

BIOGRAPHICAL SKETCH

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NAME David S. Sheps, MD, MSPH		POSITION TITLE Professor of Medicine	
eRA COMMONS USER NAME Shepsdavids			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of North Carolina, Chapel Hill NC	BA	1961-1965	English
University of North Carolina, Chapel Hill NC	MD	1965-1969	Medicine
University of North Carolina, Chapel Hill NC	MSPH	1986-1988	Epidemiology

A. Positions and Honors.Experience:

1969-70	Intern, Department of Medicine, Mt. Sinai Hospital, New York, NY
1970-72	Resident, Department of Medicine, Mt. Sinai Hospital, New York, NY
1972-74	Fellow in Cardiology, Yale University School of Medicine, New Haven, CT
1974-78	Asst. Professor of Medicine, Division of Cardiology, University of Miami
1978-79	Assoc. Professor of Medicine, Division of Cardiology, University of Miami
1979-88	Assoc. Professor of Medicine, Division of Cardiology, University of North Carolina at Chapel Hill
1988-97	Professor of Medicine, Division of Cardiology, University of North Carolina at Chapel Hill
1997-99	Chair of Cardiology, School of Medicine, East Tennessee State University
1999-Pres	Assoc. Director, Division of Cardiovascular Medicine, School of Medicine, University of Florida
2002-Pres	Editor-in-Chief, <i>Psychosomatic Medicine</i>

Honors:

Alpha Omega Alpha (1969); William B. Thrasher Psychiatry Award (1969)

- Sheffield D, Krittayaphong R, Cascio WE, Light KC, Golden RN, Finkel JB, Glekas G, Koch GG, Sheps DS: Heart rate variability at rest and during mental stress in patients with coronary artery disease: differences in patients with high and low depression scores. *Int J Behav Med* 75(1):31-47,1997.
- Sheps DS, McMahon RP, Pepine CJ, Stone PH, Goldberg AD, Taylor H, Cohen JD, Becker LC, Chaitman B, Knatterud GL, Kaufmann PG. Heterogeneity among cardiac ischemic and anginal responses to exercise, mental stress and daily life. *Am J Cardiol* 82:7,1998.
- Sheps DS, McMahon RP, Pepine CJ, Stone PH, Goldberg AD, Taylor H, Cohen JD, Becker LC, Chaitman B, Knatterud GL, Kaufmann PG: Heterogeneity among cardiac ischemic and anginal responses to exercise, mental stress and daily life. *Am J Cardiol* 82(1):1-6,1998.
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- Sheffield D, Kirby DS, Biles PL, Sheps, DS: Comparison of perception of angina pectoris during exercise testing in African-Americans versus Caucasians. *Am J Cardiol* 83(1):106-8A,1999.
- Egan D, Garg R, Wilt TJ, Pettinger MB, Davis K, Crouse JR, Herd A, Hunninghake D, Sheps DS, Kostis JB, Probstfield MD, Waclawiw MA, Applegate WB, Elam MB for the ADMIT Investigators: Rationale and design of the arterial disease multiple intervention trial. *Am J Cardiol* 83(4):569-75,1999.
- Sheps DS, McMahon RP, Light KC, Maixner W, Pepine CJ, Cohen JD, Goldberg AD, Bonsall R, Carney R, Stone PH, Sheffield D, Kaufmann PG and the PIMI Investigators: Low hot pain threshold predicts shorter time to exercise-induced angina: Results from the Psychophysiological Investigations of Myocardial Ischemia (PIMI) study. *J Amer Coll Cardiol* 33:1855-6,1999.
- Stone PH, Krantz DS, McMahon RP, Goldberg AD, Becker LC, Chaitman BR, Taylor HA, Cohen JD, Freedland KE, Bertolet BD, Coghlan C, Pepine CJ, Kaufmann PG, Sheps DS: Relationship among mental stress-induced ischemia and ischemia during daily life and exercise: The Psychological Investigations of Myocardial Ischemia (PIMI) study. *J Amer Coll Cardiol* 33(6):1476-1484,1999.
- Ketterer MW, Freedland KE, Krantz DS, Kaufmann P, Forman S, Greene A, Raczynski J, Knatterud G, Light K, Carney RM, Stone P, Becker L, Sheps D for the PIMI Investigators: Psychological correlates of mental stress induced ischemia in the

- laboratory: The Psychological Investigations of Myocardial Ischemia (PIMI) Study. *J Health Psychol* 5(1):75-85,2000.
21. ENRICHED Investigators and Clinical Centers: Enhancing Recovery in Coronary Heart Disease Patients (ENRICHED): Study design and methods. *Am Heart J* 139:1,2000.
 22. Sheffield D, Biles PL, Orom H, Maixner W, Sheps DS: Race and sex differences in cutaneous pain perception. *Psychosom Med* 62:517-523, 2000.
 23. Krantz DS, Sheps DS, Carney RM, Natelson BH: Effects of mental stress in patients with coronary artery disease: Evidence and clinical implications. *JAMA* 283(14):1-3,2000.
 24. Elam MB, Hunninghake DB, Davis KB, Garg R, Johnson C, Egan D, Kostis JB, Sheps DS, Brinton EA, on behalf of the ADMIT Investigators. Effect of niacin on lipid and lipoprotein levels and glycemic control in diabetes with peripheral arterial disease: The ADMIT Study. *JAMA*, 2000;284(10):1263-1270
 25. Garg R, Elam MB, Crouse III JR, Davis KB, Kennedy JW, Egan D, Herd JA, Hunninghake DB, Johnson WC, Kostis JB, Sheps DS, Applegate WB, for the ADMIT Investigators. Effective and safe modification of multiple atherosclerotic risk factors in patients with peripheral arterial disease. *Am Heart J* 2000;140:792-803.
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 28. Sheps DS, McMahan RP, Becker L, Carney RM, Freedland KE, Cohen JD, Sheffield D, Goldberg AD, Ketterer MW, Pepine CJ, Raczynski JM, Light K, Krantz DS, Stone PH, Knatterud GL, Kaufmann PG. Mental stress-induced ischemia and all-cause mortality in patients with coronary artery disease: Results from the Psychological Investigations of Myocardial Ischemia Study. *Circulation*. 2002; 105:1780-84.
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 30. Kim CK, Bartholomew BA, Sheffield D, Mastin ST, Taasan VC, Carson KM, Sheps DS. Detection and reproducibility of mental stress induced myocardial ischemia utilizing Tc-99m Sestamibi in normal and coronary artery disease populations. *J Nuclear Cardiology*. 2003; 10:56-62.
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 33. Bartholomew BA, Sheps DS, Monroe S, McGorray S, Smith K, Pepine CJ: A Population-Based Evaluation of the Thrombolysis in Myocardial Infarction Risk Score for Unstable Angina and Non-ST Elevation Myocardial Infarction. *Clin Cardiol* Feb 2004; (27) 74-78.
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 35. Redberg R, Cannon RO, Bairey Merz N, Lerman A, Reis SE, Sheps DS: Women's Ischemic Syndrome Evaluation: Current Status and Future Research Directions. Report of the NHLBI Workshop, Oct 2-4, 2002 - Stable Ischemia: Pathophysiology and Gender Differences. *Circulation* 2004 Feb; 109:e47-e49.
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 37. Blumenthal JA, Babyak M, Carney R, Humber M, Saab PG, Burg MM, Sheps DS, Powell L, Taylor CB, Kaufmann P. Exercise and Mortality after Acute Myocardial Infarction. *Med Sports Sci Ex* 2004.
 38. Sheps DS, Creed F, Clouse RE. Chest Pain in Patients with Cardiac and Noncardiac Disease. *Psycho Med* 2004 Nov-Dec; (66) 861-867.
 39. Sheps DS, Frasure-Smith N, Freedland KE, Carney RM. The INTERHEART Study: Intersection Between Behavioral and General Medicine. *Psycho Med* 2004 Nov-Dec; (66) 797-798.
 40. Carney RM, Sheps DS. Depression is a Risk Factor for Mortality in Coronary Heart Disease. *Psycho Med* 2004 Nov-Dec; (66) 799-800
 41. Pepine CJ, Sheps DS, Glassman AH, O'Connor CM. Cardiovascular Disease and Depression Newsletter, September 10, 2004. Sponsored by ACC. Publication based on content from Cardiovascular Disease and Depression, a series of live teleconference/webcasts presented from May 17-June 9, 2004.
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 43. Ramachandruni S, Fillingim R, McGorray S, Schmalfuss C, Cooper G, Schofield R, Sheps DS. Mental Stress Provokes Ischemia in Some Coronary Artery Disease Patients without Exercise/Adenosine Induced Ischemia. *Journal of the American College of Cardiology*. Dec 2005. In Press.

44. Sheps D. Behavioral Cardiology: In Need of Direction. *Cardiology*. March 2005; (34) 2-3.
45. Pusey A, Ramachandrani S, Sheps D. What is the Current View of the Role of Stress in the Causation of CAD? *Dialogues in Cardiovascular Medicine* 2005, 10(2):96-101.
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47. Ramachandrani S, Handberg E, Sheps DS. Acute and Chronic Psychological Stress in Coronary Disease. *Curr Opin Cardiol*. 2004 Sep; 19(5):494-499. Review.
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50. Freedland KE, Babyak MA, McMahon RJ, Jennings JR, Golden RN, Sheps DS. Statistical Guidelines for Psychosomatic Medicine. 2005 Mar-Apr; 67(2):167.
51. Smoller JW, Pollack MH, Wassertheil-Smoller S, Brunner R, Curb D, Torner J, Oberman A, Hendrix S, Hsia J, Sheps DS. Panic Attacks, Daily Life Ischemia and Chest Pain in Postmenopausal Women. *Archives of Internal Medicine*, Dec 2006, In Press.

Ongoing Research Support

Principal Investigator –: “Mindfulness Base Stress Reduction and Myocardial Ischemia”

Supported by the National Institutes of Health

Dates: May 1, 2003 – April 30, 2008

Principal Investigator : “Psychological Stress and Risk of Cardiac Events”

Supported by the National Institutes of Health

Dates: July 1, 2004 2003 -May 31, 2009

Collaborator : “Uric Acid in African-Americans” Mark Segal (PI)

Supported by the National Institutes of Health

Completed or Previously Funded

RO1 HD47477 Sheps (PI) 7/1/97 – 6/30/03

NIH/NHLBI Exercise and Psychological Stress-Induced Ischemia

This study looks at the relationship of mental stress and pain perception.

RO1 HL64580 Sheps (PI) 7/1/99- 6/30/03

NIH/NHLBI Pain and Beta-Endorphin Response in Men and Women: A Descriptive Study

This study examines gender differences in pain sensitivity in patients with stable angina, and in normal individuals.

Glaxo-Wellcome Sheps (PI) 7/1/97 – 6/30/05

“The Prevalence and Prognostic Importance of Myocardial Ischemia During Daily Life

This is an ancillary study to the Women’s Health Initiative.”

Role: PI (10%)

Total cost: \$462,226