

---

**BIOGRAPHICAL SKETCH**

---

NAME	POSITION TITLE
Frank E. Speizer	Senior Physician, Brigham and Women's Hospital Edward H. Kass Professor of Medicine, Harvard Medical School

**EDUCATION/TRAINING**

INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
Stanford University, Palo Alto, CA	A.B.	1957	Biology
Stanford University, Palo Alto, CA	M.D.	1960	Medicine
Harvard University, Boston, MA	A.M. (Hon.)	1989	

**Positions and Honors**

1960-1961	Internship, USPHS Hospital, Baltimore MD
1961-1963	Research Fellow, Department of Physiology, Harvard School of Public Health, Boston, MA
1963-1964	Assistant Resident, II and IV Medical Service, Boston City Hospital, Harvard Medical School
1964-1965	Senior Resident, Stanford Medical Service, Stanford-Palo Alto Hospital, Palo Alto, CA
1965-1966	Chief Resident in Medicine, Stanford Medical Service, Stanford-Palo Alto Hospital, Palo Alto, CA
1966-1968	Research Associate, MRC of Great Britain, Statistical Research Unit, London, England
1968-2001	Harvard Medical School, Boston, MA.
1968-1972	Edward Livingston Trudeau Fellow, American Lung Association
1981-	Fellow, American College of Epidemiology
1986-98	Head, Environmental Epidemiology Program, Department of Environmental Health, Harvard School of Public Health, Boston, MA
1983-1988	National Heart, Lung and Blood Institute, Pulmonary Diseases Advisory Committee
1986-	Fellow, American College of Chest Physicians
1986-	Professor of Environmental Sciences, Harvard School of Public Health, Boston, MA
1986-	Professor of Medicine, Harvard Medical School, Boston, MA
1988-	Co-Director, Channing Laboratory, Harvard Medical School, Boston, MA
1989	Alton Oschner Award on Smoking and Health
1992-	Member, American Association of Physicians
1993-	Edward H. Kass Professor of Medicine, Harvard Medical School, Boston, MA
1997	Chadwick Medal, Massachusetts Thoracic Society
1998	Abraham Lilienfeld Award, American College of Epidemiology
1998	The Medical Foundation Award for Distinguished Contributions to Health Research
1999	Health Advocacy Award, Friends of the National Institute of Nursing Research
1999	Presidential Citation, American Public Health Association
2000	World Lung Health Award, American Thoracic Society
2000	Member, Institute of Medicine, National Academy of Sciences

- 2001 Excellence in Women's Health Award, Jacobs Institute of Women's Health  
 2001 Charles S. Mott Prize, General Motors Fund for Career Research  
 2001 2001 Excellence in Women's Health Award, Brigham and Women's Hospital

**B. Selected Peer-Reviewed Original Reports (in chronological order)**

*Dr. Speizer is the author or co-author of more than 450 publications in chronic disease epidemiology - Representative sample below:*

- Gulsvik A, Tosteson T, Bakke P, Humerfelt S, Weiss ST, **Speizer FE**. Expiratory and inspiratory forced vital capacity and one-second forced volume in asymptomatic never-smokers in Norway. *Clin Physiology* 2001; 6:648-60.
- Barr RG, Herbstman J, **Speizer FE**, Camargo CA, Jr. Validation of self-reported chronic obstructive pulmonary disease in a cohort study of nurses. *Am J Epidemiol* 2002; 155:965-71.
- Barr RG, Somers SC, **Speizer FE**, Camargo CA Jr. Patient factors and medication guideline adherence among older women with asthma. *Arch Intern Med* 2002; 162:1761-68.
- Smith-Warner SA, Ritz J, Hunter DJ, Albanes D, Beeson WL, van den Brandt PA, Colditz G, Folsom AR, Graser GE, Freudenheim JL, Giovannucci E, Goldbohm RA, Graham S, Kushi LH, Miller AB, Rohan TE, **Speizer FE**, Virtamo J, Willett WC. Dietary fat and risk of lung cancer in a pooled analysis of prospective studies. *Ca Epi, Biomarkers & Prev* 2002; 11:987-992.
- Al-Delaimy WK, Mahoney GN, **Speizer FE**, Willett WC. Toenail nicotine levels as a biomarker of tobacco smoke exposure. *Ca Epidemiol, Biomarkers, and Prevention* 2002; 11:1400-04
- Silverman EK, Mosley JD, Palmer LJ, Barth M, Senter JM, Brown A, Drazen JM, Kwiatkowski DJ, Chapman HA, Campbell EJ, Province MA, Rao DC, Reilly JJ, Ginns LC, **Speizer FE**, Weiss ST. Genome-wide linkage analysis of severe, early-onset chronic obstructive pulmonary disease: airflow obstruction and chronic bronchitis phenotypes. *Human Molecular Genetics* 2002; 11:623-32.
- Silverman EK, Palmer LJ, Mosley JD, Barth M, Senter JM, Brown A, Drazen JM, Kwiatkowski DJ, Chapman HA, Campbell EJ, Province MA, Rao DC, Reilly JJ, Ginns LC, **Speizer FE**, Weiss ST. Genomewide linkage analysis of quantitative spirometric phenotypes in severe early-onset chronic obstruction pulmonary disease. *Am J Hum Genet* 2002; 1229-39.
- Palmer LJ, Celedon JC, Chapman HA, **Speizer FE**, Weiss ST, Silverman EK. Genome-wide linkage analysis of bronchodilator responsiveness and post-bronchodilator spirometric phenotypes in chronic obstructive pulmonary disease. *Hum Mol Genet* 2003; 12:1199-210.
- Smith-Warner SA, Spiegelman D, Yaun S-S, Albanes D, Beeson L, van den Brandt PA, Feskanich D, Folsom AR, Fraser GE, Freudenheim JL, Giovannucci E, Goldbohm RA, Graham S, Kushi LH, Miller AB, Pientinen P, Rohan TE, **Speizer FE**, Willett WC, Hunter DJ. Fruits, vegetables and lung cancer: a pooled analysis of cohort studies. *Int J Cancer* 2003; 107:1001-11.
- Barr RG, Wentowski CC, Grodstein F, Somers SC, Stampfer MJ, Schwartz J, **Speizer FE**, Camargo CA, Jr. Prospective study of postmenopausal hormone use and newly diagnosed asthma and chronic obstructive pulmonary disease. *Arch Intern Med* 2004; 164:379-86.
- Barr RG, Wentowski CC, Grodstein F, Somers SC, Stampfer MJ, Schwartz J, **Speizer FE**, Camargo CA, Jr. Adamkiewicz G, Ebel S, Syring M, Slater J, Speizer FE, Schwartz J, Suh H, Gold DR. Association between air pollution exposure and exhaled nitric oxide in an elderly population. *Thorax* 2004; (in press.)