Dale L. Preston, Ph.D.
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Professional background

Dr. Preston is a biostatistician who has worked on studies of radiation health effects for more than 25 years. From 1981 through 2004 he worked at the Radiation Effects Research Foundation (RERF) in Hiroshima Japan, with a two year sabbatical (1987-89) in the NCI, Radiation Epidemiology Branch. He is currently involved in a number of studies of radiation effects including the studies of atomic bomb survivors in Hiroshima and Nagasaki, populations exposed to radiation as a result of the operations of the Russian reactor and plutonium production complex (Mayak), and studies of a large cohort of X-ray technologists in the United States. Dr. Preston served as a consultant to the National Academy of Sciences BEIR V committee and to the United Nations Scientific Committee on Atomic the Effects of Atomic Radiation (UNSCEAR). Since 2001 he has been a member of Committee 1 of the International Commission on Radiological Protection. He is also the principal developer of the Epicure risk regression software distributed by his company Hirosoft International. Epicure is widely used studies of the effects of radiation and other environmental exposures. Dr. Preston is a fellow of the American Statistical Association.

Dr. Preston's research interests include: analysis of dose-response shape, effect modification, temporal patterns of radiation-associated cancer and non-cancer mortality and incidence; methodological research on the risk estimation from cohort survival and case-control data using generalized risk models; and the design and development of statistical software.

Selected Recent Publications

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