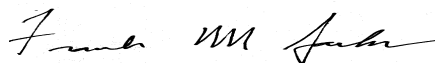


CURRICULUM VITAE January 4, 2016

NAME: Frank M. Sacks



ADDRESS: 129 Leonard Street, Belmont, Massachusetts 02478

PLACE OF BIRTH: Jersey City, New Jersey

EDUCATION:

1970 Biology, Sc.B. Brown University
1970-1972 Music, New England Conservatory of Music
1977 M.D. Columbia University, College of Physicians and Surgeons

POSTDOCTORAL TRAINING:

Internship and Residency:

1977-1978 Resident in Surgery, University Hospital, Madison, Wisconsin

Research Fellowship:

1980-1982 Research Fellow in Medicine, Harvard Medical School and Brigham and Women's Hospital

LICENSURE:

1980 Massachusetts

CURRENT APPOINTMENTS:

2000- Professor of Cardiovascular Disease Prevention, Department of Nutrition, Harvard School of Public Health
2004- Professor of Medicine, Harvard Medical School
2004- Senior Physician, Channing Division of Network Medicine, Department of Medicine, Brigham & Women's Hospital

PAST APPOINTMENTS

1992-2004 Associate Professor of Medicine, Harvard Medical School
1992-2004 Physician, Brigham and Women's Hospital

1993-2000 Associate Professor in the Department of Nutrition, Harvard School of Public Health
 1992-1993 Assistant Professor in the Department of Nutrition, Harvard School of Public Health
 1982-1991 Associate Physician, Brigham and Women's Hospital
 1984-1993 Assistant in Medicine, Beth Israel Hospital, Boston
 1984-1992 Assistant Professor of Medicine, Harvard Medical School
 1982-1984 Instructor in Medicine, Harvard Medical School
 1980-1982 Research Fellow in Medicine, Harvard Medical School
 1979-1980 Clinical Assistant Professor of Family Practice, University of Wisconsin School of Medicine
 1978-1979 Staff Physician, Migrant Health Services, Wild Rose, Wisconsin
 1979-1980 Attending Physician, St. Mary's Hospital, Madison, Wisconsin

HONORS AND DISTINCTIONS:

1972 Rockefeller Foundation Award for teaching philosophy of science in the Department of Humanities, New England Conservatory of Music
 1974 Annual Prize for Predoctoral Research, Society for Epidemiologic Research
 1980-1982 Individual Postdoctoral Research Award, United States Public Health Service
 1982-87 Clinician Scientist Award, American Heart Association, Jan Breslow-Preceptor; Edward Kass-Sponsor
 1986 Travenol Award Lecture, American College of Nutrition
 1987-1992 Established Investigator Award, American Heart Association, Eugene Braunwald, Sponsor
 1999 Pierre Bois Lecturer, McGill University and the University of Montreal
 2002 Myant Lecturer, British Hyperlipidemia Society
 2011 2011 Research Achievement Award of the American Heart Association for lifetime research accomplishments
 2013 Kelly West memorial lecture, University of Oklahoma Medical School
 2014 Don Chapman memorial lectureship, Baylor College of Medicine, Houston

MAJOR PROFESSIONAL SERVICE

1993-97 National Heart, Lung and Blood Institute. Chair, Design and Analysis Committee, Dietary Approaches to Stop Hypertension (DASH) Trial, a multicenter trial on dietary patterns and blood pressure.
 1996-2000 National Institutes of Health. Nutrition Study Section
 1997-2001 National Heart, Lung, and Blood Institute. Chair, Steering Committee, the Dietary Patterns, Sodium Intake and Blood Pressure trial (DASH2), a multicenter trial.

- 2000-2015 Organizing Committee and Co-Chair, Lipoprotein Kinetics Conference, Satellite Meeting to the Arteriosclerosis, Thrombosis and Vascular Biology Council Meeting, American Heart Association.
- 2001 National Cholesterol Education Program, Adult Treatment Panel III, Reviewer of Year 2002 guidelines
- 2002 NIH, NHLBI: Speaker, Workshop on Lipoprotein (a)
- 2002 NIH, NHLBI: Workshop participant, Diet and Congestive Heart Failure
- 2003 NIH, NHLBI: Chair, Committee on 5-year nutrition research agenda
- 2003 NIH, NHLBI: Member, Committee on 5-year obesity research agenda
- 2003-07 NIH, NHLBI: Member, DSMB, Gene Environment Interaction Project
- 2004 NIH, NHLBI: Working group on future clinical research directions on omega-3 fatty acids and cardiovascular disease.
- 2006 NIH, NHLBI: Consultant group on clinical trial design for lipid drugs
- 2007-10 American Journal of Clinical Nutrition, Associate Editor
- 2000-14 American Heart Association, Nutrition Committee, Member
- 2010-12 American Heart Association, Nutrition Committee, Chair
- 2010-12 American Heart Association, Leadership Committee, Nutrition Physical Activity and Metabolism Council
- 2008-11 NCEP ATP-IV: NHLBI Clinical Guidelines for Cardiovascular Risk Reduction, National Cholesterol Education Program ATP-IV Expert Panel member
- 2008-2013 Lifestyle Working Group member, NHLBI Clinical Guidelines for Cardiovascular Risk Reduction.
- 2009 Institute of Medicine, National Academy of Sciences, consultant on dietary treatments for hypertension.
- 2009 Institute of Medicine, National Academy of Sciences, panel on salt reduction; presented position of the American Heart Association.

- 2009 United States Dietary Guidelines Panel, invited presentation on diet treatment of obesity and sodium reduction goals.
- 2009-12 Residual Risk Reduction Institute: Trustee
- 2010-12 Endocrine Society, Guidelines Panel on treatment of high triglycerides
- 2012-15 American Heart Association: Sodium Advisory Task Force, Co-Chair
- 2013 NIH, NHLBI: Co-Chair of Workshop on Diet and Heart Failure
- 2016 NIH, NHLBI: Co-Chair of Workshop on Mediterranean Diet trial

EDITORIAL POSITIONS

- 2007-15 Journal of Clinical Lipidology (Associate Editor, Editorial Board)
- 2006-14 Journal of Lipid Research (Editorial Board)
- 2008-11 American Journal of Clinical Nutrition (Associate Editor)

MAJOR RESEARCH INTERESTS:

Human lipoprotein metabolism: Metabolism of lipoprotein particles that are likely to protect against or to promote atherosclerosis. Effects of diet, apolipoproteins CIII and E. Identification of metabolic pathways in plasma and cells affected by human lipoproteins. Identification of dysfunctional HDL metabolism in humans.

Epidemiology of lipoprotein risk factors for cardiovascular disease: Studies of new lipoprotein subfractions based on content of apolipoproteins C-III and E in populations to improve the prediction of cardiovascular disease. These epidemiological studies are linked in scientific scope to the metabolism studies.

Nutritional control of blood pressure and lipid levels: multi-center NIH-NHLBI diet trials. Chair of the DASH-Sodium Steering Committee: "Effects of dietary patterns and sodium intake on blood pressure." Co-Chair, "Macronutrients and Cardiovascular Risk" (OMNI Heart), a trial of protein, carbohydrate and unsaturated fat to optimize cardiovascular risk factors. Chair of Omni-CARB: "Carbohydrate, type and amount affecting risk of CVD and diabetes".

Dietary treatment of obesity. PI of multicenter NIH trial (POUNDS LOST) that compared dietary strategies for weight loss.

RESEARCH FUNDING

2003-2009, NIH: 1 UO1 HL073286, F Sacks, PI. Dietary macronutrients and weight loss.

2007-2012, NIH: 1R01 HL084568, F Sacks, PI. Carbohydrate amount and type affecting risk of CVD and diabetes.

2010-2015: NIH, Dietary Fat and HDL Metabolism in Humans. F Sacks, PI.

2009-2010: Harvard University Catalyst Program: CTSC NIH award for innovative and translational research: Human HDL metabolism in obesity and dyslipidemia

2009-2012: R3i Foundation grant for an international case-control study of dyslipidemia and both macrovascular and microvascular disease.

2011-2012: Harvard University Research Accelerator Program: To support human studies on differentiating HDL into protective and nonprotective components.

2012-2013: Harvard-Roche Academic Collaboration: Grant to continue research on HDL.

2014-2018: NIH-NHLBI, F Sacks PI. HDL proteins and cardiovascular disease

PRINCIPAL CLINICAL AND HOSPITAL SERVICE RESPONSIBILITIES:

1984-2010 Attending Physician, Hyperlipidemia Clinic, Cardiovascular Division,
Brigham and Women's Hospital.

PROFESSIONAL SOCIETIES:

1983- Fellow, Council on Arteriosclerosis, American Heart Association

1983- Fellow, Council on Epidemiology, American Heart Association

1994- Fellow, American Society of Clinical Nutrition

2000- Fellow, Council on Nutrition, Metabolism and Physical Activity, American Heart Association

TEACHING

HARVARD SCHOOL OF PUBLIC HEALTH

1998-2016 The Science of Human Nutrition; Nutritional Biochemistry (NUT202);
Course director

2004-2016 Scientific Writing (IS 206), Course director

HARVARD MEDICAL SCHOOL AND TEACHING HOSPITALS

(HMS = Harvard Medical School; BWH = Brigham & Women's Hospital)

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