

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Joshua M. Spin, M.D. Ph.D.		POSITION TITLE Instructor in Cardiovascular Medicine	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Cornell University, Ithaca, NY	B.A.	1985-1989	Biophysics
Boston University School of Medicine, Boston, MA	M.D.-Ph.D.	1989-1997	Medicine/Biophysics
Stanford University School of Medicine, Stanford, CA		1997-2000	Medicine Residency
Stanford University School of Medicine, Stanford, CA		2000-2003	Cardiology Fellowship
Stanford University School of Medicine, Stanford, CA		2003-2004	Postdoctoral Fellowship
Certified Diplomate		2000-2010	Internal Medicine
Certified Diplomate		2003-2013	Cardiovascular Medicine

Employment

1989-1997	M.D.-Ph.D. Student, Boston University School of Medicine, Boston, MA
1990	*Research Technician, Boston University School of Medicine, Pathology Department, Boston, MA (Supervisors: Michael Watkins M.D., Christian Haudenschild Ph.D.)
1991-95	Graduate Student, Boston University School of Medicine, Biophysics Department, Boston, MA (Mentor: David Atkinson Ph.D.)
1991-94	Fellow, NRSA Molecular Biophysics Training Program Fellowship, Boston University School of Medicine, Biophysics Department, Boston, MA (Director: Kenneth Rothschild)
1997-1998	Intern, Department of Medicine, Stanford University Hospital and Clinics, Stanford, CA (Chair: Dr. Judith Swain)
1998-2000	Resident, Department of Medicine, Stanford University Hospital and Clinics, Stanford, CA (Chair: Dr. Judith Swain)
2000-2003	Clinical Fellow, Division of Cardiovascular Medicine (Chair: Dr. Thomas Quertermous), Stanford University Hospital and Clinics, Stanford, CA
2002-present	*Medical Staff, Veterans Administration Health Care System, Palo Alto Division (ER Director: Dr. Don Schreiber), Palo Alto, CA
2002-present	*Medical Staff, Veterans Administration Health Care System, Menlo Park Division (Director: Dr. Jon Fuller), Palo Alto, CA
2003-2004	Postdoctoral Fellow, Division of Cardiovascular Medicine (Mentor: Dr. Thomas Quertermous), Stanford University Hospital and Clinics, Stanford, CA
2004-present	Instructor, Division of Cardiovascular Medicine, Stanford University Hospital and Clinics, Stanford, CA (Co-Interim Chair: Dr. Harry B. Greenberg)
2005-present	*Medical Staff, Stanford University Hospital and Clinics (Director: Lawrence Shuer) Stanford, CA

Part-time positions indicated by *; remainder are full-time.

Honors

1989 Golden Key Honor Society
 1987 Alpha Epsilon Delta Pre-Medical Honor Society
 1989 Honors in Biophysics, Cornell University
 1989 Bachelor of Arts, *Cum Laude*, Cornell University
 1990 Elizabeth K. Moyer Anatomy Award
 1991 Alpha Omega Alpha Medical Honor Society (Junior)
 1991-1994 Awarded NRSA Molecular Biophysics Training Program Fellowship
 1995 Henry I. Russek Student Achievement Day Runner-Up
 1997 Doctor of Medicine-Doctor of Philosophy, with honors, Boston University School of Medicine
 2002-2003 Awarded Stanford University Dean's Fellowship
 2002-2004 Awarded Ruth L. Kirschstein National Research Service Individual Fellowship
 2004-present Awarded Donald W. Reynolds Cardiovascular Fellowship

Societies and Professional Memberships

1997-2000 American College of Physicians, Associate
 1991-present Alpha Omega Alpha Medical Honor Society
 2000-present American College of Cardiology – Affiliate in Training
 2003-present American Heart Association, Council on Arteriosclerosis, Thrombosis and Vascular Biology, Member

Publications in chronological order**Original Research**

1. **Spin JM** and Atkinson D. Structure of low density lipoprotein in vitreous ice. Abstracts: 37th Annual Meeting of Biophysical Society. Washington, DC (1993) 64,2:A286 [abstract]
2. **Spin JM** and Atkinson D. Cryoelectron microscopy of low density lipoprotein in vitreous ice. (1995) Biophysical Journal. 68(5):2115-23
3. **Spin JM**. Cryoelectron microscopy studies of low density lipoprotein in vitreous ice. (Publication March 31, 1997)[dissertation]
4. **Spin JM**. Hemochromatosis presenting as atrial fibrillation and heart failure after treatment for prostate cancer – a case report. Abstract Associates Competition, American College of Physicians Northern California Region Scientific Meeting. San Francisco, CA (1998) [abstract]
5. **Spin J**. Abnormal ECG after extensive maxillofacial surgery. (1999) Hospital Practice. 34(11):27-8
6. **Spin JM**, Prakash M, Froelicher VF, Partington S, Marcus R, Do D, Myers J. The prognostic value of exercise testing in elderly males. (2001) American Journal of Medicine. 112(6):453-9
7. Shaikh S, Shaikh N, Chun SH, **Spin JM**, Blumenkranz MS, Marmor MF. Retinal evaluation of patients on chronic amiodarone therapy. (2003) Retina, 23(3):354-9
8. Lai S, Kaykha A, Yamazaki T, Goldstein M, **Spin JM**, Myers J, Froelicher VF. Treadmill scores in elderly men. (2004) Journal of the American College of Cardiology, 43(4):606-15
9. Ishida T, Choi SY, Kundu RK, **Spin J**, Tomoya Y, Hirata K, Kojima Y, Yokoyama M, Cooper AD, Quertermous T. Endothelial lipase modulates susceptibility to atherosclerosis in apolipoprotein-E deficient mice. (2004) Journal of Biological Chemistry, 279(43):45085-92.

10. **Spin JM**, Nallamshetty S, Tabibiazar R, Ashley EA, King JY, Chen M, Tsao PS, Quertermous T. Transcriptional profiling of in vitro smooth muscle cell differentiation identifies specific patterns of gene and pathway activation. (2004) *Physiological Genomics*, 19:292-302.
11. Tabibiazar R, Wagner RA, **Spin JM**, Ashley EA, Narasimhan B, Rubin EM, Efron B, Tsao PS, Tibshirani R, Quertermous T. Mouse strain-specific differences in vascular wall gene expression and their relationship to vascular disease. (2005) *Arteriosclerosis, Thrombosis, and Vascular Biology*, 25:1-7.

Non-experimental Articles

1. **Spin JM**, and Vagelos RH. Early use of statins in acute coronary syndrome. (2002) *Current Cardiology Reports*. 4(4):289-97. [review]