

Vascular Surgery Fellowship Program

University of Wisconsin, Madison

Paul D. DiMusto, MD

Associate Professor of Surgery

Program Director, Vascular Surgery

Division of Vascular Surgery

University of Wisconsin, Madison



Our Mission

- To train the **future leaders** in Vascular Surgery
 - Compassionate physicians
 - Technical excellence
 - Mature judgement
 - Leadership skills
 - Research experience



Departmental Leadership



Rebecca M. Minter, MD
A.R. Curreri Distinguished Professor
Chair, Department of Surgery



Brigitte Smith, MD, MPHE
Associate Professor, Division of Vascular Surgery
Vice Chair of Education



Girma Tefera, MD
Professor, Division of Vascular Surgery
Vice Chair of Global Surgery

Program Leadership



Paul D. DiMusto, MD
Associate Professor
Program Director, Vascular Residency
& Fellowship



Courtney Morgan, MD
Associate Professor
Associate Program Director, Vascular
Residency & Fellowship

What is Special about Surgical Training at Wisconsin?

- Breadth of advanced clinical experience
- Depth of faculty experience across fields
- Diversity of training backgrounds of the faculty
- Commitment to fellow education
- Commitment to development of leadership skills
- 50/50 Complex open/endovascular case mix



Global Vascular Surgery: Addis Ababa, Ethiopia

- Began in 2018
- The first vascular residency in Africa (outside South Africa)
- Opportunity for PGY-6 Vascular fellow to rotate for 1 month when UW faculty present
- Board approval to count towards training



Programs and Clinical Trials

- Limb Salvage Angioplasty Program
- Hemodialysis Access
 - Percutaneous AV Fistula
- Thoracic Outlet Syndrome
- Complex Thoracic Endograft Program
- Fenestrated EVAR Program
- BEST CLI Trial
- GORE® TAG® Thoracic Branch Endoprosthesis (TBE)
- GORE TAMBE Trial
- CREST 2 Trial; CEA vs CAS vs Medical Management

Research within the Division

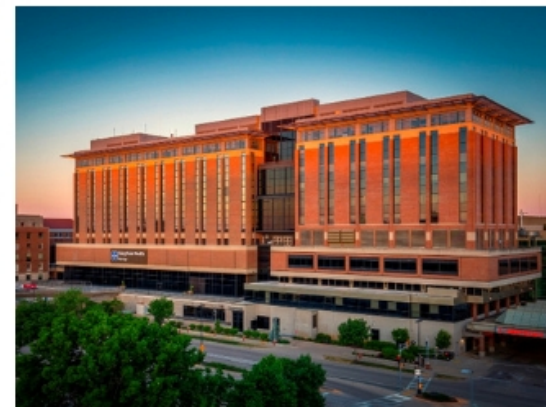
- Division of Vascular Surgery has funded faculty researchers!
 - NIH, AHA, PCORI, NPCRC, etc.
 - Basic Science - AAA - Dr. Liu
 - Outcomes - WiSOR
 - Data and Data Analysis - Dr. Bennett
 - AAA - Dr. Yamanouchi
 - Global Surgery - Dr. Tefera
 - Bioethics, Studies to change clinical practice - Dr. Schwarze
 - Clinical Trials - Gore Core Lab, BEST-CLI, TEVAR/EVAR, etc...
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- Vascular Residency now requires 2 years of mandatory research after PGY2 clinical year.

Vascular Surgery Fellowship

- Provide incremental, progressive training in vascular surgery (VS) during the two-year program
- Four integrated sites:
 - University Hospital
 - William S. Middleton VA Hospital (connected by corridor)
 - Meriter Hospital (10 minute drive)
 - Arbor Gate Vein Center (15 minute drive)
- Affiliated Rotations:
 - UW Health Northern Illinois - Swedish American Hospital in Rockford, IL

MAJOR CLINICAL FACILITIES

- UW Hospital - 505 beds
- Meriter Hospital - 450 beds
- Veterans Hospital - 90 beds
- American Family Children's Hospital - 87 beds
- East Madison Hospital - 56 beds



UW Health Main Campus



University Hospital



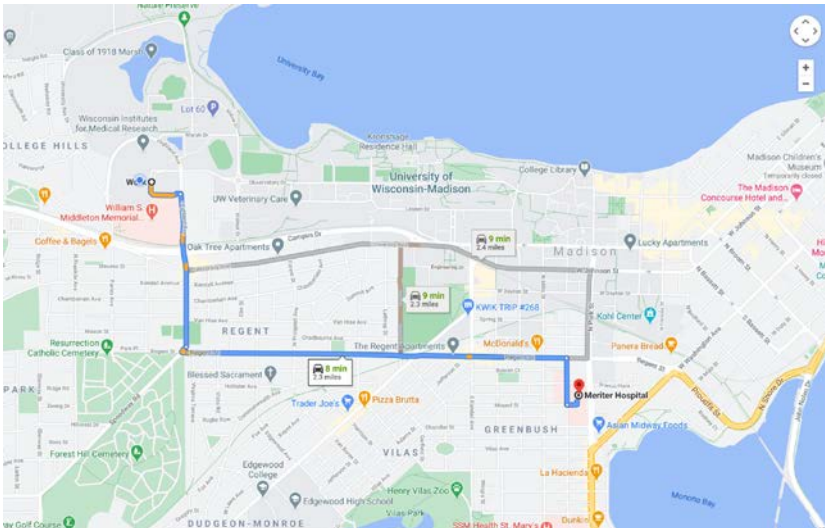
- Tertiary referral center
- Hybrid operating room
- Dedicated OR Team
- Cardiovascular Anesthesia
- Closed SICU
- Dedicated IMC/general care floor
- Vascular lab
- Any vascular operation can be done here
- Faculty are “on service” for the week
- Two APPs during the week, one on weekends

VA Hospital

- Hybrid Operating Room
- Weekly Clinic
- Vascular Lab
- Almost all vascular procedures done here
 - Complex aortic surgery done at the University
- Inpatient and outpatient APP support



Meriter Hospital



- Community hospital
 - JOA with UW
- Dedicated Vascular Service
 - Senior vascular trainee and general surgery PGY 3
 - APP support during the week
 - APP, general surgery, and vascular lab residents help cover weekends
- Peripheral endovascular, dialysis access, varicose vein, carotid endarterectomy
- Faculty “on service” for a week

UW Health Northern Illinois, SwedishAmerican Hospital



- 357 beds
- New ICU and moderate care tower
- New Women and Children's tower
- Level II Trauma Center
- 3 vascular surgeons and 2 APPs
- 75 miles from Madison
- Practice the spectrum of community vascular surgery
- Complex procedures referred to Madison

Vascular Surgery Fellowship Curriculum

- Follow the Vascular SCORE (VSCORE) for our weekly didactic curriculum
 - Topics/schedule known in advance to allow for pre-reading
 - Interactive lectures given by faculty and residents
- Indications and M&M conference alternate weekly
- Monthly multi-disciplinary Complex Aortic Disease Conference
- Faculty-sponsored Monthly Journal Club
- Monthly simulation sessions – FEVS curriculum
- UCLA/SVS Vascular Review Course in September of PGY 6
- RPVI Exam in PGY 7 year (Division covers cost)

Vascular Rotations PGY 6 and PGY 7

- UW Vascular Service (12 months total)
- 6 two-month blocks over the PGY 6 & 7 years
 - Fellows work opposite the senior residents (ACGME rule)
 - Vascular PGY 2 or 3 also on service
 - General Surgery PGY 1
 - Inpatient APP support
- Do the range of vascular surgery – particularly complex open, endovascular and hybrid procedures
- Night and weekend call q4 from home – shared with the other senior trainees
- Trauma team sees the ER consults at night and staffs them directly with the faculty

Vascular Rotations PGY 6 and PGY 7

- **Meriter Rotation (6 months total*)**
- 3 two-month blocks as chief over the PGY 6 & 7 years
 - General surgery PGY 3 and APPs
- Endovascular and open arterial cases
- Vein care in the Vein Clinic at Arbor Gate
- Clinic time at 1 South Park clinic
- Rockford rotation during this time
- IR rotation one month
- Ethiopia rotation would be during this time
- Share night and weekend call with the other senior residents (q4)

Vascular Rotations PGY 6 and PGY 7

- **VA Rotation (6 months total)**
- 3 two-month blocks as chief over the PGY 6 & 7 years
 - APPs, occasional general surgery PGY 1
- Responsible for running the service
 - Faculty rotate by the day
- Complete range of vascular surgery cases
- Run the outpatient clinic with faculty supervision (1 day/week)
- Share night and weekend call with the other senior residents (q4)

Vascular Call

- Backup night-float intern from home every 4th night during week
- Work every 4th weekend (in rotation with other senior trainees)
- Weekend Midlevel NP support at UH

Policy on V-SITE

- Vascular Surgery In-service Training Exam
- Exam is required both Fellowship years
- Preparation for the Vascular Surgery Qualifying (“Written”) examination.



Department of Surgery
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

Remarkable People, Remarkable Results.