

CURRICULUM VITAE

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LICENSURE: Tennessee - MD
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BOARD CERTIFICATION: American Board of Surgery
Issued: September 16, 1992

Added Qualifications in General Vascular Surgery
Issued: May 11, 1998

EDUCATION: Brown University
Providence, RI
ScB in Applied Mathematics/Biology
June 1982

The Johns Hopkins University
School of Medicine
Baltimore, MD
May 1986

POSTGRADUATE: July 1986 - June 1991
Internship and Residency in General Surgery
Lenox Hill Hospital
New York, NY

July 1991 - September 1994
Surgical Research Fellow

The National Heart, Lung and Blood Institute
National Institute of Health
Bethesda, MD

September 1994 - June 1997
Fellowship in Vascular Surgery
Stanford University Hospital
Stanford, CA

CURRENT APPOINTMENT: July 1997 - present
Assistant Professor of Surgery and Cell Biology
Vanderbilt University School of Medicine
Nashville, Tennessee

HONORS: Irving Page Council on Arteriosclerosis Award for Young
Investigators finalist. AHA annual conference, 1994.
Dallas, TX

MEMBERSHIPS: American Heart Association, Stroke Council
H. William Scott, Jr. Society
Association for Academic Surgery
Association of VA Surgeons
TN Chapter, American College of Surgeons
American College of Surgeons, 2000
Southeastern Surgical Congress, 2001
Southern Association for Vascular Surgery, 2001

GRANTS:

NIH 1 K08 HL69926-01 Dates 7-2002 through 6-2007

Lifeline/von Liebig Foundation Award Dates 7-2002 through 6-2007

PUBLICATIONS:

- 1) Guzman RJ, Lemarchand PL, Crystal RG, Epstein SE, Finkel T. Efficient transfer into myocardium by direct injection of adenovirus vectors. *Circ Research* 1993; 73:1202-1207.
- 2) Guzman RJ, Lemarchand PL, Crystal RG, Epstein SE, Finkel T. Efficient and selective adenovirus-mediated gene transfer into vascular neointima. *Circulation* 1993; 88:2838-2848.
- 3) Epstein SE, Speir E, Unger E, Guzman RJ, Finkel T. Molecular mechanisms in restenosis. *J Amer Col Cardiology* 1994; 23:1278-1288.
- 4) Guzman RJ, Hirschowitz E, Brody S, Crystal RG, Epstein SE, Finkel T. In-vivo suppression of injury-induced vascular smooth muscle cell accumulation using adenovirus mediated transfer of the herpes simplex virus thymidine kinase gene. *Proc Natl Acad Sci USA* 1994; 91:10732-10736.
- 5) Guzman RJ, Abe K, Zarins CK. Flow-induced arterial enlargement is inhibited by suppression of nitric oxide synthase activity in vivo. *Surgery* 1997; 122:273-280.
- 6) Harrell RL, Rajanayagam S, Guzman RJ, Hirschowitz EA, Crystal RG, Epstein SE, Finkel T. Inhibition of vascular smooth muscle proliferation by adenoviral-mediated gene transfer of cytosine deaminase. *Circulation* 1997; 96(2): 621-627.
- 7) Abbruzzese TA, Guzman RJ, Martin RL, Yee C, Zarins CK, Dalman RL. Matrix metalloproteinase inhibition limits arterial enlargements in a rodent arteriovenous fistula model. *Surg* 1998; 124(2):328-34.
- 8) Zhou YF, Shou M, Guetta E, Guzman R, Unger EF, Yu ZX, Zhang J, Finkel T, Epstein SE. Cytomegalovirus infection of rats increases the neointimal response to vascular injury without consistent evidence of direct infection of the vascular wall. *Circulation* 1999; 100(14): 1569-1575.
- 9) Eliason JL, Passman MA, Guzman RJ, Naslund TC. Durability of percutaneous angioplasty and stent implantation for the treatment of abdominal aortic coarctation – a case report. *Vasc Surg* 2001;35(5):397-401.
- 10) Kume T, Eliason JL, Borkon M, Rogers C, Hogan BLM, Guzman, RJ. BMP4 is induced by shear stress and it inhibits smooth muscle cell proliferation. (manuscript in preparation).
- 11) Passman MA, Guzman RJ, Pierce R, Naslund TC. Impact of Medicare denials on noninvasive vascular diagnostic testing. *JVS* 2001; 34(5):846-853.

- 12) Eliason JL, Netterville JL, Guzman RJ, Passman MA, Naslund TC. Primary repair of skull base internal carotid artery lesions using bypass to the petrous internal carotid artery. *Cardiovasc Surg* 2002; 10(1):31-27.
- 13) Conners MS, Guzman RJ, Passman MA, Becker S, Pierce R, Kelly T, Naslund TC. Duplex-directed placement of inferior vena cava filters: A five-year institutional experience. *J Vasc Surg* 2002; 35(2):286-291.
- 14) Eliason JL, Guzman RJ, Passman MA, Naslund TC. Infected endovascular graft secondary to coil embolization of endoleak: a demonstration of the importance of operative sterility. *Annals Vasc Surg* 2002; 16(5):562-565.
- 15) Guzman RJ, Krystkowiak A, Zarins CK. Early and sustained medial cell activation after aortocaval fistula creation in mice. *J Surg Res* 2002; 108(1):112-121.
- 16) Faulk J, Eliason JL, Kume T, Rogers CM, Borkon M, Corriere M, O’Keeffe S, Hogan BLM, Guzman. BMPs inhibit PDGF-induced Smooth Muscle Cell Migration. Manuscript in Preparation.
- 17) Corriere MA, Passman MA, Guzman RJ, Dattilo JB, Nasund TC. Aneurysmal degeneration of a saphenous vein graft following femoral popliteal bypass. *Vasc Endovasc Surg* 2004; 38:267-71.
- 18) Corriere MA, Feurer ID, Becker SY, Dattilo JD, Passman MA, Guzman RJ, Naslund TC. Endoleak following endovascular abdominal aortic aneurysm repair: implications for duration of screening. Presented at the 115th Annual Meeting of the Southern Surgical Association. *Annals of Surgery* 2004. (In press)
- 19) Corriere MA, Passman PA, Guzman RJ, Dattilo JB, Naslund TC. Retrieving “non-retrievable” inferior vena cava Greenfield filters: A therapeutic option for filter malpositioning. *Annals of Vascular Surgery* 2004 (In press).
- 20) Garrett JV, Passman MA, Guzman RJ, Dattilo JB, Naslund TC. Expanding options for bedside placement of inferior vena cava filters with intravascular ultrasound when transabdominal duplex ultrasound imaging is inadequate. *Ann Vasc Surg* 2004; 18:329-334.
- 21) Dattilo JB, Jayaram G, Guzman RJ, Passman MA, Naslund TC. Modern carotid endarterectomy and reappraisal of the high risk patient. *J Vasc Surg*, 2004 (submitted).
- 22) Corriere MA, Passman MA, Dattilo JB, Guzman RJ, Naslund TC. Comparison of bedside trans-abdominal Duplex ultrasound versus contrast venography for inferior vena cava filter placement: What is the best imaging modality? *Annals Vasc Surg* 2005; 19:229-234.

CHAPTERS:

- 1) Guzman RJ, Finkel T, Epstein SE. Molecular-based strategies to inhibit intimal hyperplasia. In: Dobrin P, ed. Intimal Hyperplasia. Austin, TX: R.G. Landes Company; 1994.

ABSTRACTS:

- 1) Merillat JE, Levine JH, Weisman HG, Stern MD, Spear JF, Moore EN, Kadish AA, Fonger J, Guzman RJ, Guarnieri T. Laser ablation leads to more focal electrophysiologic effects compared to catheter delivered, high energy ablation. *JACC* 7:237A, 1986.
- 2) Borim AA, Fondacaro PF, Holm C, Guzman RJ, Eisenberg MM. The effect of somatostatin analog on pancreatic capillary blood flow during acute pancreatitis. *Gastroenterology* 98:A214, 1990.
- 3) Guzman RJ, Lemarchand PL, Crystal RG, Epstein SE, Finkel T. Adenovirus-mediated gene transfer into vascular neointima in vivo. *Circulation* 88:I80, 1993.
- 4) Guzman RJ, Lemarchand PL, Crystal RG, Epstein SE, Finkel T. Adenovirus-mediated gene transfer into vascular smooth muscle cells in vitro and in vivo. *Surgical Forum - Vascular*. Presented at the American College of Surgeons Annual Meeting, San Francisco, CA, October 1993.
- 5) Guzman RJ, Hirschowitz E, Brody S, Crystal RG, Epstein SE, Finkel T. Inhibition of neointimal accumulation using adenovirus vectors containing the herpes simplex thymidine kinase gene and ganciclovir. *Circulation* 90:I292, 1994.
- 6) Guzman RJ, Abe K, Zarins CK. Suppression of nitric oxide inhibits flow-induced arterial remodeling in-vivo. *Society of University Surgeons Annual Conference*. February 1997, Tampa, FL.
- 7) Guzman RJ, Krystkowiak A, Zarins CK. Increased c-fos gene expression during flow-induced arterial remodeling. *American Heart Association 70th Scientific Sessions*, Orlando, FL, November 1997.
- 8) Abbruzzese TA, Guzman RJ, Martin RL, Zarins CK, Dalman RL. Matrix metalloproteinase inhibitor RS113456 decreases flow-mediated arterial remodeling. *Circulation* 96(8):I-172.
- 9) Eliason JL, Kammerlocher TC, Passman MA, Guzman RJ, Naslund TC. Transcatheter coil embolization and endovascular graft exclusion of a large aorto-venous fistula causing high output cardiac failure: A case report. (Accepted to the SAVS for presentation at the 24th Annual Meeting January 19-22, 2000 in Tucson, Arizona.)
- 10) Eliason JL, Passman MA, Guzman RJ, Naslund TC. Treatment of abdominal aortic coarctation with percutaneous balloon angioplasty and stent implantation. (Accepted to the Society for Clinical Vascular Surgery for poster presentation at the 28th Annual Meeting March 15-19, 2000 in Rancho Mirage, California.)
- 11) Eliason JL, Passman MA, Guzman RJ, Naslund TC. Durability of percutaneous

- angioplasty and stent implantation for the treatment of abdominal aortic coarction. Presented at the Peripheral Vascular Surgery Society Meeting January 2001.
- 12) Passman MA, Guzman RJ, Pierce R, Naslund TC. The impact of Medicare denials on noninvasive vascular diagnostic testing. Presented for the 29th Annual Meeting Society for Clinical Vascular Surgery Meeting, April 5-7, 2001 in Boca Raton, FL.
 - 13) Eliason JL, Kume T, Hogan RLM, Guzman RJ. BMP4 is induced in human aortic endothelial cells and inhibits smooth muscle cell proliferation *in vitro*. Presented at the Society of University Surgeons Meeting, Chicago, IL, February 2001.
 - 14) Eliason JL, Kume T, Hogan RLM, Guzman RJ. Shear stress alterations induce endothelial BMP4 expression. Accepted for presentation at the Society for Vascular Surgery Meeting, Baltimore, MD, June 2001.
 - 15) Connors MS, Neuzil DF, Guzman RJ, Passman MP, Pierce R, Becker SY, Naslund TC. Duplex-directed placement of inferior vena cava filters: a five-year institutional experience. Accepted for presentation at the Society for Vascular Surgery Meeting, Baltimore, MD, June 10-13, 2001.
 - 16) Eliason JL, Guzman RJ, Passman MA, Naslund TC. Infected endovascular graft secondary to coil embolization of endoleak: the importance of operative sterility. Accepted Peripheral Vascular Surgery Society 2002.
 - 17) Nagy RJ, Connors MS III, Guzman RJ, Passman MA, Becker S, Naslund TC. Duplex-directed placement of inferior vena cava filters: financial impact on university vascular practice. Submitted Southeastern Surgical Congress 2002.
 - 18) Boone BA, Dattilo JB, Passman MA, Guzman RJ, Naslund TC. Endovascular management of graft complications following neo-aortoiliac reconstruction with superficial femoral-popliteal veins. Submitted Society for Clinical Vascular Surgery 2003.
 - 19) Boone Bradley A, Dattilo Jeffery B, Passman Marc A, Guzman Raul J, Naslund Thomas C. Endovascular management of graft complications following neo-aortoiliac reconstruction with superficial femoral-popliteal veins. Submitted Southern Association for Vascular Surgery 2003.
 - 20) Garrett Jeffrey V, Passman Marc A, Guzman Raul J, Dattilo Jeffery B, Naslund Thomas C. Expanding options for bedside placement of inferior vena cava filters with intravascular ultrasound when trans-abdominal ultrasound imaging inadequate. Submitted American Venous Forum 2003.
 - 21) Garrett Jeffrey V, Passman Marc A, Guzman Raul J, Dattilo Jeffery B, Naslund Thomas C. Expanding options for bedside placement of inferior vena cava filters with

- intravascular ultrasound when trans-abdominal ultrasound imaging inadequate.
Submitted Southern Association for Vascular Surgery 2003.
- 22) Corriere Matthew A, Passman Marc A, Guzman Raul J, Dattilo Jeffery B, Naslund Thomas C. Mega-Aneurysmal Degeneration of a Saphenous Vein Graft Following Femoral Popliteal Bypass. Submitted Peripheral Vascular Surgery 2003.
 - 23) Corriere MA, Feurer ID, Becker SY, Dattilo JB, Passman MA, Guzman RJ, Naslund TC. Endoleak following endovascular abdominal aortic aneurysm repair: implications for duration of screening. Submitted Southern Surgical Association 2003.
 - 24) Jayaram G, Dattilo JB, Guzman RJ, Passman MA, Naslund TC. Modern carotid endarterectomy and reappraisal of the high risk patient. Presented SAVS 2004.
 - 25) Corriere MA, Passman PA, Guzman RJ, Dattilo JB, Naslund TC. Retrieving “non-retrievable” inferior vena cava Greenfield filters: A therapeutic option for filter malpositioning. Presented at the 2004 PVSS Meeting.
 - 26) Passman MA, Dattilo JB, Guzman RJ, Naslund TC. Impact of a specialty vein clinic on an academic vascular practice. 17th Annual Meeting of American Venous Forum. Orlando, FL. Feb 2005. (submitted).
 - 27) Passman MA, Dattilo JB, Guzman RJ, Naslund TC. Comparison of endovascular procedures performed by different specialties at a single institution. 33rd Annual Meeting of Society for Clinical Vascular Surgery. Coral Gables, FL. March, 2005 (Submitted)
 - 28) Dassinger MS, Dattilo JB, Guzman RJ, Passman MA, Naslund TC. Retroperitoneal hemorrhage due to spontaneous rupture of left common iliac vein. 33rd Annual Meeting of Society for Clinical Vascular Surgery. Coral Gables, FL. March, 2005 (Submitted).
 - 29) Faulk JB, Passman MA, Boone BA, Dattilo JB, Guzman RJ, Naslund TC. Neo-aortoiliac reconstruction for aortic graft infection: Need for endovascular adjunctive therapies. 15th Annual Winter Meeting Peripheral Vascular Surgery Society. Steamboat Springs, CO. February, 200. (Submitted)