

CURRICULUM VITAE

I. Personal Information

Name Darwin Eton, M.D., F.A.C.S.

Office Phone 305-324-4840

Current Academic Rank Professor of Surgery, University of Miami

Employment: The Surgical Group of Miami
May, 2007 - present

Previous Employment: Department of Surgery, University of Miami
October, 1999 to May, 2007.

Department of Surgery, University of Southern California
September, 1995 to September, 1999

Citizenship U.S.A.

II. Higher Education

Institutional Massachusetts Institute of Technology
B.S., Chemical Engineering, 9/1974 – 6/1977
M.S., Chemical Engineering, 6/1977 – 6/1978
New York Univ. *Medical School, 9/1978 – 6/1982*
UCLA - *General Surgery, 6/1982 – 6/1984*
UCLA – *Cardiac Surgery Research, 6/1984– 6/1985*
St. Louis Univ. - *General Surgery, 6/1985-6/1988*
University of Illinois at Chicago
Research Vascular Surg. Fellow, 6/1988-6/1989
Clinical Vascular Surg. Fellow, 6/1989-6/1990
UCLA - *Endovascular Surg. Fellow, 6/1990-6/1991*

Licensure Illinois
California
Florida

Board Certification National Board of Medical Examiners, 1983

American Board of Surgery, 1989
Re-Certification, 1996

Vascular Surgery, 1993
Re-Certification, 2000

Registered Vascular Technologist, 1993

III. Experience

Academic Appointments

Professor of Clinical Surgery, University of Miami, 7/2005-
Present

Associate Professor of Clinical Surgery, University of Miami,
9/1999-7/2005

Associate Professor of Surgery, University of Southern
California, 9/1995-9/1999

Assistant Professor Surgery, Univ. of Illinois at Chicago,
6/1991-9/1995

Visiting Assistant Professor, Univ. of Illinois at Chicago,
6/1990-6/1991

Visiting Assistant Professor Univ. of California at Los Angeles,
6/1990-6/1991

Hospital Appointments

Jackson Memorial Hospital, Attending Physician 10/1999- present
VA Medical Center, Attending Physician 10/1999- present
University of Miami Hospital and Clinics, Attending Physician 10/1999-
present

Cedars Medical Center, Attending Physician 10/2001- present
Baptist Hospital of Miami - June, 2007 (temporary privileges)
Homestead Hospital of Miami - application pending

IV. PUBLICATIONS

BIBLIOGRAPHY

18. Book Chapters

- a) Eton D. Pheripheral Vascular Disease: Diagnosis and Evaluation of Peripheral Arterial Disease. **Interventional Cardiology Secrets**. Hanley & Belfus. pp. 271-281; 2003.
- b) Ahn S, Eton D. Endovascular Research: Stents. **Surgical Research**. 1st Edit editors: W.W. Souba, Douglas W. Wilmore. Academic Press. Ch 71; pp 1001-1010; 2001
- c) Eton D., Yu, H. Gene Therapy Using Stents and Stent Grafts. **Endovascular Surgery**. 3rd Edition Editor: Samuel S. Ahn, Wesley Moore. WB Saunders, pp 627-641; 2001.
- d) Eton D. Stent Assisted Vascular Anastomoses. **Seminars in Vascular Surgery**. Editor: Robert Rutherford. 13 (1):87-92; 2000.
- e) Eton D. Surgery and Medical Management of Cerebrovascular Disease. **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management**. Editor: Eton D. Landes Bioscience. Ch 3; pp 27-44; 1998
- f) Eton D. The Aorta and Iliac Arteries. **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management**. Editor: Eton D. Landes Bioscience. Ch 14; pp 193-201; 1998
- g) Eton D. Mesenteric Vascular Disease. **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management**. Editor: Eton D. Landes Bioscience. Ch 17; pp 213-222; 1998
- h) Eton D. Peripheral Arterial Disease. **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management**. Editor: Eton D. Landes Bioscience. Ch 26; pp 374-396; 1998
- i) Eton D. The Diabetic Foot. **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management**. Editor: Eton D. Landes Bioscience. Ch 27; pp 396-401; 1998
- j) Eton D., Terramani TT Venous and Lymphatic Disease. **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management**. Editor: Eton D. Landes Bioscience. Ch 35; pp 462-476; 1998
- k) Eton D. Ultrasound Physics. **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management**. Editor: Eton D. Landes Bioscience. Ch 40; pp 528-547; 1998.
- l) Eton D., Ahn SS: Photodynamic Therapy of Intimal Hyperplasia. **Pharmacologic Therapy of Intimal Hyperplasia**. Medical Intelligence Unit. Editor: Quinones WB. RG Landes Co. Ch 10; pp104-121; 1993.
- m) Ahn SS, Eton D. The use of grabbers, cutters, and shavers as an adjunct during endovascular surgery. **Endovascular Surgery**. WB Saunders, 2nd Edition, Ch 53; pp. 481-483; 1992.
- n) Ahn SS, Eton D. The rotablator - High Speed Rotary atherectomy: Indications. Technique. Results and Complications. **Endovascular Surgery**. WB. Saunders, 2nd Editon, Ch 32; pp. 295-307; 1992.
- o) Ahn SS, Eton D., Moore, W., Lesions amenable to mechanical atherectomy clinical strategies. **Endovascular Surgery**, WB Saunders, 2nd Edition, Ch 29; pp. 264-274; 1992.
- p) Ahn SS, Eton D., Marcus, D.R., Care and maintenance of angiocopy equipment. **Endovascular Surgery** W.D., Saunders, 2nd Edition, Ch 54; pp. 54-57; 1992.
- q) Eton D., Ahn SS, UCLA: Trends in Endovascular Surgery. **Critical Care Nursing Clinics of North America**, V 3:3 WB Saunders Co. pp 535-49; Sept. 1991.

BOOKS Edited by Darwin Eton M.D.

- a) **Doença Vascular Abordagem Multidisciplinar ao diagnostico tratamento.** Eton D, Editor. DiLivros Brazil 681 pages copyright; 2003
- b) **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management. 2nd Edition** Eton D, Editor Chapman & Hall (RG Landes Co.); 1999.
- c) **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management. 1st Edition** Eton D, Editor Chapman & Hall (RG Landes Co.);1998.
- d) **Current Concepts in Endovascular Surgery.** Editors: Ahn SS, Eton D. RG Landes Co; 1994.

19. Peer Review

Statin and Stromal Cell Derived Factor-1 Additively Promote Angiogenesis

- a) Hongwei Shao, Yaohong Tan, Eton D, Sen Li, Andrew Schulick, Hong Yu. Statin and Stromal Cell Derived Factor-1 Additively Promote Angiogenesis. **Circulation Research**. Submitted for publication 1/2007
- b) Tan, Y, H Shao, D. Eton, Z. Yang, HK Zhang, L Alonzo-Diaz, A Schulick, AS Livingstone, H. Yu. Stromal Cell-Derived Factor-1 Enhances Pro-Angiogenic Effect of Granulocyte Colony Stimulating Factor. **Cardiovascular Research**. In press, doi:10.1016/j.cardiores.2006.12.015
- c) Tehrani HY, Peterson BG, Katariya K, Morasch MD, Stevens R, DiLuoizzo G, Salerno T, Maurici G, Eton D. Endovascular Repair of Thoracic Aortic Tears. **Annals of Thoracic Surgery**. 2006 Sep;82:873-8.
- d) Yang Z, Eton D, Zheng F, Livingstone AS, Yu H. Effect of tissue plasminogen activator on vascular smooth muscle cells. **Journal of Vascular Surgery**. 2005 Sep;42(3):532-8.
- e) Eton D. Yu, Wang Y, Raines J, Livingstone A, Striker G. Endograft Technology: A Delivery Vehicle For Intravascular Gene Therapy. **Journal of Vascular Surgery**; May 2004; 39:1066-73.
- f) Yu, H., W. Dai, Z. Yang, P. Kirkman, FA Weaver, D. Eton, VL. Rowe. Smooth muscle cells improve endothelial cell retention on polytetrafluoroethylene grafts in vivo. **Journal of Vascular Surgery**; November 2003. 38 (3): 557-563.
- g) Ferreira AF, Eton D, de Marchena E. Late Clinical Presentation of Femoral Artery Occlusion After Deployment of the Angio-Seal Closure Device: A Case Report. **Journal of Invasive Cardiology**; 2002 November; 14(11):689-91.
- h) Lederle FA, Wilson S.E., Johnson G. R., ...Eton D, Bandyk D. Immediate Repair Compared with Surveillance of Small Abdominal Aortic Aneurysms. Original Articles **New England Journal of Medicine**; 2002 May; 346; 1437-1444

- i) Yu, H., SR Kumar, L Tang, TT Terramani, VL Rowe, Y. Wang, F.A. Weaver, D. Eton. Injury induced neointima formation and its inhibition by transfer of nitride oxide synthase gene in an in-vitro human saphenous vein culture model. **Atherosclerosis**; 2002; 161; 113-122.
- j) Yu, H., Y. Wang, D. Eton, V.R. Rowe, D.V. Cramer, V.A. Starnes, F.A. Weaver. Dual cell seeding and the use of zymogen tissue plasminogen activator to improve cell retention on polytetrafluoroethylene grafts. **Journal of Vascular Surgery**; 2001; 34 (8); 337-343.
- k) Eton D. Genetic Engineering of Vascular Graft. **Circulator**; International Society for Cardiovascular Biology; 2000; pp 11-15.
- l) Eton D. Terramani, T.T. Katz M. Staged thoracic and abdominal aortic aneurysm repair using stent graft technology and surgery in a patient with acute renal failure. **Annals of Vascular Surgery**; 2000;14; 114-117.
- m) Eton D. Stent-Assisted Vascular Anastomoses. **Seminars in Vascular Surgery**; Vol 13 N# 1; (March) 2000; pp 87-92.
- n) Terramani , T.T, P. A. Bui, Eton D., Y. Wang, F. A. Weaver, H. Yu. Human Macrovascular Endothelial Cells: Optimization of Culture Conditions. **In Vitro Cell. Dev. Biol. Animal**; 2000; 35 (2): 125-132.
- o) Eton D., Terramani TT, Wang Y, Takahashi MA, Nigro JJ, Tang L, Yu H. Genetic engineering of stent grafts with a highly efficient pseudotyped retroviral vector **Journal of Vascular Surgery**; 1999 May; 29(5):863-873
- p) Yu H, Eton D. Wang Y, Terramani TT, Benedict C, Hung G, Weaver, FA and Anderson WF: High-efficiency in vitro gene transfer into vascular tissue using a pseudotyped retroviral vector without pseudotransduction. **Gene Therapy**; 1999; 6(11): 1876-1883.
- q) Yu H, Y Wang, Eton D., M Stins, L Wang, F A Weaver, J G McComb, M H Weiss, and B V Zlokovic. Retroviral Vector-Mediated Transfer and Expression of Human Tissue Plasminogen Activator Gene in Bovine Brain Endothelial Cells. **Neurosurgery**; 1999;45 (4):962-970
- r) Piano G. Massad MG. Amory DW Jr. Eton D. Chaer R. Benedetti E. Jecius A. Kumins NH. Baraniewski. HM. Schuler JJ. Omental transfer for salvage of the moribund lower extremity. **American Surgeon** 1998 May; 64(5):424-7
- s) Terramani TT. Rowe VL. Hood DB. Eton D. Nuno IN. Yu H. Yellin AE. Starnes VA. Weaver FA. Combined carotid endarterectomy and coronary artery bypass grafting in asymptomatic carotid artery stenosis. **American Surgeon**; 1998 Oct; 64(10):993-7.
- t) Eton, D., Shim V, Maibenco TA, Spero K, Cava RA, Borhani M, Grossweiner L, Ahn SS. Photodynamic Therapy. Cytotoxicity of Photodynamic Therapy of Intimal Hyperplasia Using Photofrin II. **Annals of Vascular Surgery**; 1996 May;10(3):273-82

- u) Eton, D., Warner D. Owens C. McClenic B. Cava R. Ofek B. Borhani M. Baraniewski H. Schuler JJ Results of Endoluminal Grafting in An Experimental Aortic Aneurysm. **Journal of Vascular Surgery**; 1996 May; 23:819-31
- v) Borhani M, Nikcevic G, Eton D., Schuler JJ, deLanerole P Altering the cytoskeleton through gene Therapy inhibits myointimal hyperplasia in a porcine model. **Surgical Forum**; 1996; Oct; 47:339-341
- w) Members of the Chicago Claudication Outcomes Research Group. Effect of lower extremity blood pressure on physical functioning in patients who have intermittent claudication. **Journal of Vascular Surgery**; 1996 October; 24(4):503-511
- x) Eton D., Borhani M. Spero K. Cava RA. Grossweiner L. Ahn SS. Photodynamic Therapy: Cytotoxicity of Aluminum Phthalocyanine on Intimal Hyperplasia. **Archives of Surgery**; 1995 Oct; 130:1098-103
- y) u) Eton D., Warner DL. Owens C. Cava R. Borhani M. Farolan MJ. Marboe CC. Histological Response to Stent Graft Therapy. **Circulation**; 1996; 94(suppl II):182-187
- z) Ahn SS., Eton D., UCLA: Endovascular Surgery for Peripheral Arterial Occlusive Disease. **American Family Physician**; 1993 Feb; 47(2):423-30
- aa) Eton D., Ahn, S, Shim, V., Kitada, S., Ellis, D., Lee, D.: UCLA: Pitfalls in Evaluation of Photosensitizing Agents: an example with Q Switch II dye. **Laryngoscope**; 1993; 103:1284-90.
- bb) Ahn SS, Eton D., Moore, W. UCLA: Endovascular Surgery for Peripheral Arterial Occlusive Disease: a critical review. **Annals of Surgery**; 1992 Jul; 216(1):1-2
- cc) Ahn SS., Eton D., Yeatman, L., Deutsch, L., Marcus, D., Moore, W:UCLA:Long term results of athrectomy using the Auth Rotabulator. **Annals of Vascular Surgery**; 1992; 6:272-80
- dd) Eton D., Colburn MD, Moore WS, Ahn SS. UCLA: Inhibition of Intimal Hyperplasia by photodynamic therapy using Photofrin. **J of Surgical Research**; 1992; 53:558-62.
- ee) Eton D. Ahn SS. Trends in Endovascular Surgery. **Critical Care Clinics of North America**; 1991 Sep; 3(3):535-49
- ff) Schwarcz T, Eton D., Ellenby MI, LeBreton J. Univ of Illinois: Prostacyclin production in the area of arterial endothelial denudaton. **J Surg Research**; 1991; 50:638-42
- gg) Eton D. Ahn SS. Trends in Endovascular Surgery. **Critical Care Clinics of North America**; 1991 Sep; 3(3):535-49
- hh) Eton D., Ahn SS. Angioscopic atherectomy. **New Technologies in Vascular Surgery**. Editors: Bergan, J., and Yao, J.T. WB Saunders; 1991 December; 460-476.

- ii) Schwarcz, T.H., Eton D, Ellenby, M., Stalmack, T., Meyer, J., Schuler, J.: Hollenhorst plaque: Retinal manifestations and the role of carotid endarterectomy. **Journal of Vascular Surgery**; 1990 May; 11(5):635-42
- jj) Sawchuck, A.P., Flanigan, D.P., Tober, J.C., Eton D, Jorgensen, J., Schwarcz, T.H., Meyer, J.P., Durham, J.R., Schuler, J.J., University of Illinois: Determination of normal, subcritically stenosed, and critically stenosed aorto-iliac segments using a rapid and accurate non-invasive technique. **Journal of Vascular Surgery**; 1990 Aug; 2:158-68
- kk) Eton D, Bethencourt, D., Laks, H., UCLA, Dept. of Cardiac Surgery. Effect of PCO2-adjusted pH on the neonatal heart during hypothermic perfusion and ischemia. **J of Thoracic and Cardiovascular Surgery**; 1990 Dec.;100:902-9
- ll) Fulghum T., DiMarco J., Eton D, Zusman R., Powell, W.J., Massachusetts General Hospital: Effect of prostacyclin on vascular capacity. **J Clinical Investigation**; 1985; 76:999-1006.
- mm) Yu H, Eton D, Livingstone A. Effect of tissue plasminogen activator on vascular smooth muscle cells. *Circulation Research*; 2004 Submitted.

Peer reviewed film presentation

- a) Eton, D Aortic Surgery. American College of Surgery Annual Meeting in Chicago; 1997 October
- b) Eton, D, Tober C, Schuler JJ. A Surgically Created Autogenous Venous Valve First Venous Forum: American College of Surgeons; 1989

20. ABSTRACTS

1. Eton D. Clinical Angiogenesis. **South Florida Vascular Surgery Society**. 2006 Annual Meeting. Oct 2006. Naples FL
2. Eton D. Hemodynamics and Vascular Intervention 2006 . **Symposium for Advanced Wound Care (SAWC)**. April 30- May 3, 2006 San Antonio TX
3. Eton D. Angiogenesis in Critical Ischemia. **Florida Vascular Society 19th Annual Scientific Sessions Meeting**. May 2006. Miami FL
4. Eton D. Early Results of Bone Mononuclear Cell Infusion in the Ischemic Limb. **South Florida Vascular Surgery Society**. 2005 Annual Meeting. February 2006. Naples FL
5. Eton D, Yu H, Carnero L, Ramdev P, Livingstone AS, Transplantation of Autologous Bone-Marrow Derived Mononuclear Cells For Angiogenesis. **Florida Vascular Society 18th Annual Scientific Sessions Meeting**. April 2005 Orlando, FL (presentation)

6. Yu H, Yang Z, Livingstone AS, Eton D, Effect of Tissue Plasminogen on vascular Smooth Muscle Cells. **Southern Association For Vascular Surgery 29th Annual Meeting**. January 2005 Marco Island, FL (presentation)
7. Eton D, Aortic Endograft Technology. **International Society of Endovascular Surgery (ISET) 2005 Annual Meeting**. January 2005 Miami Beach, FL (presentation)
8. Eton D, Aortic Endograft Technology. **South Florida Vascular Surgery Society 2004 Annual Meeting**. October 2004 Key Largo, FL (presentation)
9. Eton D, Cerebrovascular Surgery Intervention in 2004. **South Florida Vascular Surgery Society 2004 Annual Meeting**. October 2004 Key Largo, FL (presentation)
10. Eton D. State of the Art of Cerebrovascular Reconstruction. **Florida Academy of Family Physicians Annual Meeting**. Ponte Vedra Beach, FL
11. Eton D, Yu H, Wang Y, Livingstone A Striker G. Endograft Technology: A Delivery Vehicle For Intravascular Gene Therapy. **Midwestern Vascular Surgery Society Annual Meeting**. 2003 Chicago IL (presentation)
12. Eton D. Medial Sclerosis. **South Florida Vascular Surgery Annual Meeting 2003**; Key Largo, Florida (presentation)
13. Eton D. Thoracoabdominal Aortic Aneurysm Repair. International Symposium on **Endovascular Technology**. Jan 2003; Miami FL (presentation)
14. Eton D. Controversies of Endovascular Surgery: Aortic Endograft and the ADAM study. **International Symposium on Endovascular Technology**. Jan 2003, Miami FL (presentation)
15. Eton D. Complications of Thoracic Aortic Stent Grafts. **Florida Vascular Society Annual Meeting**. May 2-5 2002; West Palm Beach, Florida (presentation)
16. Eton D. Lymphedema. **South Florida Vascular Surgery Annual Meeting**. 2002; Naples, Florida (presentation)
17. Eton D. Aortic Endograft Technology. **Florida Vascular Surgery Annual Meeting**. 2002; Palm Beach, Florida (presentation)
18. Eton D. Genetic Engineering of Stent Grafts. **International Symposium on Endovascular Technology**. Jan 20-24, 2002. Miami FL (presentation)
19. Eton D. Thoracic Aortic Aneurysm Repair. **International Symposium on Endovascular Technology**. Jan 20-24, 2002. Miami FL (presentation)
20. Eton D. Genetic Engineering of Stent Grafts. **South Florida Vascular Surgery Meeting**. October 23, 2001. Key West, FL (presentation)

21. Eton D. Thoracic Aortic Aneurysm Repair. **South Florida Vascular Surgery** Annual Meeting. October 2000; Miami FL (presentation)
22. Eton D. Vascular Surgery 2000. **South Florida Vascular Surgery Meeting.** January 2000; Miami, FL (presentation)
23. Eton D. Genetic Engineering of Vascular Graft. **International Society for Cardiovascular Biology.** Feb 2000; Phoenix Arizona. NIH Sponsorship (presentation)
24. Eton D. Thoracoabdominal Aortic Aneurysm: Combined Operative And Stent Graft Therapy In A Patient With Acute Renal Failure. **Southern California Vascular Surgery Society.** 1999; Ojai California (presentation)
25. Eton D. Stent Assisted Vascular Anastomoses. **Southern California Vascular Surgery,** Annual Meeting, San Diego, CA. May 1998 (presentation)
26. Eton D. Terramani TT, Wang Y, Yu H. Genetic engineering of stent-grafts: High-Efficiency Transduction with a Pseudotyped Retroviral Vector. 22nd Annual Meeting of the **Midwestern Vascular Surgery Society.** 1998; Dearborn, Michigan (presentation)
27. Eton D. The Anterior Extraperitoneal Approach to the Aorta. **Western Vascular Society.** Lanaii, Hawaii; Sept 1997 (presentation)
28. Eton D. Aortic Stent Graft Therapy: Geometric and Histologic Evaluation at One Year in a Dog Model. **Peripheral Vascular Surgical Society.** Park City, UT; January 1996 (presentation)
29. Eton D. Stent Grafts Halt Aortic Dilation. **Midwestern Vascular Society.** Annual Meeting. Chicago, IL; 1995 (presentation)
30. Eton D. Stent Graft Therapy of Aortic Aneurysms: One Year Follow-Up An A Dog Model. **American Heart Association.** Anaheim, CA 1995 (presentation)
31. Eton D. The Extraperitoneal Approach to the Aorta. **Illinois State Surgical Society:** Oral presentation and live operative demonstration. Annual Meeting Chicago, IL; 1994 (presentation).
32. Eton D. Anterior Retroperitoneal Aortic Surgery. **Chicago Vascular Surgery Society.** Annual Meeting. Chicago, IL; 1994 (presentation)
33. Eton D. Stented Aortic Grafts: In Vivo Experience. **Chicago Vascular Surgery Society.** Annual Meeting Chicago, IL; 1994 (presentation)
34. Eton D. Photodynamic Therapy of Intimal Hyperplasia. **International Society of Cardiovascular Surgery.** World Congress, Portugal; 1993 (presentation)
35. Eton D. Surgical Management of the Occluded Lower Extremity Bypass Graft. **Midwest Interventional Radiology Annual Meeting.** Peoria, Illinois; 1993

36. Eton D. Inhibition of Intimal Hyperplasia using Photodynamic therapy with Photofrin **Association of Academic Surgeons.** Denver, CO; 1991 (presentation)
37. Eton D. Role of segmental Doppler pressures in predicting success of above knee amputations. **Society for VA Surgeons.** Milwaukee,WI; 1991 (presentation)
38. Eton D. Q-Switch II dye: spectral change in tissue ex-vivo. **Lasers in Surgery and Medicine.** Suppl. 3; 1991:p.8.
39. Eton D. Q-Switch II dye: observations on in vivo administration **Lasers in Surgery and Medicine.** Suppl. 3; 1991:p.8.
40. Eton D. Q-Switch II dye: enhanced solubility in albumin **Lasers in Surgery and Medicine.** Suppl. 3; 1991: pp.8.
41. Eton D. Q-Switch II dye: detection in vitro with and without albumin **Lasers in Surgery and Medicine.** Suppl.3; 1991:pp.8
42. Eton D. Effect of topical pharmacologic agents in the treatment of arterial vasospasm. **Society of University Surgeons.** Resident Section. Los Angeles, CA; 1990 (presentation)
43. Eton. D. Effect of topical pharmacologic agents in the treatment of arterial vasospasm. **Chicago Vascular Surgery Society.** 1989 (presentation)
44. Eton D. Effect of PCO₂-adjusted pH on the neonatal heart during hypothermic perfusion and ischemia **St. Louis Surgical Society.** St Louis, MO, 1986 (presentation)
45. Eton D, Bethencourt D, Laks H: Effect of PCO₂-adjusted pH on the neonatal heart during hypothermic perfusion and ischemia. **Circulation;** 1985 Oct;72 (1444):61
46. Eton D. Effect of PCO₂-adjusted pH on the neonatal heart during hypothermic perfusion and ischemia. **American Heart Association;** Washington DC, 198 (presentation)
47. Bethencourt D, Eton D, Laks H: Myocardial protection in the neonatal heart. Abstracts, Young Investigators Forum, **American Heart Association;** May 1985 (presentation)
48. Fulghum T., DiMarco J., Eton D, Zusman R., Powell, W.J., Massachusetts General Hospital: The effect of prostacyclin on vascular capacity. **Circulation;** 1982 Oct; 66(1242):3107

ABSTRACTS presented by members of my research group

49. Hong Yu, Eton D. Stromal Cell-Derived Factor-1 and Granulocyte Colony Stimulating Factor Promote Angiogenesis in the Ischemic Limb. **Southern Association of Vascular Surgery ,** Puerto Rico, January 17-20, 2007

50. Hong Wei Shao, Hong Yu, Eton D. Statin and Stromal Cell-Derived Factor-1 additively promote angiogenesis. **America Heart Association Scientific Sessions**, Chicago, November 12-15, 2006, Poster
51. Hong Yu, Eton D. Synergetic effect of SDF-1 and G-CSF on angiogenesis **XIVth International Vascular Biology Meeting**. The Netherlands, June 6-10, 2006.
52. Hong Yu, Tan Y, Eton D. Synergetic Effect of Stromal Cell-Derived Factor-1 and Granulocyte Colony Stimulating Factor on Neovascularization. **Angiogenesis in Cancer and Vascular Disease, Miami Nature Biotechnology Winter Symposium**, February 4-8, 2006
53. Zhe Yang, Eton D. Blood-derived smooth muscle cells as a target for protein delivery in vivo, **10th Biennial Meeting of the International Society for Applied Cardiovascular Biology**. Lo Jolla, March 8-11, 2006.
54. Yu H, Eton D. Expression of tissue plasminogen activator from smooth muscle cells causes extracellular matrix degradation and promotes intimal hyperplasia. **Southern Association of Vascular Surgery**. Marco Island FL Jan 22 2005
55. Yu H, Eton D. Expression of tissue plasminogen activator from smooth muscle cells causes extracellular matrix degradation and promotes intimal hyperplasia Oral presentation, **9th Biennial Meeting of the International Society for Applied Cardiovascular Biology**, Savannah, Georgia, March 10-13, 2004.
56. Yu H, Eton D. Tissue plasminogen activator from genetically engineered smooth muscle cells promotes intimal hyperplasia. Oral presentation, **16th Annual meeting of the Florida Vascular Society**, Bonita Spring, FL., May 1-4, 2003.
57. Yu H, Eton D. Seeding Smooth Muscle Cells Secreting tPA on PTFE grafts Prevents Thrombosis but Promotes Intimal Hyperplasia. Poster presentation, **16th International Congress of the International Society for Fibrinolysis and Proteolysis**, Munich, Germany, September 9, 2002
58. Hilgertner L, Raines J, Eton D. Atheroembolism in Abdominal Aortic Aneurysm. **Vth East-West European Congress of Angiology**, Warsaw Poland, October 24-25, 2002 (presentation)
59. Yu H, Eton D. Dual Cell Seeding and Use of Zymogen Tissue Plasminogen Activator to Improve Cell Retention on Polytetrafluoroethylene Grafts in vivo. **Poster presentation on America Heart Association Western affiliates Young Investigators Forum 2001**, Los Angeles, CA, September 28, 2001
60. Yu H, Eton D. Dual Cell Seeding to Improve Cell Retention on Polytetrafluoroethylene Grafts. **Oral presentation on America Heart Association Research Symposium**, Dallas, Texas, May 5, 2001

61. Yu H, Eton D. Improvement of Cell Retention on the Surface of Polytetrafluoroethylene Graft by Seeding Endothelial Cells on Top of Smooth Muscle Cells. **Oral presentation on Sixth World biomaterials Congress.** Kamuela, Hawaii, May 15-20, 2000

62. Yu H, Eton D. VSV-G Pseudotyped Retroviral Transduction of Human Endothelial Cells and Cultured Saphenous Vein. **Keystone Molecular & Cellular Biology of Gene Therapy Symposia,** Keystone, Colorado. January, 1998; pg 55

63. Yu H, Eton D. Genetic Engineering Of Stent-Grafts: High-Efficiency Transduction With A Pseudotyped Retroviral Vector. **Oral presentation on the Midwestern Vascular Surgical Society,** Dearborn, MI. September 25-26, 1998

64. Yu H, Eton D. Human saphenous vein organ culture: an ex vivo model for vascular gene therapy. **Poster on the Midwestern Vascular Surgical Society,** Dearborn, MI. September 25-26, 1998

65. Yu H, Eton D. Retroviral Vector-Mediated Transfer and Expression of Human Tissue Plasminogen Activator Gene in Bovine Brain Endothelial Cells. **American Heart Association 23rd international Joint Conference on Stroke & Cerebral Circulation.** Orlando, FL. February 1998 (presentation)

66. Terramani T, Eton D. Human Saphenous Vein in Organ Culture. **Society of University Surgeons Residents' Conference,** Milwaukee, Wisconsin: February, 1998; pg 18

67. Yu H, Eton D. Construction of Retroviral Vectors Carrying Tissue Plasminogen Activator Genes. **AFCR Western Regional Meeting,** J. Invest. Med. 1998:46(1) 69A

68. Terramani T, Eton D. Optimization of Culture Conditions for Human Endothelial Cells. **AFCR Western Regional Meeting,** J. Invest. Med. 1998:46(1) 99A

69. Fong Bao, Terramani T, Eton D. Human endothelial cell culture: Optimization of culture conditions. **NIH & AAMC Research Session,** March 1998 (presentation)

70. Terramani T, Eton D. Optimization of culture conditions of human umbilical vein endothelial cells. **Vascular Biology Symposia,** San Francisco, California: **Poster,** April, 1998

71. Yu H Eton D. High-efficiency transduction of human endothelial cells and cultured saphenous vein with a pseudotyped retroviral vector. **Gordon Research Conference on Hemostasis,** Plymouth, New Hampshire. July, 1998 (presentation)

72. Terramani T, Eton D. Human saphenous vein endothelial cells: optimization of culture conditions. **Society for Vascular Medicine and Biology 9th Annual Meeting,** 1998 (presentation)

73. Terramani T, Eton D, Y Wang, FA Weaver, H Yu Human Saphenous Vein Organ Culture: An Ex Vivo Model For Vascular Gene Therapy. **Association for Academic Surgery** Seattle Washington, 1998 (presentation)

Invited Lectures

- a. **MIRS: Miami International Revascularization Summit**
Bioengineering of Vascular Implants
Fontainebleau Hotel, Miami Fl February 2007
- b. **Miller School of Medicine Cardiovascular Series**
Cerebrovascular Disease: Diagnosis and Management
Miami, FL December 2006
- c. **Keynote address International Congress on Vascular Disease**
Cerebrovascular Reconstruction: the American Perspective
Beijing China October 2004
- d. **Invited Lecture International Congress on Vascular Disease**
Thoracoabdominal Aortic Surgery for Aneurysm Disease
Beijing China October 2004
- e. **Invited Moderator International Congress on Vascular Disease**
Peripheral Vascular Reconstruction Session
Carotid Stents Session
Infrarenal Aortic Endograft Technology Session
Beijing China October 2004
- f. **Keynote address**
Cirurgia Endovascular Latina Americana Annual Meeting
USA: Perspective on Aortic Endografting
Florionopolis, Brazil, November 2003
- g. **Cirurgia Endovascular Latina Americana Annual Meeting**
Genetic Engineering of Endografts
Florionopolis, Brazil, November 2003
- h. **Keynote address**
International Vein Congress
Endovascular Surgery- Past, Present and Future
Key Biscayne, Florida, September 2003
- i. **Aortic Reconstruction in the United States**
Hospital of the People's Liberation Army
Beijing, China, October 2003

- j. Carotid Reconstruction**
Hospital of the People's Liberation Army
Beijing, China, October 2003
- k. Aortic Reconstruction in the United States**
Xi'an, China, October 2003
- l. Peripheral Vascular Surgery for Limb Threatening Ischemia**
Xi'an, China, October 2003
- m. Aortic Endograft Surgery**
Hong Zhou, China, October 2003
- n. Thoracoabdominal Aortic Reconstruction**
Hong Zhou, China, October 2003
- o. South Florida Society for Vascular Surgery**
Genetically Engineered Stent Grafts
Key West, Florida, October 21, 2001
- p. Johnson and Johnson: International Opinion Leader Meeting**
Suprarenal Stent Graft
Cincinnati, Ohio, April, 2000
- q. Implantation Aortic Stent Graft**
Miami Florida 1998
- r. Less Invasive Future for Endovascular Medicine**
Johnson and Johnson Inc
Southampton Princess, Bermuda, October 19-22, 1997
- s. Kuwait**
 - a. Eton, D Advances in Aortic Surgery in the United States**
 - b. Eton, D The Vascular Laboratory**
 - c. Eton, D The Diabetic Foot**
 - d. Eton, D Carotid Artery Surgery**
 - e. Ministry of Health and Al-Mubarak Hospital, Kuwait City, Kuwait: April, 1998**
- t. Surfaces in Biomaterials Foundation**
Eton, D Genetic Engineering of Vascular Grafts
Tuscon, AZ 1998
- u. International Society for Cardiovascular Surgery/Society for Vascular Surgery**
Third Endovascular Surgery Workshop, June 11-12, 1998, *San Diego, CA*
Faculty for the Angiography session
Faculty for the Stent Graft sessions

- v. **International Society for Cardiovascular Surgery/Society for Vascular Surgery**
Second Endovascular Surgery Workshop, June 5-7, 1997, *Boston, MA*
Faculty for the Angiography session
Faculty for the Stent Graft sessions

- w. **International Society for Cardiovascular Surgery/Society for Vascular Surgery**
First Endovascular Surgery Workshop, June 7-8, 1996, *Chicago, IL*
Eton, D: Intraoperative Stent Graft Therapy Of A Subclavian Aneurysm Complicated By Dissection
Director of Angioscopic Guided Valve-Lysis Course
Atherectomy Session Faculty

- x. **American College of Surgeons. Southern California Chapter**
Eton, D Synopsis of Vascular Surgery 1996-97
Dana Point, CA 1997

- y. **University of Helsinki**
Eton, D Advances in Aortic Surgery in the United States
Helsinki, Finland July 4, 1997

- z. **Silver Anniversary Meeting of the Philippine Surgical Society of America**
Eton, D Advances in Aortic Surgery in the United States
Monterrey, California July 16, 1997

- aa. **Midwest Vascular Society Annual Meeting**
Aortic angioscopy for stent placement
Cincinnati, Ohio, Sept 23-24 1994

NON-PEER REVIEW

- a. Eton, D*, Ahn S, Tibial Atherectomy as an Adjunct to Infra-inguinal Bypass Surgery. **Surgical Rounds**. 1995 Dec;18(12):496-501
- b. Eton D*, Ahn SS, Baker, J.D., Pensabene J., Yeatman, L.S., Moore, W.S., UCLA: Intraoperative endovascular ultrasonography. **Proceedings of the International Society for Optical Engineering** (SPIE) Jan, 1991.

PATENTS RECEIVED

Eton D, Axially orienting magnetically tipped guidewires. Patent Number 5,624,430
4/29/97

PATENTS PENDING

1. Eton D. Venous Valve. Filed University of Miami 2003.
2. Eton D. Solution to the Endoleak and Migration Problem for Aortic Endografts. Filed University of Miami 2003
3. Eton D. Periscope Thoracic Aortic Endograft Design. Filed University of Miami 2003.
4. Eton D. Endograft Delivery and Implantation System. Filed University of Miami February 2004.

V. PROFESSIONAL

Research Activities

Bibliography:

Appended

Research Interests (*: Research in progress)

- a) *Mechanism of Angiogenesis
- b) *Intravascular Gene Therapy to treat Hemophilia
- c) *Angiogenesis Clinical Trial in Critical Ischemia
- d) *Endografts for the Treatment of Aortic Aneurysms
- e) *High-Efficiency Transduction of Human Endothelial Cells with a Pseudotyped Retroviral Vector
- f) Gene Transfer of Lytic Agents into vessels and grafts
- g) Gene Therapy of Intimal Hyperplasia
- h) Human Saphenous Vein Organ Culture: An Ex Vivo Model For Vascular Gene Therapy
- i) Stent Assisted Vascular Anastomoses
- j) Less Invasive Aortic Surgery: Anterior Extraperitoneal Approach
- k) Bi-directional Interventional surgery
- l) Photodynamic Therapy of Intimal Hyperplasia

CLINICAL TRIALS

- a. **Thoracic Aorta Graft Follow-Up Trial 2006-**
Sponsor: Gore Inc
Principal Investigator at University of Miami
- b. **Empire Carotid Stent trial 2007-**
Sponsor: Gore Inc
Principal Investigator at University of Miami
- c. **Angiogenesis Clinical Trial 2004-**
Principal Investigator

d. Vascular Anastomotic Sealant 2004-5

Sponsor: Closure Medical Corporation

Investigator

e. Gene therapy of Intimal Hyperplasia Clinical Trial 2004-5

Sponsor: CorGentech Inc, San Francisco, CA

Co- Investigator

f. ADAM : Evaluation of Risk of Aortic Aneurysms less than 5.5 cm in Diameter

Sponsor: Veterans Administration

Investigator

g. VEGF: Angiogenesis Trial in Critical Ischemia 1999-2002 & 2003-ongoing

Sponsor: Aventis Pharmaceutical, Irvine CA

Investigator

h. Aortic Stent Graft 1999- Ongoing

Sponsor: Johnson & Johnson

Investigator

i. Stent Assisted Vascular Anastomosis 1996-98

Sponsor: Johnson & Johnson

Principal Investigator

RECORD OF RESEARCH FUNDING

GRANT SOURCE	Effort	Start	End	Amount	Subject
Kimmelman Foundation	10	Feb-07	Feb-32	\$12,500,000	Angiogenesis
Gore Inc: EMPIRE STUDY	1	Jan-07	ongoing	per patient	Carotid Stent
Norman F Levy Foundation	10	Nov-06	Nov-07	\$250,000	Vascular Screening
Gore Inc TAG Follow-up Trial	5	Oct-06	ongoing	per patient	Thoracic Endograft
VA Merit Review Grant	20	Oct-05	Sep-07	\$330,000	Endograft Bio-engineering/hemophi
American Heart Association*	1	Jul-05	Jun-07	\$110,000	BM-SMC versus V-SMC
Alpha-1 Antitrypsin Society*	1	Jul-05	Jun-06	\$40,000	Bio-engineering to RX AAT deficien
Kimmelman Foundation	10	Mar-05	Mar-06	\$50,000	Unrestricted Vascular Research
Norman F Levy Foundation	1	Mar-05	Mar-06	\$25,000	Unrestricted Vascular Research
NIH R21*	1	Oct-04	ongoing	\$450,000	Bio-engineering of VSMC to treat di
Norman F Levy Foundation	1	Mar-04	Mar-05	\$25,000	Unrestricted Vascular Research
Kimmelman Foundation	1	Mar-02	Mar-03	\$10,000	Unrestricted Vascular Research
Surgical Group Of Miami	1	Jun-01	May-02	\$65,000	Unrestricted Vascular Research
Pacific Vascular Society	30	Jun-99	May-01	\$50,000	tPA engineered cells Endograft Sur
Johnson and Johnson Inc	10	Jun-98	ongoing	Materials	Bio-engineering of Endografts
American Heart Assoc*	10	Jun-98	May-01	\$260,000	Engineering of endografts to expres
Pacific Vascular Society*	10	Jun-98	May-99	\$40,000	Engineering of endografts to expres
Culpepper Foundation	1	Jul-97	Jun-98	\$25,000	Cell Suffusion of endografts
Zumberge Fellowship	10	Jul-97	Jun-98	\$25,000	Optimal Processing of vascular cells

Giannini Fellowship*	5	Jul-97	Jun-98	\$25,000	Optimal Processing of vascular cells
Pacific Vascular Society	10	Jul-97	Jun-98	\$25,000	Optimal EC/SMC Processing + Eng
Wright Foundation*	10	Jun-97	May-98	\$50,000	Cell Suffusion of endografts
USC Surgery	25	Jul-96	Jun-98	\$315,000	Vascular Research
Ethicon	25	Jul-96	Jun-97	\$17,000	Stent Assisted Vascular Anastomosis
USC Health Research Assoc	10	Jul-96	Jun-97	\$10,000	Retroviral Engineering of vascular cells
Johnson and Johnson Inc	25	Jul-95	Jun-97	\$110,000	Stent Assisted Vascular Anastomosis
Pillsbury Fellowship	50	Jul-94	Jun-95	\$19,000	Aortic Endograft
Eclectica Inc	10	Jul-94	Jun-95	\$10,000	Bidirectional Endovascular Procedure
Dow Corning Wright/Theratec	25	Jul-94	Jun-95	\$6,000	Rapid Thrombolysis Catheter
Illinois: Harriet Brooks Foundation ¹	50	Jul-93	Jun-95	\$347,000	Genetic engineering: inhibit intimal hyperplasia
Johnson and Johnson Inc	30	Jul-93	Jun-95	\$160,000	Aortic Endograft
COMCOR-NIH	5	Jul-91	Jun-92	\$6,000	Aortic Endograft
CRB-University of Illinois	5	Jul-91	Jun-92	\$6,000	Aortic Endograft
American Heart Association**	50	Jul-85	Jun-86	\$25,000	Neonatal Myocardial Preservation

*Hong Yu, PhD is the PI. I am the mentor and the leader of the research effort, which I originated. Funding went to post docs etc.

¹Co PI with Prinal DeLanorealle PhD University of Illinois

**Young Investigator Award: Mentor: Hillel Laks, MD UCLA Cardiac Surgery: Effect of PCO2-adjusted pH on the neonatal heart during hypothermic perfusion and ischemia (published in J Thor Cardiovasc Surg, presented at American Heart Association). I wrote the grant and did the study. It was used to fund the resident that followed me in the laboratory.

Consultant:

Consultant Vascular Surgery: Health Ministry of Kuwait, 1998

Gene Therapy Applications to Vascular Grafts: Johnson & Johnson, 1997

Vascular Surgery Leader's Advisory Group, Johnson & Johnson, 1997-98

American Biomed Inc, 1995-98

United States Surgical Inc, 1995

Endoluminal Stent Graft Advisory Group: Johnson & Johnson, 1993-00

23. BOOKS edited by Darwin Eton, MD FACS

- a) **Doença Vascular Abordagem Multidisciplinar ao diagnóstico tratamento.** Eton D, Editor. DiLivros Brazil copyright 2003: 681 pages
- b) **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management. 2nd Edition** Eton D, Editor Chapman & Hall (RG Landes Co.). 1999.
- c) **Vascular Disease: A Multi-Specialty Approach to Diagnosis and Management. 1st Edition** Eton D, Editor Chapman & Hall (RG Landes Co.). 1998.
- d) **Current Concepts in Endovascular Surgery.** Editors: Ahn SS, Eton D. RG Landes Co. 1994.

24. Society Memberships

National and Regional

International Society for Vascular Surgery, 2004
Society of Vascular Surgery, 2003
Florida Vascular Surgery Society, 2002
Southern Association for Vascular Surgery, 2002
South Florida Vascular Surgery Society, 2001
Southern Florida District Committee American College of Surgeons, 2000
Los Angeles Surgical Society, 1997
Southern California Vascular Surgery Society, 1997
Los Angeles Academy of Medicine, 1996
Society for Clinical Vascular Surgery, 1996
International Society for Cardiovascular Surgery, 1996
Chicago Surgical Society, 1995
Midwestern Vascular Surgical Society, 1995
Illinois Surgical Society, 1994-1996
Association for Academic Surgery, 1994
Fellow American College of Surgeons, 1993
International Society of Endovascular Surgery, 1992
Peripheral Vascular Surgery Society, 1992
Warren Cole Society, 1991-1996

Society Leadership Positions

Councilor of the Florida Vascular Surgery Society 2002 – present
Secretary Treasurer of the South Florida Vascular Surgery Society 2002-2005

25. Honors & Awards

USC University Hospital: **Physician of the Year Award**, 1998

Chicago Vascular Forum **Research Award**, 1996: "Expressing the Catalytic Domain of Myosin Light Chain Kinase Inhibits Myointimal Hyperplasia in a Porcine Model"

Univ. of Illinois Hospital **Service Award**, 1993,

St. Louis Surgical Soc. **Research Award**, 1986

Summer Fellowship in Anesthesia Massachusetts General Hospital, 1979

New York State Regents Scholarship, 1974.

26. Post-Doctoral Fellowships:

University of Illinois at Chicago
Research Vascular Surg. Fellow, 1988-89
Clinical Vascular Surg. Fellow, 1989-90

UCLA
Endovascular Surgery Fellow, 1990-91

27. SOLICITED PRESENTATIONS PAST 5 YEARS (Societies, Medical Associations, Corporations, Courses)

Keynote addresses

a. **Cirurgia Endovascular Latina Americana Annual Meeting**
USA: Perspective on Aortic Endografting
Florionopolis, Brazil, November 2003

b. **Cirurgia Endovascular Latina Americana Annual Meeting**
Genetic Engineering of Endografts
Florionopolis, Brazil, November 2003

c. International Vein Congress

Endovascular Surgery- Past, Present and Future
Key Biscayne, Florida, September 2003

d. Aortic Reconstruction in the United States

Hospital of the People's Liberation Army
Beijing, China, October 2003

e. Carotid Reconstruction

Hospital of the People's Liberation Army
Beijing, China, October 2003

f. Aortic Reconstruction in the United States

Xi'an, China, October 2003

g. Peripheral Vascular Surgery for Limb Threatening Ischemia

Xi'an, China, October 2003

h. Aortic Endograft Surgery

Hong Zhou, China, October 2003

i. Thoracoabdominal Aortic Reconstruction

Hong Zhou, China, October 2003

j. Advances in Aortic Surgery in the United States

Ministry of Health and Al-Mubarak Hospital, Kuwait City, Kuwait: April, 1998

k. The Vascular Laboratory

Ministry of Health and Al-Mubarak Hospital, Kuwait City, Kuwait: April, 1998

l. The Diabetic Foot

Ministry of Health and Al-Mubarak Hospital, Kuwait City, Kuwait: April, 1998

m. Carotid Artery Surgery

Ministry of Health and Al-Mubarak Hospital, Kuwait City, Kuwait: April, 1998

n. Silver Anniversary Meeting of the Phillipine Surgical Society of America

Eton, D Advances in Aortic Surgery in the United States

Monterrey, California July 16, 1997

Other Solicited Presentations

o. South Florida Society for Vascular Surgery

Genetically Engineered Stent Grafts
Key West, Florida, October 21, 2001

- p. **Johnson and Johnson: International Opinion Leader Meeting**
Suprarenal Stent Graft
Cincinnati, Ohio, April , 2000
- q. **Endovascular Thoracic Aortic Aneurysm Repair**
First South Florida Metropolitan Endovascular Surgical Symposium
Miami Beach, FL October 2000
- r. **Western Pre-Medical Student Orientation**
What is a Doctor.
Los Angeles, CA @ University of Southern California, March 1999
- s. **Thrombolysis 1999**
University of Southern California Symposium, May 1999
- t. **Peripheral Vascular Disease in Diabetes Mellitus**
Inland Valley Medical Center, San Diego California, April 1999
St Luke's Hospital, Altadena, CA, June 1998
Rancho Los Amigos Medical Center, Downey, CA, 1997
- u. **Fundamentals of Endovascular Surgery**
Principles and Techniques, Harbor-UCLA Medical Center, January 1998
Principles and Techniques, Harbor-UCLA Medical Center, August 20-22,1997
- v. **Cerebral Vasculature and Vasculitis**
University of Southern California Max Gaspar Symposium, November 1998
- w. **Carotid Endarterectomy**
Community Memorial Hospital of San Buenaventura, Ventura, CA, 1997
- x. **Stent-assisted Vascular Anastomosis**
USC University Hospital, Perioperative Services, Los Angeles, CA 1997
- y. **Less Invasive Aortic Surgery**
Kay Medical Group, Hospital of the Good Samaritan, Los Angeles, CA, 1997
- z. **Technological Advances in Vascular Surgery**
Guest Speaker, Massachusetts Institute of Technology, July 1997
- aa. **Aortic Surgery: State of the Art**
University of Southern California Max Gaspar Symposium, November 1997
- bb. **Diagnosis and Management of Peripheral Vascular Disease**
USC Division of Cardiology Core Curriculum Lecture, Los Angeles, CA, Aug.
1996 and 1997
- cc. **Treatment Options in Peripheral Vascular Disease**
Garfield Medical Center. Monterey Park, CA, January 1996

dd. Carotid Artery Disease

Santa Marta Hospital. Los Angeles, CA , April 1996

ee. Diabetic Complications in Circulation

University of Southern California Division of Endocrinology, Diabetes & Hypertension Grand Rounds. Los Angeles, CA , April 1996

ff. Non-invasive Vascular Laboratory for Diagnosis of Vascular Disease

University of Southern California, Surgery Grand Rounds, June 1, 1996

gg. Advances in Vascular Surgery

USC Department of Surgery Grand Rounds, July 1996

hh. Assessment of Vascular Circulation

USC Monthly Spine Conference, Los Angeles, CA, July 1996

ii. Endovascular Approaches to Abdominal Aortic Aneurysm

Kaiser Permanente Surgical Grand Rounds, Los Angeles, CA Sept. 1996
W.L. Gore & Associates, Inc., Flagstaff, AZ , Sept 1996

jj. Aortic Aneurysm

Los Angeles Veterans Administration Outpatient Clinic 1996
Summer Surgical Forum, Los Angeles, October 1996

kk. Innovations in Aortic Surgery

Centinela Hospital Medical Center, Inglewood, CA , Nov. 1996

ll. Peripheral and Central Arterial Disease

University of Illinois Department of Surgery Grand Rounds: March 20, 1995

mm. Arteritis

The University of Illinois Department of Surgery: March 6, 1995

nn. Venous Disease

The University of Illinois Department of Surgery: March 13, 1995

oo. Vascular Surgery for the Diabetic Extremity

Verdugo Hills Hospital Department of Surgery , October 17, 1995

pp. Vascular Trauma

Santa Marta Hospital. Los Angeles, CA, November 1995

qq. Common Circulatory Problems in the Lower Extremity

Verdugo Hills Hospital. Glendale, CA , November 1995

rr. Frontiers in Aortoiliac Reconstruction

Century City Hospital. Los Angeles, CA , October 1995

ss. Aortic Surgery: State of the Art

Buffalo Surgical Society. Annual Meeting, 1995

tt. Vascular Surgery Lecturer & Examiner: Course for the *Oral* boards in General Surgery

Osler Institute September 1994. Cincinnati, Ohio

Osler Institute October 1994. Chicago, IL

Osler Institute March 1993. Chicago, IL

uu. Vascular Surgery Lecturer & Examiner: Course for the *Written* boards in General Surgery

Osler Institute September 1994, Cincinnati Ohio

vv. Vascular Surgery

Premium Times Program in North Chicago Chicago, IL April 1994

Cook County Hospital Physician Assist. Program 1993, 1994 Chicago, IL

ww. Carotid Disease Debate: Vascular surgeon vs Neurologist

Medical Controversies. Edgewater Medical Center March 1994

xx. Stented Aortic Grafts

Warren Cole Society Chicago, IL 1993

yy. Photodynamic Therapy

Chicago Medical Society, Midwest Bio-Laser Institute

Midwest Clinical Conference. Chicago, IL March 1993.

zz. Carotid Disease

West Side VA Hospital Continuing Medical Education Program.

Chicago, IL April 1993

The University of Illinois Department of Surgery: March 27, 1995

aaa. Trauma and the Vascular Surgeon.

Illinois Society of Medical Assistants, Inc

Robert Morris College. Chicago, IL April 1993.

bbb. Vascular Surgery in the 1990's.

Abbott Pharmaceuticals March 1993, August 1993, May 1994, August 1994.

ccc. Endovascular Surgery.

American Association of Operating Room Nurses and Gore, Inc. March 1993.

Chicago, IL

ddd. **Modern Vascular Surgery.**
Edgewater Hospital, Chicago, IL. Jan 1993.

eee. **Peripheral Vascular Disease: Anatomy, Physiology, Arterial and Venous System of Lower Extremities**
Chicago Metropolitan Cardiology Technologists Association, Aug 1993.

fff. **Endovascular Surgery**
Warren Cole Society Chicago, IL 1993
Warren Cole Society Chicago, IL 1991

ggg. **Photodynamic Therapy Applications in Medicine**
Midwest Bio-Laser Institute
Midwest Clinical Conference. Chicago, IL March 1992.

hhh. **Inhibition of Intimal Hyperplasia using Photodynamic therapy with Protofin**
Warren Cole Society Chicago, IL, 1992

iii. **What's New in Vascular Surgery.**
Ravenswood Hospital Medical Center, Chicago, IL and Beacham Pharmaceuticals,
May 1992

jjj. **The Vascular Laboratory**
The Therapeutic Approach to the Diagnosis and Treatment of Dyslipidemias.
UCLA Course on Treatment of Atherosclerosis 1990-91 (Two sessions)

VI. TEACHING

28. Teaching Awards Received: N/A

29. Teaching Specialization

University of Miami School of Medicine:

- a. South Florida Multidisciplinary Vascular Conference 1999-present: this is a **weekly** 4 hour seminar with corporate sponsorship that I have ran for Vascular surgeons, radiologists, ultrasonographers, and body imagers since I arrived.
- b. Lecturer for 4th Year Medical students Cardiovascular Disease 2004 (Monthly)
- c. Lecturer for Cardiology Residents and Fellows Peripheral Vascular Surgery 2003-2004 (Monthly)
- d. Lecturer for 1st Year Medical Students Peripheral Vascular Disease 2002-2004 (Yearly)
- e. Department of Surgery Grand Rounds: Cerebrovascular Disease 2003
- f. Rounds Internal Medicine: Cerebrovascular Disease 2003 (November)

- g. UM Cardiovascular Center: Endografts and Genetic Engineering 2003
- h. Physical Assessment Testing Medical Students 2003 (June)
- i. Department of Surgery Grand Rounds: Thoracic Aortic Endo-grafting 2002

University of Illinois at Chicago:

Lecturer, Mentor for 1st year Medical student core curriculum 1994-5
 Medical student advisor 1991-95
 Examiner/Lecturer: Vascular Surgery -the Osler Institute 1993-95
 Director, Vascular Surgery Resident Curriculum 1992-95
 Director, Vascular Surgery Medical Student Curriculum 1992-95

University of Southern California:

Medical student core curriculum: Vascular Surgery 1995-99
 Student Mentor Program 1995-99
 Resident education in Vascular Surgery 1995-99
 Post-Graduate Education 1995-99

30. Thesis and Dissertation Advising/Post-doctoral student supervision

VII. SERVICES

31. University Committee and Administrative Responsibilities

Diagnostic Vascular Registry at UM/JMH 1999-present

I designed and programmed the data acquisition and reporting system for the Vascular Service at the University of Miami/Jackson Memorial Hospital.

Vascular Laboratory at the Miami VA Jan 2003-present

I designed and programmed the data acquisition and reporting system the VA Vascular Blood Flow Laboratory

Diagnostic Vascular Laboratory at USC 1995-1999

I designed and programmed the data acquisition and reporting system for the Vascular Laboratories at the USC Hospital and for the LAC-USC Medical Center. I am implementing a newer program at Jackson Medical Center

Specific administrative responsibilities

Division Chief of Vascular Surgery, University of Miami, 1999- present

Director, Vascular Surgery Research Center, USC, 1995-99

Division Chief of Vascular Surgery, Cook County Hospital, 1993-1994

Clinical Research Management Council, University of Illinois 1993-1995

Director, Vascular Surgery Research Center, Chicago, 1991-1995

32. Community Activities

Journal Reviewer

Journal of Vascular Surgery 1999- present

Overseas Medical Experience

- 1) **Beijing, Xi'an, HongZhou, China.** October 2003: Guest of the Chinese Health Care System to survey Vascular Surgery in China and to establish a meaningful relationship for Vascular Surgery with the USA
- 2) **Florionopolis, Brazil,** November 2003: Guest of the Brazilian Organizers of the Annual CELA Meeting (Cirugia Endovascular Latina Americana) where I presented the North American Perspective on Aortic Endografting
- 3) **University of Helsinki,** Finland July 4, 1997: Guest of the Finnish Society of Vascular Surgery where I presented "Advances in Aortic Surgery in the United States"
- 4) **Kuwait City, Kuwait** 1998: Guest of the Kuwaiti Government as a Consultant Surgeon (in operating room at Al Mubarak Hospital) and lecturer to medical staff, residents and students.
- 5) **Gambia, West Africa** 1981: Summer: Member Health Care Team for 3 months