
BIOGRAPHICAL SKETCH

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NAME Stram, Daniel O.	POSITION TITLE Professor		
eRA COMMONS USER NAME (credential, e.g., agency login) dstram52			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Tufts University, Medford, MA	B.A.	05/75	Mathematics
Temple University, Philadelphia, PA	Ph.D.	05/83	Statistics
Harvard School of Public Health, Boston, MA	Post Doc	07/86	Biostatistics

A. Personal Statement

I am an experienced statistician with many interests and publications in areas relevant to the epidemiology of cancer and other diseases including methods in survival analysis, longitudinal analysis, meta-analysis, measurement error, genetic association studies and gene x environment interactions. I have longstanding research interests in radiation epidemiology and related statistical issues starting from my work performed in the late 1980s in Hiroshima for the A-bomb study; these interests include joint studies of multiple biomarkers of exposure and related measurement error methods, and incorporation of dosimetric uncertainty into risk estimation. I have analyzed data from the Colorado Plateau uranium miners cohort and from the ongoing WECARE study. I am currently Principal Investigator of a Department of Energy-funded grant to analyze cancer mortality data in the Mayak Workers Cohort and Techa River Cohort with a major focus on utilizing complex dosimetry systems in epidemiological analysis. In addition to an active research portfolio, I serve or have served on various national and international radiation safety committees, including the National Council on Radiation Protection and Measurements and on the Nuclear and Radiation Studies Board, Division on Earth and Life Studies of the National Academy of Sciences, National Research Council.

B. Positions and Honors

1982-1984 Statistician, Center for Energy and Environmental Studies, Princeton University, Princeton, NJ.
1986-1989 Research Associate, Radiation Effects Research Foundation, Hiroshima, Japan
1989-1996 Assistant Professor, Department of Preventive Medicine, University of Southern California Keck School of Medicine, Los Angeles, CA
1996-2004 Associate Professor, Department of Preventive Medicine, University of Southern California Keck School of Medicine, Los Angeles, CA
2002 Visiting Scientist, Center for Genome Research, Whitehead Institute, Massachusetts Institute of Technology, Cambridge, MA
2004-current Professor, Department of Preventive Medicine, University of Southern California Keck School of Medicine, Los Angeles, CA
2006- 2013 Member, U.S. Environmental Protection Agency, Radiation Advisory Committee
2007-2012 Member, EPIC Study Section (NCI/NIH)
2009- current Member, International Commission on Radiological Protection (ICRP), Committee C1
2009 Elected Fellow of the American Statistical Association
2012-current Member, U.S. Environmental Protection Agency Science Advisory Board
2012-2013 Chair, U.S. Environmental Protection Agency, Radiation Advisory Committee
2013-current Member, National Committee on Radiation Protection (NCRP)
2015-current Member of the Board of Scientific Councilors, NIEHS
2016 Elected Fellow of the American Association for the Advancement of Science