

CURRICULUM VITAE

Born:	December 2, 1943	Tukums, Latvia
Citizenship:	July 27, 1954 May, 1993	U.S.A. (A-399691) Latvia (021243-14618)
Married:	July 8, 1967	Zinta Zarins
Children:	April 4, 1971 May 9, 1972 April 27, 1979	Daina Zinta Sascha Kristaps Karina Krista
Education:	1960	Diploma Brooklyn Technical High School, Brooklyn, NY
	1964	B.A. Lehigh University Bethlehem, PA
	1968	M.D. Johns Hopkins University School of Medicine Baltimore, MD
	1968-69	Surgical Internship University of Michigan Hospital, Ann Arbor, MI
	1969-73	General Surgical Residency University of Michigan Hospital, Ann Arbor, MI
	1971-72	Surgical Research Fellowship Johns Hopkins Hospital Baltimore, MD
	1973-74	Chief Resident in Surgery University of Michigan Hospital, Ann Arbor, MI
Honors and Awards:	Phi Eta Sigma Omicron Delta Kappa Phi Beta Kappa Research Award, Association for Academic Surgery, 1972 Latvian Academy of Sciences Pauls Stradins Prize in Medicine, 1998 Three Star Order, Republic of Latvia, 2003	
Licensure:	National Board of Medical Examiners, 1969 State of Michigan, 1970 State of Maryland, 1971 State of Illinois, 1976 State of California, 1974, 1993	
Board Certification:	American Board of Surgery, 1975 (Certificate 21084) Special Qualification in General Vascular Surgery, 1983 Recertified, 1991, 2002 (Certificate 399)	
Military:	Lieutenant Commander, USNR, Active Duty 1974-76 Research Director, Trauma Research Unit,	

Naval Regional Medical Center, San Diego, CA 1974-1976

Clinical
Appointments:

Trauma Surgeon and Intensive Care Specialist:
Naval Regional Medical Center, San Diego, CA 1974-76

Vascular Surgeon:

University of Chicago Medical Center, Chicago, IL 1976-1993
Hyde Park Community Hospital, Chicago, IL 1980-1993
Little Company of Mary Hospital, Chicago, IL 1986-1993
Louis A. Weiss Hospital, Chicago, IL 1990-1993
Stanford University Medical Center, Stanford, CA 1993-present
Palo Alto VA Hospital, Palo Alto, CA 1993-present
O'Connor Hospital, San Jose, CA 1998-present
El Camino Hospital, Mountain View, CA 2002-present
Sequoia Hospital, Redwood City, CA 2002-present
Community Hospital of Monterey Peninsula, Monterey, CA 2003-present

Director of Vascular Laboratory:

University of Chicago Medical Center, 1976-1989
Stanford University Medical Center, Stanford, CA 1993-1996

Administrative
Positions:

Chief of Vascular Surgery:
The University of Chicago Medical Center, 1976-1993
Stanford University Medical Center, Stanford, CA 1993-2005

Vice-Chairman, Department of Surgery:
The University of Chicago, 1985-1989

Acting Chairman, Department of Surgery
Stanford University, 1995-1997

Faculty
Appointments:

Assistant Professor of Surgery
The University of Chicago, 1976-1979

Associate Professor of Surgery
The University of Chicago, 1979-1982

Professor of Surgery
The University of Chicago, 1982 - 1993

Walter Clifford and Elsa Rooney Chidester Professorship in Surgery
Stanford University, 1993-present

Other
Appointments:

Visiting Professor
University of Arizona, January 16, 2007

Editorships:

Journal of Surgical Research -
Assistant Editor, 1977-1981
Associate Editor, 1981-1983
Editor-in-Chief, 1983-1996
Journal of Vascular Surgery - Editorial Board, 1987- 1999
International Vascular Surgery - Editorial Board, 1991-present
Surgery - Editorial Board, 1992-1995
International Union of Angiology - Editorial Board, 1992-1995
Annals of Vascular Surgery - Special Editorial Consultant in
Atherosclerosis, 1986-present

Annals of Vascular Surgery - Editorial Board, 1993-present
Journal of American College of Surgeons (formerly SG&O) - Editorial Board, 1994
Journal of Endovascular Therapy - Editorial Board, 1994-present
Vascular Surgery - Editorial Board, 1995
Angiology and Vascular Surgery - Editorial Board, 1995
Cardio•Vascular Radiation•Medicine – Editorial Board, 1998
Atherosclerosis - Ad Hoc Reviewer
Arteriosclerosis - Ad Hoc Reviewer
Circulation - Ad Hoc Reviewer
Circulation Research - Ad Hoc Reviewer
Journal of the American Medical Association - Ad Hoc Reviewer
Journal of Biomechanical Engineering - Ad Hoc Reviewer
International Angiology - Ad Hoc Reviewer
New England Journal of Medicine – Ad Hoc Reviewer
Perspectives in Vascular Surgery – Editorial Board, 1999
The Journal of Cardiovascular Surgery – Editorial board, 2007-

Professional
Organizations:

American Association for the Advancement of Science, 1981
American College of Surgeons, Fellow 1978
American Heart Association, Council on Arteriosclerosis, 1981
American Heart Association, Council on Cardio-Thoracic & Vascular, 1981
American Heart Association, Stroke Council, 1994
American Medical Association, 1982
American Surgical Association, 1985
Association for Academic Surgery, 1975
Baltic Society of Thoracic and Cardiovascular Surgery, 1990
Central Surgical Association, 1981
Chicago Heart Association, 1984
Chicago Medical Society, 1982
Chicago Surgical Society, 1978
Council of Biology Editors, 1983
Frederick A. Collier Surgical Society, 1980
International Atherosclerosis Society, 1982
International Society for Applied Cardiovascular Biology, 1991
International Society for Cardiovascular Surgery, 1978
International Society of Endovascular Specialists, 1995
Johns Hopkins Medical and Surgical Society, 1968
Latvian Medical and Dental Society, 1980
Latvian Society for Cardiovascular Surgery, 1990
Latvian Academy of Sciences, 1990
Midwestern Vascular Surgical Society, 1978
New York Academy of Sciences, 1996
North American Trauma Association, 1976
Northern California Vascular Society, 1993
Pacific Coast Surgical Association, 1995
Program Directors in Vascular Surgery, 1994
San Francisco Surgical Society, 1994
Society of Clinical Surgery, 1985
Society of University Surgeons, 1979
Society for Vascular Surgery, 1981
Southern Association for Vascular Surgery, 1993 (Honorary Member)
Surgical Biology Club II, 1972
Vascular Biology Club, 1985
Western Surgical Association, 1981
Western Vascular Society, 1994

Offices:
National and International

President, North American Trauma Association, 1976-1977
Secretary, North American Trauma Association, 1978-1981
President, International Vascular Workshop, Austria, 1986-1987
Chairman, VA Merit Review Board for Surgery, 1989-1990
Chairman, Liebig Award Committee for Vascular Research, 1990-1991
President, Vascular Surgery section, Latvian Society for Cardiovascular Surgery, 1990-1992
Secretary, Midwestern Vascular Surgical Society, 1991-1993
President, Latvian Society for Cardiovascular Surgery, 1992-1994
Treasurer, Society for Vascular Surgery, 1993-1997
Chairman, Publications Committee, SVS/ISCVS, 1993-1997
Treasurer, Latvian Medical & Dental Society, 1993-1998
President, Latvian Medical Foundation, 1993-present
President-Elect, Society for Vascular Surgery, 1997-1998
President, Society for Vascular Surgery, 1998-1999
President, Gulf Coast Vascular Society, 2000
Treasurer, International Society of Endovascular Specialists, 2005
President-Elect of the International Society of Endovascular Specialists beginning February 2007 for two years, then he becomes President for two years

National Committees:

Program Committee, American Society of Artificial Internal Organs, 1977-1980
Committee on Issues, Association for Academic Surgery, 1978-1980
Committee on Education, Society of University Surgeons, 1980-1982
Committee on Social and Legislative Issues, Society of University Surgeons, 1981-1984
Committee on Issues, International Society of Cardiovascular Surgery, 1985-1987
Examiner, American Board of Surgery 1985 – 2001
Program Committee, Society for Vascular Surgery, 1986-1989
Research and Training Committee, International Society of Cardiovascular Surgery, 1986-1988
Committee on Admissions, Society of Clinical Surgery, 1986-1989
Cardiovascular Committee, American College of Surgeons, 1986-1991
Liebig Award Committee for Vascular Research 1986-1991
VA Merit Review Board for Surgery, 1987-1990
Biological Sciences Advisory Committee, 1989-1992
AAMI Vascular Prostheses Committee, 1989-present
Board of Governors, American Heart Association of Metropolitan Chicago, 1990-1993
Committee on Vascular Surgery, The American Board of Surgery 1991-1993
Executive Council, SVS/ISCVS 1993-2002
Program Committee, Council on Cardio-Thoracic and Vascular Surgery, American Heart Association, 1994-1997
Board of Directors of the Lifeline Foundation Society for Vascular Surgery, 1994-1999
American Board of Surgery, Sub-board for Vascular Surgery 1998-2000

American Board of Vascular Surgery, Board of Directors, 1999-2003
Medical School Advisory Committee, University of Latvia
1998-present
AAMC Council of Academic Societies, SVS Council Representative
1999-present
MICCAI Clinical Advisory Committee, UPMC Health System
1999-present
International Society of Endovascular Specialists (ISES) Research Award Chairman
1999-present
Committee on Emerging Surgical Technology and Education (CESTE), ACS
1999-present

HONORS

America's Top Doctors. Listed in the new 5th edition of Castle Connolly's acclaimed guide to the top 1% of medical specialists in the nation, **America's Top Doctors** [[the letter](#)]

The Latvian Republic's "Tris Zvaigznu Ordenis" (Three Star Order), established in 1924 for service to the nation — Latvia's highest civilian honor. Honored in November 2003 [[in the news](#)]

PATENTS

Patent [3815.21-1 S05-377](#)

Regular Utility Patent Application For "CELL SORTER AND CULTURE SYSTEM"

Inventors: Oscar J. Abilez, Peyman Benharash, Christopher K. Zarins

Serial No.: not yet assigned; Filed: April 5, 2007

Stanford Ref. No.: S05-377 ; PVJS No.: 3815.21-1

GRANTS

1. Chicago Heart Association 1/1/78 - 12/31/80
"Localization of Atherosclerotic Plaques"
Principal Investigator: Christopher K. Zarins, M.D.
Annual Funding: \$11,000
Total Funding: \$22,000
2. W.L. Gore, Inc. and The Upjohn Company: 7/1/83 - 7/1/88
"National Cooperative Antiplatelet Study"
Principal Investigator: Christopher K. Zarins, M.D.
Annual Funding: \$10,000
3. National Science Foundation: 1/1/85 - 10/31/89
"Pulsatile Flow and the Susceptibility of Arteries to Atherosclerosis"
Principal Investigator: Christopher K. Zarins, M.D.
Co-Principal Investigator: Seymour Glagov, M.D.
Annual Funding: \$121,000
Total Funding: \$349,000
Grant No. MSM-8416361
4. National Science Foundation: 2/15/80 - 10/31/83
"The Role of Fluid Mechanics on the Genesis Proliferation and Detection of Atherosclerosis"
Principal Investigators: Christopher K. Zarins, M.D.
Don P. Giddens, Ph.D.
Annual Funding: \$36,190
Total Funding: \$137,350
Grant No. MEA-7921551
5. National Institutes of Health: 12/1/86 - 11/30/91
SCOR Atherosclerosis Project B2
"Effect of Heart Rate, Hypertension and Modulations of Flow on Coronary Atherosclerosis"
Principal Investigator: Christopher K. Zarins, M.D.
Annual Funding: \$239,421
Total Funding: \$1,197,105
Grant No. HL 15062-17
6. National Institutes of Health: 12/1/81 - 11/30/86
SCOR Atherosclerosis Project V

- "Arterial Stenosis and its Reversal: Effects of Pressure, Flow and Microinjury on the Evolution and Regression of Diet Induced Arterial Lesions"
Co-Principal Investigators: Christopher K. Zarins, M.D.
Seymour Glagov, M.D.
Annual Funding: \$178,408
Total Funding: \$1,005,670
Grant No. HL15062-12
7. National Institutes of Health: 1978-1981
SCOR Atherosclerosis Project IV.
"Relative Effects of Elevated Pressure and Hyperlipidemia on the Reaction of Arteries to Injury and to the Development and Regression of Atherosclerosis: A Quantitative Study"
Principal Investigator: Seymour Glagov, M.D.
Co-Principal Investigator: Christopher K. Zarins, M.D.
Annual Funding: \$130,061
Total Funding: \$414,061
Grant No. HL 15062-08
8. National Institutes of Health: 7/1/88 - 6/30/93
"T-32 Research Training Grant"
Program Director: Christopher K. Zarins, M.D.
Annual Funding: \$429,820
Total Funding: \$2,149,100
Grant No. 1 T32 HL 07665-04
9. National Institutes of Health: 5/7/91 - 6/30/93
"North American Symptomatic Carotid Endarterectomy Trial"
Principal Investigator: H.M.J. Barnett, M.D.
Co-Investigators: Jean Paul Spire, M.D.
Christopher K. Zarins, M.D.
Grant No. NS24456
10. National Institutes of Health: 7/1/88 - 6/30/93
"Biomechanical Factors in Anastomotic Intimal Hyperplasia"
Principal Investigator: Christopher K. Zarins, M.D.
Co-Investigators: Don P. Giddens, Ph.D.
Seymour Glagov, M.D.
Annual Funding: \$193,425
Total Funding: \$1,035,443
Grant No. 1 RO1 HL 41267-01
11. National Institutes of Health: Project B3: 12/01/91 - 11/30/96
"Specialized Center of Research (SCOR) in Atherosclerosis"
"Effects of Modulation of Pressure & Flow on Vessel Wall Adaptation: A Molecular Analysis"
Principal Investigator: Christopher K. Zarins, M.D.
Co-Investigators: Seymour Glagov, M.D.
Don P. Giddens, Ph.D.
Hisham Bassiouny, M.D.
Annual Funding: \$197,000
Total Funding: \$1,067,016
Grant No. HL15062-16
12. Hewlett Packard Company: 4/7/95
Computer Equipment and Software
Principal Investigator: Christopher K. Zarins, M.D.
Co-Investigator: Charles Taylor, Ph.D.
Total Funding: \$119,388

13. Donations for Vascular Research from Industry: 10/04/94 - 08/29/95
Program Director: Christopher K. Zarins, M.D.
Total Funding: \$294,970
14. CardioVascular Concepts: 06/01/94 - 04/30/96
“Stent-Graft System Animal Test Protocol”
Program Director: Christopher K. Zarins, M.D.
Total Funding: \$110,099
15. AneuRx, Inc.: 6/01/96 - 11/01/96
“Sealing Performance Evaluation of CVC Transluminally Placed Endovascular Stent Grafts”
Program Director: Christopher K. Zarins, M.D.
Co-Investigator: Charles Taylor, Ph.D.
Total Funding: \$38,180
16. General Surgical Innovations 12/10/97
“Minimally Invasive Vascular Surgery”
Principal Investigator: Christopher K. Zarins, M.D.
Total Funding: \$30,000
17. AneuRx, Inc.: 08/01/96-07/31/98
“Endovascular Stent Graft Clinical Trial”
Principal Investigator: Christopher K. Zarins, M.D.
Annual Funding: \$137,765
Total Funding: \$137,765
18. Hewlett-Packard: 9/01/96-9/1/98
“Development of Real-Time 3-Dimensional Imaging of the Extra-Cranial Carotid Artery Using Current Duplex Ultrasound Technology”
Co-Principal Investigator: E. John Harris, Jr., M.D.
Co-Principal Investigator: Charles Taylor, Ph.D.
Co-Investigators: David Parker
Bonnie Wolff-Johnson, R.V.T.
Christopher K. Zarins, M.D.
Total Funding: (Equipment Loan)
19. Pacific Vascular Research Foundation: 7/01/96-6/30/99
“Early Arterial Adaptation to Increase Blood Flow Rate: A Molecular and Morphologic Analysis”
Principal Investigator: Christopher K. Zarins, M.D.
Co-Investigator: Tej M. Singh, M.D.
Annual Funding: \$41,000
Total Funding: \$113,500
20. National Institutes of Standards and Technology: 10/1/97-09/30/00
“Computer Aided Medical Planning: A New Paradigm in Vascular Intervention”
Prime Contractor: Centric Engineering Systems, Inc.
Principal Investigator: Christopher K. Zarins, M.D.
Co-Investigator: Charles Taylor, Ph.D.
Annual Funding: \$173,677
Total Funding: \$628,956
21. National Institutes of Health: 01/01/99-11/30/02
“Volumetric Analysis of the Aorta and Its Branches”
Principal Investigator: Geoffrey Rubin, M.D.
Co-Investigator: Christopher K. Zarins, M.D.

- Annual Funding: \$249,719
Total Funding: \$971,318
Grant No. 1 R01 HL58915-01A2
22. World Medical Manufacturing Corp.: 06/01/00-12/31/02
Talent Endoluminal Spring Stent-Graft System
Principal Investigator: Christopher K. Zarins, M.D.
Total Direct Funding: \$17,211
23. World Medical Manufacturing Corp.: 06/01/00-12/31/02
Talent Endoluminal Spring Stent-Graft System
Principal Investigator: Christopher K. Zarins, M.D.
Total Direct Funding: \$4,411
24. National Institutes of Health: 09/30/98-08/31/03
“Magnetic Resonance Imaging of the Vulnerable Plaque”
Principal Investigator: Bob S. Hu, M.D.
Co-Investigator: Christopher K. Zarins, M.D.
Annual Funding: \$200,000
Total Funding: \$800,000
Grant No. 1 R01 HL61684-01
25. Medtronic AVE: 08/01/96-04/30/03
“Endovascular Stent Graft Clinical Trial (Phase I)”
Principal Investigator: Christopher K. Zarins, M.D.
Total Direct Funding: \$129,196
26. National Institutes of Health: 9/30/99-08/31/03
“Mechano-biologic Determinants of Experimental AAA”
Principal Investigator: Ronald L. Dalman, M.D.
Collaborator: Christopher K. Zarins, M.D.
Annual Funding: \$150,000
Total Funding: \$600,000
Grant No. 1R01 HL64338-01
27. National Institutes of Health: 9/30/99-08/31/03
“Quantitation of Biomechanical Determinants of Human AAA”
Principal Investigator: Christopher K. Zarins, M.D.
Co-Principal Investigator: Charles A. Taylor, Ph.D.
Annual Funding: \$175,000
Total Funding: \$700,000
Grant No. 1R01 HL64327-01
28. Medtronic AVE: 04/01/97-09/30/04
“Endovascular Stent Graft Clinical Trial (Phase II)”
Principal Investigator: Christopher K. Zarins, M.D.
Total Direct Funding: \$102,662
29. Medtronic AVE: 10/15/00-10/14/04
“Descending Thoracic Aortic Aneurysm (Phase 1)”
Principal Investigator: Christopher K. Zarins, M.D.
Total Direct Funding: \$8,120
30. Medtronic AVE: 10/01/98-09/30/05
“Endovascular Stent Graft Clinical Trial (Phase III)”

- Principal Investigator: Christopher K. Zarins, M.D.
Total Direct Funding: \$300,366
31. World Medical Manufacturing Corp.: 06/01/00-5/31/06
“Talent LPS Endoluminal Spring Stent-Graft System”
Principal Investigator: Christopher K. Zarins, M.D.
Total Director Funding: \$11,711
32. Medtronic AVE: 01/20/01-01/31/07
“AneuRx Aorto-Uni-Iliac Stent Graft System”
Principal Investigator: Christopher K. Zarins, M.D.
Total Direct Funding: \$131,099
33. National Institutes of Health: 06/01/04-03/31/08
“Aortic Structure, Biology and Strain in Human AAA”
Principal Investigator: Christopher K. Zarins, M.D.
Co-Principal Investigator: Charles A. Taylor, Ph.D.
Annual Funding: \$225,000
Total Direct Funding: \$900,000
Grant No. 2 R01 HL64327-05A1
34. The National Collegiate Inventors and Innovators Alliance (NCIIA): 09/01/05-08/31/06
“Percutaneous Large Arteriotomy Site Closure”
Principal Investigator: Christopher K. Zarins, M.D.
Annual Funding: \$16,675
Total Direct Funding: \$16,675
Grant No. 2532-05
1. CIRM grant 04/01/07-03/31/11
California Institute of Regenerative Medicine (CIRM) 4-year comprehensive grant
Engineering a Cardiovascular Tissue Graft from Human Embryonic Stem Cells.
Principal Investigator: Christopher K. Zarins, M.D.
Total funding: \$2,618,704
2. Medtronic AneuRx 10/01/98 - 09/30/08
Title:-M-CTAA A Phase **III** Evaluation of the Safety and Efficacy of the AneuRx Stent Graft System in the
Treatment of Abdominal Aortic Aneurysms (AAA). PROT AAA PHASE III
Principal Investigator: Christopher K. Zarins, M.D.
Total Est Cost: \$375,458 Total Funded:\$375,458
3. Nanosys. Inc./Defence Advanced Research Projects Agency 9/01/07 - 1/15/08
Title Silica Nonfiber Combat Hemostat (SiNCH)
Principal Investigator: Christopher K. Zarins, M.D.
Total Est Cost: \$74,872 Total Funded: \$74,872

BIBLIOGRAPHY

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PEER REVIEWED PUBLICATIONS

- [| Article #100](#) | [| #200](#) | [| #250](#) | [| #300](#) | [| Books](#) | [| Book chapters](#) | [| Movies](#) |
1. **Zarins CK**, Skinner DB, Zuidema GD. Extracorporeal portal decompression using a graphite benzalkonium heparin shunt. *Ann Surg* 169:253-256, 1969. [\[pdf\]](#)
 2. Chambers CE, **Zarins CK**, Skinner DB, Jones EL. External compression of the cardia related to gastroesophageal reflux. *Surg Forum* 23:396-398, 1972. [\[pdf\]](#)
 3. **Zarins CK**, Skinner DB. Circulation in profound hypothermia. *J Surg Res* 14:97-104, 1973. [\[pdf\]](#)
 4. **Zarins CK**, Skinner DB, Rhodes BA, James AE. Hyperemia as a measure of viability in revascularized ischemic intestine. *Surg Forum* 24:416-417, 1973. [\[pdf\]](#)
 5. Baker RR, Sabanayagam P, **Zarins CK**, James AE, Hutchins GM, Byers JM 3rd, Katarajan TK, Lee JM. Functional and morphologic changes after lung allografting in baboons. *SG&O* 137:650-654, 1973. [\[pdf\]](#)
 6. Sabanayagam P, Lee JM, **Zarins CK**, Hutchins GM, James AE, Baker RR. A correlation of radiographic, functional, and morphologic changes in baboon lung allografts: A comparison of two immunosuppressive regimens. *J Thor Cardiovasc Surg* 66:573-580, 1973. [\[pdf\]](#)
 7. **Zarins CK**, Skinner DB, Rhodes BA, James AE Jr. Prediction of the viability of revascularized intestine with radioactive microspheres. *SG&O* 138:576-580, 1974. [\[pdf\]](#)
 8. Moossa AR, Skinner DB, **Zarins CK**, Rhodes BA. Preoperative evaluation of the viability of ischemic colon in primates. *Br J Surg* 61:301-304, 1974. [\[pdf\]](#)
 9. Skinner DB, **Zarins CK**, Moossa AR. Mesenteric vascular disease. *Amer J Surg*. 128:835-839, 1974. [\[pdf\]](#)
 10. **Zarins CK**, Skinner DB. Hemodynamics and blood flow distribution following prolonged circulation at 5 degrees C. *Amer J Physiol* 229:275-278, 1975. [\[pdf\]](#)
 11. **Zarins CK**, Moossa AR and Skinner DB. Survival of dogs subjected to profound hypothermia with circulatory support. *Arch Surg* 111:186-189, 1976. [\[pdf\]](#)
 12. Moossa AR, **Zarins CK**, Skinner DB. In situ kidney preservation for transplantation with use of profound hypothermia (5 to 20 degrees C.) with an intact circulation. *Surg* 79:60-64, 1976. [\[pdf\]](#)
 13. **Zarins CK** and Eriksson E. Microsphere distribution in revascularized intestine. *Microcirc* 1:327-328, 1976. [\[pdf\]](#)
 14. **Zarins CK**, Rice CL, Smith DE, John DA, Cammack BF, Peters RM, Virgilio RW. Role of lymphatics in preventing hyponcotic pulmonary edema. *Surg Forum* 27:257-259, 1976. [\[pdf\]](#)
 15. Powell RW, Smith DE, **Zarins CK**, Parvin S, Virgilio RW. Peritoneal lavage in children with blunt abdominal trauma. *J Ped Surg* 11:973-977, 1976. [\[pdf\]](#)
 16. Shackford SR, Smith DE, **Zarins CK**, Rice CL, Virgilio RW. The management of flail chest: A comparison of ventilatory and non-ventilatory treatment. *Am J Surg* 132:759-762, 1976. [\[pdf\]](#)
 17. Virgilio RW, Smith DE, Rice CL, Hobelmann CL, **Zarins CK**, James DR, Peters RM. Effect of colloid osmotic pressure and pulmonary capillary wedge pressure on intrapulmonary shunt. *Surg Forum* 27:168-170, 1976. [\[pdf\]](#)
 18. **Zarins CK**, Bayne CG, Rice CL, Peters RM, Virgilio RW. Does spontaneous ventilation with IMV protect from PEEP-induced cardiac output depression? *J Surg Res* 22:299-304, 1977. [\[pdf\]](#)
 19. **Zarins CK**, Virgilio RW, Smith DE, Peters RM. The effect of vascular volume on positive end-expiratory pressure-induced cardiac output depression and wedge-left atrial pressure discrepancy. *J Surg Res* 23:348-360, 1977. [\[pdf\]](#)

20. **Zarins CK**, Virgilio RW. Colloid osmotic pressure and the development of pulmonary edema. *Proc Inst Med* 31:147, 1977. [\[pdf\]](#)
21. **Zarins CK**, Rice CL, Peters RM, Virgilio RW. Lymph and pulmonary response to isobaric reduction in plasma oncotic pressure in baboons. *Circ Res* 43:925-930, 1978. [\[pdf\]](#)
22. **Zarins CK**, Taylor KE, Lundell MI and Glagov S. Aortic ostial morphology and the localization of atherosclerotic lesions: Preliminary observations. *Proc of Specialists Workshop in the Role of Fluid Mechanics in Atherogenesis*, pp. 5/1-5/4, 1978. [\[pdf\]](#)
23. Virgilio RW, Rice CL, Smith DE, James DR, **Zarins CK**, Hobelmann CF, Peters RM. Crystalloid vs. colloid resuscitation: Is one better? *Surg* 85:129-139, 1979. [\[pdf\]](#)
24. Virgilio RW, Smith DE, **Zarins CK**. Balanced electrolyte solutions: Experimental and clinical studies. *Crit Care Med* 7:98, 1979. [\[pdf\]](#)
25. Queral LA, Whitehouse WM Jr, Flinn WR, **Zarins CK**, Bergan JJ, Yao JS. Pelvic hemodynamics after aortoiliac reconstruction. *Surg* 86:799-809, 1979. [\[pdf\]](#)
26. Moseley PL, Kohler JP, Rice CL, Schwartz JS, Gould S, **Zarins CK**, Kerstein MD, Moss GS. Does sepsis reduce threshold hydrostatic pressure for pulmonary edema? *Surg Forum* 30:170-172, 1979. [\[pdf\]](#)
27. Rice CL, Doroghazi PM, Kohler JP, **Zarins CK**, Moss GS. The effect of sepsis and reduced colloid osmotic pressure on pulmonary edema. *J Surg Res* 27:347-351, 1979. [\[pdf\]](#)
28. **Zarins CK**, Lu CT, McDonnell AE, Whitehouse WM Jr. Limb salvage by percutaneous transluminal recanalization of the occluded superficial femoral artery. *Surg* 87:701-708, 1980. [\[pdf\]](#)
29. Bomberger RA, **Zarins CK**, Taylor KE, Glagov S. Effect of hypotension on atherogenesis and aortic wall composition. *J Surg Res* 28:402-409, 1980. [\[pdf\]](#)
30. Cimochoowski GE, Evans RH, **Zarins CK**, Lu CT, DeMeester TR. Greenfield filter vs. Mobin-Uddin umbrella: The continuing quest for the ideal method of vena caval interruption. *J Thor Cardiovasc Surg* 79:358-365, 1980. [\[pdf\]](#)
31. **Zarins CK**, Bomberger RA, Taylor KE, Glagov S. Artery stenosis inhibits regression of diet-induced atherosclerosis. *Surg* 88:86-92. 1980. [\[pdf\]](#)
32. Bomberger RA, **Zarins CK** and Glagov S. Medial injury and hyperlipidemia in development of aneurysms or atherosclerotic plaques. *Surg Forum* 31:338-340, 1980. [\[pdf\]](#)
33. **Zarins CK**, Taylor KE, Bomberger RA, Glagov S. Endothelial integrity at aortic ostial flow dividers. *SEM* 3:249-254, 1980. [\[pdf\]](#)
34. Kohler JP, Rice CL, **Zarins CK**, Cammack BF 3rd, Moss GS. Does reduced colloid oncotic pressure increase pulmonary dysfunction in sepsis? *Crit Care Med* 9:90-93, 1981. [\[pdf\]](#)
35. Kohler JP, Rice CL, Moseley P, Schwartz J, **Zarins CK**, Gould S, Moss GS. Sepsis reduces the threshold hydrostatic pressure necessary for pulmonary edema in baboons. *J Surg Res* 30:129-134, 1981. [\[pdf\]](#)
36. R, Garlick I, **Zarins C**, Cheng E, Chediak J. Surgical implications of antithrombin III deficiency. *Surg* 89:429-433, 1981. [\[pdf\]](#)
37. **Zarins CK**, DelBeccaro EJ, Johns L, Turcotte JK, Dohrmann GJ. Increased cerebral blood flow after external carotid artery revascularization. *Surg* 89:730-734, 1981. [\[pdf\]](#)
38. Bomberger RA, **Zarins CK**, Glagov S. Subcritical arterial stenosis enhances distal atherosclerosis. Resident Research Award. *J Surg Res* 30:205-212, 1981. [\[pdf\]](#)
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109. T.M. Singh, M.H. Kadowski, S. Glagov and C.K. Zarins. Role of fibrinopeptide B in early atherosclerotic lesion formation. Bugamorphama-Docus on Endothelium and Vascular Diseases.

1995

110. R.L. Dalman and C.K. Zarins. Vascular and Endovascular Surgical Techniques, Third Edition. Edited by R.M. Greenhalgh. *Arch. Surg.* 130:449-450, 1995. (Book Review)
111. Review of Vascular Surgery. Edited by W.C. Krupski. W.B. Saunders Co., Philadelphia, PA, 1995. (Contributors)
112. C. Zarins. Impact of endovascular technology on vascular surgery practice and training. Resident's Edition of *Annals of Surgery*. October, 1995. (Commentary)

1996'S

113. C.A. Taylor, B.I. Tropea, T.J.R. Huges and C.K. Zarins. Effect of graded exercise on aortic wall shear stress, presented at 1995 ACS Meeting, New Orleans, LA. C.A. Taylor, T.J.R. Hughes and C.K. Zarins. Effect of exercise on hemodynamic conditions in the abdominal aorta. Poster presentation at the 1996 ISCVS/SVS Meeting, Chicago, IL, 1996.
114. C.A. Taylor, T.J.R. Hughes and C.K. Zarins. Finite element analysis of pulsatile flow in the abdominal aorta under resting and exercise conditions. Podium presentation at the ASME Winter Annual Meeting, Atlanta GA, 1996.

1997'S

115. Y.J. Zhuang, T.M. Singh, X. Yan, H. Nanjo, K. Kawamura, C.K. Zarins and H. Masuda. Time course of morphologic changes induced by increased and decreased blood flow. *Microcirculation* Vol 4:1, p. 140, March, 1997. (Abstract)
116. T. Abbruzzese, R. Guzman, R.L. Martin, C.K. Zarins, R.L. Dalman. Matrix metalloproteinase inhibition decreases flow-mediated arterial enlargement. American Heart Association, 70th Scientific Sessions, October 9-12, 1998, Orlando, Florida, *Circulation* suppl, 96:I-172, 1997. (Abstract)
117. T.M. Singh, Y.J. Zhuang, C.K. Zarins and H. Masuda. Reduction in wall shear stress below normal stimulates intimal thickening. *Cardiovascular Surgery* Vol. 5, Supplement, page 120, 1997. (Abstract)
118. C. Xu, S. Glagov, W.H. Briggs, C. Reardon-Alulis, H.S. Bassiouny and C.K. Zarins. Matrix biosynthetic responses to acute aortic coarctation: I. Distribution of gene expression and protein accumulation for collagen types I and III proximal to the stenosis. *Circulation*, in press. 1997
119. T.M. Singh, Y.J. Zhuang, C.K. Zarins and H. Masuda. Reduction in wall shear stress below normal stimulates intimal thickening. SVS, Boston, MA, June 1, 1997.

120. Y.J. Zhuang, T.M. Singh, C.K. Zarins and H. Masuda. Sequential increases and decreases in wall shear stress below normal stimulated progressive intimal thickening. European Society for Vascular Surgery, September 19, 1997.
121. C.K. Zarins, C.A. Taylor and T.J.R. Hughes. Modeling of blood vessels. Podium Presentation at the NIH Conference - How to Build a Better Blood Vessel, Bethesda, MD.
122. C.A. Taylor, T.J.R. Hughes and C.K. Zarins. Computational investigations of hemodynamic factors in vascular disease, Podium Presentation at the First International Interdisciplinary Conference on Cardiovascular Medicine, Surgery, Science and Mechanics, Bethesda, MD, 1997.
123. C.A. Taylor, T.J.R. Hughes and C.K. Zarins. Computational evaluation of flow in vascular prostheses. Podium Presentation at the First International Interdisciplinary Conference on Cardiovascular Medicine, Surgery, Science and Mechanics, Bethesda, MD, 1997.
124. D. Partker, C.A. Taylor, T.J.R. Hughes, C.K. Zarins. Visualization of anatomic and physiologic data for computational investigations of human vascular disease. Podium Presentation at the 1997 ASME Summer Bioengineering Meeting, Sun River, OR.
125. C.A. Taylor, D. Parker, T.J.R. Hughes and C.K. Zarins. Finite element analysis of pulsatile flow in the human abdominal aorta: Geometric model construction from spiral CT data. Podium Presentation at the 1997 ASME Summer Bioengineering Meeting, Sun River, OR.
126. B.J. Schalet, C.A. Taylor, E.J. Harris, R.J. Herfkens and C.K. Zarins. Quantitative assessment of human aortic blood flow during exercise. Presented at the 1997 American College of Surgeons Meeting, Chicago, IL.
127. T.M. Singh, Y.J. Zhuang, H. Masuda and C.K. Zarins. Basic fibroblast growth factor expression precedes flow induced arterial enlargement. Association of Academic Surgery Annual Meeting, Nov. 8, 1997.

1999'S

128. C.K. Zarins, R.A. White, D.E. Schwarten, E.V. Kinney, E.B. Diethrich, K.J. Hodgson, T.M. Sullivan, R.M. Bersin, J.S. Matsumura, S.R. Money, J. Laird, W. Moore, Jr., T.J. Fogarty. Endovascular vs. open repair of AAA: AneuRx stent graft multicenter clinical trial. J Endovasc Surg, Feb. 1999, in press.
129. G.R. Rubin, A.J. Schmidt, L.J. Logan, C. Olcott, C.K. Zarins, M.D. Dake. Multidetector-Row CT angiography of lower extremity occlusive disease: A new application for CT scanning. 22nd Annual Meeting of the Society of Body Computed Tomography, New Orleans, Louisiana, April 11, 1999.
130. C.K. Zarins. The limits of endovascular aortic aneurysm repair. J Vasc Surg (Comments) 29:1164-1166, 1999.

2000'S

(Abstracts from 2000 to 2004 will be added once the files are available)

2001'S

2002'S

2003'S

2004'S

131. Maarit Heikkinen, **Christopher K. Zarins**. Pathogenesis of aortic aneurysms. Abstracts / Atherosclerosis Supplements 5(4) (2004):30 [\[abstract\]](#)
132. Dainis K. Krievins, **Christopher K. Zarins**. Carotid artery stenosis: endarterectomy or stenting with cerebral protection. Abstracts / Atherosclerosis Supplements 5(4) (2004):33 [\[abstract\]](#)

133. **Christopher K. Zarins**. Atherosclerotic plaque pathogenesis and artery wall adaptation. Abstracts / Atherosclerosis Supplements 5(4) (2004):40 [[abstract](#)]
134. Jean-Marc Alsac, MD,^a **Christopher K. Zarins**, MD,^a Maarit Heikkinen, MD,^a Frank R. Arko, MD,^a Pascal Desgranges, MD,^b Jean-Pierre Becquemini, MD. ^bFrom the departments of Vascular Surgery, Stanford University Hospital – California USA, ^a and Henri-Mondor University Hospital – Creteil France. ^b Does suprarenal fixation of aortic endograft impair renal function? 2004
135. Maarit Heikkinen, MD, Frank R Arko, MD, Eugene S Lee MD, Juha P Salenius, Jukka Saarinen, Dan Bloch, Tyson Holmes, Agnis Zvaigzne, MD, **Christopher K Zarins** Does Endovascular Repair of Large Aneurysms Reduce the Risk of Rupture Despite Type I Endoleaks? 2004

2005'S

136. MT Draney, **CK Zarins**, CA Taylor. Three-Dimensional Analysis of Renal Artery Bending Motion During Respiration. INTERNATIONAL CONGRESS XVIII Abstracts. J ENDOVASC THER 2005;12:I-13-14. [[abs](#), [pdf](#)]
137. MT Draney, M Markl, RJ Herfkens, CA Taylor, and **CK Zarins**. Age and Gender Related Differences in Thoracic Aortic Wall Motion and Strain. Submitted for presentation at the 2005 Society of Vascular Surgery Annual Meeting. [[abstract](#)]
138. **Christopher K Zarins**, Daniel A Bloch, Tami Crabtree, Frank R Arko, Kenneth Ouriel, Rodney A White. Endovascular Aneurysm Repair At Five Years: Does Size Matter? Submitted for presentation at the 2005 Society of Vascular Surgery Annual Meeting [[abstract](#)]
139. Maarit A Heikkinen, Frank R Arko, Eugene Lee, Juha Salenius, J Saarinen, Agnis Zvaigzne, T Holmes, **Christopher K Zarins**. Does Endovascular Aneurysm Repair Reduce the Risk of Rupture of Large AAA Despite Persisting Type I Endoleaks? Submitted for presentation at the 2005 Society of Vascular Surgery Annual Meeting. [[abstract](#)]
140. Maarit Heikkinen, Agnis Zvaigzne, Jean-Marc Alsac, Chengpei Xu, Joan Greve, **Christopher K Zarins**. Effect Of Chronic Increase In Tensile Stress On The Normal Aortic Wall. Submitted for presentation at the 2005 Society of Vascular Surgery Annual Meeting. [[abstract](#)] (Not accepted)
141. Abilez OJ, ??? more Xu C, Zarins CK. Physiologic Adaptive Arterial Remodeling Gives Insight into Aneurysm Formation. Presented at the 12th Annual Western Vascular Resident Forum, Western Vascular Society 20h Annual Meeting, Saturday, September 24, 2005, at the Stein Eriksen Lodge in Park City, Utah.
142. Oscar J. Abilez, Peyman Benharash, Mahncy Mehrotra, Emiko Miyamoto, Jean Picquet, Chengpei Xu, **Christopher Zarins**. A New Culture System Shows that Stem Cells can be Grown in 3-D and Under Physiologic Pulsatile Conditions for Tissue Engineering of Vascular Grafts. Submitted to the first Academic Surgical Congress to be held at San Diego, CA, February 2006.
143. Oscar J. Abilez, Peyman Benharash, Mahncy Mehrotra, Emiko Miyamoto, Jean Picquet, Chengpei Xu, **Christopher Zarins**. The Creation of a New Culture Chamber System for Growing Stem Cells in 3-D and Under Physiologic Pulsatile Conditions for Vascular Tissue Engineering Applications. Presented at the 4th Annual California Tissue Engineering Meeting, Irvine, CA, Sept. 16-17, 2005.

2006'S

144. Oscar Abilez, Peyman Benharash, Emiko Miyamoto, Adrian Gale, Chengpei Xu, **Christopher Zarins**. Electrical and Chemical Stimulation Promote P19 Progenitor Cell Progression to Organized Contracting Myocytes: Implications for Cardiovascular Tissue Engineering. Submitted to International Society for Applied Cardiovascular Biology (ISACB) San Diego, CA March 8-11, 2006, Accepted for poster presentation [[Abstract](#)]
145. **Christopher K Zarins**, Tami Crabtree, Daniel A Bloch, Thomas J Fogarty. Should High Risk Patients With Large Aneurysms Undergo Endovascular Repair? Control/Tracking Number: 06-A-285-SVS, Activity: [Abstract](#), Current Date/Time: 1/8/2006 11:54:33 PM

146. Mary O'Connell, Bong-Soo Sohn, Chengpei Xu, JoAnn Buchanan, Winfried Denk, **Christopher Zarins**, Charles Taylor. Arterial nanostructure of the healthy rat abdominal aorta studied by serial block-face scanning electron microscopy. 2006 Summer Bioengineering Conference. Amelia Island Plantation, Amelia Island, FL. June 21 - 25, 2006 [[Abstract](#)]
147. Peyman Benharash, Chengpei Xu, Jean Picquet, Monica Divakaruni, Phillip Tsao, **Christopher K Zarins**. Differential gene expression in outward vs. inward arterial remodeling. Submitted to SVS 2006 annual meeting, 01/08/2006 [[Abstract](#)]
148. Peyman Benharash, MD, Jason T. Lee, MD, Oscar J Abilez, M.D, and **Christopher K. Zarins**, MD. Iliac fixation is crucial in preventing migration of both suprarenal and infrarenal aortic endografts. Submitted to SVS 2006 annual meeting, 01/08/2006 [[Abstract](#)]
149. **Christopher Zarins**, Eiketsu Sho, Chengpei Xu, Hirotake Masuda, Seymour Glagov. Mechanisms of flow induced arterial remodeling and intimal hyperplasia. Invited abstract. Hemodynamics and Cardiovascular Disease, Session 14.3. World Congress of Biomechanics, Munich, Germany 2006 [[Abstract](#)]
150. **Christopher K. Zarins**, MD. Atherosclerosis and Aortic Aneurysms. Invited keynote address. Clinical Applications and Cardiovascular Mechanics Session, World Congress of Biomechanics, Munich, Germany, July 2006 [[Abstract](#)]
151. Abilez, Oscar, Benharash, Peyman, Miyamoto, Emiko, Gale, Adrian, Xu, **Chengpei, Zarins, Christopher**. A Novel Bioreactor for Vascular Tissue Engineering. Submission has been accepted for the Regenerate World Congress on Tissue Engineering and Regenerative Medicine being held April 25 - 27, 2006 in Pittsburgh, Pennsylvania. [[Abstract](#)]
152. M.K. O'Connell, B. Sohn, C. Xu, J. Buchanan, W. Denk, **C.K. Zarins**, C.A. Taylor (2006) Arterial nanostructure of the Healthy Rat Abdominal Aorta Studied by Block-Face Scanning Electron Microscopy. Proceedings of the 2006 Summer Bioengineering Meeting, Amelia Island, FL, June 21-25, 2006. Talk #152571 on CDROM.
153. Carlos A. Figueroa, Chengpei Xu, Bonnie Johnson, Charles A. Taylor, **Christopher K. Zarins**. A Combined and Experimental Study on the Effects of the Degree-of-stenosis in Post-stenotic Arterial Dilation. Accepted for presentation at the 13th Annual Western Vascular Resident Forum to be held from 2:45 p.m. - 5:00 p.m. on Saturday, September 16, 2006 at the Hilton La Jolla Torrey Pines Hotel in La Jolla, California. [[Abstract](#)]
154. **CK Zarins**, E Sho, C Xu, H Masuda, S Glagov. Mechanisms of flow induced arterial remodeling and intimal hyperplasia. Abstracts of the 5th Congress of Biomechanics, Munich, Germany, July 29-August 4, 2006; *Journal of Biomechanics* 39:S279, September 1, 2006.
155. **CK Zarins**. Atherosclerosis and aortic aneurysms. Abstracts of the 5th Congress of Biomechanics, Munich, Germany, July 29-August 4, 2006; *Journal of Biomechanics* 39:S289, September 1, 2006.
156. MK O'Connell, JM Greve, BS Sohn, C Xu, J Buchanan, E Sho, W Denk, **CK. Zarins**, RL Dalman, CA Taylor. Arterial nanostructure of the healthy rat abdominal aorta studied by serial block-face scanning electron microscopy. Abstracts of the 5th Congress of Biomechanics, Munich, Germany, July 29-August 4, 2006; *Journal of Biomechanics* 39:S400, September 1, 2006.
157. Peyman Benharash, Oscar J. Abilez, Chengpei Xu, **Christopher Zarins**. Development of a Pulsatile Organ Culture System for Investigation of Native and Tissue-Engineered Vessels. Submitted to SUS-AAS 2007.

2007'S

158. P Benharash, O Abilez, C Xu, **C Zarins**. An In Vitro Pulsatile Culture System Allows for Quantification of Vessel Dynamics under Pulsatile, Steady, and Static Conditions. ISES Endovascular Fellows' Research Competition Abstract. Submitted to International Society of Endovascular Specialists (ISES), International Congress XIX, 2007, Phoenix, Arizona, USA.

159. Craig J. Goergen, Bonnie L. Johnson, Joan M. Greve, **Christopher K. Zarins**, Charles A. Taylor. Nonuniform circumferential deformation of the abdominal aorta: A cross-species comparison. Submitted to the ASME 2007 Summer Bioengineering Conference (SBC2007), SBC2007-173254, 01/31/2007.
160. Rebecca Taylor, Oscar Abilez, Feng Cao, Joe Wu, Chengpei Xu, **Christopher Zarins**, Beth Pruitt. Pulsatile pressure system for cellular mechanical stimulation. Submitted to the ASME 2007 Summer Bioengineering Conference (SBC2007), SBC2007-176413, 01/31/2007.
161. Ms. Rebecca Taylor, Dr. Oscar Abilez, Dr. Feng Cao, Dr. Joe Wu, Dr. Chengpei Xu, Dr. **Christopher Zarins**, Prof. Beth Pruitt. Pulsatile Pressure System For Cellular Mechanical Stimulation", has been accepted as a POSTER presentation at the ASME 2007 Summer Bioengineering Conference.
162. Mr. Craig Goergen, Bonnie Johnson, Dr. Joan Greve, Dr. **Christopher Zarins**, Prof. Charles Taylor Nonuniform Circumferential Deformation Of The Abdominal Aorta: A Cross-Species Comparison has been accepted as a POSTER presentation at the ASME 2007 Summer Bioengineering Conference.
163. Ms. Jennifer Blundo, Dr. Oscar Abilez, Mr. Yong-Lae Park, Mr. Ali Rastegar, Dr. Feng Cao, Dr. **Christopher Zarins**, Dr. Joe Wu, Prof. Beth Pruitt. BioMEMS Platform for Electromechanical Stimulation of Cell Culture has been accepted as a POSTER presentation at the ASME 2007 Summer Bioengineering Conference.
164. Albrecht Kramer, Pierre Galvagni, Renato Mertens¹, Francisco Valdes¹, Leopoldo Marine¹, Frank Veith, **Chris Zarins**, Mohsen Bannazadeh, Daniel G. Clair, Timur P Sarac. Early Clinical Results of a Tissue (Peritoneal) Lined Stent Grafts for Superficial Femoral Artery Occlusive Disease. TCT2007 No: 302 [[Abs](#)]

2008'S

2009'S

165. Jason T, Lee, Monica M. Dua, Mediget Teshome, Marcin Maruszewski, E. John Harris, Jr., Cornelius Olcott, IV, **Christopher K. Zarins**, and Ronald L. Dalman. "Outside the IFU: Do Results Justify Aggressive EVAR Deployment in Short Angled Aortic Necks?" Abstract published for the 2009 Vascular Annual Meeting of the Society for Vascular Surgery: JVS/May Supplement 2009, page 17A.

PRESENTATIONS

1970'S

1. "Circulation in Profound Hypothermia", Resident's Research Award, Association for Academic Surgery, New Orleans, November, 1972.
2. "Prediction of Intestinal Viability", Michigan Chapter, The American College of Surgeons, Detroit, June, 1973.
3. "Hyperemia as a Measure of Viability in Revascularized Ischemic Intestine", Surgical Forum, The American College of Surgeons, Chicago, October, 1973.
4. "The Esophagogastric Junction", Collier Surgical Society, West Virginia, October, 1973.
5. "Management of Multiple Trauma", American College of Emergency Physicians, 4th Annual Scientific Assembly, Sheraton Harbor Island Hotel, San Diego, California, May 26 28, 1975.
6. "Microsphere Distribution in Revascularized Intestine", 1st World Congress for Microcirculation, Medical Sciences Building, University of Toronto, Toronto, Canada, June 16, 1975.

7. "Approach to the Traumatized Patient and Blunt Abdominal Trauma", Symposium for Emergency Physicians, UCSD, San Diego, California, August 11, 1975.
8. "Circulatory Impairment with PEEP: Etiology and Therapy", Coller Surgical Society, Hotel Del Coronado, San Diego, California, October 9, 1975.
9. "The Effect of Vascular Volume on PEEP Induced CO Depression and Wedge LA Pressure Discrepancy", Association for Academic Surgery, Minneapolis, Minnesota, November 14, 1975.
10. "The Hazards of PEEP Therapy", North American Trauma Association, Aspen, Colorado, February 19, 1976.
11. "Post Traumatic Pulmonary Insufficiency", Coller Surgical Society, Vail, Colorado, March 3, 1976.
12. "Blunt Abdominal Trauma: Penetrating Chest, Neck, and Abdominal Injuries: Pelvic and GU Trauma", Symposium for Emergency Physicians, UCSD, San Diego, California, March 22 25, 1976.
13. "The Role of Lymphatics in Preventing Hypo oncotic Pulmonary Edema", American College of Surgeons, Surgical Forum, Chicago, Illinois, October 11 15, 1976.
14. "Does Spontaneous Ventilation with IMV Protect from PEEP Induced Cardiac Output Depression?", Association for Academic Surgery, Key Biscayne, November 2 5, 1976.
15. "Colloid Osmotic Pressure and the Development of Pulmonary Edema", Chicago Surgical Society, Chicago, January 7, 1977.
16. "Plasma Oncotic Pressure and the Development of Pulmonary Edema, Artistic Approach to War Injuries", North American Trauma Association, Aspen, Colorado, March 1, 1977.
17. "Arterial Trauma", Denver General Hospital Visiting Professor, Denver, Colorado, February 4, 1978.
18. "Thromboembolic Disease", North American Trauma Association, Vail, Colorado, March 6, 1978.
19. "Femoral Bypass", Illinois Surgical Society, Surgical Procedure, Chicago, Illinois, March 13, 1978.
20. Coordinator of Frontiers of Medicine Program on Cerebrovascular Disease and Renovascular Hypertension, University of Chicago, April 12, 1978.
21. "Non traumatic Assessment of Carotid Stenosis", North American Trauma Association, Vail, Colorado, February 26, 1979.
22. "Aortic Ostial Morphology and the Localization of Periostial Atherosclerosis", Hugh Lofland Conference, Boston, Massachusetts, May 14, 1979.
23. "Gruntzig Catheter Recanalization of the Occluded Superficial Femoral Artery for Limb Salvage", Midwestern Vascular Surgical Meeting, Chicago, Illinois, September 28, 1979.
24. "Use of the Greenfield Filter in the Prevention of Pulmonary Embolization", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 15, 1979.
25. "Pathogenesis of Atherosclerosis", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 17, 1979.
26. "Non aortic Aneurysms", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 19, 1979.
27. "Effects of Coarctation on Aortic Atherosclerosis and Connective Tissue Content", 5th International Symposium on Atherosclerosis, Houston, Texas, November 6, 1979.
28. "Peripheral Vascular Disease", Emergency Room Physicians, O'Hare Holiday Inn, Chicago, Illinois, November 19, 1979.

1980'S

29. "Artery Stenosis Inhibits Regression of Diet induced Atherosclerosis", Society of University Surgeons, Houston, Texas, February 7, 1980.

30. "Limb Salvage by Transluminal Angioplasty", North American Trauma Association, Snowmass Village, Colorado, February 28, 1980.
31. "Endothelial Integrity at Aortic Ostial Flow Dividers", SEM Meeting, Chicago, Illinois, April 23, 1980.
32. "Effects of Aortic Coarctation on Aortic Composition During Atherogenesis and Regression", Hugh Lofland Conference on Arterial Wall Metabolism, Albany, New York, May 14, 1980.
33. "Vena Cava Interruption Using the Greenfield Filter", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, September 15, 1980.
34. "Pathogenesis of Atherosclerosis", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, September 17, 1980.
35. "Non aortic Arterial Aneurysms", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, September 19, 1980.
36. "Increased Cerebral Blood Flow Following External Carotid Revascularization", (DelBeccaro). Midwestern Vascular Surgical Society, Cincinnati, Ohio, September 26, 1980.
37. "Selection of Patients for Transluminal Angioplasty", Collier Surgical Society, Nags Head, North Carolina, October 16, 1980.
38. "Medical Injury and Hyperlipidemia in the Development of Aneurysms and Atherosclerotic Plaques" (Bomberger). Surgical Forum, ACS, Atlanta, Georgia, October 20, 1980.
39. "Subcritical Arterial Stenosis Enhances Distal Atherosclerosis", Resident Research Award Bomberger. Association for Academic Surgery, Birmingham, Alabama, November 5, 1980.
40. "The Role of Transluminal Angioplasty in Limb Salvage and Claudication" (Turcotte). Association for Academic Surgery, Birmingham, Alabama, November 5, 1980.
41. "Increased Flow Velocity Inhibits Atherogenesis", American Heart Association, Miami Beach, Florida, November 17, 1980.

1981'S

42. "Endothelial Injury and Atherosclerosis", North American Trauma Association, Snowmass, Colorado, March 8, 1981.
43. "Do Endothelial Injuries Produce Intimal Plaques?", International Vascular Workshop II, Obergurgl, Austria, March 22, 1981.
44. "The Inverse Relationship Between Elevated Shear Stress and Plaque Localization", VI Hugh Lofland Conference, Winston Salem, North Carolina, April 29, 1981.
45. "Flow Disturbances and Atherogenesis in the Monkey Aorta", (Giddens). ACEMB Meeting, Washington DC, April, 1981.
46. "Acute and Chronic Flow Disturbances Due to Aortic Coarctation in Monkeys" (Giddens). Vascular Research Forum, Dallas, Texas, June 9, 1981.
47. "Diagnosis of Upper Extremity Deep Venous Thrombosis Using Noninvasive Techniques" (Sottiurai). Midwestern Vascular Surgical Society, Chicago, Illinois, September 25, 1981.
48. "A Critical Evaluation of Stress Testing in the Diagnosis of Peripheral Vascular Disease," (Ouriel), Midwestern Vascular Surgical Society, Chicago, Illinois, September 25, 1981.
49. "The Influence of Flow Velocity on Endothelial Injury and Plaque Formation", Frederick A. Collier Surgical Society, Tucson, Arizona, October 10, 1981.
50. "Artery Wall Disruption by Balloon Dilatation: Quantitative Comparison of Normal Stenotic and Occluded Vessels," (Lyon), American College of Surgeons, Surgical Forum, San Francisco, California, October 14, 1981.

51. "Use of the Greenfield Filter in the Prevention of Pulmonary Embolization", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 26, 1981.
52. "Pathogenesis of Atherosclerosis", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 28, 1981.
53. "Non Aortic Arterial Aneurysms", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 30, 1981.
54. "Morphologic Alteration of Smooth Muscle Cells by Cyclic Stretching," (Sottiurai), Association for Academic Surgery, Chicago, Illinois, November 11, 1981.
55. "The Impact of Emergency Medicine on Surgical Care in the Emergency Ward", Report of the Committee on Issues of the Association for Academic Surgery, Chicago, Illinois, November 11, 1981.
56. "Carotid Plaques Localize in Regions of Low Flow Velocity and Shear Stress", American Heart Association, Dallas, Texas, November, 1981.
57. "Experimental Atherosclerosis: Differences Between Plaque Formation and Aneurysms", Northwestern Symposium on Arterial Aneurysms, Chicago, Illinois, December 10, 1981.

1982'S

58. "Effect of Aortic Coarctation on Coronary Atherosclerosis," (Zatina), Society of University Surgeons 24th Annual Residents' Conference, New York, New York, February 10, 1982.
59. "Correlation of Postmortem Arteriography with Pathology", Workshop on Quantitative Evaluation of Atherosclerosis, Silver Spring, Maryland, February 22, 1982.
60. "Atherosclerosis: The Problem of Definition", Workshop on Quantitative Evaluations of Atherosclerosis, Silver Spring, Maryland, February 22, 1982.
61. "Iatrogenic Arterial Injury Transluminal Angioplasty", North American Trauma Association, Jackson Hole, Wyoming, March 2, 1982.
62. "Prevention of Recurrent Pulmonary Embolism Using the Greenfield Vena Cava Filter", International Vascular Workshop III, Zurs am Arlberg, Austria, March, 1982.
63. "Local Arterial Response to Atherosclerosis", Visiting Professor to Mannheim University, Mannheim, Germany, March 29, 1982.
64. "Quantitating Hemodynamically Induced Modifications of Plaque Induction", Arteriosclerosis SCOR Scientific Meeting, Chicago, Illinois, May, 1982.
65. "Morphologic Changes in Plaque and Artery Walls After Balloon Dilatation", Hugh Lofland Conference on Arterial Wall Metabolism, Chicago, Illinois, May, 1982.
66. "Arterial Disruption and Remodeling Following Balloon Dilatation" Society for Vascular Surgery Annual Meeting, Boston, Massachusetts, June, 1982.
67. "Endothelial Injuries and High Shear Stress do not Predispose to Plaque Formation", Society of University Surgeons' Tripartite Meeting, Salzburg, Austria, September 10, 1982.
68. "Secondary Vascular Reconstruction Using Endarterectomized Arterial Segments", Extra anatomic and Secondary Arterial Reconstruction Symposium, London, England, September 15, 1982.
69. "Selective Infusion of Streptokinase for Arterial Thrombosis," (Rush), Sixth Annual Meeting of the Midwestern Vascular Surgical Society, Milwaukee, Wisconsin, September 25, 1982.
70. "Criteria for Anatomic Validation of Noninvasive Imaging Techniques", San Diego Symposium on Noninvasive Diagnostic Techniques in Vascular Disease, San Diego, California, October 18, 1982.
71. "Autogenous Interposition Grafts in the Microsurgical Treatment of Cerebral Ischemia," (Gewertz), Frederick A. Collier Surgical Society, Colorado Springs, Colorado, October 23, 1982.

72. "Noninvasive Detection of Intestinal Ischemia" (Rush), Association of Academic Surgeons, San Diego, California, November 10, 1982.
73. "Limb Salvage in Poor Risk Patients Using Transluminal Angioplasty" (Rush), Western Surgical Association Annual Meeting, Kansas City, Missouri, November 16, 1982.
74. "The Diagnosis and Therapy of Upper Extremity Deep Venous Thrombosis", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, November 29, 1982.
75. "Pathogenesis of Atherosclerosis", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, December 1, 1982.
76. "Morphology of Transluminal Angioplasty and the Surgeon's Viewpoint", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, December 2, 1982.
77. "Atherosclerotic Plaque Distribution and Flow Velocity Profiles in the Carotid Bifurcation", Symposium on Cerebrovascular Insufficiency, Chicago, Illinois, December 9, 1982.

1983'S

78. "Hemodynamic Factors in Carotid Bifurcation Atherosclerosis", North American Trauma Association Annual Meeting, Steamboat Springs, Colorado, February, 1983.
79. "Transluminal Angioplasty: The Surgeon's Viewpoint", Seventh Annual Vascular Symposium, Aspen, Colorado, March 11, 1983.
80. "Quantitation of Extent and Severity of Atherosclerotic Lesions in Excised Arteries" (Glagov), 3rd International Austrian Atherosclerosis Conference, Vienna, Austria, April, 1983.
81. "Hemodynamics in Atherosclerosis", The Alan P. Parker Memorial Lecture, The Bryn Mawr Hospital, Bryn Mawr, Pennsylvania, May 6, 1983.
82. "Steady vs Pulsatile Flow in the Carotid Bifurcation", Eighth Hugh Lofland Conference on Arterial Wall Metabolism, Welches, Oregon, May 27, 1983.
83. "Prevalence of Deep Venous Thrombosis in Patients with Proved Pulmonary Embolism" (Scigala), Society of Noninvasive Vascular Technology Sixth Annual Meeting, San Francisco, California, June 15, 1983.
84. "Endothelial Integrity, Plaque Localization and Hemodynamic Factors", Gordon Research Conference on Atherosclerosis, Meridian, New Hampshire, July 1, 1983.
85. "The Pathogenesis of Atherosclerosis: Hemodynamic Factors", Visiting Professor, University of Maryland, Baltimore, Maryland, September 7, 1983.
86. "Hemodynamic Effects on Plaque Localization", XIIIth World Congress of the International Union of Angiology, Rochester, Minnesota, September 13, 1983.
87. "Morphology of Percutaneous Transluminal Angioplasty", Canadian Society of Vascular Surgery, Calgary, Alberta, Canada, September 21, 1983.
88. "The Role of Medial Lamellar Architecture in the Pathogenesis of Aortic Aneurysms" (Zatina), Midwestern Vascular Surgical Society, Chicago, Illinois, September 23, 1983.
89. "Advances in Treatment of Atherosclerosis", Latvian University Symposium, Grand Rapids, Michigan, October 1, 1983.
90. "Endothelial Injury, Shear Stress and Atherosclerosis", Surgical Biology Club II, October 16, 1983.
91. "Current Concepts in Atherosclerosis", Specialty Review in Vascular Surgery, Cook County Graduate School of Medicine, Chicago, Illinois, October 31, 1983.
92. "Transluminal Angioplasty", Specialty Review in Vascular Surgery, Cook County Graduate School of Medicine, Chicago, Illinois, October 31, 1983.

93. "High Shear Stress and Turbulence Inhibit Plaque Formation", Seventeenth Annual Meeting, The Association for Academic Surgery, Syracuse, New York, November 3, 1983.
94. "How Does Balloon Angioplasty Work?", 10th Annual Montefiore Einstein Vascular Symposium, New York, New York, November 10, 1983.
95. "Arterial Wall Disruption and Remodeling Following Balloon Dilatation of Peripheral Arteries", Council on Arteriosclerosis, American Heart Association, Anaheim, California, November 13, 1983.

1984'S

96. "Increased Arterial Flow Does not Promote Atherosclerosis" (Zatina), Twenty sixth Annual University Surgical Residents' Conference, Society of University Surgeons, Chicago, Illinois, February 8, 1984.
97. "Localizing Factors in Carotid Bifurcation Atherosclerosis", Society of University Surgeons Forty fifth Annual Meeting, Chicago, Illinois, February 9, 1984.
98. "Selective Infusion of Streptokinase for Acute Arterial Occlusion", North American Trauma Association, Jackson Hole, Wyoming, February 27, 1984.
99. "Interaction of Ischemia and Mechanical Injury in Vascular Disease", (Zatina), SVS/ISCVS Vascular Research Forum, Atlanta, Georgia, June 6, 1984.
100. "Revascularization After Thrombosis of the Extracranial Vasculature: External Carotid Artery", SVS/ISCVS Annual Meeting, Atlanta, Georgia, June 9, 1984.
101. "PTA and Lower Extremity Ischemia, and the Histopathologic Changes Accompanying PTA", Michigan Chapter of the American College of Surgeons Meeting, Traverse City, Michigan, June 15, 1984.
102. "New Criteria for Prophylactic Vena Cava Filter Placement" (Alexander), Midwestern Vascular Surgical Society, Columbus, Ohio, September 22, 1984.
103. "Streptokinase for Acute Arterial Occlusion", Visiting Professor, University of Ottawa, Ottawa, Canada, September 25, 1984.
104. "Hemodynamic Factors in Atherogenesis", Visiting Professor, University of Ottawa, Ottawa, Canada, September 25, 1984.
105. "Limb Salvage and End Stage Atherosclerosis", Visiting Professor, University of Ottawa, Ottawa, Canada, September 26, 1984.
106. "Percutaneous Transluminal Angioplasty Indications, Durability and Results", Postgraduate Course: Peripheral Vascular Surgery, American College of Surgeons, San Francisco, California, October 23, 1984.
107. "The Diagnosis of Pulmonary Embolism", Northwestern Vascular Symposium, Chicago, Illinois, December 7, 1984.

1985'S

108. "Etiology of Aneurysms Effect of Natural History on Management", Eighth Annual Vascular Surgery Symposium, Denver, Colorado, February 5, 1985.
109. "Management of Peripheral Arterial Aneurysms Single and Multiple", Eighth Annual Vascular Surgery Symposium, Denver, Colorado, February 5, 1985.
110. "Role of Adjunctive Procedures: Profundaplasty, Trifurcaplasty, Dilation of Inflow Lesions, Distal AV Fistulas, etc.", Eighth Annual Vascular Surgery Symposium, Denver, Colorado, February 6, 1985.
111. "'Spontaneous' Dissection of the Extracranial Vertebral Arteries" (Caplan), Tenth International Joint Conference on Stroke and Cerebral Circulation, American Heart Association, New Orleans, Louisiana, February 22, 1985.
112. "Efficacy of Isolated Profundaplasty" (Graham), 42nd Annual Meeting of the Central Surgical Association, Montreal, Quebec, Canada, March 15, 1985.

113. "Hemodynamic Basis for the Carotid Plaque", The 13th Annual Symposium on Vascular Surgery, The Society for Clinical Vascular Surgery, Rancho Mirage, California, April 10, 1985.
114. "Rationale for External Carotid Endarterectomy", The 13th Annual Symposium on Vascular Surgery, The Society for Clinical Vascular Surgery, Rancho Mirage, California, April 10, 1985.
115. "Simultaneously Occurring Carotid and Coronary Occlusive Disease", The 13th Annual Symposium on Vascular Surgery, The Society for Clinical Vascular Surgery, Rancho Mirage, California, April 10, 1985.
116. "Vascular Pathology and Lesion Regression Animal and Human Research", Ciba Geigy Atherosclerosis Advisory Board Meeting, San Diego, California, May 10, 1985.
117. "Effect of Increased Arterial Flow on Plaque Formation", The Tenth Annual Hugh Lofland Conference, Boston, Massachusetts, May 17, 1985.
118. "Pathogenesis and Hemodynamics of Carotid Bifurcation Disease", The University of Toronto Vascular Surgery Refresher Course "Advances and Controversies in Vascular Surgery", Toronto, Ontario, Canada, May 28, 1985.
119. "IVC Interruption", The University of Toronto Vascular Surgery Refresher Course "Advances and Controversies in Vascular Surgery", Toronto, Ontario, Canada, May 28, 1985.
120. "Models for Aneurysm Induction by Lipid and Mechanical Stimuli", Yale University Symposium on Aneurysms, New Haven, Connecticut, May 30, 1985.
121. "Peripheral Artery Aneurysms", Yale University Symposium on Aneurysms, New Haven, Connecticut, May 31, 1985.
122. "Effects of Diabetes on the Vascular System", Eighth Annual Society of Noninvasive Vascular Technology Meeting, Baltimore, Maryland, June 5, 1985.
123. "Quantitating the Risk of Cerebral Ischemia During Carotid Occlusion", (Graham), Vascular Research Forum, Baltimore, Maryland, June 5, 1985.
124. "Shear Stress Regulation of Lumen Diameter", Vascular Surgery Biology Club, Baltimore, Maryland, June 6, 1985.
125. "Increased Collagenase Activity in Early Aneurysmal Dilatation", 33rd Annual Meeting, The North American Chapter, The International Society for Cardiovascular Surgery, Baltimore, Maryland, June 7, 1985.
126. "Shear Stress Regulation of Artery Lumen Diameter", Ninth Annual Meeting, Midwestern Vascular Surgical Society, Chicago, Illinois, September 7, 1985.
127. "Hemodynamics in Atherogenesis", 3rd Annual UCLA Symposium: A Comprehensive Review Of Vascular Surgery, Santa Monica, California, September 30, 1985.
128. "Current Concepts in Atherosclerosis and Hyperlipidemia", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 7, 1985.
129. "Transluminal Angioplasty", Advanced Peripheral Vascular Surgery Postgraduate Course, Cook County Graduate School of Medicine, Chicago, Illinois, October 7, 1985.
130. "Atherogenesis", Cleveland Vascular Surgical Society, Cleveland, Ohio, October 23, 1985.
131. "Clinical Significance of Artery Enlargement in Quantitating Atherosclerotic Lesions", American Heart Association, Committee on Lesions, Postgraduate Seminar, Washington, DC, November 10, 1985.
132. "New Concepts in the Pathology and Evolution of Atherosclerosis and their Clinical Importance to the Vascular Radiologist and Surgeon", 12th Montefiore Einstein Vascular Symposium, New York, New York, November 14, 1985.
133. "Quantitating the Risk of Cerebral Ischemia During Carotid Occlusion" (Gewertz), Western Surgical Association, Rochester, Minnesota, November 20, 1985.
134. "Adaptive Enlargement of Arteries in Atherosclerosis", Visiting Professor, Mayo Clinic, Rochester, Minnesota, December 9, 1985.

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135. "Morphologic and Hemodynamic Factors in Atherogenesis", Visiting Professor, Loyola University Medical Center, Maywood, Illinois, January 24, 1986.
136. "Arterial Responses to Injury and Flow Alterations," Visiting Professor, Tulane University, New Orleans, Louisiana, January 27, 1986.
137. "Transluminal Angioplasty", Vascular Symposium, Temple University, Philadelphia, Pennsylvania, February 12, 1986.
138. "Abdominal Aortic Aneurysm", Visiting Professor, South Chicago Community Hospital, South Chicago, Illinois, March 1, 1986.
139. "Fitness Flow & Atherogenesis", North American Trauma Association, Sun Valley, Idaho, March 13, 1986.
140. "Atherosclerosis", Visiting Professor, Chicago Medical School, Chicago, Illinois, March 22, 1986.
141. "Blood Flow, Plaque Formation and Arterial Size", Atherosclerosis SCOR Investigators Meeting, Oakland, California, April 18, 1986.
142. "Adaptive Enlargement of Arteries in Atherosclerosis", 11th Annual Hugh Lofland Conference, Bolton Landing, New York, May 16, 1986.
143. "Plaque Progression and Regression", NHLBI Workshop, Bethesda, Maryland, August 8, 1986.
144. "Hemodynamic and Artery Wall Biomechanics in Carotid and Coronary Atherosclerotic Plaque Formation," Trends in Human Biomechanics Research and Applications in Medicine and Surgery, Riga, Latvia, September 8 19, 1986.
145. "Transesophageal Echocardiographic Monitoring of Myocardial Ischemia During Vascular Surgery," (Gewertz) Midwestern Vascular Surgical Society, Indianapolis, Indiana, September 19, 1986.
146. "What We Find in Diseased Patients Which Provides Insight into the Hemodynamics of Atherosclerosis," American Heart Association Workshop The Evolution of the Human Atherosclerotic Plaque, Rockville, Maryland, September 21, 1986.
147. "Histologic and Functional Basis for Ameliorating Plaques by PTA," American Heart Association Workshop The Evolution of the Human Atherosclerotic Plaque, Rockville, Maryland, September 22, 1986.
148. "Hemodynamics in Atherogenesis," Fourth Annual UCLA Symposium, Los Angeles, California, October 6, 1986.
149. "Improved Intraoperative Monitoring Decreases Risk of Thoracoabdominal Aneurysm Repair" (Gewertz) Coller Surgical Society, Lexington, Kentucky, October 16, 1986.
150. "Adaptation of Arteries to Enlarging Atherosclerotic Plaques," Surgical Biology Club II, New Orleans, Louisiana, October 19, 1986.
151. "Oscillating Conditions in Carotid and Coronary Atherosclerosis," The Society for Clinical Surgeons, Chicago, Illinois, November 7, 1986.
152. "New Concepts in the Pathogenesis of Arterial Aneurysms," Montefiore Einstein Vascular Symposium, New York, New York, November 15, 1986.
153. "Plaque Pathogenesis and Artery Wall Responses," Montefiore Hospital Basic Science Seminar, New York, New York, December 3, 1986.

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154. "Hemodynamic Factors in Atherogenesis," Grand Rounds The University of Utah, Salt Lake City, Utah, January 14, 1987.
155. "The Contribution of Valves to Saphenous Vein Graft Resistance," (Ku) President's Award Paper, The Southern Association for Vascular Surgery, Scottsdale, Arizona, January 29, 1987.

156. "Intraoperative Transesophageal Echocardiography in Thoracoabdominal Aneurysm Repair," North American Trauma Association, Jackson Hole, Wyoming, February 28 - March 7, 1987.
157. "What is the Optimum Artery and Graft Diameter," International Vascular Workshop held in St. Christoph, Austria, March 14-21, 1987.
158. "The Role of Shear Stress in Plaque Pathogenesis and Artery Wall Responses" and "Intraoperative Monitoring During Carotid Endarterectomy," Visiting Professor, University of North Carolina, Chapel Hill, North Carolina, April 22-23, 1987.
159. "Intraoperative Monitoring During Carotid Endarterectomy," Visiting Professor, University of California, San Diego, California, May 19-21, 1987.
160. "Hemodynamic Factors in Atherosclerotic Plaque Pathogenesis," San Diego Surgical Society, San Diego, California, May 20, 1987.
161. "Adaptive Enlargement of Arteries in Response to Enlarging Intimal Plaque," SVS/ISCVS Joint Annual Meeting, Toronto, Ontario, June 8, 1987.
162. "Hemodynamics in Atherogenesis," Fifth Annual UCLA Symposium, Los Angeles, California, September 27, 1987.
163. "Adaptive Responses of the Plaque and Artery Wall to Hemodynamic Factors," International Symposium on the Role of Blood Flow in Atherogenesis, Osaka, Japan, October 3, 1987.
164. "Preventing and Altering the Atherosclerotic Process," American College of Surgeons, San Francisco, California, October 14, 1987.
165. "Pathogenesis of Carotid and Coronary Atherosclerosis," Montreal Vascular Surgical Society, Montreal, Quebec, November 4, 1987.
166. "Intraoperative Management of Carotid Endarterectomy," Visiting Professor, McGill University, Montreal, Quebec, November 5, 1987.
167. "New Concepts in the Pathogenesis of Atherosclerosis and Their Clinical Relevance," Montefiore Einstein Vascular Symposium, New York, New York, November 14, 1987.

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168. "Intraoperative Monitoring for Carotid Endarterectomy", "Pathogenesis of Carotid and Coronary Atherosclerosis", and "Transluminal Angioplasty for Limb Salvage," Ochsner Clinic Seminar, New Orleans, Louisiana, February 11-13, 1988.
169. "Adaptive Responses of Arteries" and "What are the Determinants of Plaque Instability and its Consequences?" SVS/ISCVS Research Seminar, Bethesda, Maryland, February 19-20, 1988.
170. "Sequential and Composite Grafts," Boston Vascular Fellows Meeting, Boston, Massachusetts, March 28-29, 1988.
171. "Thoracofemoral Bypass," American College of Surgeons, San Antonio, Texas, April 12-13, 1988.
172. "Evaluation of the Patient with Venous Reflux," Third Annual Symposium and Workshop on Venous Ultrasound, Chicago, Illinois, May 5-6, 1988.
173. "Retroperitoneal Aortic Reconstruction," "Arteriosclerosis," and "Management of TIAs in Patients with CT Defects," Northern Californian Vascular Society, San Mateo, California, May 20, 1988.
174. "Thoracofemoral Bypass Techniques and Indications," Northern California American College of Surgeons, San Francisco, California, May 21, 1988.
175. "Percutaneous Transluminal Angioplasty Versus Surgery for Limb Threatening Ischemia," (Hans H. Moosa) Midwestern Vascular Surgical Society, Rochester, Minnesota, September 23, 1988.
176. "Hemodynamics in Atherogenesis," Sixth Annual UCLA Symposium, Santa Monica, California, October 3, 1988.

177. "Quantitative Inverse Correlation of Wall Shear Stress with Experimental Intimal Thickening," (Hisham S. Bassiouny) Surgical Forum, American College of Surgeons, Chicago, Illinois, October 25, 1988.
178. "Importance of Heart Rate as a Risk Factor in Vascular Surgery Patients," Montefiore-Einstein Vascular Symposium, New York, New York, November 19, 1988.
179. "Hemodynamic Factors and Atherosclerotic Change in the Aorta," Northwestern Vascular Symposium, Chicago, Illinois, December 9, 1988.

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180. "Serum Cholesterol Reduction and Cardiovascular Disease," North American Trauma Association, Jackson Hole, Wyoming, March 2, 1989.
181. "Intraoperative Monitoring of Carotid Endarterectomy," and "Risk Factor Modifications in Atherosclerosis," Visiting Professor at the University of Colorado, Winter Park, Colorado, March 6 and 7, 1989.
182. "Adaptive Enlargement of Atherosclerotic Arteries," Visiting Professor at Rush-Presbyterian-St. Luke's Hospital, Chicago, Illinois, April 1, 1989.
183. "Pathogenesis of Carotid and Coronary Atherosclerosis," Visiting Professor at the University of Rochester, Rochester, New York, April 8, 1989.
184. "Flow Patterns in the Carotid Artery and Abdominal Aorta and Their Relation to Plaque Formation," International Vascular Workshop, Obergurgl, Austria, April 12, 1989.
185. "Histopathology of Plaque Dilatation and Remodeling Following Balloon Angioplasty," Endovascular Surgery Symposium, Beverly Hills, California, May 7, 1989.
186. "Carotid Endarterectomy in the Treatment of Cerebrovascular Ischemia," Latvian World Congress in Medicine, Riga, Latvia, June 22, 1989.
187. "Risk Factor Control in the Treatment of Atherosclerosis," Latvian World Congress in Medicine, Riga, Latvia, June 26, 1989.
188. "Hypertension Results in Progression of Coronary Atherosclerosis Despite Reduction in Serum Cholesterol," XIX World Congress of the International Society for Cardiovascular Surgery, Toronto, Ontario, September 7, 1989. (C.P. Xu)
189. "Risk Factor Modification and Atherosclerosis," Atlanta Vascular Society, Atlanta, Georgia, September 11, 1989.
190. "Hemodynamics in Atherogenesis," UCLA Symposium, Santa Monica, California, October 2, 1989.
191. "Artery Wall Restructuring in Response to Increased Flow," (H. Masuda) Surgical Forum, American College of Surgeons, Atlanta, Georgia, October 16, 1989.
192. "Fibrinopeptide B and Intimal Thickening," (Mark Kadowaki) American Heart Association, New Orleans, Louisiana, November 14, 1989.
193. "Computer Generated Image Analysis of Carotid Atherosclerosis," (Mark Kadowaki) Poster, American Heart Association, New Orleans, Louisiana, November 14, 1989.
194. "Why do Arteries Enlarge Proximal to an AV Fistula and with Atherosclerosis: Is the Process Reversible?" Montefiore-Einstein Vascular Symposium, New York, New York, November 18, 1989.
195. "Territorial Encroachment on the Field of Vascular Surgery," Michigan Vascular Society, Southfield, Michigan, November 30, 1989.

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196. "Risk Factor Control and Lifestyle in Health and Disease," Visiting Professor at the Riga Medical Institute, Riga, Latvia, January 13-20, 1990.

197. "Pathogenesis Diagnosis and Treatment of Abdominal Aortic Aneurysms," Visiting Professor at the Riga Medical Institute, Riga, Latvia, January 13-20, 1990.
198. "Diagnosis and Treatment of Peripheral Vascular Occlusive Disease," Visiting Professor at the Riga Medical Institute, Riga, Latvia, January 13-20, 1990.
199. "Treatment of Extra Cranial Occlusive Disease," Visiting Professor at the Riga Medical Institute, Riga, Latvia, January 13-20, 1990.
200. "Aneurysm Formation in Diet Induced Atherosclerosis," Southern Association for Vascular Surgery, Acapulco, Mexico, January 25, 1990.
201. "Histopathology of Plaque Dilatation and Remodeling Following Balloon Angioplasty," 2nd Annual UCLA Program on Endovascular Surgery, Los Angeles, California, May 15, 1990.
202. "Laboratory Research and the Practicing Vascular Surgeon: An Oxymoron?" ISCVS/SVS Joint Annual Meeting-SVS Special Day Program, Los Angeles, California, June 3, 1990.
203. "How Editors and Program Directors Evaluate Manuscripts," Society for University Surgeons, Fundamentals of Surgical Research Meeting, Chicago, July 16, 1990.
204. "Cryopreserved Saphenous Vein Allogenic Homografts: An Alternative Conduit in Lower Extremity Arterial Reconstruction in Infected Fields." (Roy M. Fujitani), Midwestern Vascular Surgical Society, Toledo, Ohio, September 14-15, 1990.
205. "Prosthetic Grafts in Aortic Position." Visiting Professor, University of Dusseldorf, Germany, September 18, 1990.
206. "Etiologic Mechanisms in Atherosclerosis," Southern California Vascular Surgical Society, Newport Beach, California, September 21-23, 1990.
207. "Hemodynamics in Atherogenesis," UCLA Course, Santa Monica, California, September 23-28, 1990.
208. "Aneurysm Formation and Regression of Atherosclerotic Plaques," Collier Surgical Society, Napa Valley, California, October 3-6, 1990.
209. "The Role of Hypercholesterolemia in Fibrinopeptide B Induced Atherosclerotic Lesion Formation," (M.H. Kadowaki), Collier Surgical Society, Napa Valley, California, October 3-6, 1990.
210. "Atherosclerosis & Aortic Aneurysm Formation," Surgery Biology Club II, San Francisco, California, October 7, 1990.
211. "Mechanism of Superficial Femoral Artery Adductor Canal Stenosis," (John Blair), American College of Surgeons 1990 Surgical Forum, San Francisco, California, October 10, 1990.
212. "Exercise Flow Conditions Eliminate Stasis at Vascular Graft Anastomoses," 3rd Mid-Atlantic Conference on Biofluid Mechanics, held in conjunction with the Fall Annual Meeting of The Biomedical Engineering Society, Virginia Polytechnic Institute and State University, October 21-24, 1990.
213. "Are Atherosclerotic Lesions Reversible: Do They Play a Role in Aneurysm Formation?" Montefiore-Einstein Vascular Symposium, New York, November 16-18, 1990.
214. "Hypercholesterolemia and Fibrinopeptide B Initiate Early Atherosclerotic Lesion Formation," (Mark Kadowaki), Association for Academic Surgery, Houston, Texas, November 16, 1990.
215. "Vascular Surgery as a Specialty," Visiting Professor, Baltic Society of Thoracic and Cardiovascular Surgery, Riga Medical Academy, Riga, Latvia, December 10-12, 1990.
216. "Percutaneous Transluminal Angioplasty vs. Surgery for Limb Threatening Ischemia," Visiting Professor, Baltic Society of Thoracic and Cardiovascular Surgery, Riga Medical Academy, Riga, Latvia, December 10-12, 1990.

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217. "Postoperative Vasospasm After Antegrade Mesenteric Revascularization: A Report of Three Cases," Southern Association of Vascular Surgery, Rancho Mirage, California, January 23-26, 1991.

218. "Relationship Between Anastomotic Hemodynamics and Intimal Thickening," Research Initiatives in Vascular Disease, Bethesda, Maryland, February 21, 1991.
219. "Technical Challenges: When to Use Regional Anesthesia, Shunt, Patch, etc," The Rocky Mountain Vascular Disease Symposium, Steamboat Springs, Colorado, March 25, 1991.
220. "Extraperitoneal vs. Direct Approach; When to Use Which?" The Rocky Mountain Vascular Disease Symposium, Steamboat Springs, Colorado, March 27, 1991.
221. "Surgical Approach to the Acutely Threatened Limb," The Rocky Mountain Vascular Disease Symposium, Steamboat Springs, Colorado, March 28, 1991.
222. "Factors Regulating Occurrence and Growth of Arteriosclerotic Lesions", Visiting Professor, Distinguished Professor Lecture Series, University of Oregon, March 30, 1991.
223. "Pathogenesis of Aneurysms Formation," Visiting Professor and Norman Rosenberg Lecturer, Robert Wood Johnson Medical School, New Brunswick, New Jersey, April 9, 1991.
224. "Role and Limitations of Axillofemoral Bypass," Annual Spring Meeting of the American College of Surgeons, New York City, April 16, 1991.
225. "Pathogenesis of Aortic Disease," University of Tennessee's Vascular Symposium, Knoxville, Tennessee, April 25, 1991.
226. "Cadaver Grafts," University of Tennessee's Vascular Symposium, Knoxville, Tennessee, April 25, 1991.
227. "How Do Aortic Aneurysms Form?" Foundation Visitor, Royal Australasian College of Surgeons, Sydney, Australia, May 7, 1991.
228. "Adapting to New Technology," Foundation Visitor, Royal Australasian College of Surgeons, Sydney, Australia, May 7, 1991.
229. "Changing Concepts in Pathogenesis of Arterial Disease," Foundation Visitor, Royal Australasian College of Surgeons, Sydney, Australia, May 7, 1991.
230. "Hemodynamic Influences in Plaque Biopathology," ISCVS/SVS 1991 Annual Meeting, Boston, Massachusetts, June 1, 1991.
231. "Aneurysmal Enlargement of the Aorta During Regression of Experimental Atherosclerosis," ISCVS/SVS 1991 Annual Meeting, Boston, Massachusetts, June 3, 1991.
232. "Hemodynamic Stress and Experimental Aortoiliac Atherosclerosis," (Hisham Bassiouny) Midwestern Vascular Surgical Society Annual Meeting, Chicago, Illinois, September 20, 1991.
233. "Adductor Canal Stenosis of the Superficial Femoral Artery - A Possible Mechanism," (Linda Hands), Midwestern Vascular Surgical Society Annual Meeting, Chicago, Illinois, September 21, 1991.
234. "Hemodynamics in Atherogenesis," UCLA Symposium, Santa Monica, California, October 7, 1991.
235. "Why do Arteriosclerotic Arteries Dilate or Fail to Dilate?" 18th Annual Montefiore-Einstein Vascular Symposium, New York, New York, November 24, 1991.
236. "Measurement of Wall Shear in an End to Side Vascular Anastomosis Model: Correlation With Experimental Intimal Thickening," (Hisham Bassiouny) Cardiovascular Science and Technology Conference, Bethesda, Maryland, December 3, 1991.
237. "Atheroma Imaging with Radiolabeled Plasma Lipoproteins," (Rick V. Hay) Cardiovascular Science and Technology Conference, Bethesda, Maryland, December 3, 1991.
238. "Analysis of Computer Generated Images of Human Carotid Artery Bifurcations: Geometry Influences Atherosclerotic Lesion Formation," (Mark H. Kadowaki) Cardiovascular Science and Technology Conference, Bethesda, Maryland, December 3, 1991.
239. "Risk Factor Control in Atherosclerosis," Visiting Professor, Lexington Surgical Society, Lexington, Kentucky, December 5, 1991.
240. "Hemodynamic Factors in Plaque Localization," Visiting Professor, University of Kentucky Research Conference, Lexington, Kentucky, December 6, 1991.

241. "Carotid Endarterectomy," Visiting Professor, University of Kentucky Grand Rounds, Lexington, Kentucky, December 7, 1991.

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242. "Carotid Endarterectomy," Visiting Professor, University of Kansas Medical Center, Kansas City, Kansas, January 6, 1992.
243. "Pathogenesis of Atherosclerosis," Visiting Professor, University of Kansas Grand Rounds, Kansas City, Kansas, January 7, 1992
244. "Risk Factor Control in Atherosclerosis," Visiting Professor, St. Louis Vascular Society, St. Louis, Missouri, January 10, 1992.
245. "Carotid Endarterectomy," Visiting Professor, Washington University, St. Louis, Missouri, January 11, 1992.
246. "Atherosclerotic Plaque", Visiting Professor, New York Basic Science Course, New York, New York. March 10, 1992.
247. "Management of Carotid Disease Complicated by Additional Lesions, in Series or Parallel", "Atherosclerotic Occlusive Disease of the Aorta and its Major Branches", "Modifying Techniques to Deal with Complicating Pathology", The Rocky Mountain Vascular Disease Symposium, Beaver Creek, Colorado, March 15-20, 1992.
248. "Medical assistance to Latvia", Symposium on International Assistance Programs in Latvia. Chicago, Illinois. April 4, 1992.
249. "Regression of Atherosclerosis and Aneurysm Formation", 25th Annual Hugh Lofland Conference on Arterial Wall Metabolism, Boston, Massachusetts, May 13-16, 1992.
250. "Vascular Medicine Program: A Surgeon's View", Critical Issues Forum, ISCVS/SVS Annual Meeting, Chicago, Illinois, June 7, 1992.
251. "Regression of Atherosclerosis and Aneurysm Formation", Vascular Biology Club, ISCVS/SVS Annual Meeting, Chicago, Illinois, June 6-10, 1992.
252. "Atherosclerotic Enlargement of the Human Abdominal Aorta", Midwestern Vascular Surgical Society 16th Annual Meeting, Cleveland, Ohio, September 11, 1992.
253. "Induction and Composition of Intimal Thickening and Atherosclerosis", 16th World Congress of the International Union of Angiology" Paris, France, Sept. 13-18, 1992.
254. "Heart Rate and Experimental Carotid Atherosclerosis", ACS Surgical Forum, 78th Clinical Congress. New Orleans, Louisiana, October 11-16, 1992.
255. "New Concepts in the Pathogenesis of Aortic Aneurysm: Is Regression of Atherosclerotic Plaque a Factor?" Montefiore-Einstein Vascular Symposium, New York, November, 1992.

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256. "Plaque regression and aneurysm formation", Portland Vascular Society, Portland, Oregon, Jan. 5, 1993.
257. "Pathogenesis of Aortic Aneurysms", Southern Association for Vascular Surgery, Ft. Lauderdale, Florida, January 28, 1993.
258. "Upper Extreme Occlusive Disease", Medical Education Collaborative, Park City, Utah, Feb. 19, 1993.
259. "Matrix Content of Experimental Aortic Plaques in Relation to Location, Lesion Size and Blood Pressure", 26th Hugh Lofland Conference on Arterial Wall Metabolism, Winston-Salem, North Carolina, May 7, 1993.
260. "Hemodynamic Factors in Plaque Localization and Artery Wall Adaptation", Symposium: Hemodynamics and Atherosclerosis, Stanford University, July 28, 1993.

261. "Atherosclerosis & Atherogenesis", Imperial College of Science, Computers in Cardiology, London, England, Sept. 6, 1993.
262. "Aneurysmal and Occlusive Atherosclerosis of the Human Abdominal Aorta", Midwestern Vascular Surgical Society 17th Annual Meeting, Chicago, Illinois, September 10, 1993.
263. "Pathogenesis of Aortic Aneurysm: Is Regression of Atherosclerotic Plaque a Major Factor and a Reason not to Lower Cholesterol", Einstein-Montefiore Medical Center, New York, New York, Nov. 21, 1993.
264. "Biomechanical Factors in Atherosclerosis", Palo Alto Medical Foundation, Palo Alto, California, Nov. 30, 1993.
265. "Atherosclerotic Process and Aneurysm Formation", Northwestern University, Symposium for Aneurysm, Chicago, Illinois, Dec. 9, 1993.

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266. "Marfan Syndrome: The Spectrum of Aortic Aneurysms: Insight from Non-Marfan Aortic Disease", New Perspectives on the Marfan Syndrome: An Anniversary Celebration, Stanford, California, Jan. 8, 1994.
267. "Prevention of Aneurysm Ruptures", North American Trauma Association 19th Annual Meeting, Denver, Colorado, January 18, 1994.
268. "Hemodynamics in Atherosclerosis", Stanford Univ. Engineering, School Advisory, Stanford, California, Feb. 3, 1994.
269. "Carotid Endarterectomy", Vascular Medicine Symposium, Stanford University, Stanford, California, Feb. 26, 1994.
270. "Hemodynamic Modulation of Atherosclerotic Vascular Disease", The Ames Director's Colloquium, NASA, Moffett Field, California, March 10, 1994.
271. "Hemodynamic Manipulation and Animal Models of Atherogenesis", Research Initiatives in Vascular Disease, Bethesda, Maryland, March 24, 1994.
272. "Diagnosis and Treatment of Aortic Aneurysms". San Joaquin General Hospital, Stockton, California, April 20, 1994.
273. "Hemodynamic Factors in Carotid Atherosclerosis", Stroke Conference, Stanford University, Stanford, California, April 25, 1994.
274. "Hemodynamic Factors in Vascular Disease - Does Blood Flow Affect Your Health?" Lockheed Corporation, Palo Alto, California, April 28, 1994.
275. "Diagnosis and Treatment of Aortic Aneurysms", Salinas Valley Memorial Hospital, Salinas, California, May 3, 1994.
276. "Atherosclerosis and Aortic Aneurysms", Community Health Education Project (The Health Library), Stanford University, Stanford, California, May 10, 1994.
277. "Pathogenesis of Aortic Aneurysms", 1994 Michael E. DeBakey International Surgical Society, Houston, Texas, May 20, 1994.
278. "Unified Multispecialty Approach: Is it a Viable Response to New Technology as Applied to Vascular Patients", Critical Issues Forum ISCVS/SVS, Seattle, Washington, June 3-8, 1994.
279. "Aortic Aneurysms" and "Carotid Endarterectomy: Medical vs. Surgical Therapy", Stanford Asia Cardiovascular Symposium, Hong Kong, China, September 27, 1994.
280. "Hemodynamics in Atherogenesis", UCLA 12th Annual Symposium, Santa Monica, California, October 3-7, 1994.
281. "Newer Imaging Techniques and Their Role in Aortic Aneurysm Surgery", Post-Graduate Course ACS, Chicago, Illinois, October 9-14, 1994.

282. "The Pathogenesis of Aneurysms: What we know", and "Stent/Grafts and Vascular Surgeons: Do We Need Both?" Vascular Disease 1994: Diagnosis and Treatment, Monterey, California, October 26-30, 1994.
283. "Surgical Options for Complex Aortoiliac Occlusive Disease", The 1994 Symposium on Current Issues and New Techniques in Interventional Radiology, New York, New York, November 17-18, 1994.
284. "Newer Imaging Techniques and Their Role in Aortic Aneurysm Surgery" 21st Annual Montefiore-Einstein Vascular Symposium, New York, New York, November 17-20, 1994.
285. "Carotid Artery Disease: Medical vs. Surgical Management", Community Hospital of the Monterey Peninsula, Monterey, California, November 30, 1994.

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286. "Carotid Artery Disease: Medical vs. Surgical Management", Surgery Grand Rounds, University of Utah, Department of Surgery, Salt Lake City, Utah, January 11, 1995.
287. "Aortic Disease" (Clinical Correlation of Atherosclerosis) AHA Scientific Conference, Lake Buena Vista, Florida, January 19-21, 1995.
288. "Carotid Artery Disease: Medical vs. Surgical Treatment", Philippine Heart Center, Manila, Philippines, February 10, 1995.
289. "Adaptation to Atherosclerosis: Man vs. Animal" 1995 Research Initiatives, Bethesda, Maryland, March 2-3, 1995.
290. "Treatment of Carotid Artery Disease - Medical vs. Surgical", San Jose Surgical Society, San Jose, California, March 9, 1995.
291. Endovascular Interventional Techniques "Hands On" Workshop. Co-director, Stanford, California, March 30-31, 1995.
292. "Atherosclerosis and Artery Wall Pathology - Relevance to Endovascular Techniques", Endovascular Interventional Techniques "Hands On" Workshop, Stanford, California, March 30-31, 1995.
293. "Impact of Endovascular Technology on the Practice of Vascular Surgery", Endovascular Interventional Techniques "Hands On" Workshop, Stanford, California, March 30-31, 1995.
294. "Spiral CT and CT Angiography: What Additional Information Do They Supply?", Post-Graduate Course ACS, Boston, Massachusetts, April 30-May 3, 1995.
295. "Carotid Endarterectomy: Medical Versus Surgical Management", Grand Rounds, Robert C. Byrd Health Sciences Center of West Virginia University, Charleston, West Virginia, May 20, 1995.
296. "Diagnosis and Management of Ischemia in the Diabetic with a Lower Extremity Ulcer", R. Dalman and C. Zarins, Infectious Diseases Grand Rounds, Stanford University Medical Center, Stanford, California, June 1, 1995.
297. "Asymptomatic Carotid Stenosis", Surgery Grand Rounds, Stanford University Medical Center, Stanford, California, June 3, 1995.
298. "Fluid Dynamics and Vascular Disease", NASA-ASEE-Stanford Seminar, Stanford, California, July 20, 1995.
299. "Cost Effectiveness of Carotid Endarterectomy in Symptomatic and Asymptomatic Patients", Frontiers in Vascular Disease 1995, Monterey, California, Aug. 31-Sept. 3, 1995.
300. "Atherosclerosis from a Surgeon's Point of View" and "Vascular Emergencies in the Elderly", Vascular Update '95, Fresno, California, Sept. 23, 1995.
301. "Hemodynamics in Atherogenesis", 13th Annual UCLA Symposium, Los Angeles, California, Oct. 9-13, 1995.
302. "Atherosclerosis and Aortic Aneurysm Pathogenesis", Grand Rounds, The New York Hospital-Cornell Medical Center, New York, New York, October 18, 1995.

303. "Acute Carotid and Visceral Arterial Occlusion", 81st Clinical Congress of the ACS Mtg., New Orleans, Louisiana, October 22-27, 1995.
304. "Newer Imaging Techniques and Their Role in Aortic Surgery and Assessing Treatment Methods", 22nd Annual Symposium on Current Critical Problems, New Horizons and Techniques in Vascular and Endovascular Surgery, Einstein-Montefiore Medical Center, New York, New York, November 16-19, 1995.
305. "Aortic Aneurysms" Grand Rounds, Emory University School of Medicine, Atlanta, Georgia, November 30, 1995.
306. "Atherosclerosis, Arterial Wall Pathology and Endovascular Grafting", 1995 Progress in Angioscopy, Endovascular Grafting and Interventional Techniques, Boston, Massachusetts, December 4-6, 1995.
307. "Blood Flow and Your Health", Bing Luncheon, Los Angeles, California, December 6, 1995.

1996'S

308. "Atherosclerotic Process and Aortic Aneurysm Formation", Grand Rounds, California Pacific Medical Center, San Francisco, California, January 10, 1996.
309. "Hemodynamic Influences of Atherosclerosis: The Importance of Exercise", "Pathogenesis of Abdominal Aortic Aneurysm", "New Imaging Techniques in Vascular Surgery: Spiral CT Scan and MRA" and "Cost Effectiveness of Carotid Endarterectomy", Postgraduate Course - UC, Davis, Sacramento, California, January 12-13, 1996.
310. "Carotid Endarterectomy: The Gold Standard", International Congress IX on Endovascular Interventions, Scottsdale, Arizona, February 11-15, 1996.
311. "A Primate Model of Aortic Aneurysm: Regression of Established Atherosclerotic Lesions", New York Academy of Sciences Conference, New York, New York, March 7-9, 1996.
312. "Advances in the Treatment of Aortic Aneurysms", First Annual Combined Surgical Symposium, Northern and Southern California Kaiser Permanente Group, Monterey, California, March 21-23, 1996.
313. Endovascular Interventional Techniques "Hands-On" Workshop, Co-director, Stanford, California, April 11-12, 1996.
314. "Surgery for Carotid Stenosis: The Gold Standard", Endovascular Interventional Technology "Hands-On" Workshop, Stanford, California, April 11-12, 1996.
315. "The Management of Carotid Disease: New Innovations and Standard Approaches", "New Concepts in the Pathogenesis and Treatment of Aortic Aneurysms" and "Hemodynamics and Atherogenesis", Grand Rounds, Cedars-Sinai Medical Center, Los Angeles, California, April 29, 1996.
316. "Treatment and Needs for Treatment of Peripheral Vascular Occlusive Disease", VIVUS, Inc., Menlo Park, California, April 30, 1996.
317. "Stent Grafts and the Treatment of Aortic Aneurysms", The Eighteenth Annual Northern California Vascular Society Symposium, San Francisco, California, May 10, 1996.
318. "Aortic Aneurysm Diagnosis and Treatment" and "Is there a Role for Angioplasty? Selection of Patients for Carotid Endarterectomy", International Symposium New Techniques in Cardiology, Cardiovascular Surgery and Interventional Radiology, Riga, Latvia, June 27-28, 1996.
319. "Endovascular Stent Graft Repair of Thoracic Aortic Aneurysms", International Meeting on Vascular Imaging and Intervention, Nuremberg, Germany, July 4-7, 1996.
320. "Pathogenesis and Treatment of Aortic Aneurysms", Kaiser Hospital Grand Rounds, Oakland, California, September 5, 1996.
321. "Stent Graft Repair of Aortic Aneurysms" Surgery Grand Rounds, Stanford University Medical Center, Stanford, California, September 7, 1996.
322. "Carotid Artery Disease: To Stent or Not to Stent?", Stanford Asia Cardiovascular Symposium, Manila, Philippines, October 18-19, 1996.

323. "Carotid Endarterectomy - The Gold Standard", Treatment of Extracranial Bifurcation Carotid Artery Obliterative Disease: Surgical, Endovascular, Ethical and Legal Viewpoints, New Orleans, Louisiana, November 10, 1996.
324. "Advances in Noninvasive Imaging: Impact on Vascular Surgery and Interventional Radiology" 23rd Annual Symposium on Current Critical Problems, New Horizons and Techniques in Vascular and Endovascular Surgery, Einstein-Montefiore Medical Center, New York, New York, November 18-22, 1996.
325. "Stent Graft Repair of Aortic Aneurysms", 24th Annual Vascular Surgery Seminar and Meeting of the Society of Military Vascular Surgery, Bethesda, Maryland, December 5-7, 1996.
326. "Spiral CT and 3-D Reconstruction in the Evaluation of Aortic Aneurysm", Vascular Surgery: Twenty Years of Progress, Chicago, Illinois, December 12-14, 1996.

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327. "Modeling of Blood Vessels", Eleventh Research Initiatives Conference, Bethesda, Maryland, February 27-28, 1997.
328. "Combined Repair of Thoracic and Abdominal Aneurysms", 15th Annual Meeting of the Association of International Vascular Surgeons, Snowbird, Utah, March 1-9, 1997.
329. "Stent Graft Repair of Aortic Aneurysms", Grand Rounds, University of California, San Diego, March 29, 1997.
330. "Endovascular Interventional Techniques "Hands-On" Workshop, Co-director, Stanford, California, April 11-12, 1997.
331. "Carotid Endarterectomy, the Standard of Care", Endovascular Interventional Techniques "Hands-On" Workshop, Stanford, California, April 11-12, 1997.
332. "Vascular Disease - A Surgeon's Perspective" International Society for Magnetic Resonance in Medicine, Vancouver, British Columbia, April 12-18, 1997.
333. "Carotid Artery Stenosis - Operation or Angioplasty" 19th Annual Northern California Vascular Society Symposium, San Francisco, California, May 9, 1997.
334. "Adaptive Enlargement of Normal and Atherosclerotic Arteries", The Fourth Annual Milton F. Bryant Lecture, Ann Arbor, Michigan, May 16, 1997.
335. "Compensatory Vessel Enlargement in Atherosclerosis", University of California San Francisco, Vascular Surgery Service, San Francisco, California, May 28, 1997.
336. "The Gold Standard", SVS/ISCVS, Boston, Massachusetts, June 1-4, 1997.
337. "Stent Graft Repair of Aortic Aneurysms" and "Carotid Endarterectomy or Angioplasty and Stenting for Carotid Stenosis", World Congress of Latvian Physicians, Riga, Latvia, June 25-28, 1997.
338. "Integrated Health Care Systems: The Surgeon's Role", American College of Surgeons, Chicago, Illinois, October 12-17, 1997.
339. "Carotid Artery Disease: To Stent or Not to Stent?", Stanford-Asia Cardiovascular Symposium, Phuket, Thailand, October 24-26, 1997.
340. "Will Medical Treatment for Atherosclerosis Potentiate Aneurysm Formation", 24th Annual Symposium on Current Critical Problems, New Horizons and Techniques in Vascular and Endovascular Surgery, Einstein-Montefiore Medical Center, New York, New York, November 20-23, 1997.

1998'S

341. "Hemodynamics and Wall Stress", BJS Lecture, St. Thomas' Hospital, London, England, January 9, 1998.

342. "Strategies for Stroke Prevention in Latvia", The Latvian Academy of Sciences Pauls Stradins Prize Academic Lecture, Riga, Latvia, January 20, 1998.
343. "Modern Surgical Management on Carotid Surgery", 5th Hellenic Congress of Angiology and Vascular Surgery, Athens, Greece, January 23-25, 1998.
344. "Carotid Stenting: Have we come too far too fast?", 11th International Congress Endovascular Interventions" Scottsdale, Arizona, February 8-12, 1998.
345. "Stent Grafts: A Model for the Unified Multispecialty Approach to Vascular Disease" 1998 Society Cardiovascular and Interventional Radiology, San Francisco, California, February 28 – March 2, 1998.
346. "Today's Carotid Endarterectomy: Techniques Which Make it Safer than Angioplasty", "Bilateral A-1 Occlusive Disease: Must the "Gold Standard," Aortobifemoral Bypass, Yield to Angioplasty and Extraanatomic Bypass?" and "The Standard Surgical Approach is Hard to Beat: Look at the Results", The Rocky Mountain Vascular Disease Symposium", Vail Colorado, March 15-19, 1998.
347. "Carotid Endarterectomy vs Stenting in the Treatment of Carotid Artery Stenosis", 1998 Dale Memorial Lecture, Nashville, Tennessee, May 2, 1998.
348. "Stent Graft Repair of Aortic Aneurysms", Grand Rounds, Stanford University Medical Center, Stanford, California, May 9, 1998.
349. "Medtronic AneuRx Stent Graft System vs. Open Surgical Repair of AAA: Multicenter Clinical Trial", SVS/ISCVS, San Diego, California, June 7-10, 1998.
350. "Approach to the Patient with Carotid Artery Disease", Primary Care Symposium, Stanford, California, June 13, 1998.
351. "Carotid Angioplasty vs. Surgery", John Muir Medical Center Grand Rounds, Walnut Creek, California, September 1, 1998.
352. "Endovascular Grafting-AneuRx Experience" and "Hemodynamics and Atherogenesis", 16th Annual UCLA Symposium, Los Angeles, California, October 3-9, 1998.
353. "Carotid Endarterectomy: The Gold Standard" and "Medtronic-AneuRx Stent Graft vs. Open Surgery", First International Society for Carotid Artery Therapy/TCT, Washington, D.C., October 6-11, 1998.
354. "How Do Stent-Grafts Compare to Open Surgical Repair?", Frontiers in Vascular Surgery, Spanish Bay, California, October 15-18, 1998.
355. "Stent Graft Versus Standard Repair of Aortic Aneurysms" and "Abdominal Aortic Aneurysm Repair Using a Modular Bifurcation Stent Graft", American College of Surgeons, Orlando, Florida, October 26-28, 1998.
356. "Artery Wall Adptation in Health and Disease", American Society of Mechanical Engineering International Congress, Anaheim, California, November 15-20, 1998.
357. "Early Results with the AneuRx Modular Graft System for AAA Repair", Current Critical Problems Symposium, New York, New York, November 19-22, 1998.
358. "Choice of Imaging Technique in Patients with Aortic Pathology", Practical Vascular Surgery, Chicago, Illinois, December 10-12, 1998.

1999'S

359. "Endovascular Versus Open AAA Repair: AneuRx Stent-Graft Multicenter Clinical Trial", 12th Annual International Congress, Scottsdale, Arizona, February 7-11, 1999.
360. "Advances in the Treatment of Aortic Aneurysms", Stanford Grand Rounds, Stanford, California, February 20, 1999.
361. "Shear Stress Regulation of Arterial Adaptation", Lifeline Foundation Research Initiatives, Bethesda, Maryland, March 11-12, 1999.

362. "AneuRx Multicenter Clinical Trial for AAA", Northern California Vascular Society, San Francisco, California, May 7, 1999.
363. "MRA Comparison – What is the Gold Standard?", SVT Conference, Reno, Nevada, August 29-September 2, 1999.
364. "Endoleak as a Predictor of Outcome Following Endovascular Aneurysm Repair: Multicenter Clinical Trial", Western Vascular Society, Lake Tahoe, California, September 19-22, 1999.
365. "How does Endoluminal Grafting of AAA Compare with Conventional Surgery? Clinical Outcome and Costs", TCT XI, Washington, DC, September 22-26, 1999.
366. "Hemodynamics in Atherogenesis", 17th Annual UCLA Symposium, Los Angeles, California, October 2-8, 1999.
367. "Endovascular Repair of AAA", American College of Surgeons, San Francisco, California, October 10-15, 1999.
368. "Carotid Artery Disease: Presentation and Management", Guidant, Santa Clara, California, October 25, 1999.
369. "Medtronic AneuRx", Frontiers in Vascular Disease, Spanish Bay, California, October 27-31, 1999.
370. "New Technology and its Impact on Vascular Surgery in the 21st Century", Vascular Surgery Society of New Jersey Visiting Professor, Morristown, New Jersey, November 3-5, 1999.
371. "Aortic Aneurysm and Dissection", Guidant, Santa Clara, California, November 15, 1999.
372. "Endovascular Grafts are a Better Treatment than Standard Surgery for Most AAAs", 26th Annual Current Critical Issues Forum, New York, New York, November 18-21, 1999.
373. "Endovascular Repair of Abdominal and Thoracic Aortic Aneurysms", AneuRx/Medtronic Visiting Professor, Philippines/Hongkong, November 30-December 4, 1999.

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374. "Vascular Imaging and Teleconsultation: Care of Patients with Vascular Disease. Computational Flow Modeling and Predictive Medicine", Telemedicine Conference, Manila, Philippines, January 16-20, 2000.
375. "Eccentric Compression of Proximal Aortic Stent Graft is Associated with Increased Risk for Migration and Late Endoleak", Southern Association for Vascular Surgery, Tucson, Arizona, January 19-22, 2000.
376. "The AneuRx Device: Results of U.S. Clinical Trials", 12th Annual ISET, Miami Beach, Florida, January 23-27, 2000.
377. "There is Life After Endoleak", International Congress XIII Endovascular Interventions, Scottsdale, Arizona, February 13-17, 2000.
378. "Aortic Stent Grafts", East Bay Surgical Society, Oakland, CA, February 22, 2000.
379. "Will Endovascular Repair of Abdominal Aortic Aneurysms Replace Open Surgery?", NATA 2000, Park City, Utah, March 4-11, 2000.
380. "Surgical Treatment of Complicated Carotid Artery Lesions in Complicated Patients", Society for Clinical Vascular Surgery, Rancho Mirage, California, March 15-19, 2000.
381. "AneuRx Aortic Endograft: Technique and Results", Society for Cardiovascular and Interventional Cardiology, San Diego, California, March 25-30, 2000.
382. "Evaluation of Outcome and Results", Hands-On Workshop, Stanford, California, March 31-April 1, 2000.
383. "Will Endovascular Repair Replace Open Surgery for AAA?", American Surgical Association, Philadelphia, Pennsylvania, April 6-8, 2000.
384. "Outcome and Results of Endovascular Aneurysm Repair", 10th Annual Brown University Symposium, Newport, Rhode Island, July 21-23, 2000.

385. "Endovascular Repair of Abdominal Aortic Aneurysms: Technique and Results with the AneuRx Stent Grafts", Mayo Clinic Grand Rounds, Rochester, Minnesota, August 22, 2000.
386. "Long Term Results with the AneuRx Graft for Repair of Abdominal Aortic Aneurysms", and "The Multidisciplinary Management of Vascular Patients at Stanford University", Mayo Clinic, Rochester Minnesota, September 8-9, 2000.
387. "Do Endoleaks Predict Long-Term Results of Endovascular AAA Repair?", Frontiers in Vascular Disease, Spanish Bay, California, October 11-15, 2000.
388. "The Benefits of AAA Stent Graft Implantation as the Primary Treatment for AAAs vs. Surgical Repair", "Endografts are the Procedure of Choice for Most Patients with AAA", "Are AAA Endografts a Durable Solution? Recognition, Classification and Management of Endoleaks", and "The AneuRx Endograft", TCT 2000, Washington, DC, October 18-22, 2000.
389. "The Use of Predictive Modeling in Preoperative Planning for Vascular Surgery", and "Medtronic/AneuRx Clinical Trial Results", American College of Surgeons, Chicago, Illinois, October 22-27, 2000.
390. "Endovascular vs. Open Repair of AAA" Gulf Coast Vascular Society, New Orleans, Louisiana, November 3-4, 2000.
391. "Endoleaks are Not an Important Predictor of Outcome with Endovascular AAA and What is the Cause and Incidence of AAA Rupture after Endovascular Repair", 27th Annual Symposium Current Critical Concepts, New York, New York, November 16-20, 2000.
392. "Do Endoleaks Predict Long-Term Results of Endovascular AAA Repair?", and "The AneuRx Stent Graft – 4 Year Results", International Endovascular Symposium 2000, Sydney, Australia, December 7-9, 2000.

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393. "Effectiveness of the AneuRx Stent-Graft in Preventing AneuRx Rupture: How Often Does it Fail?", International Congress XIV, Scottsdale, Arizona, February 11-15, 2001.
394. "Endovascular Repair of Abdominal Aortic Aneurysms: How Does it Compare to Open Surgery?", University of Illinois Grand Rounds, Chicago, Illinois, April 3-4, 2001.
395. "Patient Selection for Endografts", and "Rupture after Endograft Treatment: Can it be Prevented?", 4th Hawaii Vascular Science Symposium, Honolulu, Hawaii, April 13-14, 2001.
396. "Endovascular Repair of Abdominal Aortic Aneurysms: How Does it Compare to Open Surgery?", Stanford University Grand Rounds, Stanford, California, April 28, 2001.
397. "Endovascular vs. Open Repair of AAA", Professorship at Brigham and Women's Hospital, Boston, Massachusetts, May 2, 2001.
398. "New Innovations in Vascular Surgery", Stanford University Reunion Class, Stanford, California, May 4, 2001.
399. "Endoluminal Aneurysm Repair Compares Favorably to Open AAA Repair", Northern California Vascular Society, San Francisco, California, May 11, 2001.
400. "The AneuRx Stent Graft – 4 Year Results", Japanese Society for Vascular Surgery Symposium, Fukuoka, Japan, May 22-24, 2001.
401. "Surgical Abdominal Aortic Aneurysmectomy: Real World Procedural Results, Complications and Late Outcomes", "The Devices and Results – Status Update: Early and Late Outcomes with the Medtronic AneuRx: Current Guidelines for Patient Selection", "A Surgical View of these Trials, their Generalizability, and the Mistaken Concept of 'High Risk Surgical Patients'", TCT 13th Annual Meeting, Washington, DC, September 11-16, 2001.

402. "Introduction of Endovascular Aneurysm Repair into Community Practice: Initial Results Using a New FDA Approved Device", Western Vascular Society, Santa Fe, New Mexico, September 23-26, 2001.
403. "Medtronic/AneuRx Device and Trial Results", 4th UCLA Symposium, Santa Monica, California, September 29-30, 2001.
404. "Hemodynamics in Atherogenesis", 19th Annual UCLA Symposium, Santa Monica, California, October 1-5, 2001.
405. "The Proper Assessment of AAA's for Endovascular Repair", American College of Surgeons, New Orleans, Louisiana, October 7-12, 2001.
406. "Five Year Results of the AneuRx Stent Graft", "New Coding Guidelines and Reimbursement of Endovascular AAA", Frontiers of Vascular Disease, Spanish Bay, California, October 18-21, 2001.
407. "Mid-Term Results with the AneuRx (Medtronic) Graft: The Presence of Endoleaks Does Not Seem to Affect Outcome Measures", 28th Vascular and Endovascular Issues, New York, New York, November 15-18, 2001.
408. "Open Repair of Abdominal Aortic Aneurysms: The Real Results", "AneuRx Endovascular Aortic Graft", "Internal Iliac Artery Preservation during AAA Endografting", Current Advances in Surgery Annual Symposium, St. Thomas, U.S. Virgin Islands, December 4-6, 2001.

2002'S

409. "How does Endovascular Compare to Open Repair in Preventing Aneurysm-Related Death", International Congress XV, Scottsdale, Arizona, February 10-14, 2002.
410. "How Effective is Endograft in Preventing Aneurysm Rupture", "Tom Fogarty: 50 Years of Innovations", UCSF/Stanford Vascular Symposium, San Francisco, California, April 4-6, 2002.
411. "Why Should Most Abdominal Aortic Aneurysms be Repaired with Stent Grafts", "5-Year Results with AneuRx Multicenter Clinical Trial", 20th International Union of Angiology, New York, New York, April 7-11, 2002.
412. "Open vs. Endovascular Treatment of AAA", "The Aortic Wall in Aneurysmal Disease, Role of Hemodynamics and Atherosclerosis", Visiting Professor Scripps/UCSD, La Jolla, California, April 27-29, 2002.
413. "Aneurysm Enlargement Following Endovascular Repair – Multicenter Trial 5-Year Experience", Midwestern Vascular Surgical Society, Madison, Wisconsin, September 13-14, 2002.
414. "The Devices and Results – Status Update", "The Medtronic AneuRx – Device and Technique", "No Elution from the PTFE Coated Aspire Stent for Peripheral Vascular Disease", TCT Meeting, Washington, DC, September 24-28, 2002.
415. "The Medtronic AneuRx Device and Trial Results", 20th Annual UCLA Symposium, Santa Monica, California, September 28-29, 2002.
416. "Device Migration: Prevention and Treatment", Frontiers in Vascular Disease, Half Moon Bay, California, October 24-26, 2002.
417. "EVAR is a Better Way to Fix All Anatomically Appropriate AAA's", 29th Vascular and Endovascular Issues, New York, New York, November 21-24, 2002.

2003'S

418. "Migration Following Endovascular Aneurysm Repair, Southern Association for Vascular Surgery, Tucson, Arizona, January 15-18, 2003.
419. "Atherosclerosis and the Pathogenesis of Aortic Aneurysms", Karolinska Symposium, Stockholm, Sweden, January 30-February 1, 2003.

420. "Open Resection Cannot Match the Endovascular Results", "What is the Significance of Aneurysm Enlargement Following Endovascular Repair?", International Congress XVI, Scottsdale, Arizona, February 9-13, 2003.
421. "Open vs. Endovascular Aneurysm Repair", Roger E. Weissman Visiting Professor, Dartmouth-Hitchcock, Lebanon, New Hampshire, April 23, 2003.
422. "Clinical Perspectives in Carotid Disease", Stanford-UCSF Vascular Symposium, San Francisco, California, May 1-3, 2003.
423. "Clinical Perspectives in Cerebrovascular Disease", SVU/Stanford Interpretation Course, Stanford-UCSF Vascular Symposium, San Francisco, California, May 1-3, 2003.
424. "Late Outcome of Endovascular Repair", Fifth Hawaii Vascular Scientific Symposium, Honolulu, Hawaii, May 7-9, 2003.
425. "Peripheral Intervention: Abdominal and Thoracic Aneurysm Management" (Case Presenter/Case Review), "The Principle Devices: Design Iterations, Anatomical Considerations and Bottom Line – Extended Follow-up Results – The Medtronic AneuRx", TCT 2003, Washington, DC, September 15-19, 2003.
426. "Explant Analysis of Endovascular Stent Grafts Relationship Between Device Integrity and Clinical Outcome", Western Vascular Society, Hawaii, September 21-24, 2003.
427. "The Medtronic/AneuRx Device and Trial Results", UCLA Symposium, Beverly Hills, California, October 4, 2003.
428. "New Approaches to Aortic Aneurysms", Skinner Symposium, Chicago, Illinois, October 19, 2003.
429. "Hypogastric Interruption with EVAR is Unacceptable", Vascular and Endovascular Issues, New York, New York, November 20-23, 2003.

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430. "Migration Following Endovascular Aneurysm Repair: Causes and Prevention", Phoenix Vascular Society, Phoenix, Arizona, January 27, 2004.
431. "Causes and Prevention of Stent Graft Migration", Association of International Surgeons (AVIS), Snowmass, Colorado, March 5-12, 2004.
432. "Pathophysiology of Carotid Plaque Development and Regression", "The Talent Device: Application in Cases of 'Unfavorable' Anatomy", Straub Vascular Symposium, Kapolei, Hawaii, April 9-10, 2004.
433. "Endovascular Treatment of Thoraco/Abdominal Aneurysms", UCSF/Stanford Vascular Symposium, San Francisco, California, April 22-24, 2004.
434. "Atherosclerotic Plaque Remodeling and Artery Wall Adaptation", Baltic Atherosclerosis Congress, Riga, Latvia, May 16-24, 2004.
435. "Debates in Aortic Disease", Aortic Summit-Cleveland Clinic, Cleveland, Ohio, August 28, 2004.
436. "Partnership between Engineering Science and Vascular Surgery in the Past, Present and Future", The Halsted Society, Stanford, California, September 9, 2004
437. "Endovascular Repair or Surveillance of Patients and Small AAA", ESVS, Innsbruck, Austria, September 15-18, 2004
438. "The Medtronic/AneuRx Device and Trial Device", UCLA 7th Annual Symposium, Beverly Hills, California, October 9, 2004.
439. Zarins CK. Carotid revascularization with endarterectomy or stenting systems (caress). Phase I: One-Year Results CaRESS SVS Anaheim, CA, 2004. [\[ppt\]](#)

440. Zarins CK. The Great Debate: Endografts are superior to Open Surgery for AAA. SVMB Scientific Session, Anaheim, CA June 2004. I debated Michael Bacharach, Interventional Cardiologist from Oregon. [[ppt](#)]
441. Zarins CK. Lifeline Registry of Endovascular Aneurysm Repair, Primary Endpoint Analysis at 6 years. Lifeline Registry Publications Committee Report, Society for Vascular Surgery Anaheim, CA, June 2004 SVS 2004 [[ppt](#)]

2005'S

442. Zarins CK. Carotid intervention and stenting. Recorded at the *Vascular Surgery Symposium: Vascular Surgery in Evolution*, presented April 28-30, 2005, by the University of California, San Francisco, School of Medicine and Stanford University School of Medicine. [[pdf](#)]
443. Oscar J. Abilez, Peyman Benharash, Mahncy Mehrotra, Emiko Miyamoto, Jean Picquet, Chengpei Xu, Christopher Zarins. The Creation of a New Culture Chamber System for Growing Stem Cells in 3-D and Under Physiologic Pulsatile Conditions for Vascular Tissue Engineering Applications. Presented at the 4th Annual California Tissue Engineering Meeting, Irvine, CA, Sept. 16-17, 2005. [[web](#)]
444. Oscar Abilez, Jean Alsac, Maarit Heikkinen, Agnis Zvaigzne, Chengpei Xu, Camran Nezhat, Christopher Zarins. Physiologic Adaptive Arterial Remodeling Gives Insight Into Aneurysm Formation. Presented at the Western Region Vascular Residency Forum, September 24, 2005. [[ppt](#)] [[abs](#)]
445. Jason T. Lee, David Peterson, Peyman Benharash, Bonnie Johnson, John K. Karwowski, Frank R. Arko, and Christopher K. Zarins. Duplex Ultrasound Detection of Stent-graft Migration After EVAR. Presented at the Western Region Vascular Residency Forum, September 24, 2005. [[ppt](#)] [[abs](#)]

2006'S

446. **Christopher Zarins.** Aortic Aneurysm Therapies, The Standards and Technique for EVAR in 2006 - *Open versus EVAR: Which Therapy is Best? Small Aneurysms: Surveillance vs. EVAR: Which is Best?* Presented at the University of Texas Southwestern Medical Center, Dallas, Texas on January 8-9, 2006.
447. **Christopher K. Zarins.** "Endovascular Aneurysm Repair at Five Years: Does Size Matter?" Presented at the Southern Association for Vascular Surgery 30th Annual Meeting, January 18-21, 2006.
448. Oscar J. Abilez, Peyman Benharash, Mahncy Mehrotra, Emiko Miyamoto, Jean Picquet, Chengpei Xu, **Christopher K. Zarins.** A New Culture System Shows that Stem Cells can be Grown in 3-D and Under Physiologic Pulsatile Conditions for Tissue Engineering of Vascular Grafts. Submitted to the first Academic Surgical Congress to be held at San Diego, CA, February 2006.
449. **Christopher K. Zarins.** The spectrum of peripheral vascular disease, scope of the problem (in US), risk factors and diagnosis, aneurysms and occlusive disease advances in diagnosis. Current state of the art in treatment with changes in treatment patterns from open to endovascular. Aortic aneurysms, carotid artery disease, peripheral occlusive disease: what resources are needed, what is cost effectiveness? Beijing, China, February 20-27, 2006.
450. Oscar Abilez, Peyman Benharash, Emiko Miyamoto, Adrian Gale, Chengpei Xu, **Christopher K. Zarins.** Electrical and Chemical Stimulation Promote P19 Progenitor Cell Progression to Organized Contracting Myocytes: Implications for Cardiovascular Tissue Engineering. Submitted to International Society for Applied Cardiovascular Biology (ISACB) San Diego, CA March 8-11, 2006, Accepted for poster presentation [[Abstract](#)]

451. **Christopher K. Zarins.** Aortic Aneurysm Therapies. Presented at the University of Texas Southwestern Medical Center, Dallas, Texas, April 23-24, 2006.
452. **Christopher K. Zarins.** EVAR vs. Open Repair: What Have We Learned From the Prospective Randomized Trials? Presented at the the Hawaii Vascular Scientific Symposium,, Kapolei, Hawaii, April 28-29, 2006.
453. Oscar Abilez, Peyman Benharash, Emiko Miyamoto, Adrian Gale, Chengpei Xu, **Christopher K. Zarins.** P19 Progenitor Cells Progress to Organized Contracting Myocytes after Chemical and Electrical Stimulation: Implications for Vascular Tissue Engineering. Presented at the International Congress XIX on Endovascular Interventions, February 13, 2006 at the Phoenician Resort in Scottsdale, Arizona, USA. Oscar received [first place](#) at the 2006 Endovascular Fellows' Research Award Competition.
454. Oscar Abilez, Peyman Benharash, Emiko Miyamoto, Adrian Gale, Chengpei Xu, **Christopher K. Zarins.** [Manipulation of Contractility in P19 Stem Cell Derived Myocytes for Incorporation into Tissue-Engineered Vascular Grafts.](#) The Research Initiatives in Vascular Disease Conference. Thursday, March 30-31, 2006, Washington DC.
455. Peyman Benharash, Chengpei Xu, Jean Picquet, Oscar J Abilez, Monica Divakaruni, Philip Tsao, **Christopher K. Zarins.** [Abstract](#)]
456. Abilez, Oscar, Benharash, Peyman, Miyamoto, Emiko, Gale, Adrian, Xu, Chengpei, **Zarins, Christopher.** A Novel Bioreactor for Vascular Tissue Engineering. Submission has been accepted for the Regenerate World Congress on Tissue Engineering and Regenerative Medicine being held April 25 - 27, 2006 in Pittsburgh, Pennsylvania. [\[Abstract\]](#)
457. **Christopher K. Zarins.** Device Migration: a step backward, a leap forward. Presented at the Vascular Annual Meeting on May 31-June 4, 2006, Philadelphia, PA.
458. Mary O'Connell, Bong-Soo Sohn, Chengpei Xu, JoAnn Buchanan, Winfried Denk, **Christopher Zarins,** Charles Taylor. Arterial nanostructure of the healthy rat abdominal aorta studied by serial block-face scanning electron microscopy. [2006 Summer Bioengineering Conference.](#) Amelia Island Plantation, Amelia Island, FL. June 21 - 25, 2006 [\[Abstract\]](#)
459. Peyman Benharash, MD, Jason T. Lee, MD, Oscar J Abilez, M.D, and **Christopher K. Zarins,** MD. Iliac fixation is crucial in preventing migration of both suprarenal and infrarenal aortic endografts. SVS 2006 annual meeting, June 4, 2006, Philadelphia, PA. [\[Abstract\]](#) [\[online abstract\]](#)
460. **Christopher K. Zarins** [Controversies: Abdominal Aortic Aneurysm - Endovascular Therapy is Preferred \(Pro\);](#) followed by [rebuttal.](#) Presentation at the Sessions [Science OnDemandSM 2006: Atherosclerotic Peripheral Vascular Disease Symposium II: Screening Programs and Intervention,](#) held at the Hyatt Harborside Hotel in Boston, MA, July 10 - 12, 2006.
461. **Christopher K. Zarins,** E Sho, C Xu, H Masuda, S Glagov. Mechanisms of flow induced arterial remodeling and intimal hyperplasia. Abstracts of the 5th Congress of Biomechanics, Munich, Germany, July 29-August 4, 2006; *Journal of Biomechanics* 39:S279, September 1, 2006.
462. **Christopher K. Zarins.** Atherosclerosis and aortic aneurysms. Abstracts of the 5th Congress of Biomechanics, Munich, Germany, July 29-August 4, 2006; *Journal of Biomechanics* 39:S289, September 1, 2006.
463. MK O'Connell, JM Greve, BS Sohn, C Xu, J Buchanan, E Sho, W Denk, **CK. Zarins,** RL Dalman, CA Taylor. Arterial nanostructure of the healthy rat abdominal aorta studied by serial block-face scanning electron microscopy. Abstracts of the 5th Congress of Biomechanics, Munich, Germany, July 29-August 4, 2006; *Journal of Biomechanics* 39:S400, September 1, 2006.
464. Carlos A. Figueroa, Chengpei Xu, Bonnie Johnson, Charles A. Taylor, **Christopher K. Zarins.** A Combined and Experimental Study on the Effects of the Degree-of-stenosis in Post-stenotic Arterial Dilation. Accepted for presentation at the 13th Annual Western Vascular Resident Forum to be held from 2:45 p.m. - 5:00 p.m. on Saturday, September 16, 2006 at the Hilton La Jolla Torrey Pines Hotel in La Jolla, California. [\[Abstract\]](#) [\[ppt\]](#)

465. **Christopher K. Zarins.** Current Therapy Standards and Techniques for Optimizing Outcomes. Presented at the 10th EVAR Program, Marriott Marina Del Rey, CA on September 28, 2006.
466. Oscar Abilez, Peyman Benharash, Emiko Miyamoto, Adrian Gale, Chengpei Xu, **Christopher Zarins.** P19 Stem Cells Progress To Organized Contracting Myocytes After Chemical And Electrical Stimulation: Implications For Vascular Tissue Engineering. Presented poster at the AHA young investigators conference, Friday, September 29 2006, San Francisco. [[poster](#)]
467. Charles A. Taylor, Mary T. Draney-Blomme, C. Alberto Figueroa, Mary K. O'Connell, Peter Feenstra, Chengpei Xu, Christopher K. Zarins. Cardiovascular Dynamics. Presented at NIH [AHM Meeting 2006](#). [or pdf [here](#)]
468. **Christopher K. Zarins.** Thoracic Endografts and Novel Approaches to Aortic Disease. Presented at the Transcatheter Cardiovascular Therapeutics (TCT Washington Convention Center, Washington DC, October 22-27, 2006.
469. **Christopher K. Zarins.** Current dominant devices used for endograft repair of AAA (AneuRx). Presented at the Northern California Vascular Society meeting on November 8, 2006.
470. **Christopher K. Zarins.** EVAR Reduces the Risk of Rupture Despite Persisting Type I Endoleak: How Can this Possibly Be True? Presented at the Veith Symposium, New York on November 15-19, 2006
471. **Christopher K. Zarins.** EVAR 10. Iliac fixation/migration, EVAR for good risk patients – why it should be offered to all. Orange County, CA, November 30, 2006.

2007'S

472. Peyman Benharash, Oscar Abilez, Chengpei Xu, **Christopher Zarins.** Development of a pulsatile organ culture system for investigation of native and tissue-engineered vessels. Accepted for Oral-Poster presentation at the 2nd Annual Academic Surgical Congress to be held February 6-9, 2007 in Phoenix, AZ. Session: Vascular III: Vascular Biology Time: Wednesday, February 7 2007 5:00 PM Location: 106B
473. **Christopher K. Zarins, MD,** Professor of Surgery, Stanford University School of Medicine. Biomechanical Factors in Atherosclerotic Plaque Formation and Artery Wall Remodeling. Presented at Cardiopulmonary Research-in-Progress Seminar 22-Mar-2007, 4:00 PM-5:00 PM, Room 4105 CCSR, 269 Campus Drive.
474. Craig J. Goergen, Bonnie L. Johnson, Joan M. Greve, Charles A. Taylor, **Christopher K. Zarins.** Nonuniform circumferential deformation of the abdominal aorta: A cross-species comparison. To be presented at the ASME 2007 Summer Bioengineering Conference (SBC2007), SBC2007-173254, 01/31/2007. [[ppt](#)]
475. Ms. Rebecca Taylor, Dr. Oscar Abilez, Dr. Feng Cao, Dr. Joe Wu, Dr. Chengpei Xu, Dr. **Christopher Zarins,** Prof. Beth Pruitt. Pulsatile Pressure System For Cellular Mechanical Stimulation", has been accepted as a POSTER presentation at the ASME 2007 Summer Bioengineering Conference.
476. Mr. Craig Goergen, Bonnie Johnson, Dr. Joan Greve, Dr. **Christopher Zarins,** Prof. Charles Taylor Nonuniform Circumferential Deformation Of The Abdominal Aorta: A Cross-Species Comparison has been accepted as a POSTER presentation at the ASME 2007 Summer Bioengineering Conference.
477. Ms. Jennifer Blundo, Dr. Oscar Abilez, Mr. Yong-Lae Park, Mr. Ali Rastegar, Dr. Feng Cao, Dr. **Christopher Zarins,** Dr. Joe Wu, Prof. Beth Pruitt. BioMEMS Platform for Electromechanical Stimulation of Cell Culture has been accepted as a POSTER presentation at the ASME 2007 Summer Bioengineering Conference.

2009'S

478. Erin Murphy, Frank R. Arko, III, Clayton K. Trimmer, Thomas J. Fogarty, **Christopher K. Zarins.** "Dynamic Geometry and Spatial Orientation of the IVC: Risk Factors for Migration of Vena Cava Filters" University of Texas Southwestern Medical Center, Dallas, TX, Stanford University Medical

Center, Stanford, CA. presented by Erin Murphy at the Southern Association for Vascular Surgery Annual Meeting in Tucson, Arizona January 14-17, 200

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CURRENT AND PREVIOUS CLINICAL FELLOWS

CURRENT AND PREVIOUS CLINICAL FELLOWS AT STANFORD UNIVERSITY

Year	Name	Current Position
2004	Jason T. Lee, M.D. 2004-2006 General Surgery 2004 Harbor-UCLA, Torrance, CA M.D. 1998 UC San Diego, La Jolla, CA B.S. Biology 1994 California Institute of Technology, Pasadena, CA jtlee@stanford.edu	Clinical Fellow Division of Vascular Surgery Stanford University Medical Center jtlee@stanford.edu
2003	John Karwowski, M.D. 2003-2005 General Surgery 2003 Stanford University, Stanford, CA M.D. 1995 Tufts University, Boston, MA B.S. Biological Sciences 1991 Rutgers University, New Brunswick, NJ jkarwowski@stanford.edu	Endovascular Fellow Division of Vascular Surgery Stanford University jkarwowski@stanford.edu
2002	Eugene S. Lee, M.D. 2002-2004 General Surgery Residency: University of Minnesota Ph.D. Experimental Surgery 2002 University of Minnesota, Minneapolis, MN M.D. 1994 Tufts University, Boston, MA B.A. Chemistry 1990 Cornell University, Ithaca, NY	Assistant Professor of Surgery Division of Vascular Surgery University of California, Davis 2221 Stockton Blvd. Sacramento, CA 95817 Office: (916) 843-7202 EugeneS.Lee@ucdmc.ucdavis.edu
2001	Thelinh Quoc Nguyen, M.D. 2001-2003 General Surgery Residency: Washington University, St. Louis, Missouri M.D. 1993 University of Tennessee School of Medicine, Memphis, TN Double Major: B.S. Biomedical Engineering, Mathematics 1989 Vanderbilt University, Nashville, TN	The Vascular Center Mary Black Health System 1690 Skylyn Drive, Suite 350, Spartanburg, SC 29303 Telephone: (864) 596-7428 Thelinh.nguyen@maryblack.org website
2000	Tej M. Singh, M.D. 2000-2002 General Surgery Residency: Stanford University M.D. 1993 University of Chicago, Pritzker School of Medicine, Chicago, IL B.S. Biology 1989 University of Chicago, Chicago, IL	Chief of Vascular Section Santa Clara Valley Medical Center, 751 S. Bascom Avenue San Jose, CA 95128 Telephone: (888) 334-1000 Fax: (408) 885-3535 tej.singh@hhs.co.santa-clara.ca.us website
1999	Frank Arko, M.D. 1999-2000	Assistant Professor of Surgery Division of

	General Surgery Residency: Texas A&M M.D. 1994 Texas A&M Health Science Center B.S. Zoology Texas A&M University, College Station, TX	Vascular Surgery UT-Southwestern Medical Center, 5323 Harry Hines Blvd Dallas, TX 75390-9157 Telephone: (214) 648-7276 frank.arko@utsouthwestern.edu
1998	W. Anthony Lee, M.D. 1998-2000 General Surgery Residency: University of Michigan M.D. 1992 Johns Hopkins University School of Medicine, Baltimore, MD B.S.E., Electrical Engineering Princeton University, Princeton, NJ	Assistant Professor of Surgery Division of Vascular Surgery University of Florida Telephone: (352) 265-0605 Fax: (352) 338-9818 leewa@mail.surgery.ufl.edu Website
1997	Bradley B. Hill, M.D. 1997-1999 General Surgery Residency: University of Kentucky at Lexington M.D. 1991 Baylor College of Medicine, Houston, TX B.S. Biochemistry 1986 Texas A&M University, College Station, TX	Clinical Assistant Professor of Surgery Stanford University Medical Center, Chief Vascular & Endovasc. Surg. Kaiser Permanente Medical Group Vascular Surgery, First Floor 900 Kiely Blvd Santa Clara, CA 95051 Telephone: (408) 236-5271 Bradley.b.hill@kp.org
1996	Ramin E. Beygui, M.D. 1996-1998 General Surgery Residency: Stanford University M.D. 1990 The University of California, Irvine M.S. Electrical Engineering and Computer Science 1983 The University of California, Berkeley B.S. Electrical and Computer Engineering 1980 The University of Michigan, Ann Arbor, MI	Assistant Professor of Cardiothoracic Surgery UCLA Medical Center, 10833 LeConte Avenue Los Angeles, CA 90095 Telephone: (310) 267-4385 Fax: (310) 825-7473 rbeygui@ucla.edu website
1995	Raul J. Guzman, M.D. 1995-1997 General Surgery Residency: Lenox Hill Hospital M.D. 1986 The Johns Hopkins University School of Medicine, Baltimore, MD Sc.B. Applied Mathematics/Biology 1982 Brown University, Providence, RI	Assistant Professor of Surgery and Cell Biology Division of Vascular Surgery Vanderbilt University Med. Ctr. D-5237 Medical Center North Nashville, TN 37232-2735 Telephone: (615) 322-2343 Fax: (615) 343-4251 raul.guzman@vanderbilt.edu website
1994	Robert L. Hooker, M.D. 1994-1995 General Surgery Residency: University of Chicago/SUNY Brooklyn M.D. 1987 Cornell University Medical College, New York, NY B.A., Psychology 1978 Kenyon College, Gambier, OH	Current position: Private practice in cardiovascular surgery, Grand Rapids, MI website

CLINICAL FELLOWS AT THE UNIVERSITY OF CHICAGO
(1978-1993)

Year of Training	Name	Current Position
1992-1992	James McKinsey, MD	Assistant Professor, University of Chicago, 5050 South Lake Shore Drive, Apt. 2312 S, Chicago, IL 60615

1991-1992	Fritz Bech, MD	Assistant Professor, Dartmouth University
1990-1991	Linda Hands, MD	Nuffield Department of Surgery, University of Oxford, John Radcliff Hospital, Headington, Oxford, OX3900, England
1989-1990	Roy Fujitani, MD	Assistant Professor, 8622 Seaton Heights, San Antonio, TX 78250 (210)647-7161
1988-1989	Giancarlo Piano, MD	Assistant Professor, University of Chicago, Department of Surgery, 5841 South Maryland Avenue, Chicago IL 60616; Home: 837 N. Kenilworth, Oak Park, IL 60302
1987-1988	Hans Moosa, MD	Assistant Professor, University of Pittsburgh, Montefiore Hospital, PA
1986-1987	Delford W. Williams, III, MD	24 Packet Road, Rancho Palos Verdes, CA 90274-5828
1985-1986	Paul Kresmer, MD	1813 West Harvard Boulevard, Roseburg, OR 97470
1984-1985	Alan Graham, MD, FRCS(C), FACS	Associate Professor, Chief, Division of Vascular Surgery, Robert Wood Johnson Street, Vascular Department, New Brunswick, New Jersey 08903-0019
1983-1984	Jeffrey Alexander, MD	Associate Professor, Cleveland Metropolitan General Hospital, 3395 Scranton Road, Cleveland, Ohio 44109
1982-1983	William Hadcock, MD	Assistant Professor, VA administration Medical Center, Department of Surgery, 2615 East Clinton Avenue, Fresno, CA 93703
1981-1982	Daniel Rush, MD	Associate Professor, Chief, Vascular Surgery, University of Southern Carolina School of Medicine, Department of Surgery, Two Richland Medical Park – Suite 402, Columbus, SC 29203
1980-1981	Vikrom Sottiurai, MD	Associate Professor, Louisiana State Div. Medical Center, 1542 Tulane Avenue, New Orleans, LA 70112
1979-1980	Joan Turcotte, MD	Private Practice, Waterbury, NY
1978-1979	Walter M. Whitehouse, Jr., MD	St. Joseph Mercy Hospital, The Reichart Health Bldg. PO Box 994 – Suite 5016, Ann Arbor, MI 48107

CURRENT AND PREVIOUS RESEARCH FELLOWS

CURRENT FELLOWS AND INVESTIGATORS

Current Investigators		
Christopher K. Zarins, MD	1993-	PI, Professor and Lab Director

Chengpei Xu, MD, PhD	1998-	Senior Research Scientist
Rita Wedell	1993-	Admin. Associate
Maria Martinez	1998-	Admin. Associate
Bradley Hill, MD	1998-	Assistant Professor
John Karwowski, MD	2003-	Vascular Fellow
Eiketsu Sho, MD, PhD	2002-	Senior Research Scientist
Mien Sho, MD	2000-	Research Assistant
Philip Tsao, PhD	2003-	Assistant Professor
Jason Lee, MD	2004-	Vascular Fellow
Oscar John Abilez, MD	2004-	Fellow, Stanford
Aris Theologis	2006-	Undergraduate student, Stanford University
Stephan Goupille	2006-	Undergraduate student, Stanford University
Antoine Singh Sindhu-Bertrand	2006-	Undergraduate student, Stanford University
Benjamin Yehouda Rafii	2006-	Graduate, Medicine, Stanford University
Samuel Lo Chen	2006-	Undergraduate student, Stanford University

FORMER FELLOWS AND INVESTIGATORS

Name	Years in the Lab	Contact Info (may not be up to the date)
Peyman Benharash, MD	2005-2006	UCLA
Emiko Miyamoto	2005-	Stanford Graduate Student
Adrian Gale	2005-	Stanford Graduate Student
Mahnicy Mehrotra	2005	Summer Intern
Frank Arko, MD	Research Fellow 2000-2004	Southwestern University, Texas, frank.arko@utsouthwestern.edu
Maarit Anita Heikkinen, MD	Fellow 2003-2004	a vascular surgeon in Tampere University, Finland. markku.heikkinen@kuh.fi
Agnis Zvaigzne, MD	Fellow 2003-2004	P.Stradins University Hospital, Dept. of Endocrinology, Pilsonu iela 13, LV 1002 Riga, Latvia, agnis@zvaigzne.com , +371 928 6688.
Jean-Marc Alsac, MD	Fellow 2003-2004	18 rue Leboutoux, 75017 Paris , France , jmalsac@hotmail.com
Denise Law	Summer student 2004-2004	UCLA, dlaw@ucla.edu
Issa Kawasi	Summer student 2004-2004	Carleton College
Thelinh Quoc Nguyen, MD	Research Fellow 2002-2004	The Vascular Center Mary Black Health System web
Eugene Whan Lee	Student Investigator at Stanford 2002-2003	

Victor Alan Tubbesing	Med Student at Stanford 2000-2003	Stanford University Med School, victube@stanford.edu
Andy Lo	Medical Student 2002-2003	Med School at Chicago, AndyLo@finchcms.edu
Sheila Lee, BS	Life Science Research Assistant 1998-2003	Alza Pharmaceutical, shailasv@yahoo.com
Adrian Jefferson Thomas	Med Student at Stanford 2000-2003	Stanford University Med School, ajthomas@stanford.edu
Masashi Okuro, MD,	Post Doc Fellow 2002-2003	Osaka University, Osaka, Japan
Eiketsu Sho, MD, PhD	Post Doctoral Research Fellow 2000-2002	Stanford University vascular research lab at VA Palo Alto
Katsuyuki Hoshina, MD	Post Doctoral Research Fellow, 2000-2002	Yokyo Unoversoty, Japan
Tej M. Singh, MD	Research Fellow, 2001- 2002	Valley med Ctr, San Jose
Jimmy Joung Wook Pak, MD	Research Fellow, 2001- 2002	To be added
Konstantinos Filis, MD, PhD	Visiting Vascular Surgeon, 2001-2002	Athens, Greece
Chang Shu, MD, PhD	Post Doctoral Fellow, 2001- 2002	Hunan University, China
Takeshi Nakahashi, MD, PhD	Post Doctoral Fellow, 2000- 2002	Kanazawa Medical University, Japan
Wendy Michelle Smith	Junior at Stanford, 2000- 2001	Stanford University
Travis G. Maak	Junior at Stanford, 1999- 2001	Med school, Yale University,
Sai Okabe	Visiting Student, 2001	Akita University, Akita, Japan
Syed Sameer Ali	Visiting med student, 2000	Aga Khan University, Karachi, Pakistan
Peter I. Teng, MD	Research Fellow, 1999- 2000	To be announced
W. Anthony Lee, M.D.	Research Fellow, 1999- 2000	Assistant Professor, University. of Florida
Bradley B. Hill, M.D.	Research Fellow, 1999- 2000	Assistant Professor, Stanford University
John Karwowski, M.D.	Research Fellow, 1997- 2000	Surgical residency, Stanford
Sam Wang, B.S.	Research Assistant, 1999- 2000	Med School
Erin M. Hildebrand	Student Researcher, 1999- 2000	Southern California
Tej M. Singh, M.D.	Research Fellow, 1996-	Dept of Surgery Stanford Medical Center

	1999	
Klaus See-Tho, M.D.	Research Fellow, 1996-1999	Dept of Surgery Stanford Medical Center
Yehuda G. Wolf, MD	Visiting Scientist, 1998-1999	Surgery, Hadassah Univ, Jerusalem, Israel
Alexander M. Prusa	Student Investigator, 1998	Vienna University, Austria
Tom A. Abbruzzese	Med Student, 1996-1998	Stanford Medical School
Keith Y. Abe, B.S.	Research Assistant, 1996-1998	Company in Bay Area
Andrew J. Krystkowiak	Student Researcher, 1997-1998	Southern California
Bradford I. Tropea, M.D.	Research Fellow, 1995-1997	Kaiser Bellflower, California
Raul Guzman, M.D.	Research Fellow, 1995-1997	Dept of Surgery Vanderbilt University

VASCULAR RESEARCH FELLOWS AT THE UNIVERSITY OF CHICAGO
(1978-1993)

Year of Training	Name	Current Position
1992-1993	Elizabeth Clark, MD (Gewertz)	University of Chicago
1991-1992	Ghassan Abu-Hamad, MD	Assistant Professor, American University of Beirut
1991-1992	Amy Sisley (Gewertz)	University of Chicago
1990-1991	Max Malago (Gewertz)	
1989-1991	Mark Kadowaki, MD	Cardiac Thoracic Surgery Fellow
1988-1989	Hirotake Masuda, MD, PhD	Division of Organ and Cellular Pathology Department of Pathology and Immunology Akita University School of Medicine 1-1-1 Hondo, Akita 010-8543, Japan Tel:+81-18-884-6062 Fax:+81-18-884-6441 masuda@med.akita-u.ac.jp
1987-1993	Chengpei Xu, MD	Stanford University Vascular Surgery 650-725-5017 cx11@stanford.edu
1987-1989	Hisham S. Bassiouny, MD	Professor, University of Chicago, Vascular Surgery
1987-1988	Nobuhide Masawa, MD, PhD	Department of Anatomic and Diagnostic Pathology, Dokkyo University School of Medicine, Mibu, Tochigi, Japan
1986-1988	Charles Mesh, MD	Assistant Professor, Case Western Res Cleveland
1985-1986	David Ku, MD	Associate Professor, Georgia Institute of Technology,

		The George Woodruff School of Mechanical Engineering, Atlanta, GA 30332-0405
1983-1985	Ross T. Lyon, MD	Montefiore Medical Center / Albert Einstein College of Medicine, 1825 Eastchester Road, Room 2532, Bronx, New York 10461
1982-1983	Williams Hadcock, MD	Assistant Professor, VA administration Medical Center, Fresno, CA
1981-1982	Michael A. Zatina, MD	Associate Professor, Chief, Section of Vascular Surgery, Baltimore, MD 21229-5299 (201)937-7816
1981-1982	Daniel Rush, MD	Associate Professor, Chief, Vascular Surgery, University of Southern Carolina, Columbus, SC
1980-1981	Vikrom Sottiurai, MD	Associate Professor, Louisiana State, New Orleans, LA
1979-1980	Joan Turcotte, MD	Private Practice, Waterbury, NY
1978-1980	Richard Bomberger, MD	Associate Professor, University of Nevada, 1555 Ridgeview Dr. Reno, Nevada 98509
1978-1979	Walter M. Whitehouse, Jr., MD	Assistant & Associate Professor, University of Michigan 1979-85 Private Practice, MI '85-present

VASCULAR RESIDENTS AT THE UNIVERSITY OF CHICAGO
(1978-1993)

Year of Training	Name	Current Position
3/1/92-4/30/92	Pablo Leon, MD	
4/1/92-4/30/92	George Allman, MD	
4/1/92-5/1/92	Guiliano Testa, MD	
6/1/92-6/23/92	John Sapirstein, MD	
5/1/92-6/19/92	John Hokowski, MD	
5/15/92-6/23/92	Aamir Shah, MD	
6/24/92-8/15/92	Donald Saroff, MD	

MEDICAL STUDENTS AT VASCULAR SURGERY OF THE UNIVERSITY OF CHICAGO
(1978-1993)

Year of Training	Name	Current Position
4/6/92-4/21/92	Kelly Ford	
4/22/92-5/8/92	Nancy Keading	

5/11/92-5/26/92	Michael Polizzi	
5/27/92-6/12/92	Katherine McLeese	
7/6/92-7/21/92	Everett Sutherland	
7/6/92-7/21/92	Jefferson Schott	
7/22/92-8/7/92	Anahai Sandhu	
7/22/92-8/7/92	James Little	
	Tej Singh	Senior Student – The University of Chicago
	Wayne Detmer	
1991-1992	Eric Wang, Summer student	
	Dawn Conklin	
	Alan Jo	
	Margaret Skinner	
1992	Rick Lay, Summer student	
1992	Renu Lu, Summer student	
	Eric Choi	
	Sasha Zarins	
	Clifford Ko	
	Seiche Nod	
	David Liebovitz	