David L. Dawson, M.D.

Clinical Interests Dr. Dawson specializes in vascular and endovascular surgery, including carotid artery disease, aortic aneurysm repair, and treatment of mesenteric and renal artery disease, venous disorders, diabetic foot problems, and other complex circulation disorders. He is internationally recognized for his research and expertise with peripheral artery disease. He is a decorated Air Force veteran who, before joining the faculty at UC Davis, worked at NASA as chief of the Medical Sciences Division at the Johnson Space Center in Houston, Texas. His expertise in aviation and space medicine complements his interest in applying advanced technologies, including simulation, to health care. He is also an FAA Aviation Medical Examiner. He has written numerous journal articles and book chapters, frequently lectures at both national and international conferences, and serves in leadership roles in regional and national professional societies. Dr. Dawson is also known for roles in surgical education, including as program director for UC Davis' vascular surgery residency and fellowship.

Title Professor

Specialty Surgery - Vascular and Endovascular, Vascular and Endovascular Care

Department Surgery

Division Vascular Surgery

Center/Program Affiliation Cardiovascular Services
Vascular Center

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Vascular Center, 4860 Y St. Suite 2100 Sacramento, CA 95817
Phone: 916-734-3800

Additional Phone Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education M.D., University of Southern California School of Medicine, Los Angeles, California, 1986
B.S., University of Southern California, Los Angeles, California, 1981

Internships University of Washington, Seattle, Washington, 1985-1986

Residency University of Washington, Seattle, Washington, 1986-1990

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David L. Dawson, M.D.

Fellowships

Emory University, Atlanta, Georgia, 2001
University of Washington, Seattle, Washington, 1990-1992

Board Certifications

American Board of Surgery - Surgery, 1991
American Board of Surgery - Vascular Surgery, 1993
American Board of Vascular Medicine, Endovascular Medicine, 2006

Professional Memberships

American College of Surgeons
American Heart Association
Association for Academic Surgery
Peripheral Vascular Surgery Society
Society for Clinical Vascular Surgery
Society for Vascular Medicine and Biology
Society for Vascular Surgery
Society of Air Force Clinical Surgeons
Society of Vascular Ultrasound
Southern Association for Vascular Surgery
Western Vascular Society

Honors and Awards

Surgical Educator of the Year 2010 - UC Davis Department of Surgery, 2010
Best Clinical Paper, Society for Vascular Ultrasound (SVU) Annual Conference, 2005
NASA Achievement Award, 2001
First Place, Henry Harkins Resident Paper Competition, 1999
Critical Care and Trauma Award, 1998
First Place, Henry Harkins Resident Paper Competition, 1992
Best Paper by Resident or Fellow, Pacific Northwest Vascular Society, 1991
Third Place, Henry Harkins Resident Paper Competition, 1989
Alpha Omega Alpha, Honor Medical Society, 1985
C.V. Mosby Company Scholarship Award, 1985
Dean?s Scholar, University of Southern California School of Medicine, 1985
Degree Awarded Cum Laude, University of Southern California, 1985

Select Recent Publications

Humphries MD, Pevec WC, Laird JR, Yeo KK, Hedayati N, Dawson DL. Early duplex scanning after infrainguinal endovascular therapy. J Vasc Surg. 2011 Feb;53(2):353-8.

Stamova B, Tian Y, Jickling G, Bushnell C, Zhan X, Liu D, Ander BP, Verro P, Patel V, Pevec WC, Hedayati N, Dawson DL, Jauch EC, Pancioli A, Broderick JP, Sharp FR. The X-Chromosome Has a Different Pattern of Gene Expression in Women Compared With Men With Ischemic Stroke.

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Stroke. 2011 Nov 3.

Tian Y, Stamova B, Jickling GC, Liu D, Ander BP, Bushnell C, Zhan X, Davis RR, Verro P, Pevec WC, Hedayati N, Dawson DL, Khoury J, Jauch EC, Pancioli A, Broderick JP, Sharp FR. Effects of gender on gene expression in the blood of ischemic stroke patients. J Cereb Blood Flow Metab. 2011 Dec 14.

Hedayati N, Del Pizzo DJ, Harris SE, Kuskowski M, Pevec WC, Lee ES, Pifer C, Dawson DL. Predictors of diagnostic success with renal artery duplex ultrasonography. Ann Vasc Surg. 2011 May;25(4):515-9.

Humphries MD, Dawson DL. Asymptomatic bilateral external iliac vein aneurysms in a young athlete: case report and literature review. ,em>Vasc Endovascular Surg. 2010 Oct;44(7):594-6.

Laird JR, Dawson DL. The role for cryoplasty in the treatment of infrainguinal artery disease: case studies. J Endovasc Ther. 2009 Apr;16(2 Suppl 2):II116-28.

Lee ES, Dawson DL. The management of large bilateral internal iliac artery aneurysms using the T-Stat Colon Oximeter. ,em>Ann Vasc Surg. 2010 Jan;24(1):115.e1-4. Epub 2009 Sep 17.

Lee ES, Pickett E, Hedayati N, Dawson DL, Pevec WC. Implementation of an aortic screening program in clinical practice: implications for the Screen For Abdominal Aortic Aneurysms Very Efficiently (SAAAVE) Act. ,em>J Vasc Surg. 2009 May;49(5):1107-11.

Moos JM, Rowell S, Dawson DL. Symptomatic 7-cm abdominal aortic aneurysm in an otherwise healthy 31-year-old woman. ,em>Vasc Endovascular Surg. 2009 Dec;43(6):622-6. Epub 2009 Jul 29.

Dawson DL, Lee ES, Hedayati N, Pevec WC. Four-year experience with a regional program providing simulation-based endovascular training for vascular surgery fellows. J Surg Educ. 2009 Nov-Dec;66(6):330-5.

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