Feb 2007

Ronald Lee Dalman, M.D.
Curriculum Vitae

SUMC Office: Chief, Division of Vascular Surgery
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Date of Birth: April 29, 1960
Place of Birth: Holland, Michigan
Citizenship: United States of America

Undergraduate Education

1978-1981 University of Michigan, College of L.S. and A., Ann Arbor
1981 Bachelor of Arts, Major in Biomedical Sciences

Medical Education

1981-1984 University of Michigan Medical School, Ann Arbor
1984 Doctor of Medicine

Postgraduate Training

1984-1988 Resident, General Surgery, University of Washington, Seattle
1988-1989 Chief Resident, General Surgery, Univ. Washington, Seattle
1989-1991 Fellowship, Vascular Surgery, Oregon Health Sciences University
(John M. Porter, Program Director) Portland
2003 Endovascular Fellowship, Texas Tech University
(Michael B. Silva Jr., Program Director) Lubbock

Honors

1983 Alpha Omega Alpha
1984 Graduated with Distinction (top 10% of class), U of M Medical School
1994 Royal College of Surgeons (New York Chapter) Travelling Fellowship,
Great Britain
1997-2001 Invited Guest Researcher, American Heart Association Research
Roundtable Luncheon, Western States Affiliate

1999	Invited Guest Lecturer, Japanese Vascular Surgery Society Annual Meeting, "Pharmacotherapy for Vascular Surgeons Based on Evidence: New Therapy for Intermittent Claudication" May 21, Omiya, Japan.
2000	E.J. Wylie Traveling Fellowship, Lifeline Foundation.
2002	Visiting Professor and President's Guest Speaker, Pacific Northwest Vascular Association, Seattle, WA.
2003	Visiting Professor, Hong Kong University Surgical Forum and 1st. Annual Joint Hong Kong/Shanghai Vascular Surgical Forum.
2005	Visiting Professor, University of Florida/Gainesville
2006	Visiting Professor, Hong Kong University Surgical Forum and 2nd Joint HK/Shanghai Vascular Forum.
2006	Visiting Professor and Bernstein Lecturer; Scripps Institute/UCSD, San Diego
2006	Visiting Professor, UNDMJ, Newark, New Jersey
2006	Guest Faculty and Featured Lecturer, Japanese Vascular Surgical Society Annual meeting

Licensure

1985	Washington No. 23335 (Inactive)
1990	Oregon No 16092 (Inactive)
1992	California No. G073779 (Active)
2003	Texas Postgraduate Medical Education License @ Texas Tech University. #PP10013148 (Active through 2005)

Board Certification

7/1/85	Diplomate of the National Board of Medical Examiners
3/16/90	Diplomate of the American Board of Surgery (ABS). Recertified 1/2000.
5/4/92	Added Qualifications in General Vascular Surgery, ABS. Recertified 1/2001.

Faculty and Staff Appointments

7/1/89- 91	Instructor, Department of Surgery Oregon Health Sciences University, Portland
8/18/91-Present	Chief, Vascular Surgery Service Co-Founder and Director, Diagnostic Vascular Laboratory Veterans Affairs Health Care System Palo Alto, Menlo Park, and Livermore, CA
12/3/91-7/31/92	Acting Assistant Professor of Surgery Stanford University School of Medicine
7/1/92-Present	Staff Surgeon, Stanford University Hospital
8/1/92-11/98	Assistant Professor of Surgery, Division of Vascular Surgery Stanford University School of Medicine
7/94-1996	Director, Diabetic Foot and Lower Extremity Wound Care Center Stanford University Medical Center
10/11/96-Present	Staff Surgeon, Lucile Salter Packard Children's Hospital at Stanford
1998-2005	Associate Professor of Surgery, Division of Vascular Surgery Stanford University School of Medicine
2002	Biodesign Lecturer, Invited Affiliate, Stanford School of Engineering.
2003-2004	Acting Program Director, Vascular Surgery Residency Program.
2005	Program Director, Vascular Surgery Residency Program
2005	Professor of Surgery, Stanford University School of Medicine

2005 Chief of Vascular Surgery, Stanford University Medical Center

Teaching Assignments/Educational Activities since 1991

1991-1999	Lecturer, Surgery 300A Didactic Lecture Series 1) Vascular Surgery and Vascular Laboratory Introduction 2) Abdominal Aortic Aneurysms 3) Lower Extremity Ischemia, and 4) Vascular Trauma
1991-1995	Coordinated Multidisciplinary Vascular Lecture Series at PAVAMC
1991-Present	Regular Teaching Rounds with Medical Students and Residents
1993-Present	Course Director, Surgery 334A, Advanced Vascular Surgery
1993-1998	Undergraduate Academic Advisor, Stanford University (24 advisees)
1993-1998	Medical School Admissions file review and interviews
1993-1999	Faculty Mentor, Stanford Medical Youth Science Program
1994-1998, 2001	Faculty Mentor, Stanford Medical School SM1 students
1996-2002	American Heart Association (AHA) Western States Affiliate Student Research Program: 1996 - 2 students; 1997 - 3 students; 1998- 2 students; 1999 – 1 student, 2001 – 1 student, 2002 – 1 student
1994-1995	Medical Scholars Program, Stanford University School of Medicine, Advisor to **Michael Burdi**: Funded project for two quarters, "Diabetic Foot Care Clinic."
1996	Medical Scholars Program, Stanford University School of Medicine, Advisor to **Margaret C. Lin**: Funded project for two quarters, "Enterocyte adaptation to chronic mesenteric ischemia."
1996-2000	Medical Scholars Program, Stanford University School of Medicine, Advisor to **Thomas Abbruzzese**: "Role of matrix metalloproteinases in arterial remodeling." Also funded by 1997 Lifeline Foundation Student Research Fellowship, the Palo Alto Institute for Research and Education, and the American Paraplegia Society
1997	Honors Biology Senior Thesis Advisor, Stanford University. Advisor to **Sarika Joshi**: Undergraduate Research Opportunities Major Grant Award, Human Biology 199 project, "Matrix metalloproteinase expression during the development of chronic flow-mediated arterial enlargement." Also funded in part via 1998 Lifeline Association Student Research Fellowship.
1998	Biology Thesis Advisor to **Joshua Hull**, Dominican University, "Matrix metalloprotinase activity in chronic flow-mediated arterial dilatation."
1998	Honors Biology Senior Thesis Advisor, Stanford University. Advisor to **Sam Wang**: Undergraduate Research Opportunities Major Grant for Extended Research, "Transcription factor expression in canine chronic mesenteric ischemia." Gift from the Howard Hughes Medical Institute.
1998	Medical Scholars Program, Stanford University School of Medicine, Advisor to **Amy Markezich**: Funding for 18 units of academic credit, "Dose-dependent competitive inhibition of MMP-mediated arterial flow remodeling."
1998	Medical Scholars Program, Stanford University School of Medicine, Advisor to **Ann Caroline Mendoza**: Funding for 18 units of academic credit, "Inflammatory model of abdominal aortic aneurysm (AAA)

formation in the rat: inhibition with the matrix metalloproteinase (MMP) inhibitor, RS-113,456."

1998-2001 Fellowship Advisor, **John K. Karwowski MD** (Department of Surgery, Stanford University) "Microarray Analysis of Inflammatory and Hemodynamic Influences on Aortic Remodeling". Funded in part by NIH, HLBI 1R01 HL46338-01

1999 Honors Thesis, Dept. of Biological Sciences, Stanford University. Advisor to **Sam C. Wang**, senior class, Honors Program. "Small intestinal brush border oligosaccharidase adaptation to chronic mesenteric ischemia."

1999 Medical Student Scholars Program, Stanford University School of Medicine. Advisor to **Amy Markezich**, Leishman Scholar. Funding for 18 units of academic credit, Leishman Scholars Fund. "The role of arterial wall motion on experimental aneurysmal development."

1999 Medical Student Scholars Program, Stanford University School of Medicine. Advisor to **Cory Yeh**, Gerbode Scholar. Funding for 18 units of academic credit, Gerbode Scholars Fund. "The role of hemodynamic and biomechanical forces in arterial enlargement and determination of gene expression correlates."

1999 Reviewer, Undergraduate Research Opportunities (URO) grants. Stanford University.

1999 Honors Biology Senior Thesis Advisor, Stanford University. Advisor to **Meghna Chowdary**. Undergraduate Research Opportunities Major Grant for Extended Research, "MMP-9 activity levels in abdominal aortic aneurysms exposed to high blood flow."

2001 Honors Biology Senior Thesis Advisor, Stanford University. Advisor to **Maulik S. Zavier**. Undergraduate Research Opportunities Major Grant for Extended Research, "Time course study of relative aortic wall strain in the arteriovenous fistula model," 2001-2002. Fellowship advisor for Maulik Zaveri. Support also provided by the Howard Hughes Medical Institute and Lifeline Foundation 2001 Student Research Fellowship.

2001 Project Supervisor, **Janice Yeung** (University of Wisconsin School of Medicine) "Spinal Cord Injury as an Independent Risk Factor for AAA" Project Support via American Paraplegia Society.

2001 Project Supervisor, American Heart Association Western States Affiliate Summer Scholars Program. Supervisor to **Nevine Mikail**, University of California, Irvine. "Rodent Aneurysm Modeling and Assessment"

2000-2002 Fellowship Supervisor; **Katsuyki Hoshina MD** (University of Tokyo Graduate School of Medicine, Division of Vascular Surgery) "Hemodynamic Influences on Abdominal Aortic Aneurysm Disease", Supported by 1R01 HL46338-01 (HLBI, NIH) and Stanford University School of Medicine Dean's Fellowship (2001-2002)

2000-2002 Fellowship Supervisor; **Takeshin (Ken) Nakahashi**, **MD, PhD** (Osaka University School of Medicine, Osaka, Japan) "Hemodynamic Influences on Abdominal Aortic Aneurysm Disease", Supported by 1R01 HL46338-01

2002 Doctoral Qualifying Committee Examiner for **Christopher Paochung Cheng**, Mechanical Engineering, School of Engineering, Stanford University

2002 Doctoral Qualifying Committee Examiner for **Mary O'Connell**, Mechanical Engineering, School of Engineering, Stanford University.

2001 Fellowship Supervisor; **Takashi Nakamura MD**, Third Department of Surgery, Osaka University, Osaka, Japan. Four-month mini-fellowship in

advanced, operative vascular surgery, non-invasive vascular diagnosis and Vascular Center

2002 Mechanical Engineering 288 Faculty, Biodesign Seminar
Stanford University School of Engineering

2002 Sponsor, Lifeline Foundation, AHA Western States Summer Research Scholarship, and AOA Scholarship award for **Andy Lo BS**, 2nd year student, Chicago Medical School, project entitled "Arterial Flow Changes, Arterial Remodeling, and MMP-9 Activity" (funding received as of 5/1/02)

2000 Sponsor and Supervisor, American Heart Pre-Doctoral fellowship award ($25,000 for academic year 2002-2003) and AOA Scholarship award for **Janice Yeung BS**, 2nd year student, University of Wisconsin School of Medicine, project entitled "Characteristic Aortic Hemodynamic Sequelae of Chronic Spinal Cord Injury"

2002 Sponsor and Primary Research Mentor, American College of Surgeons Faculty Research Fellowship Award for **Dr. Maria Millan**, Assistant Professor, Division of Transplantation Surgery, Department of Surgery, Stanford University. "Epstein Barr virus induces endothelial anti-apoptotic factors and prevents uncontrolled activation and apoptosis", $80,000 2002-2004.

2002 Course Co-Director, 2002 UCSF/Stanford Vascular Symposium "Celebrating 50 years of Vascular Surgery in Northern California" Grand Hyatt, Union Square, San Francisco, CA.

2002 Medical Student Scholars Program, Stanford University, advisor to **Andrew Kopleman BS**, project entitled: "The Role of Heme-oxygenase 1 in High-Flow Induced Attenuation of AAA".

2001 Project Supervisor, Western States Affiliate American Heart Association, Summer Scholar Program, supervisor to **Sarah Goodell**, University of California, Davis.

2002 Thesis committee member and reader, Department of Mechanical Engineering and the Committee on Graduate Studies of Stanford University. "*In-vivo quantification of hemodynamic conditions in the human abdominal aorta at rest and during lower limb exercise: research and clinical applications"*. **Christopher P. Cheng** 10/3/02.

2003 Collaborator and co-sponsor, Department of Mechanical Engineering Doctoral Thesis Candidate **Joan Greve**, project entitled "*In-vivo imaging and force quantitation in small mammal abdominal aortic aneurysm models using magnetic resonance imaging".*

1999- 2003 Academic/clinical mentor for junior surgical faculty at VAPAHCS:
Sheila Coogan MD, Assistant Professor of Surgery (Vascular)
Bassem Safadi MD, Assistant Professor of Surgery (General)

2003 Research Advisor, **Jonson Yee**, Stanford undergraduate student.

2003-2004 Course Co-Director, Stanford/UCSF/Northern California Vascular Symposium.

2004 Doctoral qualification exam committee member for **Joan Greve**, Department of Biomechanical Engineering, 11/16/04.

2005-2008 Research Supervisor, **Maureen Tedesco MD**
2006 Dean's Scholarship Award
2006-2008 AHA Postdoctoral Fellowship Award

2005 Thesis committee member and reader for **Joan Greve**, PhD candidate, Bioengineering Department, Stanford University

2006 Thesis committee member and reader for **Mary O'Connell**, Bioengineering Department, Stanford University

2007 Research advisor, **Chandra Katikireddy MD,** Dean's postdoctoral fellowship award, Stanford University, School of Medicine

Clinical Vascular Trainees: ACGME accredited vascular fellows:

Year	Fellow	Current Position
1996-97	Raul J. Guzman MD	Asst. Prof, Vanderbilt Univ.
1997-98	Ramin Beygui MD	Asst. Prof, UCLA(Cardiothoracic and Vascular Surgery)
1999-00	W. Anthony Lee MD	Asst. Prof, University of Florida
2000-01	Frank Arko MD	Asst. Prof, Stanford University
2003-04	Eugene S. Lee MD	Asst. Prof, UC Davis (2004)
2004-05	John K. Karwowski MD	Asst. Prof, Cornell (2005)
2005-06	Jason T. Lee MD	Asst. Prof, Stanford (2006)
2006-07	Jimmy Pak, MD	Staff Surgeon (Vascular) Kaiser Permanente MedicalCenter –Oakland, CA

International Vascular Fellows Fellowships for international surgeons

2001 (Sept-Dec)	Takashi Nakamura MD	Assistant Professor, Vascular Surgery, Osaka University Osaka, Japan (observational)
2003-04 (Oct-Jan)	Kwong Man Chan MD	Medical Officer, Princess Margaret Hospital, Kowloon, Hong Kong, SAR, China (observational)
2006-07 (Sept-Mar)	Pei (Jackie) Ho MD	Assistant Professor, Vascular Surgery, Hong Kong University, HK, PRC (clinical)

Professional Organizations

1987-1991	American College of Surgeons, Candidate Group
1988-Present	Henry Harkins Surgical Society
1990-1991	Multnomah County Medical Society
1991-1994	American College of Surgeons, Associate Fellow
1991-1993	Peripheral Vascular Surgery Society
1998-Present	Peripheral Vascular Surgery Society 2000-2002 Chair, Scholarship and Education Committee
1992-Present	Northern California Vascular Surgery Society
1992-Present	Association for Academic Surgery
1992-Present	American Heart Assn., Council on Cardio-Thoracic & Vascular Surgery
1993-Present	North American Chapter, International Society Cardiovascular Surgery
1994-Present	Western Vascular Society 2001-2004 Recorder (Executive Council Member) Program Committee Member (Ex-Officio)
1994-Present	American College of Surgeons, Fellow
1994-1997	Santa Clara County Medical Association
1994-2000	Association of Veterans Affairs Surgeons

1994-Present	American Venous Forum
1996-Present	San Francisco Surgical Society 2000-2001 – Vice President 2003-2004 – Program Chairman
1996-1998	San Jose Surgical Society
1998-Present	Pacific Coast Surgical Association
1998-Present	Society for Vascular Surgery 1999-2001 Member, Membership Committee 2001 Chairman 2005-2008 Member, Research Council
1999-Present	Society of University Surgeons 2007-2010 – SVS Representive to SUS Executive Council
2002	AHA, Fellow, Council of Cardiothoracic and Vascular Surgery 2006 – Board of Directors

Committee Assignments

1998-2001	American Heart Association (AHA) Western States and Greater Los Angeles Affiliates Student Research Committee
1997-2000	Program Committee for the Western Vascular Resident Forum Western Vascular Society
1998-2000	Board of Directors, AHA, Silicon Valley Affiliate 1999-2000 President
1998-Present	FeAST Executive Planning Committee, VA Cooperative Study #410
1999-2002	Lifeline Foundation® Research and Education Committee
2000-2003	Board of Directors, AHA, Western States Affiliate
2000-Present	Medical Staff Bylaws Review Committtee, VAPAHCS
2000	Ad Hoc Bylaws Review Committee, Western Vascular Society
2001	Associate Examiner, American Board of Surgery, (San Francisco, CA)
2001	Appointments Committee, Medical Center Line Professoriate Stanford University School of Medicine
2002	Local Arrangements Committee, 2003 Pacific Coast Surgical Asso.
2002	Chairman, Ad Hoc Committee on Commercial Sponsorship, Western Vascular Society
2002-2004	Program Committee and Co-Director– Stanford/UCSF Advances in Vascular Surgery CME meeting
2003	Clinical Events Committee/Safety Monitoring Board. Vascular Architects, Inc. Portola Valley, CA.
2003	Dean's Committee on Status of Fellows and Residents, Stanford University School of Medicine, Stanford, CA
2003	Faculty Senate At-Large Alternate member (by school-wide faculty vote)
2004	Moderator, Vascular Surgery Forum, ACS Clinical Congress
2006	Cardiovascular Institute, Executive Council, Stanford School of Medicine Co-Director: Vascular Diseases/Biology Section
2007	Cardiovascular Institute, Steering Committee, Stanford School of Medicine Co-Director: Vascular Diseases/Biology Section
2007	Internal Advisory Board Member, NHLBI T32 training grant in Translational Vascular Biology
2007	Ad Hoc Examiner, Vascular Surgery Board, American Board of Surgery

Study Section Membership

1998-1999	Ad Hoc Grant Reviewer, Merit Review Program, Office of External Review, Dept. of Veterans Affairs,
2001-2002	Chairman, Scientific Advisory Board, OPC-28326 clinical development program, Otsuka America Pharmaceutical Co, Rockville, MD.
2001	Member, Scientific Advisory Group, Corazon Technologies, Inc., Menlo Park, CA.
2002	Reviewer, Grant Submissions, Office of Technology Licensing Awards, Stanford University.
2003	Scientific Advisory Committee, Mediquest Therapeutics, Seattle, WA.
2003	Consultant, Millennium Pharmaceuticals, So. San Francisco, CA
2003	Consultant, Genentech Inc., San Francisco, CA
2003	Advisory Board Member, Thrombolytics Division, Genentech, San Francisco.
2003, 2005	Surgery and Bioengineering (now BTSS) Study Section (Ad Hoc), Center for Scientific Review, National Institutes of Health. SRA: Dharam S. Dhindsa, DVM, PhD, 6701 Rockledge Drive, MSC 7854, Bethesda, MD 20892-2241
2005	Ad hoc reviewer, Wellcome Trust, UK
2006	Special Emphasis Panel, Heart, Lung and Blood Institute, NIH re: KR program, inaugural "Pathways to Independence" award study section, Chicago.

Journal Affiliations

Yearbook of Vascular Surgery,
Contributing Editor 1993, 2001
Vascular Surgery Outlook, Contributor (1993)
Journal of Vascular Medicine & Biology, Reviewer (1993, 1994)
Journal of Surgical Research, Reviewer (1993, 1995)
Journal of Vascular Surgery, Reviewer (1996-Present)
Distinguished Reviewer 1997-2001, 2003 (review quality >90th percentile)
Editorial Board Member 2005 - 2008
Circulation, Journal of the American Heart Association, Ad Hoc Reviewer (12/99-2000, 2002 - 2006
Annals of Vascular Surgery, Editorial Board Member 2002 – 2005
Arteriosclerosis, Thrombosis and Vascular Biology, Ad Hoc Reviewer 2004-2006
Immunology, Ad Hoc Reviewer 2004
Atherosclerosis, Ad Hoc Reviewer 2006

Presentations (since 1/2002, from a list of >200 since 1991)

1. ME 288 Bioengineering and Biodesign Seminar, School of Engineering, Stanford University, "The Role of Shear Stress and Wall Strain in Aortic Remodeling and Aneurysmal Degeneration", Invited Guest Lecturer 1/14/02, Gates Engineering Building

2. Stanford/Pfizer Cardiovascular Biology Conference, Invited Speaker "Interventional Approaches to PAD", Falk Library, Stanford University 1/22/02.

3. 2002 Winter Meeting, Peripheral Vascular Surgical Society, Breckinridge, Co. "Transition to All-Autogenous Dialysis Access: The Role of Vein Mapping". 2/1/02.

4. Society of University Surgeons, 2002 Annual Meeting, "High Blood Flow Limits Experimental Aneurysm Enlargement via Anti-Oxidative Gene Expression". Presented by TK Nakahashi MD, PhD, RLD as PI and senior author. 2/16/02.

5. Stanford Department of Surgery Grand Rounds. "Ultrasound for Surgeons: The Role of the Vascular Laboratory". 4/2/02.

6. UCSF/Stanford Symposium, "50 Years of Vascular Surgery in Northern California". Two presentations and session moderation, SF, CA 4/4 – 4/6 2002
   a. "Hemodynamic Influences on AAA Disease"
   b. "The Other Indication for Intervention in Lower Extremity Occlusive Disease – Improved Quality of Life Following Treatment"

7. Pri-Med West 2002 Annual Meeting, Long Beach, CA. "Indications for Intervention for Intermittent Claudication" 4/5/02.

8. NHLBI/Lifeline Foundation Research Initiatives in Vascular Disease. Session Moderator, "Translational Research in Vascular Disease: Basic Science and Abdominal Aortic Disease". Bethesda, MD 4/19/02.

9. Stanford/Pfizer Vascular Medicine Conference, Invited Speaker: "Mechanical Forces and Aortic Diseases", Falk Library, Stanford University 5/28/02

10. Biodesign Faculty Presentation, Bioengineering/Bio-X Project, School of Engineering, Stanford University: "How hemodynamic conditions influence aortic remodeling and degeneration" 5/30/02

11. Western Vascular Society Annual Meeting, Newport Beach, CA "Flow mediates AAA progression, cellular composition and oxidative stress" 9/22/02.

12. Advances in Understanding Aortic Diseases – 4th Annual International Symposium, SF, CA. "Aortic aneurysm formation can be modulated by: (3rd speaker on panel) hemodynamic conditions. 10/4/02

13. American College of Surgeons Surgical Forum, Invited discussant for "Activation of bone morphogenetic protein receptor IA (BMPR-IA) inhibits smooth muscle cell (SMC) proliferation", (Author: Guzman, Raul J.) 2002 ACS Surgical Congress, San Francisco, CA 10/9/02.

14. Stanford Vascular Symposium: Frontiers in Vascular Disease '02, 10/24-26, Half Moon Bay, California;
    Moderator: Carotid disease strategies.
    Presenter: What's new for peripheral arterial occlusive disease below the knee.
    Presenter: Current medical strategies for intermittent claudication: update.

15. Aortic Aneurysm Pathogenesis Initiative, Featured Investigator "Mechanobiologic Determinants of Abdominal Aortic Aneurysm Disease", National Heart, Lung and Blood Institute, National Institutes of Health, Bethesda, MD 11/14/03

16. Hong Kong Surgical Forum 2003, University of Hong Kong, Special Administrative Region, PRC. January 9-11 2003.
    Presenter: Open vs. endovascular abdominal aortic aneurysm repair
    Presenter: Transition to autogenous access: the role of vein mapping
    Presenter: Indications and Interventions for invasive claudication therapy
    Presenter: Upper extremity revascularization procedures
    Presenter: Replace, remove or revise? – Managing aortic graft infections

Zhongshan Hospital, Shanghai PRC. January 13-14, 2003.
Presenter: Open vs. endovascular abdominal aortic aneurysm repair

17. 2003 Peripheral Vascular Surgery Society Meeting, Snowmass, CO. "High flow stabilizes aortic morphology in experimental AAA". Presented by Dr. E Sho, RLD as PI and sponsor. 2/2/03

18. 2003 Society of University Surgeons Meeting, Houston, TX. "Wall shear stress modulates gelatinase activity in experimental aortic aneurysms". Presented by Dr. E Sho, RLD as PI, sponsor and discussant. 2/14/03

19. Experimental Biology 2003 (Vascular Biology), Federation of Societies of Experimental Biology (FASEB). "Flow loading attenuates medial inflammation in experimental AAA". San Diego, CA 4/11/03. Featured in moderated evening discussion section *Modeling Vascular Disease in-vivo and in-vitro (170.1-170.12)*. Presented by Dr. E Sho, RLD as PI, sponsor and discussant.

20. 2003 Stanford/UCSF Advances in Vascular Surgery. Session Moderator and Presenter: New adjunctive therapies to improve performance of distal bypass procedures. 5/1/03

21. Biodesign Faculty Meeting, Bioengineering Faculty, Stanford University. "Biomechanical analysis of AAA growth and progression". 6/7/03.

22. Society of Vascular Surgery/American Association of Vascular Surgery, 2003 Annual Meeting. "Murine AAA modeling under variable flow conditions". Chicago, Ill 6/8/03.

23. Medtronic Technology Exchange Guest Faculty "Design and analysis of hybrid drug/device treatment systems for AAA", Orlando, Fl 6/27/02.

24. Western Vascular Society, 19th Annual Meeting. "Developing hybrid AAA drug/device therapies: local doxycycline delivery limits aneurysm enlargement". Kona, Hawaii 9/21/03

25. NHLBI/Lifeline Foundation, Research Initiatives in Vascular Disease: *Translational Vascular Research: From Bench to Bedside to Boardroom*: Invited Speaker: Hemodynamics and Progenitor Cells in AAA Disease Bethesda, MD 4/1/04

26. Arteriosclerosis, Thrombosis and Vascular Biology, 5th Annual Meeting (Co-sponsored by the AHA and North American Vascular Biology Organization). Poster Presentation: "Bone marrow cells modify AAA remodeling under variable flow conditions", Presented by Eiketsu Sho MD, PhD May 7th, 2004 San Francisco.

27. Vascular Annual Meeting 2004, Lifeline Foundation Research Forum: "Vascular Progenitor Cells Modulate AAA Remodeling and Progression". Presented by Eiketsu Sho, MD, PhD June 5th, 2004 Anaheim, CA.

28. Western Vascular Society Meeting 2004. "Blood flow differently regulates transmural gene expression in experimental AAA". Presented by Eiketsu Sho, MD, PhD, September 11th, 2004, Victoria, BC.

29. American College of Surgeons, 2004 Clinical Congress. Presenter in the Vascular Post-Graduate Course: "Retraining the Academic Vascular Surgeon". New Orleans, LA 10/11/04.

30. 2004 Scientific Sessions, American Heart Association. "Variable blood flow regulates gene expression in cell specific-rich area of aneurysmal wall as studied by laser capture microdissection". Poster presented by Eiketsu Sho, RLD as senior author, 11/9/04.

31. San Francisco Surgical Society, January 2005 Quarterly Meeting – "Advances in Catheter-Based Management of Lower Extremity Arterial Disease". SF, 1/12/05.

32. Joan L. and Julius H. Jacobson Research Initiatives in Vascular Disease Conference: Translational Research in Vascular Diseases: The Road Ahead. Invited Guest Speaker: Using Cellular Bioimaging to Evaluate Novel AAA Disease Therapies. Bethesda, MD 4/8/2005.

33. UCSF/Stanford Advances in Vascular Surgery 2005. The Case for Aggressive Management of Intermittent Claudication. San Francisco, CA 4/23/05.

34. Western Vascular Society, 20th Annual Meeting. "Spinal Cord Injury Increases AAA Risk", presented by Janice J. Yeung MD, Park City, UT 9/26/05.

35. Visiting Professor of Vascular Surgery, University of Florida Gainesville "AAA Disease; Mechanism, Stratification and Treatment" 9/29/05.

36. Surgery 204: Vascular Surgery – Lecture to 65 Medical Students in M112. 11/11/05

37. AHA Scientific Sessions 2005: Translation Science. Invited Lecture on "Flow Effects on AAA Disease. Dallas, TX 11/13/05.

38. Cardiovascular/Pulmonary Scholarly Concentration 2005. AAA Disease. Falk Building, SUMC.

39. The Abdominal Aortic Aneurysm: Genetics, Pathophysiology, and Molecular Biology. New York Academy of Sciences and Columbia University College of Physicians and Surgeons – Tenth Anniversary Symposium 4/3-5/2006. Mechanobiologic Determinants of AAA Disease.

40. Bernstein Visiting Professor, Scripps Clinic, San Diego, CA. 5/1/06. AAA Disease: Mechanism, Stratification and Treatment.

41. 2006 Hong Kong Surgical Forum, HK and Shanghai, China. Topics:
    a. AAA: Mechanism, Stratification and Treatment
    b. The Case for Aggressive Management of Intermittent Claudication
    c. Carotid Disease Management 2006
    d. EVAR/TEVAR: The Second Decade

42. 2006 Japanese Vascular Surgical Society meeting, Tokyo, Japan
    a. AAA: Mechanism, Stratification and Treatment
    b. The Case for Aggressive Management of Intermittent Claudication

43. 2006 VEITH Symposium, NY, NY: Chronic spinal cord injury increases aortic diameter and AAA formation – what is the mechanism? 11/19/2006.

44. 2006 Scientific Sessions, AHA, Chicago, IL. Enhanced abdominal aortic aneurysm formation in procarboxypepdidase B-deficient mice. Oral presentation - presented by M. Tedesco MD, with RLD as co-author and sponsor.

45. 2007 ISES XX Peripheral Fellows Research Competition: Risk Factors for Developing Post-Procedural Microemboli Following Carotid Interventions. Presented by M. Tedesco MD, with RLD as co-investigator and co-author.

Abstracts

1. Pelc LR, Li KC, Wright GA, Wegmueller H, **Dalman R**, Brittain J. Noninvasive measurement of blood oxygen saturation with magnetic resonance imaging. Circulation (suppl) 1993; 88:I-237.
2. Ch'en IY, Li KCP, Kinoshita LL, Song CS, Kang MI, Moon WK, **Dalman RL**. Correlation of MRA and conventional angiography in diagnosing SMA stenosis in a canine model. AJR 1996; 166 (3: Supplement): 35.
3. Li KC, **Dalman RL**, Ch'en IY, Moon WK, Song CK, Wright GA. MR measurements of superior mesenteric vein and inferior vena cava oxygen saturation for diagnosis of acute mesenteric ischemia. Radiology 1996; 201(P):377.
4. Abbruzzese T, Guzman R, Martin RL, Zarins CK, **Dalman RL**. Matrix metalloproteinase inhibition decreases flow-mediated arterial enlargement. Circulation (suppl) 1997; 96:I-172.
5. Li KC, **Dalman RL**, Ch'en IY, Moon WK, Song CK, Wright GA. Using in vivo flow independent T2 measurements of SMV blood for diagnosing chronic mesenteric ischemia. Radiology 1997; 205(P):429.
6. Strandness DE, **Dalman R**, Panian S, Rendell M, Comp P, Bortey EB, Heckman JD, Forbes WP. Two doses of cilostazol versus placebo in the treatment of claudication: Results of a randomized, multicenter trial. Circulation (suppl) 1998; 98:I-12.
7. Karwowski JK, Abbruzzese TA, Martin RL, Zarins CK, **Dalman RL**. Dose-dependent limitation of chronic arterial enlargement by the matrix metalloproteinase inhibitor RS-113,456. Circulation (suppl) 1998; 98:I-809.
8. Hill BB, Olcott C IV, **Dalman RL**, Harris EJ, Jr, Schubart PJ, Fogarty TJ, Zarins CK. Vascular and endovascular surgery training in the new millennium. Presented at The Association of Program Directors in Vascular Surgery annual meeting, San Francisco, CA, 10/10/99.
9. Akin JJ, Poser RD, Johansson PJ, Hankermeyer CR, Delaney DC, Lin LB, Berry GJ, Constanz BR, **Dalman RL**. Safety of peripheral arterial decalcification with Corazon CDS in canines. Circulation (suppl) 2000;102:II-423
10. **Dalman RL**. Hemodynamic influences on aneurysm development. J Vasc Surg 2001;33:1302-1304.
11. Nakahashi TK, Sho E, Hoshina K, Sho M, Masuda H, **Dalman RL**. Endothelial gelatinases and vascular wall regeneration in experimental aortic aneurysm. 2002 XIIth International Vascular Biology Meeting, May, Nagano, Japan.
12. Sho E, Nakahashi TK, Sho M, Hoshina K, Nanjo H, Masuda H, **Dalman RL**. Flow loading attenuates medial inflammation in experimental aneurysms. The FASEB Journal 2003;17:A-269.
13. Brin D, Casas-Bejar J, Chu J, **Dalman R**, Fernandes B, Ganesan P, et al. "Developing Drug/Device AAA Therapies: Local Drug Delivery Limits Aneurysm Enlargement." Medtronic 22nd Annual Science and Technology Conference, October 2003, Minneapolis.
14. **Dalman RL**. Hemodynamics and Progenitor Cells in AAA Disease. 2004 Joan L and Julius H Jacobson Research Initiatives in Vascular Disease Conference. Published on Vascularweb, © Lifeline Foundation: http:/lifeline.vascularweb.org/Lifeline_Contribution_Pages/Research%20Initiatives.

15. ASME Summer Bioengineering Conference 2005:
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    2. Greve JM, Les AS, O'Connell MK, Wilson NM, Sho E, **Dalman RL**, Taylor CA. "Development of Methods for Non-Invasive, Longitudinal Hemodynamic Analysis of AAA in Rodent Models Using Magnetic Resonance Imaging and Computational Fluid Dynamics".
    3. O'Connell MK, Murthy S, Feenstra P, **Dalman RL**, Taylor CA. "Contribution of Collagen and Elastin to Mechanical Properties of Normal and Aneurysmal Rat Aortas".
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Sponsored Research

1. Principal Investigator, 2005 SCCOR Proposal "AAA Disease: mechanism, stratification and treatment. Overall Program PI and Project Leader, Project IV: Evaluation of exercise therapy for small AAAs. 1 P50 HL 83800-01 2006-2011.

2. Principal Investigator, NIH NHLBI 2R01HL46338-01, "Mechano-biologic determinants of AAA disease," 10/01/99-09/30/2008.

3. Principal Investigator, "Mechano-Biologic of Experimental Abdominal Aortic Aneurysms," Sep. 2000-Present, (administered by the Palo Alto Institute for Research and Education, Inc. (PAIRE)).

4. Principal Investigator, Excelixis Pharmaceuticals. Efficacy of novel MMP inhibitors in limiting experimental AAA progression. 2007-2008.

5. Program Co-Director, K12 Award in Vascular Medicine. PI John Cooke MD, PhD. 2007-2012.

6. Co-Investigator, "In-vivo Quatification of Hemodynamic Conditions in the Human Abdominal Aorta During Lower Limb Exercise". PI – Charles A. Taylor PhD. Lucas Center Development Funds, Stanford University Departments of Radiology and Mechanical Engineering.

7. Co-Investigator, "Hemodynamic Determinants of AAA Disease following Spinal Cord Injury" PI – Charles A. Taylor PhD. Lucas Center Development Funds – Stanford and the VA Palo Alto Health Care System.

8. Co-Investigator, VA Cooperative Studies Program (CSP) #498; "Open vs. Endovascular Repair of Abdominal Aortic Aneurysms (OVER). PI – Bassem Safadi MD.

9. Consultant and Contract Investigator, "Design and Development of Local Drug Delivery Systems for Abdominal Aortic Aneurysm Disease", November 2002 – April 2003, Medtronic AVE, Santa Rosa, CA

10. Local Principal Investigator, Kos Pharmaceuticals; "The TROPIC study: The Dose Response of Niacin ER/Lovastatin on Peak Walking Time in Patients with Intermittent Claudication". 2003-2005 (administered by PAIRE).

11. Local Principal Investigator and Study Consultant, Genentech, Inc. "An Exploratory, Double-Blind, Randomized, Placebo-controlled Study Evaluating Topical Recombinant Human Vascular Endothelial Growth Factor (Telbermin) for Induction". 2003-2004. Administered by PAIRE.

9. Local Principal Investigator, VA CSP #410, The Iron (Fe) and atherosclerosis study (FeAST)," 1999-2001 (PI eligibility ended 1/01).

10. Local Principal Investigator, Sigma Tau Pharmaceuticals and the Colorado Prevention Center. "Safety and Efficacy of Propionyl L- Carnitine in Peripheral Arterial Disease (Intermittent Claudication) as Assessed by a Fixed Treadmill Protocol in a Diabetic Population. 2002-2003. (Administered by PAIRE).

11. Local Principal Investigator, Corgentech, Corp. "A Phase III, Multi-Center Randomized, Double-Blind, Placebo-Controlled Trial of the *Ex-Vivo* Treatment with CGT003 of Peripheral Vein Grafts in Patients Undergoing Peripheral Arterial Bypass Graft Procedures. 2002-2004.

12. Local Principal Investigator, Emory Clinical Outcomes Research Center and Otsuka Pharmaceuticals. "Healing of Ischemic Foot Ulcers with Cilostazol Trial (HEAL-IT)". 2002-2003. (PAIRE).

13. Local Principal Investigator, Otsuka America Pharmaceutical, Inc., "A Twelve-Week, Randomized, Double-Blind, Multicenter Study of the Safety and Efficacy of Three Oral Doses of OPC-28326 versus Placebo Tablets in patients with Intermittent Claudication Secondary to Peripheral Arterial Disease," 1999-2001, (PAIRE).

14. Local Principal Investigator, Ajinomoto Pharmaceuticals USA, Inc., "A Mutli-Center, Double-Blind, Placebo-Controlled Study of AT-1015 in Patients with Intermittent Claudication Due to Peripheral Arterial Disease," Aug. 1, 2000-Feb. 28, 2001 (approx.), (administered by the Palo Alto Institute for Research and Education, Inc. (PAIRE)).

15. Local Principal Investigator, Otsuka America Pharmaceutical, Inc., "A Twelve-Week, Randomized, Double-Blind, Multicenter, Pilot Study of the Safety and Efficacy of Four Low Dose Regimens of OPC-28326 versus Placebo Tablets in Patients with Intermittent Claudication Secondary to Peripheral Arterial Disease," 2000-2001, (administered by the Palo Alto Institute for Research and Education, Inc. (PAIRE)).

16. Principal Investigator, American Paraplegia Society, "The effect of spinal cord injury on the development of abdominal aortic aneurysms," Nov. 1, 1998 - Present, [administered by the Palo Alto Institute for Research and Education, Inc. (PAIRE)].

17. Local Principal Investigator, Berlex Laboratories, Inc., "A Randomized, double-blind, placebo controlled, dose response, efficacy and safety study of Iloprost clathrate extended-release capsules in patients with peripheral arterial occlusive disease (PAOD) (Fontaine Stage II)," Sep. 1, 1998-Aug. 31, 1999, [administered by the Palo Alto Institute for Research and Education, Inc. (PAIRE)].

18. Co-investigator; "An Investigation of the TALENT endoluminal spring stent-graft system for the treatment of the sub-renal abdominal aortic aneurysms in patients who are candidates for standard surgical intervention (Low Risk stock device study) 2003- PI – Christopher K. Zarins MD

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aneurysms (AAA) compared to open surgical repair. Medtronic AVE IDE (G960016/S068) 1997-8.

22. Principal Investigator, 1996 OTL (Office of Technology and Licensing) Research Incentive Fund, Stanford University, "Gene expression during adaptation to mesenteric ischemia," 1997-1998. Advisor for Wong Moon, M.D.

23. Principal Investigator, American Heart Association, California Affiliate, Grant-in-Aid #95-255, "Intestinal adaptation to chronic mesenteric ischemia," 1995-1997.

24. Local Principal Investigator, Otsuka America Pharmaceutical Co, "Prospective, randomized trial of cilostazol for intermittent claudication," 1993-1996, (administered by thePalo Alto Institute for Research and Education).

25. Principal Investigator, Palo Alto Institute for Research and Education. "Rodent model of flow mediated arterial enlargement," 1996-1998.

26. NIH Training Grant in Academic Gastroenterology (#DK07056) from the Digestive Diseases Center,. Advisor on Fellowship for: Wong K. Moon, M.D., 7/96-6/97.

27. Collaborator, National Institutes of Heart and Lung Diseases, Grant #HL50305, "Three dimensional CT angiography" (Sandy Napel, PhD, PI), 1995-2000.

28. Co-investigator , National Institute of Diabetes and Digestive and Kidney Diseases R-29 (FIRST) Award, "Non-invasive diagnosis of mesenteric ischemia with MRI," 1993-1998, NIDDKD (#DK46901), (Li KCP, MD,PI).

29. Otsuka America Pharmaceutical Co., "Open trial of cilostazol in intermittent claudication", 1993-1997.

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31. Unrestricted gift, Research Account of Roy Cohn, MD, Professor Emeritus, Stanford University, 1993 (complete).

32. Palo Alto Institute for Research and Education, unrestricted funding 1992 (complete).