



**Progress in Longevity Medicine Seminar Series**

**An Epidemiologist Looks at Male Aging:  
How Much Do We Know and How Do We Know It?**

**John B. McKinlay, PhD**

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New England Research Institutes, Inc.  
Consultant in Medicine, Massachusetts General Hospital  
Boston, Massachusetts*

**Date/Time:** Friday, February 9, 2007; 5:30 pm (dinner included)

**Location:** The Arizona Club, 201 N. Central Ave., 37th Floor

**Cost:** Free

**Abstract:** This presentation will describe several large National Institute of Health (NIH) studies and use recent findings to question purportedly established scientific knowledge about the processes of male aging. Issues to be addressed include the problem of risk factorology, differences between patient volunteers and population-based random samples, cross-sectional vs. longitudinal designs, the relative contribution of aging vs. other influences to androgen declines, the problem of extrapolating across genders, the natural progression (remission and progression) of some disorders, the magnitude of overlap of symptoms of different urologic conditions, the apparent secular decline in androgens, and variability in everyday clinical decision making.

**Objectives:**

- To understand the scientific advantages and disadvantages of population-based samples vs. convenience samples of patients.
- To understand the contribution of age to hormone changes and the influence of other factors.
- To understand the natural progression (progression and remission) of conditions that are thought to inevitably worsen.

**Biography:** Dr. McKinlay is Director, Senior Vice President and Chief Scientist of the New England Research Institute (NERI) and a Consultant in Medicine for Massachusetts General Hospital, Harvard Medical School. He is the principal investigator for the landmark Massachusetts Male Aging Study and for the Boston Area Community Health Study, which is

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supported by the NIH and is one of the largest epidemiologic studies ever conducted in urogynecology. Other current research interests include bone density in aging men and race/ethnic disparities in diabetes.

Dr. McKinlay previously held professorships in Epidemiology and Biostatistics, Sociology and Medicine, and was past Director of the Gerontology Institute and Center for Health and Advanced Policy Studies at Boston University. He is a Fellow of the American College of Epidemiology and the Epidemiology Council of the American Heart Association. He is the author, co-author or editor of over 250 papers, 17 books and also serves on the NIH Health Services Research Review Committee.

He was given the American Psychological Association Award for Distinguished and Pioneering Contributions to Research on Women's Health in 1994 and received the Leo G. Reeder Award from the American Sociological Association in 1995. Dr. McKinlay obtained his bachelor's degree in philosophy and sociology from Victoria University, New Zealand and earned his PhD in Medical Sociology from Kings College, Scotland.

To RSVP or for additional information, please contact Diana Vuong at (602) 778-7492 or via email at [Diana.Vuong@kronosinstitute.org](mailto:Diana.Vuong@kronosinstitute.org).

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