

Steven G. Friedman, M.D., M.B.A.

Born: November 13, 1955
New York, New York

Office: NY Downtown Hospital
170 Williams St.
New York, N.Y. 10038
(212) 3125330

Education:

Queens College, City University of NY; B.A.

1976

University of Rochester School of Medicine
and Dentistry, Rochester, NY; M.D. With
Distinction in Research

1980

University of Massachusetts, Amherst; M.B.A.

2011

Postgraduate Training:

Intern in Surgery, Brigham & Woman's
Hospital, Boston, MA

1980-81

Resident in Surgery, Brigham & Woman's
Hospital, Boston, MA

1981-85

Fellow in Vascular Surgery, New York
University Medical Center, New York, NY

1985-86

Academic Appointments:

Clinical Instructor in Surgery
Harvard Medical School

1980-85

Clinical Instructor in Surgery, New York
University School of Medicine

1985-86

Assistant Professor of Clinical Surgery,
Cornell University Medical College

1987-93

Associate Professor of Clinical Surgery,
Cornell University Medical College

1994-1998

Associate Professor of Clinical Surgery,

1998-2008

New York University School of Medicine

Professor of Clinical Surgery
Weill-Cornell Medical College 2008-present

Hospital Appointments:

Assistant Attending Surgeon,
North Shore University Hospital,
Manhasset, New York 1986-1994

Associate Attending Surgeon,
North Shore University Hospital,
Manhasset, New York 1994-present

Co-Director, Vascular Laboratory
North Shore University Hospital 1993-2004

Program Director, Vascular Surgery Residency
North Shore University Hospital 1996-2001

Program Director, Vascular Surgery Residency
North Shore-Long Island Jewish Health System 2001-2004

Program Director, General Surgery Residency
NY Downtown Hospital Site, Weill-Cornell Medical College/
NY Presbyterian Hospital 2006-present

Staff Surgeon,
Booth Memorial Medical Center,
Flushing, NY 1988-93

Assistant Attending Surgeon,
Long Island Jewish-Hillside Medical Center,
New Hyde Park, NY 1988-93,
2001-present

Clinical Assistant
Flushing Hospital Medical Center,
Flushing, NY 1990-93

Member, North Shore-Long Island Jewish Research Institute 2002-04

Institutional Review Board, North Shore-Long Island Jewish Health System 2002-04

General Advisory Committee of the General Clinical Research Center
North Shore-Long Island Jewish Research Institute 2003-04

| | |
|--|--------------|
| Chief, Vascular Surgery Section ProHealth Care Associates | 2004-present |
| Chairman, Department of Surgery NY Downtown Hospital | 2004-present |
| Interim Chief Medical Officer NY Downtown Hospital | 2012 |
| Associate Chief Medical Officer | 2013-present |

Licensure:

| | |
|-------------------------------------|------|
| National Board of Medical Examiners | 1980 |
| State of New York | 1984 |

Board Certifications:

| | |
|--|------|
| American Board of Surgery | 1986 |
| Added Qualifications in General Vascular Surgery | 1988 |
| Recertification in General Surgery | 1994 |
| Recertification in Vascular Surgery | 1996 |
| Recertification in Vascular Surgery | 2008 |

Awards and Honors:

| | |
|---|-------------|
| Dean's Honor List, Queens College | 1972-76 |
| Magna Cum Laude, Queens College | 1976 |
| Phi Beta Kappa, Queens College | 1976 |
| M.D. with Distinction in Research, University of Rochester | 1980 |
| The James A. DeWeese Award | 1986 |
| Third International Vascular Symposium Prize Winning Scientific Paper | 1987 |
| American Medical Association, Physician Recognition Award | 1992 |
| American Medical Association, Physician Recognition Award | 1994 |
| Peripheral Vascular Surgery Society Research Award | 1995 |
| NY Super Doctors | 2009-11, 13 |
| Consumers' Research Council Top Surgeons | 2009-11 |

Professional Societies:

- American Society for Laser Medicine and Surgery
- New York Society for Vascular Surgery
- Peripheral Vascular Surgery Society
- Nassau County Medical Society
- Nassau Academy of Medicine
- Eastern Vascular Society
- New York Surgical Society

European Society of Vascular Surgery
 Fellow American College of Surgeons
 Nassau County Surgical Society
 Society for Clinical Vascular Surgery
 American Association for Vascular Surgery
 New York State Society for Surgeons
 American Association for the Advancement of Science
 Association of Program Directors in Vascular Surgery
 Association for Academic Surgery
 Society for Vascular Surgery (Distinguished Fellow)
 American Professional Wound Care Association (Fellow)

Offices:

| | |
|---|--------------|
| Organizing Committee of the Basic Science Course for Vascular Fellows, N.Y. | 1986-2001 |
| Council Member of the New York Society for Cardiovascular Surgery | 1988-90 |
| Program Chairman of the New York Society for Cardiovascular Surgery | 1990-91 |
| Secretary/Treasurer of the New York Society for Cardiovascular Surgery | 1991-92 |
| President of the New York Society for Cardiovascular Surgery | 1992-94 |
| Selection Committee of the Vascular Fellows Abstract Competition | 1990-present |
| Council Member of the Nassau County Surgical Society | 1993-1995 |
| Chairman, Membership Committee of the Nassau County Surgical Society | 1996 |
| Secretary-Treasurer of the Nassau County Surgical Society | 1997 |
| New York State Consortium for the Evaluation of the Effectiveness of Carotid Endarterectomy | 1997-2000 |
| Bylaws Committee, Eastern Vascular Society | 1998-2001 |
| Education Committee, APDVS | 2003 |
| Advisor, NY State Office of Health Systems Management | 2011-present |

Reviewer

Lasers in Surgery and Medicine
 Cardiovascular Surgery
 European Journal of Vascular and Endovascular Surgery

Clinical Research (Principal Investigator) Through July 2004

HMGB1 Release During Abdominal Aortic Aneurysm Repair
 Cholinergic Modulation for Abdominal Aortic Aneurysms
 Management of Inflammatory Bowel Disease With Biofeedback

Bibliography:

1. Friedman, SG, Pearce, FG, Drucker, WR. The role of blood glucose in defense of plasma volume during hemorrhage. *J Trauma* 1982;22:86-91.
2. Behbehani, A, Sakwa, M, Ehrlichman, R, Maguire, P, Friedman, SG, Steele, GD, Jr, Wilson, RE. Colorectal carcinoma in patients under age 40. *Ann Surg* 1985;202:610-14.
3. Friedman, SG, Rosenbloom, M, Lamparello, PJ. The in situ saphenous vein bypass graft. Historical development and present techniques. *Surg Rounds* 1987;10:19-26.
4. Rosenbloom, M, Friedman, SG, Lamparello, PJ, Riles, TS, Imparato AM. Glossopharyngeal nerve injury complicating carotid endarterectomy. *J Vasc Surg* 1987;5:469-71.
5. Friedman, SG, Lamparello, PJ, Riles, TS, Imparato, AM, Sakwa, MP. Surgical Management of the patient with bilateral internal carotid artery occlusion. *J Vasc Surg* 1987;5:715-8.
6. Friedman, SG, Riles, TR, Lamparello, PJ, Imparato, AM, Sakwa, MP. Surgical therapy of the patient with internal carotid artery occlusion and contralateral stenosis. *J Vasc Surg* 1987;5:856-61.
7. Friedman, SG, Pogo, GJ, Moccio, CG. Mycotic aneurysm of the superior mesenteric artery. *J Vasc Surg* 1987;6:87-90.
8. Friedman, SG, Batista, RJ, Moccio, CG. Aortoiliac reconstruction in obese patients. *Surgery* 1988; 103:311-4.
9. Friedman, SG. Alexis Carrel: Jules Verne of cardiovascular surgery. *Am J Surg* 1988;155:420-4.
10. Friedman, SG, Lamparello, PJ, Riles, TS, Imparato, AM. Revascularization of the external carotid artery. *Arch Surg* 1988;123:497-9.
11. Friedman, SG, Williams, BS, Moccio, CG. Granular cell myoblastoma of the esophagus. *Cont Surg* 1988;33:58-61.
12. Friedman, SG, Hainline, B, Feinberg, AW, Lesser, M, Napolitano, B. The use of diastolic velocity ratios to predict significant carotid artery stenosis. *Stroke* 1988;19:910-2.
13. Friedman, SG. Use of the Hall drill for suturing severely calcified aortas. *J Vasc Surg* 1988; 8:198-9.
14. Friedman, SG. Utilization of greater saphenous venous anomalies for lower extremity revascularization. *Surgery* 1988;104:465-8.
15. Friedman, SG, Moccio, CG. Spinal cord ischemia following elective aortoiliac reconstruction. *Ann Vasc Surg* 1988;3:295-7.
16. Friedman, SG. Current management of the patient with internal carotid artery occlusion. *Eur J Vasc Surg* 1989;3:97-101.
17. Friedman, SG, Friedman, MS. Matas, Antyllus and endoaneurysmorrhaphy. *Surgery* 1989; 105:761-3.
18. Friedman, SG, Moccio CG. A prospective comparison of intraarterial digital subtraction and conventional angiography prior to lower extremity revascularization. *J Cardiovasc Surg* 1989;30:462-6.
19. Friedman, SG. Charles Dotter: Interventional radiologist. *Radiology* 1989;172:921-4.
20. Friedman, SG, Krishnasasthy, KV. Aortoiliac occlusive disease: treatment for the obese patient. *AORNJ* 1989;50:564-70.
21. Friedman, SG, Kerner, BA, Friedman, MS, Moccio, CG. Limb salvage in elderly patients: Is aggressive surgical therapy warranted? *J Cardiovasc Surg* 1989;30:848-51.

22. Friedman, SG, Hardaway, MY, Jurkiewicz, A, Krishnasastry, KV, Doscher, W, Deckoff, SL, Fagelman, D. Late results of preferential use of tube vs. bifurcation grafts for abdominal aortic aneurysmectomy. *Ann Vasc Surg* 1990;1:39-41.
23. Friedman, SG. Transient ischemic attacks resulting from carotid duplex imaging. *Surgery* 1990; 107:153-5.
24. Friedman, SG, Kerner, BA, Krishnasastry, KV, Doscher, W, Deckoff, SL, Friedman, MS. Abdominal aortic aneurysmectomy without preoperative angiography: A prospective study. *NY St J Med* 1990;90:176-8.
25. Friedman, SG, Krishnasastry, KV. The possibility of distal embolization from a femoral-popliteal prosthesis above the knee: a consideration against its routine use in this position. *Arch Surg* 1990; 125:668-70.
26. Friedman, SG, Krishnasastry, KV, Doscher, W, Deckoff, SL. A technique for reducing the size discrepancy between large reversed veins and small arteries. *Surgery* 1990;108:90-1.
27. Friedman, SG, Krishnasastry, KV, Doscher, W, Deckoff, SL. Primary venous aneurysms. *Surgery* 1990;108:92-5.
28. Krishnasastry, KV, Friedman, SG, Doscher, W, Deckoff, SL. Traumatic juxtarenal aorta-caval fistula and pseudoaneurysm. *Ann Vasc Surg* 1990;4:378-80.
29. Friedman, SG, Krishnasastry, KV, Doscher, W, Deckoff, SL. Lower extremity revascularization via the lateral plantar artery. *Am Surg* 1990;56:721-5.
30. Friedman, SG. Operation on the carotid artery. *J Postgrad Vasc Surg* 1990;1:66-9.
31. Friedman, SG. Fifty years of clinical heparin. *Surg Rounds* 1991;4:149-51.
32. Friedman, SG, Crystal, K. Axillary artery thrombosis from handball. *JVIR* 1991;2:481-4.
33. Friedman, SG, Krishnasastry, KV. Management of ruptured abdominal aortic aneurysm and concomitant biliary sepsis *Surgery* 1992;111:551-4.
34. Friedman, SG, Krishnasastry, KV. External iliac ligation and axillary-bifemoral bypass for blue toe syndrome. *Surgery* 1994;115:27-30.
35. Friedman, SG, Lazzaro, RS, Spier, LN, Moccio, C, Tortolani, AJ. A prospective randomized comparison of dacron and polytetrafluoroethylene aortic bifurcation grafts. *Surgery* 1995;117:7-10.
36. Friedman, SG, Tortolani, AJ. Reduced length of stay following carotid endarterectomy under general anesthesia. *Am J Surg* 1995; 170: 235-6.
37. Friedman, SG, Sowerby, SA, DelPin, CA, Scher, LA, Tortolani, AJ. A prospective randomized study of abdominal aortic surgery without postoperative nasogastric decompression. *Cardiovascular Surgery* 1996; 492-4.
38. Friedman, SG, Long, K, Scher, LA. Axillary-femoral bypass graft fracture. *Ann Vasc Surg* 1996; 10: 490-2.
39. Stitt, AW, Cijang, H, Friedman, SG, Scher, LA, Rossi, P, Ong, L, Founds, H, Li, YM, Bucala, R, Vlassara, H. Elevated AGE-modified ApoB in sera of euglycemic, normolipidemic patients with atherosclerosis: relationship to tissue AGEs. *Molecular Medicine* 1997; 3: 617-27.
40. Rossi, P, Scher, LA, Friedman, SG, Hall, MH, Boxer, RA, Bialer, MG. Subclavian artery pseudoaneurysm in type IV Ehlers-Danlos Syndrome. *J Vasc Surg* 1998; 27: 549-51.
41. Mehta, M, Frankini, L, Friedman, SG, Scher, LA. Frey's syndrome following carotid endarterectomy. *Ann Vasc Surg* 1999; 13: 232-4.
42. Safa, TK, Friedman, SG, Mehta, M, Rahmani, O, Scher, LA, Pogo, G, Hall, MH. Management of coexisting coronary artery and asymptomatic carotid artery disease: Report of a series of patients treated with coronary bypass alone. *Eur J Vasc & Endovasc Surg* 1999; 17: 249-52.

43. Friedman, SG. Endovascular in situ bypass. *Seminars in Laparoscopic Surgery* 1999; 6: 135-43.
44. Ombrellino, M, Wang, H, Ajemian, MS, Talhouk, A, Scher, LA, Friedman, SG, Tracey, KJ. Increased serum concentrations of high-mobility-group protein 1 in haemorrhagic shock. *Lancet*; 1999; 354: 1446-7.
45. Rosenthal, D, Arous, EJ, Friedman, SG, Ingegno, MD, Johnson, BL, Kraiss, LW, Martin, JD, Moritz, MW, Piano, G, Rigdon, EE, Self, SB, Pallos, LL. Endovascular-assisted versus conventional in situ saphenous vein bypass grafting: Cumulative patency, limb salvage, and cost results in a 39 month multicenter study. *J Vasc Surg* 2000; 31: 60-8.
46. Mehta, M, Veith, FJ, Ohki, T, Cynamon, J, Goldstein, K, Suggs, WD, Wain, RA, Chang, DW, Friedman, SG, Scher, LA, Lipsitz, EC. Unilateral and bilateral hypogastric artery interruption during abdominal aortic aneurysm repair in 154 patients: A relatively innocuous procedure. *J Vasc Surg* 2001;33:S27-32.
47. Ombrellino, M, Wang, H, Che, J., Borovikova, L, Zhang, M, Vishnubhakat, J, Frazier, A, Yang, H., Scher, LA, Friedman, SG, Tracey, KJ. Fetuin, a negative phase protein, attenuates TNF synthesis and the innate inflammatory response to carragenan. *Shock* 2001;15:181-5.
48. Friedman, SG. The 50th anniversary of abdominal aortic reconstruction. *J Vasc Surg* 2001;33:895-8.
49. Friedman, SG. Carotid endarterectomy: A champion turns fifty. *J Vasc Surg* 2001;34:569-71.
50. Mehta, M, Friedman, SG, Rahmani, O, Safa, TK, Scher, LA, Veith, FJ. Eversion technique increases the risk for post carotid endarterectomy hypertension. *J Vasc Surg* 2001;34:839-45.
51. Bernik, TR, Friedman, SG, Ochani, M, DiRaimo, R, Ulloa, L, Yang, H, Sudan, S, Czura, CJ, Ivanova, SM, Tracey, KJ. Pharmacologic stimulation of the cholinergic anti-inflammatory pathway. *J Exp Med* 2002;195: 781-8.
52. Friedman, SG, Pellerito, JS, Scher, L, Faust, G, Burke, B, Safa, T. Ultrasound-guided thrombin injection is the treatment of choice for femoral pseudoaneurysms. *Arch Surg* 2002;137:462-464.
53. Friedman, SG. Fracture of an Impra ePTFE graft from removal of the beading. *Eur J Vasc & Endovasc Surg* 2002;3:6-7, doi:10.1053/ejvx. 2002.0112.
54. Friedman, SG, Safa, TK. Pedal branch arterial bypass for limb salvage. *Am Surg* 2002;68:446-8.
55. Friedman, SG. Leg revascularization in patients with calciphylaxis. *Am Surg* 2002;68:591-2.
56. James, T, Friedman, SG, Scher, L, Hall, M. Lower extremity compartment syndrome after coronary artery bypass. *J Vasc Surg* 2002;36:1069-70.
57. Bernik, TR, Friedman, SG, Ochani, M, Czura, C, DiRaimo, R, Tracey, KJ. Cholinergic anti-inflammatory pathway inhibition of TNF during ischemia reperfusion. *J Vasc Surg* 2002;36:731-6.
58. Bernik, T, Friedman, SG, Scher, LA, Safa, TK. Pseudoaneurysm of the subclavian-vertebral artery junction: case report and review of the literature. *Vascular & Endovascular Surgery* 2002;36:461-4.
59. Friedman, SG. Jews and medicine: An epic saga. *N Engl J Med* 2003;348:1299-1300.
60. Friedman, SG, Czura C, Tracey, KJ. The gesture life of high mobility group box 1. *Curr Opin Clin Nutr Metab Care* 2003;6:283-7.
61. Friedman, SG, Safa, T, Nussbaum, T, Pogo, G, Levy, M. Combined off-pump coronary artery bypass and abdominal aortic surgery is associated with low morbidity and mortality. *Ann Vasc Surg* 2003;17:162-4.
62. McPhee, JR, Scher, LA, Israeli, R, Ombrellino, M, Friedman, SG, Safa, TK. Use of local fasciocutaneous flap for treatment of exposed vascular grafts to the dorsalis pedis artery. *J Vasc Surg* 2003;38:194-6.
63. Clinical application of eversion carotid endarterectomy. *Vascular & Endovascular Surgery* 2003;37:239-44.
64. Pavlov, PA, Wang, H, Czura, CJ, Friedman, SG, Tracey, KJ. The cholinergic anti-inflammatory pathway: A missing link in neuroimmunomodulation. *Mol Med* 2003;9:125-34.
65. Friedman, SG. The decline of surgery. *CV Surg* 2003;11:449-52.

66. Czura C, Friedman, SG, Tracey, KJ. Neural control of inflammation: The cholinergic anti-inflammatory pathway. *J Endotoxin Res* 2003; 9:409-13.
67. Friedman, SG, Greben, C, Scher, LA, Safa, T, Faust, G, Halpern, V, Simms, H. Standardizing vascular surgery residency: Merger of two programs to create one model. *Vascular & Endovascular Surgery* 2004;38:63-7.
68. Friedman, SG. Atherectomy for plaque removal. *Pod Mgmt.* 2005; June/July:179-86.
69. Friedman, SG. The excellent Doctor Blackwell: The life of the first female physician. *NEJM* 2007; 356: 2118-19.
70. Friedman, SG. Elizabeth Blackwell and the 150th Anniversary of the NY Infirmity for Indigent Women and Children. *JACS* 2008; 206:177-82.
71. Friedman, SG. Use of Therabond, a new antimicrobial dressing, on a non-healing wound. *Wounds* 2011; 23: E1-3.
72. Friedman, SG, Wun, H. Hypogastric preservation with Viabahn during EVAR. *J Vasc Surg* 2011; 54:504-6.
73. Friedman, SG. Laser science and limb salvage. *Surgical Technology International* 2012; XXI (in press).

Books and Chapters:

1. Friedman, SG. *A History of Vascular Surgery.* Mt Kisco: Futura Publishing Co., 1989. (Reviewed: *NEJM* 323; 19: 1357.)
2. Friedman, SG. Preferred management of the patient with internal carotid artery occlusion and contralateral stenosis. In: Chang, JB, ed. *Modern Vascular Surgery.* New York: PMA Publishing Corp, 1989:71-9.
3. Scher, LA, Friedman, SG, Samson, RH. Peripheral arterial surgery. In: Gold, MS, Scher, LA, Weinberg, G, et al., eds. *General Surgery Board Review.* New York: Lippincott-Raven, 1999.
4. Burke, BJ, Friedman, SG. Ultrasound in the diagnosis and management of arterial emergencies. In: Pellerito, J, ed. *Introduction to Vascular Ultrasonography.* New York: Springer-Verlag, 2004.
5. Friedman, SG. *A History of Vascular Surgery: Second Edition.* New York: Blackwell Futura Publishing Co., 2005.

Abstracts, Letters:

1. Friedman, SG. In vivo observation of microfibrillar extensions of Dictyoselium discoideum. Senior Research Project, Queens College, NY, 1976.
2. Friedman, SG. The effects of acute starvation on circulatory volume during hemorrhage. *Clinical Research.* 1979; 27:612A.
3. Friedman, SG. Inhibition of platelet aggregation in vascular anastomoses by aspirin and dipyridamole. Thesis submitted in partial fulfillment of the requirements for the degree of Doctor of Medicine with Distinction in Research. The University of Rochester School of Medicine and Dentistry, Rochester, NY, 1980.
4. Friedman, SG. External carotid endarterectomy. *Surgical Pros and Cons.* *Surg Gynecol and Obstet* 1987; 165:349.
5. Friedman, SG. Nonrestrictive therapy for aortic aneurysms: Results of a survey. *Letters to the Editor.* *J Vasc Surg* 1987; 6:531.

6. Friedman, SG. Natural history and management of iliac aneurysms. Letters to the Editor. J Vasc Surg 1989; 9:620.
7. Friedman, SG. In the words of a vascular surgeon. Letters to the Editor. J Vasc Surg 1989;10:211-2.
8. Friedman, SG. Infrarenal aortic grafts. Letters to the Editor. Cont Surgery 89; 35:10.
9. Friedman, SG. Buerger's Disease. Correspondence. Eur J Vasc Surg 1991; 5:362.
10. Friedman, SG. Treatment of abdominal aortic aneurysms by occlusion and bypass: an analysis of outcome. Letters to the Editor. J Vasc Surg 1991; 14:436.
11. Friedman, SG. Ruptured abdominal aortic aneurysm: an editorial. Letters to the Editor. J Vasc Surg 1992; 15:456-7.
12. Friedman, SG. The intent of peer-reviewed journals. Letters to the Editor. Am J Surg 1992; 163:633-5.
13. Ombrellino, M, Wang, H, Che, J, Vishnubhakar, J, Borovikov, LV, Zhang, M, Scher, LA, Friedman, SG, Tracey, KJ. Fetuin, a ubiquitous serum protein, inhibits edema formation and TNF. Shock 1999; 11: 99.
14. Ombrellino, M, Wang, H, Che, J, Friedman, SG, Scher, LA, Tracey, KJ. Fetuin attenuates acute inflammation and tumor necrosis factor production. Surgical Forum 1999; 54: 257-9.
15. Syrek, J, Ivanova, S, Friedman, SG, Scher, LA, Tracey, KJ. 3-aminopropanal in the pathogenesis of ischemia. Surgical Forum 2000; 55: 379-81.
16. Friedman, SG. Regarding "Early results of infragenicular revascularization based solely on duplex arteriography" Letters to the Editor. J Vasc Surg 2002; 35: 830.

Non-Medical Publications:

1. Friedman, SG. Terrorists in Hamburg Redux. Midstream Magazine 2002; 48(3): 5-8.
2. Friedman, SG. Anyone in the OR? New York Times OpEd 2003 (June 10); 152: 29.
3. Friedman, SG. Plan For Victory. New York Times Letters to the Editor 2005 (December 1); 155:28.
4. Friedman, SG. Understanding Varicose Veins. Downtown Magazine 2011; Fall Issue, <http://downtownmagazinenyc.com/2011/10/rx-for-your-health-understanding-varicose-veins-%e2%80%94-the-scurge-of-bathing-suit-season/>
5. Friedman, SG. Bridge Café. Downtown Magazine. Spring 2012. 98.

Presentations:

1. The observation of filamentous extensions on the cell membrane of the cellular slime mold, *Dictyostelium discoideum*. Annual Meeting of the Eastern College Scientific Conference, Providence, RI, May, 1975.
2. Influence of nutrition on defense of circulating volume. Sixty-fourth Annual Meeting of the Federation of American Societies for Experimental Biology, Anaheim, CA, April 14, 1980.
3. The role of fibrinolytic therapy. Department of Surgery Grand Rounds, New York University Medical Center, New York, NY, February 18, 1986.
4. Preferred management of the patient with internal carotid artery occlusion and contralateral stenosis. Second Annual Vascular Fellows Abstract Presentation for the James A. DeWeese Award, The University Club, New York, NY, May 7, 1986.
5. Preferred management of the patient with internal carotid artery occlusion and contralateral stenosis. Tenth Annual Meeting of the Peripheral Vascular Surgery Society, New Orleans, LA, June 8, 1986.

6. A history of vascular surgery. New York University Medical Center Peripheral Vascular Surgery Conference, New York, NY, June 19, 1986.
7. Historical development of the in situ vein bypass. New York Society for Cardiovascular Surgery, New York University Medical Center, New York, NY, September 29, 1986.
8. The ischemic lower extremity. Department of Medicine Grand Rounds, North Shore University Hospital, Manhasset, NY, March 12, 1987.
9. A surgical approach to the patient with carotid artery occlusion. Department of Neurology Grand Rounds, North Shore University Hospital, Manhasset, NY, April 3, 1987.
10. Current management of the patient with carotid artery occlusion. Department of Surgery Grand Rounds, North Shore University Hospital, Manhasset, NY, April 7, 1987.
11. Current management of the patient with carotid artery occlusion. Department of Surgery Grand Rounds, South Nassau Communities Hospital, Oceanside, NY, May 9, 1987.
12. Surgical management of the patient with bilateral internal carotid artery occlusion. Eleventh Annual Meeting of the Peripheral Vascular Surgical Society, Toronto, Canada, June 7, 1987.
13. Limb salvage in elderly patients. Is aggressive surgical therapy warranted? Twenty-fourth Annual Meeting of the Nassau Surgical Society, Nassau County Medical Center, East Meadow, NY, December 9, 1987.
14. Aortoiliac reconstruction in obese patients. Twenty-fourth Annual Meeting of the Nassau Surgical Society, Nassau County Medical Center, East Meadow, NY, December 9, 1987.
15. Mycotic aneurysm of the superior mesenteric artery. Twenty-fourth Annual Meeting of the Nassau Surgical Society, Nassau County Medical Center, East Meadow, NY, December 9, 1987.
16. The historical development of vascular grafts. Medtronics Vascular Surgery Training Course, Holiday Inn, Secaucus, NJ, May 9, 1988.
17. Revascularization of the external carotid artery. New York Surgical Society, New York University Medical Center, New York, NY, May 11, 1988.
18. Use of greater saphenous venous anomalies for lower extremity revascularization. Twelfth Annual Meeting of the Peripheral Vascular Surgery Society, Chicago, IL, June 12, 1988.
19. Use of diastolic velocity ratios to predict significant carotid artery stenosis. Department of Surgery Grand Rounds, North Shore University Hospital, Manhasset, NY, September 15, 1988.
20. Late results of preferential use of tube versus bifurcation grafts for replacement of abdominal aortic aneurysms. New York Society for Cardiovascular Surgery, Mt. Sinai Medical Center, New York, NY, December 1, 1988.
21. Abdominal aortic aneurysmectomy without preoperative angiography: A prospective study. Twenty-fifth Annual Meeting of the Nassau Surgical Society, Nassau County Medical Center, East Meadow, NY, December 14, 1988.
22. Late results of preferential use of tube versus bifurcation grafts for replacement of abdominal aortic aneurysms. Twenty-fifth Annual Meeting of the Nassau Surgical Society, Nassau County Medical Center, East Meadow, NY, December 14, 1988.
23. A prospective comparison of intraarterial digital subtraction and conventional angiography prior to lower extremity revascularization. Seventeenth Annual Meeting of the Society for Clinical Vascular Surgery, Boca Raton, FL, March 31, 1989.
24. Abdominal aortic aneurysmectomy without preoperative angiography: a prospective study. Third Annual Meeting of the Eastern Vascular Society, Bermuda, May 5, 1989.
25. Lower extremity revascularization via the lateral plantar artery. Nineteenth World Congress of the International Society for Cardiovascular Surgery, Toronto, Canada, September 8, 1989.

26. Aortic reconstruction: unusual complications and complicated cases. *Impra Vascular Surgery Conference*, Swan Club, Glenwood Landing, New York, November 1, 1989.
27. Lower extremity revascularization via the lateral plantar artery. *Twenty-sixth Annual Meeting of the Nassau Surgical Society*, Nassau County Medical Center, East Meadow, New York, December 13, 1989.
28. Use of diastolic velocity ratios to predict significant carotid artery stenosis. *Twenty-sixth Annual Meeting of the Nassau Surgical Society*, Nassau County Medical Center, East Meadow, New York, December 13, 1989.
29. A history of vascular surgery. *Department of Surgery Grand Rounds*, Flushing Hospital Medical Center, Flushing, New York, October 24, 1990.
30. Aneurysms and occlusive disease in a case of Bechet's disease. *Twenty-seventh Annual Meeting of the Nassau Surgical Society*, Nassau County Medical Center, East Meadow, New York, December 12, 1990.
31. A history of vascular surgery. *Department of Surgery Grand Rounds*, Maimonides Hospital, Brooklyn, New York, January 21, 1991.
32. Aneurysms and occlusive disease in a case of Bechet's disease. *New York Society for Cardiovascular Surgery*, Mt. Sinai Medical Center, New York, New York, September 25, 1991.
33. Management of ruptured abdominal aortic aneurysm and concomitant biliary sepsis. *Twenty-eighth Annual Meeting of the Nassau Surgical Society*, Nassau County Medical Center, East Meadow, New York, December 11, 1991.
34. A prospective randomized study of dacron and PTFE aortic bifurcation grafts. *Twenty-ninth Annual Meeting of the Nassau Surgical Society*, Marriott Hotel, Uniondale, N.Y., December 12, 1992.
35. External iliac ligation and axillary-bifemoral bypass for blue toe syndrome. *Twenty-ninth Annual Meeting of the Nassau Surgical Society*, Marriott Hotel, Uniondale, N.Y., December 12, 1992.
36. What's new in vascular surgery? *Department of Surgery Grand Rounds*, North Shore University Hospital, Manhasset, New York. October 6, 1993.
37. Abdominal aortic aneurysmectomy without postoperative nasogastric decompression. *Thirtieth Annual Meeting of the Nassau Surgical Society*, Marriott Hotel, Uniondale, N.Y., December 7, 1993.
38. Femoral-above-knee popliteal in situ vein bypass. *Thirtieth Annual Meeting of the Nassau Surgical Society*, Marriott Hotel, Uniondale, N.Y., December 7, 1993.
39. The evaluation of arterial and venous insufficiency. *An Interdisciplinary Focus on Wound Care*, North Shore University Hospital, Manhasset, N.Y., April 23, 1994.
40. The treatment of arterial and venous insufficiency. *An Interdisciplinary Focus on Wound Care*, North Shore University Hospital, Manhasset, N.Y., April 23, 1994.
41. Carotid endarterectomy in 1995. *Thirty-first Annual Meeting of the Nassau Surgical Society*, Marriott Hotel, Uniondale, N.Y., December 7, 1994.
42. Reduced length of stay following carotid endarterectomy. *New York Surgical Society*, New York University, New York, N.Y., December 14, 1994.
43. Management of the failing graft. *Department of Surgery Grand Rounds*, North Shore University Hospital, Manhasset, New York., February 15, 1995.
44. Reduced length of stay following carotid endarterectomy under general anesthesia. *Twenty-third Annual Meeting of the Society for Clinical Vascular Surgery*, Fort Lauderdale, Florida, March 23, 1995.
45. Moderator of the General and Vascular Surgery Section. *Thirty-second Annual Meeting of the Nassau Surgical Society*, Marriott Hotel, Uniondale, N.Y., December 6, 1995.

46. Lower extremity occlusive disease. Meadox National Sales Meeting, Doubletree Hotel, Newport, R.I., October 21, 1996.
47. Co-Chairman and Moderator: Selected topics in hemodialysis access. Waldorf=Astoria, New York, N.Y., November 20, 1996.
48. Lesion severity correlates with plasma AGE-ApoB in patients undergoing carotid endarterectomy. Eleventh Annual Meeting of the Eastern Vascular Society, Atlantic City, New Jersey, May 1, 1997.
49. Subclavian artery pseudoaneurysm in type IV Ehlers-Danlos Syndrome. Eleventh Annual Meeting of the Eastern Vascular Society, Atlantic City, New Jersey, May 2, 1997.
50. Femoral artery thrombosis: A complication of Vasoseal. Eighty-third Annual Clinical Congress, American College of Surgeons, Chicago, Illinois, October 12, 1997.
51. Frey's syndrome: A complication of Carotid endarterectomy. Eighty-third Annual Clinical Congress, American College of Surgeons, Chicago, Illinois, October 12, 1997.
52. The role of extraanatomic renal revascularization in patients with aneurysmal degeneration of reversed saphenous vein grafts. Eighty-third Annual Clinical Congress, American College of Surgeons, Chicago, Illinois, October 12, 1997.
53. Moderator: What's new in hemodialysis access. Twenty-fourth Annual Current Critical Problems, New Horizons and Techniques in Vascular and Endovascular Surgery, Waldorf=Astoria, New York, N.Y., November 20, 1997.
54. Moderator: General Surgery Section. Thirty-fourth Annual Nassau Surgical Society, Marriott Hotel, Uniondale, New York, December 10, 1997.
55. Aneurysmal dilatation of bilateral saphenous vein aorto-renal grafts. Twelfth annual Eastern Vascular Surgery Society, Newport, R.I., May 2, 1998.
56. Cerebroprotection by inhibiting 3-aminopropanolol in a rodent model of stroke. Eighty-fourth Annual Clinical Congress of the American College of Surgeons, Orlando, FL, October 27, 1998.
57. Lower extremity vascular reconstruction. AORN of Long Island, Manhasset, N.Y., November 10, 1998.
58. Moderator: What's new in hemodialysis access. Twenty-fifth Annual Current Critical Problems, New Horizons and Techniques in Vascular and Endovascular Surgery, Waldorf=Astoria, New York, N.Y., November 19, 1998.
59. Endovascular versus conventional in situ bypass: Cumulative patency, limb salvage and cost results after 36 months of a multicenter study. Twenty-fifth Annual Current Critical Problems, New Horizons and Techniques in Vascular and Endovascular Surgery, Waldorf=Astoria, New York, N.Y., November 20, 1998.
60. Endovascular femoral-popliteal bypass. Department of Surgery Grand Rounds, North Shore University Hospital, Manhasset, New York., December 8, 1998.
61. Endovascular versus conventional in situ saphenous vein bypass: Cumulative patency, limb salvage and cost results after 39 months of a multicenter study. Forty-seventh Annual International Society for Cardiovascular Surgery, Washington, D.C., June 8, 1999.
62. Fetuin, a ubiquitous serum protein, inhibits edema formation and TNF. Fourth International Shock Congress and Twenty-second Annual Conference On Shock, Philadelphia, PA, June 12, 1999.
63. Fetuin attenuates acute inflammation and tumor necrosis factor production. Eighty-fifth Annual Surgical Forum, San Francisco, CA, October 12, 1999.
64. Moderator: What's new in hemodialysis access. Twenty-sixth Annual Current Critical Problems, New Horizons and Techniques in Vascular and Endovascular Surgery, Waldorf=Astoria, New York, N.Y., November 18, 1999.
65. Unilateral and bilateral hypogastric artery interruption during abdominal aortic aneurysm

repair in 136 patients: A relatively innocuous procedure. Forty-eighth Annual International Society for Cardiovascular Surgery, Toronto, Ontario, Canada, June 13, 2000.

66. Subclavian steal syndrome presenting as chest pain in a patient with prior CABG using LIMA. Eighty-sixth Annual Clinical Congress of the American College of Surgeons, Chicago, IL, October 23, 2000.

67. Carotid artery aneurysm after primary repair of carotid endarterectomy. Eighty-sixth Annual Clinical Congress of the American College of Surgeons, Chicago, IL, October 23, 2000.

68. 3-Aminopropanol in the pathogenesis of ischemia. Eighty-sixth Annual Surgical Forum, Chicago, IL, October 23, 2000.

69. Abdominal aortic aneurysms: Current concepts and treatment. Medical Grand Rounds, North Shore University Hospital, Manhasset, New York, October 26, 2000.

70. Abdominal aortic aneurysms: Current concepts and treatment. Surgical Grand Rounds, North Shore University Hospital, Manhasset, New York, October 31, 2000.

71. Chloroquine as an inhibitor of 3-aminopropanol induced tissue ischemia in the rat hindlimb. Thirty-fourth Annual Association for Academic Surgery, Tampa, FL, November 3, 2000.

72. Moderator: What's new in hemodialysis access. Twenty-seventh Annual Vascular Endovascular Issues Techniques Horizons, Marriott Marquis, New York, N.Y., November 16, 2000.

73. Bilateral hypogastric artery interruption can be a safe procedure with endovascular and open repair of complex AAAs. Twenty-seventh Annual Vascular Endovascular Issues Techniques Horizons, Marriott Marquis, New York, N.Y., November 17, 2000.

74. Suprarenal mycotic aneurysm with primary aorta-duodenal fistula. New York Vascular Society, University Club, New York, N.Y., November 30, 2000.

75. Eversion technique increases the risk for post carotid endarterectomy hypertension. Twenty-ninth Annual Society for Clinical Vascular Surgery, Boca Raton, FL, April 7, 2001.

76. Hemorrhagic complications of peripheral thrombolytic therapy. Twenty-ninth Annual Society for Clinical Vascular Surgery, Boca Raton, FL, April 7, 2001.

77. Management of infected or exposed vascular grafts to the dorsalis pedis artery: Case reports and review of the literature. Fifteenth Annual Eastern Vascular Society, Washington, D.C., May 5, 2001.

78. Vagus nerve stimulation attenuates cardiac TNF. Twenty-fourth Annual Shock Conference, Marco Island, FL, June 10, 2001.

79. Update on carotid disease. Putting It All Together: An Update On Vascular Diseases. Uniondale, N.Y., October 5, 2001.

81. Lower extremity compartment syndrome after cardiopulmonary bypass. Eighty-seventh Annual Clinical Congress of the American College of Surgeons, New Orleans, LA, October 8, 2001.

82. Systemic anti-inflammatory action of CNI-1493 is mediated by the cholinergic anti-inflammatory pathway. Eighty-seventh Annual Surgical Forum, New Orleans, LA, October 9, 2001.

83. Standardizing vascular residency. Tenth Annual Association of Program Directors in Vascular Surgery Meeting, Bethesda, MD, April 20, 2002.

84. The cholinergic anti-inflammatory pathway inhibits TNF production during reperfusion after aortic clamping. Sixteenth Annual Eastern Vascular Society Meeting, Boston, MA, May 2, 2002.

85. Management of visceral artery aneurysms. Thirty-first Annual Society Clinical Vascular Surgery Meeting, Miami, FL, March 7, 2003.

86. Connecting the mind and body: The cholinergic anti-inflammatory pathway. Department of Surgery Grand Rounds, Lenox Hill Hospital, New York, NY, December 5, 2003.

87. Serum levels of the pro-inflammatory cytokine HMGB1 correlate with vagus nerve activity. Clinical

Research Meeting, Chicago, IL, April 16, 2004.

88. What's New In Vascular Surgery? Department of Podiatry Grand Rounds, NYU Downtown Hospital, New York, NY, September 9, 2004.

89. What's New In Vascular Surgery? Department of Surgery Grand Rounds, NYU Downtown Hospital, New York, NY, September 22, 2004.

90. Silver Hawk Atherectomy. Division of Vascular Surgery Conference, NYU Medical Center, New York, NY, October 12, 2004.

91. What's New In Vascular Surgery? Department of Medicine Grand Rounds, NYU Downtown Hospital, New York, NY, October 12, 2004.

92. Silver Hawk Atherectomy. Division of Vascular Surgery Conference, Mt. Sinai Medical Center, New York, NY, October 21, 2004.

93. Infrainguinal Plaque Incision: A New Front Line Therapy? Fox Hollow Dinner and Discussion Series, Palm West, New York, NY, November 18, 2004.

94. Two Cases of Silver Hawk Atherectomy. NY Society Vascular Surgery Conference, NYU Medical Center, New York, NY, November 30, 2004.

95. Reducing Amputations. NY Society Podiatric Medicine Association Divisional Meeting, Sparks, New York, NY, January 6, 2005.

96. New Developments in Vascular Surgery. 2005 Symposium on The Geriatric Foot & Ankle, Mt. Sinai Medical Center, New York, NY, October 24, 2005.

97. New Techniques For Limb Salvage. Department of Medicine Grand Rounds, NY Downtown Hospital, New York, NY, January 10, 2006.

98. New Techniques For Limb Salvage. Department of Surgery Grand Rounds, NY Downtown Hospital, New York, NY, January 26, 2006.

99. Peripheral Artery Disease: Open vs. Endovascular Treatment. Department of Surgery Grand Rounds, NY Downtown Hospital, New York, NY, January 18, 2007.

100. Elizabeth Blackwell. Department of Surgery Grand Rounds, NY Downtown Hospital, New York, NY, July 12, 2007.

101. Peripheral Arterial Disease. Department of Surgery Grand Rounds, NY Methodist Hospital, New York, NY, September 18, 2007.

102. Peripheral Arterial Disease: Historical Perspectives and Current Treatments. Department of Surgery Grand Rounds, Beth Israel Medical Center, New York, NY, October 12, 2007.

103. Deep Vein Thrombosis. Department of Surgery Grand Rounds, NY Downtown Hospital, New York, NY, January 3, 2008.

104. NY Downtown Hospital: A Proud History. Department of Surgery Grand Rounds, NY Downtown Hospital, New York, NY, January 29, 2009.

105. Advances in Limb Salvage. CNR Health Fair, Brooklyn, NY, September 18, 2009.

106. Peripheral Arterial Disease. Department of Surgery Grand Rounds, NY Downtown Hospital, New York, NY, September 16, 2010.

107. Varicose Veins: Causes and Treatment. ProHealth Care Associates, Lake Success, NY, May 24, 2011.