



Jefferson[®]

HEALTH IS ALL WE DO



Jefferson

Vascular Surgery

FELLOWSHIP PROGRAM

HOME OF SIDNEY KIMMEL MEDICAL COLLEGE



Thank you for your interest in our American Board of Surgery accredited Vascular and Endovascular Surgery Fellowship Program at Thomas Jefferson University Hospital (TJUH).

This program offers a two year ACGME accredited fellowship in Vascular Surgery.

A photograph of a hospital hallway with a sign that reads "You are entering GIBBON WEST". The hallway is brightly lit with overhead lights, and the walls are a neutral color. The sign is mounted on the ceiling.

You are entering **GIBBON WEST**

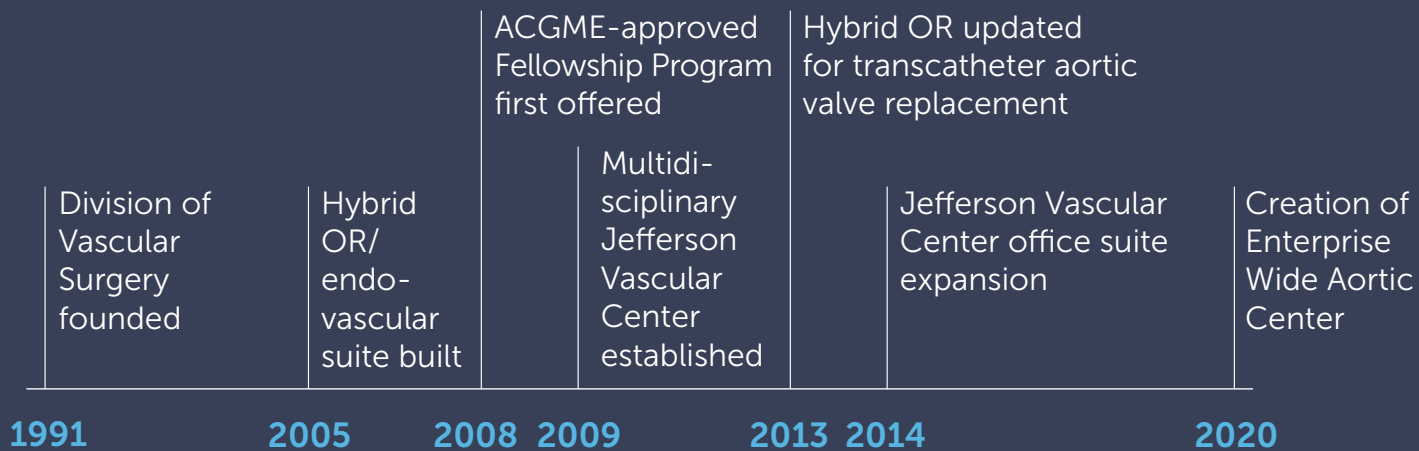
Program Description

The field of vascular surgery has undergone significant changes in the last decade, mostly involving the institution of minimally invasive endovascular surgical techniques. The Division of Vascular and Endovascular Surgery specializes in carotid artery stenting, TCAR and carotid endarterectomy, endovascular and open aortic aneurysm repair, and various treatments for peripheral vascular disease through percutaneous and open approaches.

As our population ages, there will be increased demand for trainees to treat peripheral vascular disease. Our Fellowship Program is accredited to train one fellow each year. The training curriculum at Jefferson is for two years—concentrating on endovascular techniques for the first year and open techniques in the second year.

The ACGME accredited fellowship in the Division of Vascular and Endovascular Surgery is designed to spark innovation and excellence in the clinical and academic future of our vascular surgery trainees. All of our graduates to date have passed the board exams and gone on to have successful academic and private practice careers.

Timeline Graph



Faculty



Paul DiMuzio, MD, MBA, FACS

William M. Measey Professor of Surgery
Sidney Kimmel Medical College at Thomas Jefferson University
Director, Division of Vascular and Endovascular Surgery
Thomas Jefferson University Hospital
Jefferson Health



Dawn Salvatore, MD, FACS

Assistant Professor of Surgery
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Associate Program Director, Fellowship in Vascular Surgery
Surgeon, Division of Vascular and Endovascular Surgery
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Babak Abai, MD, FACS

Associate Professor of Surgery
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Program Director, Fellowship in Vascular Surgery
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CURRICULUM

The Vascular Surgery fellows are expected to achieve the six core competencies:

1. Patient Care
2. Medical Knowledge
3. Practice Based Learning and Improvement
4. Systems Based Practice
5. Professionalism
6. Interpersonal Skills and Communication

Faculty members continuously assess performance, give feedback on an individual basis, and complete formal evaluations quarterly and annually.

Watch Video:



THE FIRST YEAR

The goal of the first year of training is to master endovascular techniques. There is a tremendous amount of learning during the first year since endovascular skills are not an essential part of most general surgery residency programs. Minimally invasive endovascular procedures have become an integral part of vascular surgery practice. In addition, the first year fellow is involved with a significant number of open operations which increases manual dexterity and comfort level in preparation for the second year.



THE SECOND YEAR

The second year fellow focuses on fine tuning the tried and true open vascular techniques. There is a concentration on complex open procedures including treatment of thoraco-abdominal aneurysms, aortoiliac occlusive disease, mesenteric arterial disease, as well as redo lower extremity revascularizations. In addition, the second year fellow is required to refine endovascular techniques by performing complex endovascular procedures like FEVAR, CheVAR and Physician Modified Endografts, endovascular mesenteric and visceral artery procedures.

One of the ACGME requirements, and goals of a university-based program, is to advance medical knowledge and academics. To this end, both the first year and the second year fellow are encouraged to be involved in clinical research projects and expected to submit manuscripts for publication. The fellows are mentored by a faculty member.

Caring for vascular patients in an outpatient setting is a crucial part of the training of a Vascular Surgery fellow. There is a rotating schedule in place to ensure adequate exposure to office hours.

The vascular laboratory is an invaluable tool in a vascular surgeon's kit. It is a requirement of the vascular surgery board for fellows to have successfully passed the RPVI (Registered Physician in Vascular Interpretation) examination before sitting for their specialty boards. A rotation schedule ensures that fellows will be competent in evaluating and interpreting studies that are performed in our vascular laboratory.

Finally, we have an outpatient venous program. Fellows are encouraged, and often elect, to take part in treatment of patients with disorders of veins.





Morbidity and Mortality Conference and Educational Conference

The Department of Surgery holds a weekly M&M conference on Thursday mornings at 7:00 am. The fellows and residents on the vascular rotation are expected to post and present vascular morbidities and mortalities for discussion.

Weekly Vascular Surgery education conferences are held on Friday mornings at 7:00 am. Twice a month the vascular fellows share the responsibility of presenting a topic followed by a discussion with the faculty. The remaining two Fridays of the month are dedicated to a combined conference with the Pennsylvania Hospital Vascular Fellowship Program. This combined conference is arranged so that, in alternating fashion, the fellows from one program present cases while the fellows from the other program are quizzed in oral board style.



Journal Club

Journal club is held once every three months. Three articles or clinical guidelines are selected based on a specific topic. The fellows present the purpose and methods of the study followed by a review of the results and a critique of the study. Vascular Surgery faculty members serve as moderators.

The Division of Vascular and Endovascular Surgery is also the Host for the Online Journal of Vascular Surgery Journal Club a virtual platform within which important articles in the literature are presented, reviewed and discussed by experts in the field as well as the contributing authors.



Rotation Schedule

OR: 3-4 days per week

1st year: endovascular/open

2nd year: open/endovascular

Office Hours: 1/2 day per week in the Jefferson Vascular Center

See patients independently

Dictate in EMR and communicate with primary care physician

Ultrasound: 1/2 day per week in the Jefferson Vascular Center

Work directly with vascular ultrasonographers

Dictate reports using PowerScribe

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GIBBON BUILDING

111 South 11th Street

Eligibility

PGY-5 surgical residents who will complete their general surgical residency in an ACGME approved program by June 30th are eligible to apply.

The categorical surgical residents in ACGME approved programs who are interested in vascular surgery training and are about to start their fourth clinical year of general surgery are eligible to apply.

Interested candidates must intend to complete a five-year categorical general surgery training program prior to enrollment.

How to Apply

The Vascular Surgery Fellowship Program accepts universal applications and participates in the NRMP match. We require receipt of the following information:

- Fellowship application: <http://www.nrmp.org/fellowships/vascular-surgery-match/>
- Curriculum vitae
- Three letters of recommendation, one of which should come from your current program director
- A personal statement describing your training goals, interests and career plans
- A copy of your USMLE scores or ECFMG if you are a foreign medical graduate

The Division of Vascular Surgery faculty members review all applications and offer interviews based on the merit of the applications.





About

Thomas Jefferson University Hospital

Fast Facts:

- 9967 employees
- 926 licensed acute care beds
- 2972 RNs (full and part-time)
- 1635 physicians/practitioners
- 39,229 admissions (annually)
- 124,536 emergency department visits
- 1,258,281 outpatient visits
- 14,916 inpatient surgeries
- 15,601 outpatient surgeries

Jefferson has deep roots in the historic city of Philadelphia. Founded in 1824, Jefferson Medical College (JMC) has awarded more than 30,000 medical degrees and has more living graduates than any other medical school in the nation. Jefferson is now the 2nd largest private medical college in the U.S. In 2014, Jefferson Medical College was renamed the Sidney Kimmel Medical College at Thomas Jefferson University following a \$110 million gift — the single largest in its history — from the Sidney Kimmel Foundation.

Thomas Jefferson University is an institution dedicated to healthcare education and research and more. It is comprised of Sidney Kimmel Medical College, Jefferson College of Biomedical Sciences, Jefferson College of Health Professions, Jefferson College of Nursing, Jefferson College of Pharmacy and Jefferson College of Population Health. Jefferson Health is dedicated to excellence in patient care. Following a merger with the former Philadelphia University in the East Falls section of Philadelphia, Thomas Jefferson University now offers education beyond healthcare in Architecture, Engineering, Science, Business, Fashion and Textiles, Social Science and Design.

Thomas Jefferson University Hospital (TJUH) is the flagship hospital of Jefferson Health, a 14 hospital conglomerate based in southeast Pennsylvania and South Jersey. It is comprised of Thomas Jefferson University Hospital, Jefferson Hospital for Neuroscience, Methodist Hospital, Jefferson Abington Hospital, Jefferson Northeast Hospitals, Jefferson New Jersey Hospitals, and numerous outpatient satellite offices. The enterprise includes 6300 physicians/practitioners, 7900 nurses, 40+ outpatient and urgent care locations and services 4 millions patients annually. TJUH is the referral Hospital for all complex aortic and vascular procedures within Jefferson Health as well as other non-affiliated hospital systems in the region.

The Department of Surgery at Jefferson holds a unique position in the history of American medicine. Many of the field's most gifted visionaries have been faculty members, including the founder George McClellan, Samuel D. Gross of "Gross Clinic" fame and John H. Gibbon, Jr., inventor of the heart-lung machine.

Today, our faculty is comprised of over 60 talented clinicians and researchers, men and women at the top of their respective fields. We are dedicated to pursuing clinical and bench research, translating our findings to clinical practice, and educating the next generation of surgeons.

The Philadelphia Experience

Philadelphia offers a unique variety of attractions, culture, entertainment and activity. Sure, it has cheesesteaks and the Philadelphia Museum of Art (you know the famous steps where Rocky ran), but the city is also an East Coast hot spot – from outdoor cafes along Rittenhouse Square to the cobblestone streets between 2nd and 4th near Market Street buzzing with bars and boutiques and of course our premier arts and entertainment district known as the Avenue of the Arts.

Philadelphia is a city where colonial homes on cobble-stoned streets lie next to affluent avenues filled with museums, cafes and lively night spots. In Philadelphia, you can find almost anything and everything just a few minutes walk away. From convenient corner stores and coffee shops, to trendy restaurants, nightclubs and theater, Philadelphia has the amenities of any major city.

Philly is a great city and Jefferson's campus is in a prime location. Jefferson is proud to be situated just a few blocks from the most historic square mile in America – Independence National Historical Park. Here you will find the Liberty Bell and Independence Hall where the 13 colonies adopted the Declaration of Independence.

