



School of Medicine  
*University of Missouri*



# Vascular Surgery Fellowship

University of Missouri



@MizzouVascular

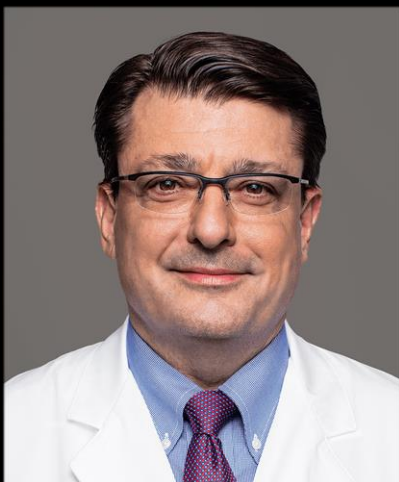
# Welcome to MIZZOU

The Division of Vascular Surgery at the University of Missouri is committed to providing the best quality of care for our patients and the community. We are the largest academic tertiary regional referral center for vascular surgery in Mid-Missouri, providing complex quaternary care at University Hospital. As the region's only academic vascular surgery fellowship, we have built specialist programs for complex aortic aneurysm management, cerebrovascular disorders, peripheral arterial disease and limb salvage, dialysis access and venous disorders to serve the vascular needs of the region.

The Division of Vascular Surgery has maintained a 2-year ACGME-accredited fellowship for more than 30 years. Many of our fellows have gone on to become leaders in the field of vascular surgery around the country. We believe strongly in graduated responsibility toward clinical and operative autonomy. Our goal is that every fellow be proficient and prepared for the breadth and complexity of vascular surgery.

The Division of Vascular Surgery has an active research presence and is involved in a number of national clinical trials, ranging from lower extremity in-stent restenosis trials, best approaches for critical limb ischemia, carotid interventions and outcomes for AAA. In addition to clinical innovation, we have a strong history of clinical outcomes research using national databases such as the VQI, NIS, Medicare MedPAR, NSQIP and Cerner® HealthFacts EMR data.

Thank you for your interest in our Vascular Surgery Fellowship Program. We invite you to contact us with any questions you may have.



**Todd Vogel, MD MPH FACS**

**Division Chief of Vascular and  
Endovascular Surgery, Margaret  
Proctor Mulligan Professorship in  
Medical Research**



**Jonathan Bath, MD FACS DFSVS**

**Program Director for Vascular Surgery  
Fellowship, Medical Director of  
Cardiovascular Surgical Clinics**

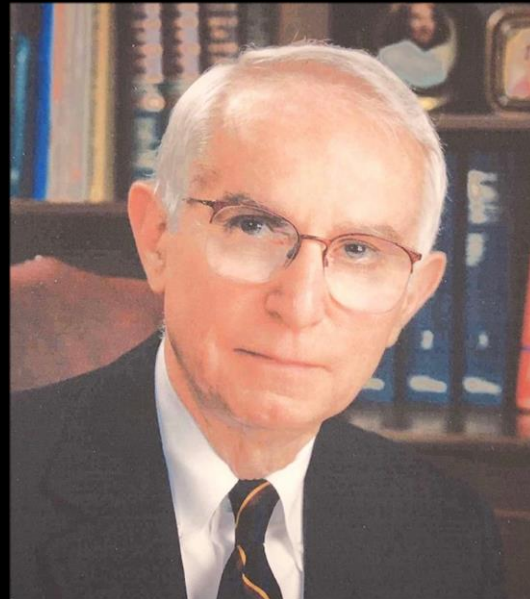
# History of MIZZOU Vascular

The Vascular Fellowship was founded in 1977 by Dr. Donald Silver whose legacy includes the first description of heparin induced thrombocytopenia, was appointed the program director at the time. The fellowship became a two-year ACGME accredited program on July 1, 1986. Dr. Silver continued in this role as he became division chief in March 2000 until 2004 where Dr. W. Kirt Nichols, who joined the division in 1973, took over as Fellowship Program Director.

As of 2021, there has been 46 graduates from the University of Missouri Vascular Fellowship with our alumni having gone on to become leaders in the field across the country.

As our field has evolved, we have adapted. Although we continue to remain a high-volume center for open abdominal aortic surgery, the program has strived to be at the cutting edge of innovation with early adoption of novel technology in all realms of vascular surgery from complex endovascular aortic surgery (Laser Fenestration), cerebrovascular interventions (TCAR), and peripheral vascular disease (OCT).

**Our mission** is to train vascular surgeons comfortable with the full breadth of vascular surgery and capable to adopt new strategies as the field continues to improve.



**Donald Silver, MD**

**W. Alton Jones Distinguished  
Professor and Chairman Emeritus**



**W. Kirt Nichols, MD**

**Professor of Vascular Surgery, former  
Vice and Interim Chair of Hugh E.  
Stephenson Jr. Dept of Surgery, previous**

# Program Structure & Curriculum



The fellowship is currently approved for 3 fellows total with alternating years accepting 1 or 2 fellows. The rotations are divided into University Hospital, Veteran Affairs, and Outpatient Vascular Surgery. The University Hospital rotation consists of managing the primary inpatient service along with 2 dedicated residents and 1 nurse practitioner with pre-eminent focus on the complex aortic and peripheral vascular cases. The Veteran Affairs rotation is focused on managing the inpatient and outpatient services at the VA hospital across the street with 2 dedicated residents and 1 physician assistant. On the Outpatient Vascular Surgery rotation, the focus will be on the numerous outpatient endovascular, dialysis access, and venous interventions to improve autonomy and comfort in the “bread and butter” vascular cases along with gaining experience in the vascular laboratory. Over the course of 2 years, there will be equal time spent across the 3 rotations with the expectation of graduated responsibility.



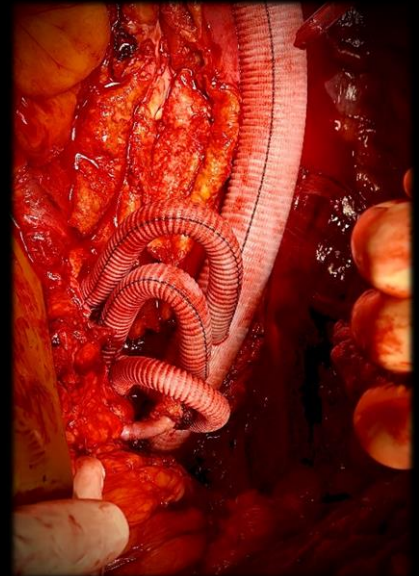
In addition to weekly case conference, there are dedicated vascular conferences monthly in journal club and M&M. We also encourage meeting participation from regional to national meetings (SVS, SCVS, VESS & MVSS) to present research or participate in mock oral examinations. We also sponsor a fellows’ bootcamp prior to the start of fellowship, the UCLA Moore course in the second year, and the online review through the Pegasus Lectures to prepare fellows for the Registered Physician in Vascular Interpretation (RPVI) exam.



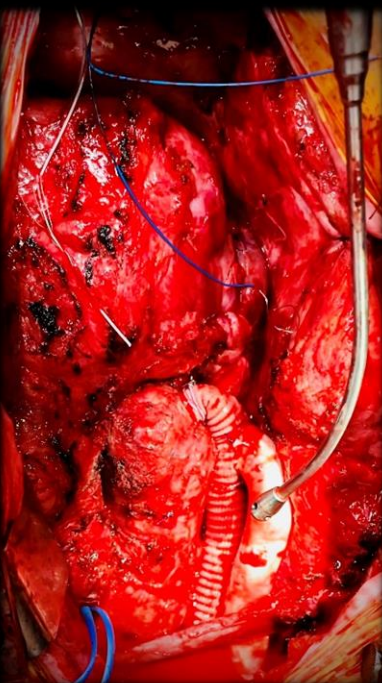
In-service and board preparation provided using the SVS Vascular Education and Self-Assessment Program (VESAP) and covered by the program.







| Defined Categories<br>(Required Cases) | Final Case<br>Averages<br>2019-2021 |
|--|-------------------------------------|
| Diagnostic<br>Endovascular (100)       | 633                                 |
| Therapeutic<br>Endovascular (80)       | 285                                 |
| Endovascular<br>Aneurysm (20)          | 91                                  |
| <b>Open Abdominal (30)</b>             | <b>61</b>                           |
| Cerebrovascular (25)                   | 51                                  |
| Open Peripheral (45)                   | 120                                 |
| Complex Vascular (10)                  | 105                                 |
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## Joining the Team

The MU Vascular Fellowship participates in the National Resident Matching Program (NRMP) and follows all NRMP guidelines. Applications are only considered through the Electronic Residency Application Service (ERAS). Registration information and relevant dates can be found at [nrmp.org](http://nrmp.org). After all applications are received, selected individuals will be invited for formal interviews between December to February.

For more information, please reach out to the Fellowship Program Coordinator:

**Megan Crane**

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