical and endovascular management. For more information please visit our website.

**Maimonides Medical Center**
Brooklyn, NY
Program Contact: LBilella@maimonidesmed.org
Paradigms Offered: 5+2

Maimonides Medical Center offers an ACGME accredited two year fellowship in vascular and endovascular surgery. Brooklyn offers a unique environment to expose fellows to a breadth of vascular clinical entities. In addition to the clinical exposure, there are ample opportunities for clinical research.

**Maine Medical Center Vascular Surgery Residency**
Portland, ME
Program Contact: healec@mmc.org
Website: http://www.mmc.org/vascularresidency
Paradigms Offered: 0+5

The mission and aim of the program is to provide comprehensive training, knowledge and skills needed for independent practice of vascular surgery; including the assessment and management of patients with vascular disease, use of the vascular laboratory, critical care, open surgery, and endovascular procedures. The focus is clinically oriented with a strong foundation in all aspects of open vascular surgery, endovascular surgery, and core general surgery principles. Situated in Portland, ME which Forbes Magazine recognized as America's Most Livable City. World-class hiking, sailing, skiing, and beaches, to name but a few, make this an attractive area in which to live and work. The Maine slogan “The Way Life Should Be” suggests that life in Portland makes for a great place to train to be a Vascular Surgeon.

**Massachusetts General Hospital Vascular Surgery**
Boston, MA
Program Contact: dmclean4@partners.org
Paradigms Offered: 5+2, 0+5

At MGH, our goal is to train academic vascular surgeons who are comfortable managing all forms of vascular disease using open and endovascular techniques. The integrated residency program includes 5 years of clinical training and 2 years of research that is tailored to meet the career goals of the individual trainee. The vascular fellowship is a two year program for individuals who have completed an accredited general surgery residency and includes research and clinical time.

**Mayo Clinic College of Medicine (Arizona)**
Phoenix, AZ
Paradigms Offered: 5+2

**Mayo-Rochester Vascular Surgery Integrated Residency & Fellowship**
Rochester, MN
Program Contact: griffin.julie@mayo.edu
Paradigms Offered: 5+2, 0+5
The Mayo Clinic Division of Vascular and Endovascular Surgery in Rochester, Minnesota, offers both an ACGME accredited 0+5 integrated residency (1 position) and an ACGME accredited 5+2 fellowship (2 positions). Trainees are taught using the three-shield interdisciplinary approach (clinical care, research, education) in a preceptor model. Emphasis is placed on complex open and endovascular training and aortic procedures, as well as carotid, lower extremity, venous and dialysis access.

McGovern Medical School at UTHealth
Houston, TX
Program Contact: cveducation@uth.tmc.edu
Website: https://med.uth.edu/cvs/education/
Paradigms Offered: 0+5, 5+2
The Department of Cardiothoracic and Vascular Surgery offers two ACGME approved residency programs in vascular surgery. A traditional (5+2) pathway for candidates who have completed an ACGME approved general surgery residency and an integrated (0+5) pathway for students graduating from medical school. The training programs offer exposure to the full spectrum of open and endovascular procedures. Applicants are selected through the National Residency Matching Program. Currently, one position is offered in each pathway per year.

McGaw Medical Center of Northwestern University
Chicago, IL
Program Contact: jmason@nmh.org
Paradigms Offered: 0+5
Since 1974, the Northwestern Vascular Surgery Fellowship program has continued to develop the next generation of vascular surgeons. Many have been recipients of teaching awards and many have gone on to become medical school deans, department chairmen and division chiefs. Training options include the traditional fellowship as well as the newer integrated residency paradigm.

Medical College of Wisconsin Vascular Surgery Fellowship Program
Milwaukee, WI
Program Contact: krbrown@mcw.edu
Website: http://www.mcw.edu/Vascular-Surgery/Education.htm
Paradigms Offered: 5+2
The Vascular Surgery Fellowship Program at the Medical College of Wisconsin consists of a 24-month clinical training period, focusing on the complete evaluation and treatment of all aspects of vascular disease. Training months are evenly distributed between open and endovascular cases to provide for a comprehensive experience in both endovascular surgery and open vascular surgery. Clinical assignments of the fellow include directing a weekly vascular case planning conference at the Zablocki VA Medical Center, rotations on the vascular and endovascular services at both Froedtert Hospital and the VA Medical Center, and developing skills in non-invasive vascular laboratory testing and interpretation.

MedStar Georgetown University Hospital/MedStar Washington Hospital Center Program
Washington, DC
Program Contact: Cara.A.Molinari@Medstar.net
Website: http://MedStarHealth.org/VascularGME
Paradigms Offered: 0+5, 5+2
The Vascular Surgery Residency Program is a joint program between MedStar Georgetown University Hospital, MedStar Washington Hospital Center and the Veterans Administration Medical Center, all in Washington, D.C. The Residency is a five-year program directly after medical school that includes rotations at three area hospitals. Residents will be exposed to both core general and vascular surgery throughout the first three years of the program, and spend two years training exclusively in vascular
surgery. Vascular medicine, clinical research in vascular disease, and vascular lab education are incorporated into the five years of training and contribute to a robust and varied experience. The vascular surgery fellowship is a two-year program after completion of an ACGME approved program in Surgery. This time is exclusively devoted to vascular surgery with emphasis on open and endovascular techniques and decision-making as well as patient care and management.

**Methodist Hospital (Houston) Vascular Surgery Fellowship & Integrated Vascular Surgery Residency**
Houston, TX
Program Contact: naramirez@houstonmethodist.org
Website: http://www.houstonmethodist.org/1285_houstonmethodist/2623_education/medical-education/graduatemedicaleducation/gme-programs/2746_education_vascularsurgeryfellowship/
Paradigms Offered: 5+2, 0+5
The Houston Methodist Integrated Vascular Surgery Residency Program of the Department of Cardiovascular Surgery is designed to train vascular surgeons so that they can provide personalized, comprehensive surgical care of the highest quality, and become eligible for the Primary Certificate in Vascular Surgery. We have a long tradition as leaders in vascular surgery through the efforts of Drs. Michael DeBakey and Stanley Crawford and are the first accredited integrated residency program in Texas.

**Michigan State University/Michigan Vascular Center Vascular Fellowship Program**
Flint, MI
Program Contact: joanb@michiganvascular.com
Website: http://www.MichiganVascular.com
Paradigms Offered: 5+2
Michigan Vascular Center is a private vascular practice located in Flint, Michigan. Founded in 1963, we are one of the oldest and longest running private practice groups in the country. We have teamed up with Michigan State University to provide a program which is unique, comprehensive and team oriented. You will receive an extensive cross section of exposure to the entire vascular field. You will also have exposure to the organizational infrastructure required to run a private practice, a non-invasive vascular lab, a private Hemodialysis Access Center, VeinSolutions Center and in-house Mobility Center.

**MUSC Integrated Vascular Residency**
Charleston, SC
Program Contact: fortinir@musc.edu
Website: http://academicdepartments.musc.edu/surgery/education/vascular/index.htm
Paradigms Offered: 0+5
The MUSC Integrated Vascular Residency produces well-rounded trainees in all aspects of vascular surgery in a challenging but collegial environment, leading to the development of thoughtful, ethical, and highly competent independent practitioners of our specialty. Our major goals are to provide incremental and progressive, multidisciplinary training in vascular surgery, general surgery, and relevant surgical/interventional radiology/medicine and sub-specialties during a 5-year training program to include both core surgery and vascular surgery. The vascular surgery faculty-designed program provides increasing responsibility under direct attending supervision in a unique blend of university, VA, and community settings to include outpatient clinics, inpatient settings, interventional suites, and operating rooms.

**National Capital Consortium Program**
Bethesda, MD
Paradigms Offered: 5+2

**New York Presbyterian Hospital (Columbia and Cornell Campus) Program**
New York, NY
Program Contact: alk3004@med.cornell.edu
Paradigms Offered: 5+2
The New York Presbyterian Hospital Vascular Surgery Fellowship is a bi-campus program based at Columbia University Medical Center and Weill Cornell Medicine. We accept two fellows a year for a two-year clinical fellowship. Fellows divide their time evenly between the two campuses, enjoying outstanding clinical volume, access to cutting edge technology, and a robust simulation curriculum. While the majority of our graduates choose a career in academic vascular surgery, all are prepared to succeed in whatever practice environment they pursue.

Newark Beth Israel Medical Center
Newark, NJ
Paradigms Offered: 5+2

Northwell Health - Lenox Hill Hospital - Vascular Surgery
New York, NY
Program Contact: jvelez2@northwell.edu
Website: https://www.northwell.edu/research-and-education/graduate-medical-education/vascular-surgery-integrated-residency-lenox-hill-hospital
Paradigms Offered: 0+5
The Lenox Hill Hospital - Integrated Vascular Surgery Residency Program is a multidisciplinary exposure to the field of vascular surgery. During the residency, education is acquired through patient care and formal didactic teaching primarily in the Vascular Surgery Division. The program also includes clinical rotations in Interventional Radiology, Cardiothoracic Surgery, and a Noninvasive Vascular Laboratory.

NYU Langone Medical Center
New York, NY
Program Contact: felicia.brockett@nyumc.org
Website: https://med.nyu.edu/surgery/vascular/residency-fellowship
Paradigms Offered: 5+2, 0+5
The Division of Vascular and Endovascular Surgery at NYU Langone Medical Center has a long history of training Vascular and Endovascular Surgeons. We have an excellent, esteemed faculty, and a large, diverse case load encompassing all aspects of both open and endovascular interventions. We provide both traditional 5+2 and integrated 0+5 training pathways.

Ochsner Clinic
New Orleans, LA
Program Contact: hbazan@ochsner.org
Website: https://education.ochsner.org/gme/training-programs/vascular-surgery-fellowship
Paradigms Offered: 5+2
The Ochsner Clinic's vascular surgery fellowship (5+2) attracts individuals from around the country who have finished five years of general surgery and are highly motivated to undergo an intensive training in clinical and academic vascular and endovascular surgery. The patient population has broad atherosclerotic diseases, such as peripheral arterial and carotid artery disease. Moreover, the fellowship has a strong focus on aortic aneurysmal disease. The Ochsner vascular fellowship is designed to provide extensive exposure to vascular diseases and prepare the fellow for the examination for the American Board of Surgery Vascular Surgery Certificate and for entering the practice of vascular surgery.

Oregon Health & Science University
Portland, OR
Program Contact: dottin@ohsu.edu
Website: http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/surgery/residency-and-fellowships/acgme-fellowships/vascular-surgery-fellowship.cfm
Paradigms Offered: 5+2, 4+2 (ESP)
We have one of the longest standing Vascular Surgical fellowships in the US with our 1st graduate graduating in 1983. We offer the traditional (5+2) tract as well as an early specialization tract (4+2) that allows board eligibility in both general and vascular surgery. We offer 2 fellowship positions yearly for a sum of 4 fellows. The Division of Vascular Surgery is integral to the Department of Surgery and to
the Knight Cardiovascular Institute (KCVI). We have 6 OHSU faculty, 3 VA faculty and 4 community surgeon faculty (adjunct). The OHSU fellowship program provides extensive complex open and endovascular training at our quaternary hospital, VA hospital, and Portland community hospital, and our Division has collaborative working arrangements with our Interventional Radiology and Cardiology partners. The KCVI Aortic program offers trainees specialization in complex open and endovascular aortic cases. Fellows have exceptional research opportunities and support. Clinical, educational and basic science vascular surgical research is supported by the division via Institutional, National Institute of Health and industry-funded research grants. OHSU Vascular Surgery faculty/fellows and research residents jointly average more than 100 publications/presentations annually, with faculty and trainees presenting their work both on a national and international level. Upon graduation our graduates are ready and feel comfortable independently performing all open and endovascular procedures as required by the American Board of Surgery. OHSU graduates enter both community and academic practice settings upon completion of training and many of our graduates are leaders in the field of Vascular Surgery.

**Penn State Hershey Vascular Surgery Integrated Residency Program**  
*Hershey, PA*  
Program Contact: lbasti@hmc.psu.edu  
Website: https://residency.med.psu.edu/programs/vascular-surgery-residency/  
Paradigms Offered: 0+5  
The Vascular Surgery Residency at Penn State Health Milton S. Hershey Medical Center is a five-year, ACGME-accredited integrated program (mixing general surgery and vascular surgery through the first four years) that admits one resident per year.

**Rush University Medical Center**  
*Chicago, IL*  
Program Contact: Gabriella_Rizzo@rush.edu  
Paradigms Offered: 5+2  
Rush University Medical Center is a 664-bed academic medical center consistently ranked in *U.S. News & World Report*. Under the direction of Amy B Reed, MD, FACS, Professor and Chief, Section of Vascular Surgery in the Department of Cardiovascular and Thoracic Surgery, we offer a two-year fellowship in vascular and endovascular surgery in the heart of Chicago. Since 1988, our goal at Rush has been to provide our trainees with the cutting-edge knowledge and skillsets necessary to be successful practicing vascular surgeons in any setting throughout the country. We strive to provide our trainees a solid foundation of operative experience on which they can build a career and take a comprehensive approach to ensure our fellows are competent and qualified to handle any aspect of vascular surgery.

**Rutgers New Jersey Medical School**  
*Newark, NJ*  
Program Contact: rosanikf@njms.rutgers.edu  
Paradigms Offered: 5+2  
The vascular surgery fellowship at Rutgers - New Jersey Medical School offers an RRC-accredited two-year fellowship in vascular surgery through the 5+2 clinical track, currently graduating one fellow per year. New Jersey Medical School has one of the oldest vascular fellowships in the country, with our first graduate in 1978. Since then, we have trained numerous vascular surgeons who have gone on to have successful careers in academics and private practice across the United States. Our fellows will participate in a developed academic curriculum, receive exposure to a vast array of complex open and endovascular cases at two rotations sites and have an opportunity to participate in several clinical trials. We are proud of the clinical and educational experience of our fellows and enjoy watching our graduates become leaders in their communities.

**Rutgers Robert Wood Johnson Medical School**  
**Vascular Surgery Integrated Residency and Fellowship Programs**  
*New Brunswick, NJ*  
Program Contact: knh9@rwjms.rutgers.edu
Our Fellowship and Residency in Vascular Surgery is designed to provide a comprehensive experience in the care of patients with vascular disorders. The breadth and depth of training available at our institution will allow our graduating fellow/resident to pursue either an academic or private practice career pathway. The fellow/resident will experience intense specialty training designed to provide a comprehensive experience in the management and treatment of all forms of vascular disease. Our goal is to create competent vascular specialists that can independently provide medical and surgical management for all vascular disease processes. Upon completion of training our trainees should be able to effectively address even the most complex vascular disorders.

**Southern Illinois University**
Springfield, IL
Program Contact: rloyd@siumed.edu
Website: [http://www.siumed.edu/vascular](http://www.siumed.edu/vascular)
Paradigms Offered: 0+5
The operative caseload is varied, covering virtually every aspect of peripheral vascular surgery, but is weighed toward open and endovascular management of carotid stenosis, aortic aneurysms, and lower extremity arterial occlusive disease. The resident is also responsible for interpreting non-invasive laboratory studies, for seeing inpatient consultations, for preparing a vascular conference every week, and for assisting in the outpatient clinic. Ample time is provided for the residents to participate in clinical and non-invasive vascular laboratory research. SIU has an outstanding reputation for innovative methods of surgical education, including a premier surgical skills lab. Vascular surgery residents will participate in structured learning experiences including a “boot camp” to master basic surgical skills such as knot tying, suturing, central line placement, anastomotic techniques, chest tube insertion, surgical airway placement and laparoscopic skills.

**St. Louis University Vascular Surgery**
St. Louis, MO
Program Contact: ciezzi1@slu.edu
Paradigms Offered: 5+2, 0+5
The Vascular Surgery Division of the Saint Louis University Medical Center provides a comprehensive yet conservative approach to a variety of patients with peripheral vascular-related diseases. Patients with diagnostic dilemmas are frequently seen in the outpatient department and, if necessary, can be referred to the noninvasive diagnostic vascular lab for further evaluation. A number of patients will not require operative intervention, operations being recommended only for patients who will clearly benefit from such intervention. For nearly two decades patients have had carotid endarterectomy performed under local anesthesia with satisfactory results. Aortic surgery has become safer over the last few decades in part because of perioperative evaluation and management, with particular attention paid to preoperative cardiovascular assessment and careful patient selection. Newer techniques have allowed limb salvage in a great deal of challenging patients as well.

**Stanford Vascular Surgery Residency and Fellowship Program**
Stanford, CA
Program Contact: kmcgurk@stanford.edu
Website: [http://vascular.stanford.edu/education.html](http://vascular.stanford.edu/education.html)
Paradigms Offered: 5+2, 0+5
Stanford Vascular Surgery offers a fully-accredited 0+5 integrated residency and a two-year traditional fellowship with the mission of training the future academic leaders of vascular surgery. Our current educational philosophy revolves around the concept of individualized professional development, focusing on personalized mentorship provided by faculty with a wide variety of clinical and research interests. We believe this approach maximizes the future career potential of each of our trainees. Our Residency program includes a two-year laboratory requirement. Our vascular trainees will see a full range of complex aortic interventions, include access to fenestrated and branched endografts from the
ascending aorta all the way to the femoral bifurcation, open re-do vascular reconstructions, limb salvage techniques, carotid therapies, and vascular lab training. We hope you will take an interest in our program!

Staten Island University Hospital
Staten Island, NY
Program Contact: fgyi@siuh.edu
Paradigms Offered: 5+2
Vascular Surgery Fellowship at Staten Island University Hospital is an ACGME accredited 2 years comprehensive training program in Vascular and Endovascular Surgery. It is offered to those who have completed an ACGME approved General Surgery residency. One position is offered every year through the ERAS with a total of 2 fellows training at a given time. Established in 2001, Vascular Surgery fellowship at SIUH provides a comprehensive exposure to patients with diseases of the arterial, venous, and lymphatic systems. Extensive exposure to complex vascular pathology at our vascular surgery program is second to none. We perform approximately, 1200 vascular cases annually. We are 1 out of 7 vascular surgery training programs in New York City. The faculty at SIUH is fully trained, board certified, and are well recognized in the field of vascular surgery.

Stony Brook Medicine; Division of Vascular & Endovascular Surgery
Integrated Residency & Fellowship Programs
Stony Brook, NY
Program Contact: tiana.martucci@stonybrookmedicine.edu
Website: https://medicine.stonybrookmedicine.edu/surgery/education/postgraduate/residency/vascular-surgery
Paradigms Offered: 5+2, 0+5
The division of Vascular and Endovascular Surgery provides diagnosis and treatment of vascular disease ranging from routine to highly complex cases while offering a full complement of services for patients with vascular disease. The division considers education a critical component for medical students, residents and fellows training. The division offers a five-year vascular surgery residency, as well as a traditional two-year residency (fellowship), both of which are fully accredited by the Accreditation Council for Graduate Medical Education. The division actively engages patients with the opportunity to participate in clinical trials that offer them the only local access to newly developed treatment options. Together, the clinical and academic strengths of the division of Vascular and Endovascular Surgery form the foundation of our continued success in achieving the excellence expected of us in our diverse programs of patient care, education, research, and community service.

Temple University Hospital
Philadelphia, PA
Paradigms Offered: 5+2

Texas A&M/Scott & White
Temple, TX
Program Contact: Elaine.Stone@BSWHealth.org
Paradigms Offered: 5+2
The Scott & White/Texas A&M Vascular Surgery Fellowship is a 5+2 program and located in Temple, Texas.

The Ohio State University
Program Contact: jean.starr@osumc.edu
Website: http://surgery.osu.edu/vascular/
Paradigms Offered: 5+2
The Division is responsible for the vascular education of Ohio State’s medical students and general surgical residents, and is home to one of the oldest vascular surgery fellowships in the country. Graduates of our fellowship finish equipped to practice the full spectrum of open vascular and endovascular surgery in a community or an academic setting. Scholarship has always been a point of
emphasis in our Division. We expect our fellows to participate in several projects and presentations annually. Clinically, we consistently enroll high numbers of patients in multicenter clinical trials and registries, and continue our focus on outcomes research, especially through the use of VQI. Our fellows are always amongst the most respected at the medical center!

**Thomas Jefferson University**  
Philadelphia, PA  
Program Contact: philomena.oon@jefferson.edu  
Paradigms Offered: 5+2  
The ACGME-approved Fellowship in Vascular Surgery at Thomas Jefferson University in Philadelphia began in 2008. Trainees obtain extensive experience in: 1) open and endovascular procedures, 2) non-invasive vascular laboratory evaluations, 3) wound care (hyperbaric oxygen), and 4) vascular medicine—all located within a single site (The Jefferson Vascular Center). Graduates have been uniformly successful in passing their board examinations and obtaining both academic and private practice positions upon graduation.

**TriHealth/Good Samaritan Hospital Vascular Residency and Fellowship Program**  
Cincinnati, OH  
Program Contact: Patrick_Muck@TriHealth.com  
Website: http://www.TriHealth.com  
Paradigms Offered: 5+2, 0+5  
Historically, TriHealth/Good Samaritan Hospital has offered vascular surgery education through fellowship training since 1973. In 2009, TriHealth began its 0+5 integrated vascular residency program, and this year, the program’s third resident will celebrate his graduation. Year after year, TriHealth vascular residents and fellows are in the 90th percentile for procedural logs, and go on to obtain positions in both academic and private practice settings.

**Tufts Medical Center**  
Boston, MA  
Program Contact: acerulli@tuftsmedicalcenter.org  
Paradigms Offered: 5+2  
The division has been long standing, dedicated practice at Tufts Medical Center since its inception in 1966 and continues to treat more than 4,500 patients each year. The Division of Vascular Surgery boasts strong collaborative relationships with cardiology, neurology, and interventional radiology. Our surgeons have demonstrated leadership in patient care, surgical training, and advancing the frontiers of science. We have a state of the art ICAVL-certified Vascular Lab and a spacious multimodality Hybrid OR suite built in 2012. In addition to comprehensive open and endovascular offerings, areas of particular expertise include complex and re-do open carotid and aortic surgery, chronic venous disease (obstruction), stem cell therapy.

**University of California - San Diego Vascular Surgery**  
San Diego, CA  
Program Contact: dbandyk@ucsd.edu  
Paradigms Offered: 5+2  
2-year ACGME accredited university vascular surgery training program with fellowship rotations at Kaiser San Diego and Scripps Green working with community vascular surgeons.

**UAB Vascular Surgery and Endovascular Therapy**  
Birmingham, AL  
Program Contact: sevans@uabmc.edu  
Website: https://www.uab.edu/medicine/surgery/vascular-endovascular/vascular-education  
Paradigms Offered: 0+5, 5+2  
We proudly offer advanced vascular care to our patients with the availability of three hybrid endovascular suites (two at UAB and one at the Birmingham VA). We participate in ground breaking device trials, spanning the breadth of vascular surgery, including devices for the treatment of aortic and
carotid disease, critical limb ischemia and venous disease. UAB is one of a select few centers in the
country currently able to offer custom branched and fenestrated procedures to patients with conditions
involving the arch and thoracoabdominal aorta. We also continue to graduate trainees with case
volumes in open carotid, aortic and peripheral vascular surgery that are above national averages.

**UCLA Vascular Surgery Training**
Los Angeles, CA
Program Contact: mvelasco@mednet.ucla.edu
Website: http://surgery.ucla.edu/division-vascular-surgery
Paradigms Offered: 0+5, 5+2
UCLA has one of the oldest and most established vascular fellowship programs in the country. We also
have a 0+5 program that is now in its 5th year. Our faculty includes two past-Presidents of the SVS and
we perform the full spectrum of vascular operation and procedures. Our training sites include the West
Los Angeles VA and Santa Monica Hospital as well as our main training facility - the UCLA Ronald
Reagan Hospital - located in the heart of the one of the most vibrant university campuses in the world.

**University at Buffalo, SUNY**
Buffalo, NY
Program Contact: jcozzo@kaleidahealth.org
Website: http://www.smbs.buffalo.edu/sur/vascular_fellowship.htm
Paradigms Offered: 5+2, 0+5
UB has both 0+5 and 5+2 paradigms, with the 3rd resident and 25th fellow graduating this year. Senior
residents and fellows are on separate services. Trainees rotate at a university hospital, VAMC, and a
private hospital. VSITE scores and board pass rates are excellent. Graduates go on to academic and
private practice careers with equal success. The program encourages and sports academic productivity.

**University Hospitals Cleveland Medical Center**
Vascular Surgery Residency & Fellowship Programs
Program Contact: karen.young@uhhospitals.org
Website: http://www.case.edu/medicine/uhsurgery/vascular/
Paradigms Offered: 0+5, 5+2
The Vascular Surgery Division supports two highly successful and competitive ACGME-approved training
programs. The Fellowship in Vascular Surgery is a two-year program and is approved for one fellow each
year, leading to certification in Vascular Surgery by the American Board of Surgery. We also have a
Vascular Surgery Residency (0+5) Program since 2012. In addition, we actively participate in the
education of general surgery residents and medical students from Case Western Reserve University
School of Medicine.

**University of Arizona Vascular Surgery Residency & Fellowship Programs**
Tucson, AZ
Program Contact: jeanette@surgery.arizona.edu
Website: http://surgery.arizona.edu/education
Paradigms Offered: 5+2, 0+5
The University of Arizona College of Medicine-Tucson Program is pleased to offer a Vascular Surgery
Integrated Residency Program and a Vascular Surgery Fellowship Program. Both programs include three
integrated clinical sites to offer a broad case mix: Banner University Medical Center, The Southern
Veteran Administration Hospital and Tucson Medical Center, a community-based hospital. Located in the
Sonoran Desert, Tucson is surrounded by mountain ranges and is sunny 360 days of the year! Please
feel free to contact us with any questions about our programs and we look forward to meeting you.

**University of Arkansas for Medical Sciences**
Little Rock, AR
Program Contact: moursimohammedm@uams.edu
Website: http://surgery.uams.edu/education/residencies-and-fellowships/vascular-surgery/program-
description-vascular-surgery-fellowship/
Paradigms Offered: 5+2, 0+5
The University of Arkansas for Medical Sciences has been training vascular surgery fellows for more than 30 years and residents since 2009. We recruit 1 resident and 1 fellow per year, with rotations in a university hospital, a VA hospital, and a private hospital. Surgical experiences are broad, with our graduates easily obtaining significant number of both open and complex endovascular cases. We have a robust educational program consisting of weekly didactic sessions and cases conferences, monthly board review sessions and journal clubs, and bi-annual mock oral examinations.

**University of California Davis - Integrated Vascular Residency**
Sacramento, CA
Program Contact: jgcarson@ucdavis.edu
Paradigms Offered: 5+2, 0+5
University of California Davis Integrated Vascular Residency program is a 0+5 model, with a robust training environment involving all aspects of vascular surgery. Our training sites include: UCD Medical Center, VA Health System, Travis AFB, and Kaiser Permanente.

**University of California - San Diego**
La Jolla, CA
Program Contact: dbandyk@ucsd.edu
Paradigms Offered: 5+2
A 2-year independent ACGME-approved vascular surgery resident training program with rotations at the new UCSD-Sulpizio Cardiovascular Center, Scripps Green clinic, and Kaiser Foundation medical center. Training in vascular laboratory testing interpretation, arterial and venous endovascular interventions, routine and complex open arterial repairs, and vein surgery including foam sclerotherapy is provided by experienced academic and community vascular surgery faculty.

**University of California (San Francisco)**
San Francisco, CA
Program Contact: matt.kuhn@ucsf.edu
Paradigms Offered: 5+2
The UCSF Vascular Surgery Fellowship is a two-year, ACGME-approved program with one fellow per year. The program provides comprehensive clinical training in the management of vascular disorders and is dedicated to the development of future leaders in vascular surgery. Both years are spent on the vascular surgery service and clinical rotations provide extensive treatment, and non-invasive diagnosis. Vascular fellows are exposed to approximately 1000 cases performed annually at the UCSF Medical Center, including complex cerebrovascular, thoracoabdominal aortic, visceral, renal, and lower extremity procedures using both open surgical and endovascular techniques. State-of-the-art facilities include a recently-opened endovascular suite in the operating room. A variety of weekly clinical conferences provide additional didactic educational experience and fellows are encouraged to pursue faculty-mentored research projects and to present at regional and national meetings.

**University of Chicago**
Chicago, IL
Program Contact: airvine@surgery.bsd.uchicago.edu
Website: [http://surgery.uchicago.edu/specialties/vascular](http://surgery.uchicago.edu/specialties/vascular)
Paradigms Offered: 5+2
Comprehensive 5+2 program in the heart of the Midwest. We offer a comprehensive and balanced program combining open/endovascular surgery and Vascular lab training.

**University of Cincinnati Medical Center/College of Medicine - Integrated Vascular Surgery Residency and Fellowship Programs**
Cincinnati, OH
Program Contact: lisa.evans@uc.edu
University of Colorado
Aurora, CO
Program Contact: vascular.fellowship@ucdenver.edu
Website: http://www.ucdenver.edu/academics/colleges/medicalschool/departments/surgery/divisions/vascular/Fellowship/Pages/Welcome.aspx
Paradigms Offered: 5+2
The University of Colorado Robert B. Rutherford Fellowship in Vascular Surgery (5+2) is a University Hospital/VA based, 2-year ACGME accredited fellowship. Our training program encompasses all aspects of vascular and endovascular surgery techniques and patient care. Vascular fellows participate in the diagnosis, preoperative care, operative procedure, and postoperative care for the patients treated on the vascular service. Fellows assist general surgery residents in integrating noninvasive vascular studies into the overall evaluation of patients with vascular disease. In addition, fellows prepare and present at regularly scheduled academic conferences. Thank you for your interest in our Vascular Surgery Fellowship Program here at the University of Colorado.

University of Connecticut
Farmington & Hartford, CT
Program Contact: hvjohns@harthosp.org
Paradigms Offered: 5+2
The program is a well balanced merger of a public and private hospital. The clinical experience incorporates a generous exposure to open and endovascular cases so that the graduates are very experienced in all open procedures and competitive with any specialty with respect to catheter based procedures.

University of Florida
Gainesville, FL
Program Contact: huber@surgery.ufl.edu
Website: http://vascular.surgery.med.ufl.edu/education/fellowship-program-information/
Paradigms Offered: 5+2
The Vascular Surgery Fellowship at the University of Florida is committed to training the next generation of surgeons. The program has a rich case volume in both complex open and endovascular procedures.

University of Iowa Vascular Residency and Fellowship
Iowa City, IA
Program Contact: billie-ruden@uiowa.edu
Paradigms Offered: 5+2, 0+5
The University of Iowa Hospitals and Clinics (UIHC) is located in Iowa City, Iowa, which is a college town of 70,000 located on both banks of the Iowa River near the intersection of the U.S. Interstate Highways of 80 and 380 in southwestern Iowa. The UIHC is a tertiary referral base for the State of Iowa and several surrounding states. The Vascular Surgery Section was established in the Department of Surgery in 1987 and became the Vascular Surgery Division in the Department of Surgery in 2001. The Vascular Surgery Fellowship began in 1985 and the Vascular Surgery Residency began in 2013.
Lexington, KY
Paradigms Offered: 5+2

University of Maryland Vascular Surgery Fellowship
Baltimore, MD
Program Contact: pgriffin@som.umaryland.edu
Website: http://umm.edu/programs/heart-and-vascular/professionals/vascular-training/fellowship-overview/preliminary-year
Paradigms Offered: 5+2
The fellowship training program is a two-year program comprised of a unique balance of all the main clinical and academic components of modern vascular surgery: • Endovascular diagnostics and therapeutics • Noninvasive vascular testing with ultrasound-based therapeutics • Clinical and basic research • Open surgical procedures. These activities are carried out in the multi-institutional educational environment that is the University of Maryland Medical System and its affiliated hospitals.

University of Massachusetts Medical School Vascular Surgery Residency Program
Worcester, MA
Program Contact: jessica.simons@umassmemorial.org
Website: http://www.umassmed.edu/surgery/divisions-and-programs/vascular-surgery/vascular_aboutus/
Paradigms Offered: 0+5
The UMass Vascular Integrated Residency is a 5-year program that seeks to prepare its trainees to become the next leaders in vascular care by offering a robust experience in both open and endovascular treatment to patients across the spectrum of vascular disease. In addition to serving a population of 1 million patients, our eight surgeons are dedicated to also excelling at basic and clinical research. But our highest commitment remains inspiring and educating the future leaders in vascular surgery in a friendly and respectful work environment.

University of Michigan Integrated Vascular Surgery Residency and Fellowship
Ann Arbor, MI
Program Contact: dawnbarn@umich.edu
Website: http://surgery.med.umich.edu/vascular/education/
Paradigms Offered: 5+2, 0+5
The Section of Vascular Surgery at the University of Michigan offers two different pathways for surgical training: a five-year Integrated Vascular Surgical Residency with two years of academic development time (5+2), and a two-year Fellowship Program. Our goal is to train “the Leaders and the Best” in vascular surgery by stressing compassion, technical excellence, mature judgement, leadership skills, and research experience.

University of Minnesota Vascular Surgery Fellowship Program
Minneapolis, MN
Program Contact: rfaizer@umn.edu
Website: https://www.surgery.umn.edu/education-training/fellowships/vascular-surgery-fellowship
Paradigms Offered: 5+2
Our ACGME approved program participates in ERAS and NRMP to achieve 4 Fellows total who rotate through 4 rotation sites for 3 months each. Rotaions include U of MN, a regional VA medical center, a suburban community hospital and a large inner city hospitals giving Fellows experience in a variety of practice types.Training experience includes routine and complex endovascular (including fenestrated) and open procedures. New this season is a Simulation Lab at the University of Minnesota site.

University of Mississippi Medical Center
Jackson, MS
Program Contact: frushton@umc.edu
Paradigms Offered: 5+2
The Vascular Surgery Fellowship at the University of Mississippi, established in 2011, is a 5+2 program
encompassing a large volume of complex open and endovascular procedures. Training is designed to provide a broad experience including diagnostic imaging, noninvasive laboratory studies, and vascular medicine. A comprehensive curriculum of didactic material is offered to prepare the trainee for Certification in Vascular Surgery by the American Board of Surgery, with weekly teaching conferences and a monthly Journal Club. There are six faculty attending surgeons who are experienced in management of the entire spectrum of vascular diseases, with both open and endovascular procedures, as well as non-surgical management.

University of Missouri-Columbia
Columbia, MO
Program Contact: frevertal@health.missouri.edu
Paradigms Offered: 5+2
The vascular surgery fellowship training program is a two-year ACGME approved fellowship accepting one fellow per year. Clinical rotations occur at University of Missouri Health Care and Harry S. Truman Memorial Veterans Administration Hospital. We are a University based program with emphasis on graduated resident responsibility, research, and education.

University of Nebraska Medical Center College of Medicine
Omaha, NE
Program Contact: toni.harris@unmc.edu
Paradigms Offered: 5+2
University of Nebraska Medical Center offers an accredited 2-year ACGME/RRC Vascular Surgery Fellowship program (5+2), resident per level 1-1. Candidates who match to the program begin training on July 1st of their respective match year. The program offers a full range of open and endovascular training procedures, non-invasive vascular instruction, neuroendovascular instruction, and complex emergency vascular/endovascular reconstructive procedures, with an estimated total annual case volume of 1200+ procedures. UNMC in partnership with Nebraska Medicine is Nebraska’s only public health science center with six colleges and two public institutes. Nebraska Medicine is a 678 bed, Level I (24/7) trauma center and 39 ambulatory clinics providing comprehensive care for adults and children. Our fellowship program extends training experience with rotations, both first and second year, at the Omaha VA Medical Center.

University of North Carolina at Chapel Hill Vascular Surgery Fellowship
Chapel Hill, NC
Program Contact: mark_farber@med.unc.edu
Website: http://www.med.unc.edu/surgery
Paradigms Offered: 5+2
The University of North Carolina Vascular Surgery Fellowship is an RRC-accredited two-year program leading to eligibility for a certificate of Special Qualifications in Vascular Surgery granted by the American Board of Surgery. One fellow is selected per year via the National Resident Matching Program. The training program is designed both for individuals preparing for an academic career as well as those intending to enter private practice. Applicants generally apply during their fourth clinical year of a General Surgery residency. Prior to beginning the fellowship, one must be board eligible or board certified in general surgery. The training program encompasses the assessment, diagnosis, and treatment of pathologies involving the arterial, venous and lymphatic systems, as well as various other procedures such as spine exposures. The spectrum of clinical cases ranges from the fundamental traditional cases to the exceptionally complex open operations and percutaneous procedures.

University of Oklahoma College of Medicine - School of Community Medicine, Tulsa
Tulsa, OK
Program Contact: audrey-crum@ouhsc.edu
Website: http://www.ou.edu/content/tulsa/residency/surgery.html
Paradigms Offered: 5+2
The Vascular Surgery Fellowship Program at the University of Oklahoma College of Medicine – School of Community Medicine in Tulsa provides trainees with a diverse surgical training necessary for the
development of the modern vascular surgeon. Accredited in 2012, the program accepts one fellow per year. Participation in research is encouraged. Based at a busy ACS-Level II trauma certified tertiary care hospital, the program interacts with a full complement of multi-disciplinary services (e.g. General Surgery, Surgical Oncology, Trauma/Surgical Critical Care, Cardio-thoracic Surgery, Internal/Family Medicine, Nephrology, Interventional Radiology, Cardiology, Infectious disease, Orthopedic Surgery, Neurosurgery, Emergency Medicine, Obstetrics/Gynecology, and Neurology). As a result, the trainees case volume satisfies and exceeds all ACGME requirements covering essential areas of vascular and endovascular surgery.

University of Pennsylvania
Philadelphia, PA
Program Contact: bamwalsh@aol.com
Website: http://www.uphs.upenn.edu/pahedu/gme/adv_vasc.html
Paradigms Offered: 5+2, 0+5
The Vascular Surgery Fellowship at Pennsylvania Hospital is a two-year fellowship and was one of the first accredited vascular fellowships in the United States. The program offers a unique opportunity to learn advanced complex vascular procedures in a tertiary-care hospital with state-of-the art equipment with close personal attention by the faculty. The vascular fellows gain extensive vascular experience in all aspects of vascular care, including complicated open thoracic and abdominal aortic operations, carotid and lower extremity arterial surgery, complex endovascular interventions to treat aortic, carotid, mesenteric, renal and lower extremity pathology, along with procedures frequently performed in clinical practice that are omitted in many fellowships, such as hemodialysis access construction and endovascular maintenance, in-office venous procedures, and endovascular PAD interventions in our office-based access center.

University of Rochester Vascular Surgery Integrated Residency
Rochester, NY
Program Contact: susan_edwards@urmc.rochester.edu
Website: http://www.urmc.rochester.edu/education/graduate-medical-education/prospective-residents/vascular-surgery.aspx
Paradigms Offered: 0+5
The Vascular Surgery Integrated Residency Program at the University of Rochester Medical Center in Rochester, New York is an ACGME-approved five-year program. Our residents have a high case volume and do rotations at four different hospitals. Most of our residents present papers at several national meetings every year and are involved in various research projects. Visit our website to learn more!

University of South Florida Morsani
Tampa, FL
Program Contact: mshames@health.usf.edu
Paradigms Offered: 5+2, 0+5
USF Vascular Surgery provides both an integrated and traditional fellowship track. Residents rotate at Tampa General Hospital which is a level 1 trauma center with 1000 beds, and also our 2 VA hospitals. The program accepts 2 integrated residents each year. The program includes 1 year of dedicated research between the 2-3 years.

University of Southern California
Los Angeles, CA
Program Contact: vincent.rowe@med.usc.edu
Website: http://www.surgery.usc.edu/vascular/education.html
Paradigms Offered: 5+2, 0+5
The University of Southern California (USC) Program in Vascular Surgery is conducted at the University of Southern California Health Sciences Campus (Keck Hospital of USC and Los Angeles County+USC Medical Center - LAC+USCMC) in Los Angeles, and Huntington Memorial Hospital (HMH) in Pasadena, California. The program is focused on developing the vascular surgeons of the future by providing a thorough and in depth open, endovascular, vascular medicine and vascular imaging experience. The
program offers two tracks that result in the privilege of sitting for American Board of Surgery Certification in Vascular Surgery. One track, 0+5, matches medical students in a dedicated vascular surgery program, the other, 5+2, provides those who have completed a general surgery residency an opportunity of additional focused training in vascular surgery.

**University of Tennessee Medical Center at Knoxville**
Knoxville, TN  
Paradigms Offered: 5+2

**University of Tennessee**
Memphis, TN  
Paradigms Offered: 5+2

**University of Texas Health Science Center School of Medicine at San Antonio**
San Antonio, TX  
Paradigms Offered: 5+2

**The University of Texas Health Science Center at Houston**
Houston, TX  
Program Contact: Carol.Mateo@uth.tmc.edu  
Paradigms Offered: 5+2, 0+5  
We are very proud and excited to offer training programs that are balanced, rigorous, and empowering. The goal of our training programs is to provide a high quality education that appropriately prepares trainees to face future challenges in the field of vascular surgery.

**University of Texas Southwestern Medical School**
Dallas, TX  
Program Contact: J. Greg Modrall, MD, (214) 645-0545  
Paradigms Offered: 5+2, 4+2 (ESP)  
The University of Texas Southwestern Medical Center training program in vascular surgery offers openings for traditional “5+2” applicants who will complete their General Surgery residency training prior to the fellowship. The fellowship offers remarkable balance between open and endovascular experience and different patient populations and pathologies with alternating rotations at the Clements University Hospital, Parkland Memorial Hospital, and the Dallas Veterans Affairs Medical Center. The training program places a major emphasis on education, including a formal curriculum, multiple conferences per week, and a formal Non-invasive Vascular Laboratory course to prepare fellows for the RPVI (Registered Physician in Vascular Interpretation) exam that is now required of graduating fellows prior to the Qualifying Examination (written exam) in Vascular Surgery.

**University of Utah**
Salt Lake City, UT  
Program Contact: brigitte.smith@hsc.utah.edu  
Website: http://medicine.utah.edu/surgery/vascular_surgery/fellowship/  
Paradigms Offered: 5+2  
The University of Utah is the state's flagship academic medical center and the major referral hospital for the Mountain West. We offer a fully-accredited, two-year fellowship training program with clinical sites at the University and VA Hospitals. Our seven faculty vascular surgeons hail from various training backgrounds, bringing diverse perspectives and skill sets to the treatment of vascular disease. Our focus as educators is to assist our trainees in developing clinical judgment and decision making skills, in addition to technical expertise and progressive autonomy.

**University of Vermont Medical Center Vascular Fellowship**
Burlington, VT  
Program Contact: julie.lahiri@uvmhealth.org  
Paradigms Offered: 5+2
The University of Vermont Medical Center offers the Independent "5+2" Vascular Surgery Fellowship for residents completing surgery training. Our two-year program is designed to produce skilled surgeons who practice evidence-based medicine with a focus on optimizing outcomes and lifelong learning. The Vascular Division includes five board-certified vascular surgeons who are highly motivated to educate the next generation of vascular surgeons through individualized instruction.

**University of Virginia, Vascular Surgery Fellowship**  
Charlottesville, VA  
Program Contact: kdd3k@virginia.edu  
Website: https://surgery.virginia.edu/vascular/vascular-surgery-residency-program/  
Paradigms Offered: 5+2  
Welcome to the Vascular Surgery Fellowship at the University of Virginia. We are a thriving academic practice which trains two Vascular Surgery Fellows per year. The University of Virginia Medical Center is located in the desirable college town of Charlottesville which is a great place to live and work. Our fellowship continues to offer the full spectrum of vascular surgery including a great experience in both complex open aortic and lower extremity surgery as well as cutting-edge endovascular intervention. We pride ourselves on our top-notch residents and fellows, the highest level patient care, diverse faculty interests, academic mentorship, strong research infrastructure, and our collegial working environment. We welcome your interest and visit.

**University of Washington Vascular Surgery Integrated Residency and Fellowship**  
Seattle, WA  
Program Contact: agw3@uw.edu  
Website: http://www.uwsurgery.org  
Paradigms Offered: 0+5, 5+2  
The UW vascular surgery training programs provide a comprehensive "immersion" into the diagnosis and management of all aspects of vascular disease in a multi-disciplinary context. The 0+5 program curriculum includes: clinical training in core surgical education during the first two years, including rotations in general surgery, trauma surgery, ICU, plastic surgery and orthopedics. The final three years are comprised of senior-level training in vascular surgery, providing trainees with ample experience in general surgery and condensed training in management of vascular disease. Four different rotation sites provide experience with a variety of patient populations and health systems. The 5+2 program curriculum includes: two years of condensed vascular surgery training; diverse experience with a variety of patient populations at three different rotation sites, enhancing training that covers many different opportunities to manage a multitude of types of vascular disease and experience providing patient care in different health systems. Both programs offer a wide range of operative experiences, weekly surgical simulation and surgical skills training, a substantial conference schedule, 2 cadaver courses/year and a seasoned, successful and respected team of faculty members who are deeply committed to the surgical education of our trainees.

**University of Wisconsin Vascular Surgery Residency and Fellowship**  
Madison, WI  
Program Contact: dimusto@surgery.wisc.edu  
Paradigms Offered: 5+2, 0+5  
The University of Wisconsin Division of Vascular Surgery has a long history of graduating trainees who are successful in both academic and private practice. We offer both a 0+5 residency and a 5+2 fellowship. The strengths of the program include complex open and endovascular treatment of aortic disease, peripheral occlusive disease, and carotid disease. Trainees will be exposed to tertiary care at the University Hospital and VA, as well as community and ambulatory vascular surgery. Academic pursuits concurrent with clinical training or as an additional experience are also encouraged.

**UPMC Vascular Surgery Residency & Fellowship Programs**  
Pittsburgh, PA  
Program Contact: chaerra@upmc.edu  
Website: http://www.UPMC.com/vascularsurgerytraining
Paradigms Offered: 5+2, 0+5
The five-year residency program is designed to train well-rounded vascular specialists with expertise in clinical and academic vascular care and provides exposure to cutting edge evolving new technologies and research. The program includes an additional mandatory two years of research under a T32 training grant. The two-year fellowship program in vascular surgery offers clinical experience including core service rotations, endovascular interventional experience, a venous rotation, clinical noninvasive vascular laboratory education, and clinical research.

**UT Health San Antonio**
Program Contact: garciagirald@uthscsa.edu
Website: http://vascular.uthscsa.edu
Paradigms Offered: 5+2
Our program offers a wonderful case mix of training opportunities with the Veteran’s Hospital, the county University Hospital, and the private practice hospital of St. Luke's Baptist. It is a privilege to care for our nation’s veterans who have risked their lives for our freedom.

**Vanderbilt University**
Nashville, TN
Program Contact: aundra.brown@vanderbilt.edu
Paradigms Offered: 5+2
The Vanderbilt vascular program provides a wide experience of complex open vascular surgery, basic open vascular surgery and complex endovascular surgery. Robust experience from a plethora of complex vascular cases produced from a wide referral area challenges the fellow in terms of decision making, technical conduct of procedures as well as postoperative care. Complex inpatient vascular surgical consultation is a routine component of the experience resulting in a highly qualified clinical vascular surgeon with finely tuned technical skills. All vascular faculty are experienced senior vascular surgeons highly skilled in the education and mentorship of developing vascular surgeons.

**Vidant Medical Center/East Carolina University Program**
Greenville, NC
Program Contact: echifellows@ecu.edu
Paradigms Offered: 5+2
The Vascular and Endovascular Surgery fellowship training is a 5+2 program, accredited by the ACGME. Training will take place at the East Carolina Heart Institute, which is a joint venture between the Brody School of Medicine and Vidant Medical Center with full access to modern endovascular suites, contemporary cardiovascular operating rooms and dedicated inpatient and outpatient cardiovascular patient care facilities.

**Virginia Commonwealth University Health System**
Richmond, VA
Paradigms Offered: 5+2

**Wake Forest Vascular Surgery Fellowship Program**
Winston-Salem, NC
Program Contact: wreedy@wakehealth.edu
Website: http://www.wakehealth.edu/VSFellowship
Paradigms Offered: 5+2
Wake Forest University Baptist Medical Center offers an ACGME-accredited, two year postgraduate fellowship in Vascular and Endovascular Surgery. Clinical rotations provide a procedural and patient care experience with board-certified vascular surgeons practicing in both academic and community environments. Additional educational activities include clinical vascular laboratory interpretation, didactic clinical conferences, and robust research opportunities structured to provide a comprehensive and well-rounded experience that prepares graduates to achieve their goals.

**Washington University in St. Louis School of Medicine**
St. Louis, MO
Program Contact: wuvs@wudosis.wustl.edu
Website: http://vascularsurgery.wustl.edu
Paradigms Offered: 5+2, 0+5
The Vascular Surgery Fellowship Training program started July 1, 1986 with one ACGME-approved trainee per year. This was increased to two ACGME-approved trainees annually in 1992. In 2012, we enrolled our first resident in to the Integrated Program in Vascular Surgery (0+5). The Fellowship and Residency programs are administered by the faculty of Washington University School of Medicine and are based in the Department of Surgery. The programs are fully accredited through the ACGME and a GME consortium of Barnes-Jewish Hospital, St. Louis Children's Hospital, and Washington University School of Medicine.

West Virginia University School of Medicine
Morgantown, WV
Program Contact: christine.hayes@hsc.wvu.edu
Paradigms Offered: 5+2
The West Virginia University Health Science Center Campus is an ideal place to consider as your training ground. We have recently opened our new dedicated Heart and Vascular Institute, a 176 bed facility with 3 Cath labs, 3 hybrid rooms, 1 Electrophysiology lab, and 3 operating rooms. All facilities are located within a single independent building and also include Patient wards, intensive care units, office space, conference rooms, and library.

William Beaumont Hospital
Royal Oak, MI
Paradigms Offered: 5+2

Yale Vascular Surgery
New Haven, CT
Program Contact: anne.manzione@yale.edu
Website: http://surgery.yale.edu/vascular
Paradigms Offered: 5+2, 0+5, 4+2 (ESP)
The goals of the Yale integrated residency program in General Vascular Surgery encompass the training of vascular surgeons/scientists. Our primary objective is to produce individuals with superior skills in the management of patients with vascular disease. Fundamental to this goal is our commitment to developing the teaching and administrative capabilities of our residents.