

BIOGRAPHICAL SKETCH

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NAME Fortmann, Stephen P.		POSITION TITLE C. F. Rehnberg Professor in Disease Prevention Professor of Medicine (General Internal Medicine) Director, Stanford Prevention Research Center		
eRA COMMONS USER NAME FORTMANN.STEPHEN				
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)				
INSTITUTION AND LOCATION		DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Stanford University, Stanford, CA		A.B.	1966-1970	Biology
UC San Francisco, CA		M.D.	1970-1974	Medicine
Santa Clara Valley Medical Center, San Jose, CA		Intern	1974-1975	Medicine
Santa Clara Valley Medical Center, San Jose, CA		Resident	1975-1977	Medicine
Stanford University School of Medicine, Stanford CA		Fellow	1977-1979	Epidemiology/Prevention

A. Positions and Honors

1979-1982	Clinical Instructor, Department of Medicine, Stanford University (SU)
1982-1989	Assistant Professor, Department of Medicine, SU
1990-1999	Associate Professor, Department of Medicine and (by courtesy) Division of Epidemiology, SU
1999-	C. F. Rehnberg Professor, Department of Medicine; Professor (by courtesy) of Epidemiology, SU
1984-1988	Associate Director, Stanford Center for Research in Disease Prevention, SU
1988-1997	Deputy Director, Stanford Center for Research in Disease Prevention, SU
1998-	Director, Stanford Prevention Research Center, SU
1979-	Attending Physician, Stanford Hospital and Clinics
1979-1992	Co-Director, Preventive Cardiology Clinic, SU
1992-	Director, Preventive Cardiology Clinic, SU
1983-1987	Co-Director, CVD Epidemiology and Prevention Training Program, SU
1987-	Director, CVD Epidemiology and Prevention Training Program, SU

Honors: Elected Member, Institute of Medicine; Fellow, American College of Physicians; Fellow, American Heart Association; Fellow, American College of Epidemiology; Fellow, Society for Behavioral Medicine

B. Selected Peer-Review Publications (total = 164)

- Fortmann SP, Varady AN. Effects of a community-wide health education program on cardiovascular disease morbidity and mortality: The Stanford Five-City Project. *Am J Epidemiol* 2000; 152: 316-323.
- Killen JD, Fortmann SP, Schatzberg AF, Hayward C, Sussman L, Rothman M, Strausberg L, Varady A. Nicotine patch and paroxetine for smoking cessation. *J Consult Clin Psych* 2000; 68: 883-889.
- Wrone EM, Zehnder JL, Hornberger JM, McCann LM, Coplon NS, Fortmann SP. An MTHFR variant, homocysteine, and cardiovascular comorbidity in renal disease. *Kidney International* 2001; 60: 1106-1113.
- Killen JD, Fortmann SP, Kraemer HC, Varady A. Do men outperform women in smoking cessation studies? Maybe — but not by much. *Experimental and Clinical Psychopharmacology* 2002; 10: 295-301.
- Henriksen L, Flora JA, Feighery EC, Fortmann SP. Effects on youth of exposure to retail tobacco advertising. *J Applied Social Psych* 2002; 32: 1771-1789.
- Henriksen L, Fortmann SP. Young adults' opinions of Philip Morris and its television advertising. *Tobacco Control* 2002; 11: 236-240.
- Wrone EM, Carnethon MR, Palaniappan L, Fortmann SP. Association of dietary protein intake and microalbuminuria in healthy adults: Third National Health and Nutrition Examination Survey. *Am J Kidney Dis* 2003; 41:580-587.
- Carnethon MR, Fortmann SP, Palaniappan L, Duncan BB, Schmidt MI, Chambless LE. Risk factors for progression to incident hyperinsulinemia: The Atherosclerosis Risk in Communities Study, 1987-1998. *Am J Epidemiol* 2003; 158:1058-1067.
- Palaniappan L, Carnethon MR, Wang Y, Hanley AJG, Fortmann SP, Haffner SM, Wagenknecht L. Predictors of incident metabolic syndrome in adults: The Insulin Resistance Atherosclerosis Study. *Diab Care* 2004; 27:788-793.
- Wrone EM, Hornberger JM, Zehnder JL, McCann LM, Coplon NS, Fortmann SP. Randomized trial of folic acid for prevention of cardiovascular events in end-stage renal disease. *J Am Soc Nephrol* 2004; 15: 420-426.
- Palaniappan L, Wang J, Fortmann SP. Coronary heart disease mortality for six ethnic groups in California 1990 - 2000. *Ann Epidemiol* 2004; 14: 499-506.

- Henriksen L, Feighery EC, Schleicher NC, Haladjian HH, Fortmann SP. Reaching youth at the point of sale: Cigarette marketing is more prevalent in stores where adolescents shop frequently. *Tobacco Control* 2004; 13: 315-318.
- Henriksen L, Feighery EC, Wang Y, **Fortmann SP**. Association of retail tobacco marketing with adolescent smoking. *Am J Public Health* 2004; 94: 2081-2083.
- Henriksen L, Dauphinee AL, Wang Y, **Fortmann SP**. Industry-sponsored anti-smoking ads and adolescent reactance: Test of a boomerang effect. *Tobacco Control* 2006; 15:13-18.
- Go AS, Iribarren C, Chandra M, Lathon PV, **Fortmann SP**, Quertermous T, Hlatky MA for the Atherosclerotic Disease, Vascular Function and Genetic Epidemiology (ADVANCE) Study. Statin and β -blocker therapy and the initial presentation of Coronary Heart Disease. *Ann Intern Med* 2006; 144: 229-238.
- Killen JD, **Fortmann SP**, Murphy GM, Hayward C, Arredondo CJ, Crompton D, Celio M, Abe L, Wang Y, Schatzberg AF. Efficacy of extended treatment with bupropion for cigarette smoking cessation. *J Consult Clin Psych* 2006; 74: 286-294.
- Taylor-Piliae RE, Norton LC, Haskell WL, Mahbouda MH, Fair JM, Iribarren C, Hlatky MA, Go AS, **Fortmann SP**. Validation of a new brief physical activity survey among men and women aged 60-69 years. *Am J Epidemiol*. 2006 Sep 15;164(6):598-606.
- Feighery EC, Henriksen L, Wang Y, Schleicher NC, **Fortmann SP**. An evaluation of four measures of adolescents' exposure to cigarette marketing in stores. *Nic Tobac Res* 2006; 8: 751-759.
- Iribarren C, Go AS, Husson G, Sidney S, Fair JM, Quertermous T, Hlatky MH, **Fortmann SP**. Metabolic syndrome and early-onset coronary artery disease: Is the whole greater than its parts?. *J Am Coll Cardiol* 2006; 48: 1800-1807.
- Hurtz SQ, Henriksen L, Wang Y, Feighery EC, Fortmann SP. The relationship between exposure to retail alcohol advertising, owning alcohol promotional items, and adolescent alcohol use. *Alcohol Alcohol* 2007;42(2):143-149.
- Iribarren C, Husson G, Go AS, Lo JC, Fair JM, Rubin GD, Hlatky MA, **Fortmann SP**. Plasma leptin levels and coronary artery calcification in older adults. *J Clin Endocrinol Metab* 2007; 92: 729-32.
- Kennedy BS, **Fortmann SP**, Winkleby MA, Stafford RS. Elective and isolated carotid endarterectomy: health disparities in utilization and outcomes, but not readmission. *J Nat Med Assoc* 2007; 99:480-488.
- Taylor-Piliae RE, Haskell WL, Iribarren C, Norton LC, Mahbouda MH, Fair JM, Hlatky MA, Go AS, **Fortmann SP**. Clinical utility of the Stanford Brief Activity Survey in men and women with early-onset coronary artery disease. *J Cardiopulm Rehab Prev* 2007; 27:227-232.
- Fair JM, Kiazand A, Varady AN, Mahbouda MH, Norton L, Rubin G, Iribarren C, Go AS, **Fortmann SP**. Ethnic differences in coronary artery calcium in a healthy cohort aged 60 to 69 years. *Am J Cardiol* 2007;100:981-985.
- Ardigo D, Assimes T, **Fortmann SP**, Go AS, Hlatky M, Hytopoulos E, Iribarren C, Tsao PS, Tabibiazar R, Quertermous T. Circulating chemokines accurately identify individuals with clinically significant atherosclerotic heart disease. *Physiol Genomics* 2007; 31: 402-409 [first published Aug 14, 2007; doi:10.1152/physiolgenomics.00104.2007; PMID: 17698927].
- Assimes TL, Knowles JW, Priest JR, Basu A, Borchert A, Volcik KA, Grove ML, Tabor HK, Southwick A, Tabibiazar R, Sidney S, Boerwinkle E, Go AS, Iribarren C, Hlatky MA, **Fortmann SP**, Myers RM, Kuhn H, Risch N, Quertermous T. A near null variant of 12/15-LOX encoded by a novel SNP in ALOX15 and the risk of coronary artery disease. *Atherosclerosis* 2007; Oct 22; [Epub ahead of print; PMID: 17959182].
- Hlatky MA, Quertermous T, Myers RM, Boothroyd DB, **Fortmann SP**, Iribarren C, Tabor HK, Assimes TL, Tibshirani RJ, Go AS. Polymorphisms in Hypoxia Inducible Factor 1 and the Initial Clinical Presentation of Coronary Disease. *Am Heart J* 2007; 154: 1035-1042.
- Hlatky MA, Ashley E, Quertermous T, Boothroyd DB, Ridker P, Southwick A, Myers RM, Iribarren C, **Fortmann SP**, Go AS, for the Atherosclerotic Disease, Vascular Function and Genetic Epidemiology (ADVANCE) Study. Matrix metalloproteinase circulating levels, genetic polymorphisms, and susceptibility to acute myocardial infarction among Knowles JW, Wang H, Itakura H, Southwick A, Myers RM, Iribarren C, **Fortmann SP**, Quertermous T, Hlatky MA. Association of polymorphisms in platelet and hemostasis system genes with acute myocardial infarction. *Am Heart J* 2007; 154: 1052-1058.
- Itakura H, Sobel BE, Boothroyd D, Leung LL, Iribarren C, Go AS, **Fortmann SP**, Quertermous T, Hlatky MA for the Atherosclerotic Disease, Vascular Function and Genetic Epidemiology (ADVANCE) Study. Do plasma biomarkers of coagulation and fibrinolysis differ between patients who have experienced an acute myocardial infarction versus stable exertional angina? *Am Heart J* 2007; 154: 1059-1064.
- Henriksen L, Schleicher NC, Feighery EC, **Fortmann SP**. Receptivity to alcohol marketing predicts drinking initiation. *J Adolesc Health* 2008; 42: 28-35.
- Burt JR, Iribarren C, Fair JM, Norton LC, Mahbouda M, Rubin GD, Hlatky MA, Go AS, **Fortmann SP**; for the Atherosclerotic Disease, Vascular Function and Genetic Epidemiology (ADVANCE) Study. Incidental findings on cardiac multidetector row computed tomography among healthy older adults: Prevalence and clinical correlates. *Arch Intern Med* 2008;168:756-761.
- Fortmann SP**. Invited Commentary. Race, ethnicity, biology, and medical research: A modest proposal. *Curr Cardiovasc Risk Reports* 2008; 2: 167-168.

Killen JD, **Fortmann SP**, Schatzberg AF, Arredondo C, Murphy G, Hayward C, Celio M, Crompton D, Fong D, Pandurangi M. Extended Cognitive behavior therapy for cigarette smoking cessation. *Addiction* 2008; 103: 1381–1390.

Assimes TL, Knowles JW, Basu A, Iribarren C, Southwick A, Tang H, Absher D, Lic J, Fair JM, Rubin GD, Sidney S, **Fortmann SP**, Go AS, Hlatky MA, Myers RM, Risch N, Quertermous T. Susceptibility locus for clinical and subclinical coronary artery disease at chromosome 9p21 in the multi-ethnic ADVANCE Study. *Hum Mol Genet* 2008;17:2320-2328.

Assimes TL, Knowles JW, Priest JR, Basu A, Volcik KA, Southwick A, Tabor HK, Hartiala J, Allayee H, Grove ML, Tabibiazar R, Sidney S, **Fortmann SP**, Go A, Hlatky MA, Iribarren C, Boerwinkle E, Myers R, Risch N, Quertermous T. Common polymorphisms of ALOX5 and ALOX5AP and risk of coronary artery disease. *Hum Genet* 2008; 123: 399-408.

Terashima M, Nguyen PK, Rubin GD, Iribarren C, Courtney BK, Go AS, **Fortmann SP**, McConnell MV. Impaired coronary vasodilation by magnetic resonance angiography is associated with advanced coronary artery calcification. *J. Am. Coll. Cardiol. Img.* 2008;1;167-173.

Henriksen L, Feighery EC, Schleicher NC, Cowling DW, Kline RS, **Fortmann SP**. Is adolescent smoking related to the density and proximity of tobacco outlets and retail cigarette advertising near schools? *Prev Med.* 2008 Aug;47(2):210-4 [Epub 2008 Apr 29].

Iribarren C, Hlatky MA, Chandra M, Fair JM, Rubin GE, Go AS, Burt JR, **Fortmann SP** for the Atherosclerotic Disease, Vascular Function and Genetic Epidemiology (ADVANCE) Study. Incidental pulmonary nodules on cardiac computed tomography: prognosis and use. *Am J Med* 2008; 121: 989-996.

Lee KL, **Fortmann SP**, Fair JM, Iribarren C, Rubin GD, Varady A, Go AS, Quertermous T, Hlatky MA. Insulin resistance independently predicts the progression of coronary artery calcification. *Am Heart J* 2009;157:939-45

C. Research Support

Ongoing Research Support

2 T32 HLO7034-31 Fortmann (PI), Director
NIH/NHLBI

08/1/06 –07/31/11

Cardiovascular Disease Prevention Training Program

This Training Program is an institutional National Research Service Award with 8 postdoctoral positions; it provides training for behavioral scientists and physicians in interdisciplinary CVD prevention research.

2 RO1 CA67850 Fortmann (PI)
NIH/NCI

08/02/05-04/30/10

Impact of Retail Tobacco Advertising on Youth Smoking

This project is a longitudinal survey to determine effects of exposure to retail tobacco advertising on smoking initiation.

5R01 DA017457 (Killen)

NIH (NIDA)

09/30/03-7/31/10

Selegiline Patch for Treatment of Nicotine Dependence

To conduct the *first* randomized controlled trial of the efficacy of selegiline patch for the treatment of nicotine dependence.

Role: Co-PI

17RT-0152 (Henriksen)

07/01/08-06/30/11

Tobacco-Related Disease Research Program (TRDRP)

Association of Outlet Density with Smoking and Pack Price

This study seeks to understand whether the concentration of stores that sell cigarettes in a neighborhood, and the widespread cigarette advertising these stores contain, create an environment that promotes tobacco use.

Role: Co-PI

U54 RR0234374 (Greenberg)

05/19/08-4/30/13

NIH

The Stanford Center for Clinical and Translational Education and Research (Spectrum)

This is Stanford's Clinical and Translational Science Award (CTSA) which provides extensive infrastructure support for conducting these types of research.

Role: Community Engagement Program Director

R01DK081371-01 (Palaniappan)

01/15/09-12/31/13

NIH/NIDDK

Identifying Disparities in Type 2 Diabetes Among Asian Americans: The Pan Asian Cohort Study (PACS)

This study addresses the substantial gap in existing knowledge regarding diabetes risk in Asian racial/ethnic minorities. This study will provide a greater understanding of diabetes among Asian ethnic minorities in a comparable environment, and will contribute both to a global understanding of risk for Asian populations and to more targeted research, public health and clinical efforts throughout the U.S. This study is being conducted at the Palo Alto Medical Foundation Research Institute.

Role: Co-PI

18XT-0101 (Henriken)

07/01/09-06/30/11

The University of California Office of the President/TRDRP

Modeling and mapping changes in tobacco outlet density

The aims of this exploratory research are to model changes in tobacco outlet density in CA urban areas and in high school neighborhoods, to relate changes to neighborhood demographics, and to map "hotspots" with higher than expected increases in outlet density.

Completed Research Support (past 3 years)

1 R01 HL87647-01 (Quertermous)

09/30/06–07/31/09

NIH (NHLBI)

Whole Genome Association for Early Coronary Artery Disease and Related Phenotypes

Among the Atherosclerotic Disease, Vascular Function, and Genetic Epidemiology (ADVANCE) cohorts that include coronary disease cases and disease-free controls across a broad age spectrum, we are conducting a whole genome association study on 1,040 subjects, followed by a second stage of focused genotyping on a separate sample of 2,093 subjects, as well as an external replication of the most significant findings.

Role: Investigator

1R01 DA017441 Killen (PI)

09/30/03–06/30/09*

NIH (NIDA)

Behavioral Maintenance Treatment for Smoking Cessation

To examine the effectiveness of a multi-factor maintenance treatment strategy in promoting longer-term smoking abstinence in 400 adult smokers.

Role: Co-PI

American Cancer Society, Inc., Fortmann (PI)

07/30/07-07/29/08

Colloquium Series to Discuss an International Tobacco Control Program

During academic year 2007-2008, this award will sponsor the Stanford Global Tobacco Free Research Initiative in a series of colloquia presented by international tobacco-control experts.

14RT-0103 (Henriksen)

07/01/05-12/31/07

TRDRP (Univ. of California)

Effects of Outlet/Ad Density on Teen Smoking and Brand Choice

This study will describe the density of tobacco outlets and the quantity and nature of retail marketing materials for cigarettes near California high schools.

Role: Co-PI