

Program Director/Principal Investigator (Last, First, Middle): Leaverton, Paul E.

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Leaverton, Paul E.		POSITION TITLE Professor Emeritus	
eRA COMMONS USER NAME (credential, e.g., agency login) Leaverton		(Epidemiology and Biostatistics) Consultant	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Iowa State University	BS	1956	Statistics
Iowa State University	MS	1961	Statistics
Iowa State University	Ph.D.	1963	Statistics

A. Positions and Honors.

Positions

1957-1959 Commissioned Officer, US Public Health Service, Epidemic Intelligence Service (EIS), Centers for Disease Control, Atlanta, GA

1963-1964 Assistant Professor, Department of Preventive Medicine, College of Medicine, University of Colorado, Denver, CO

1964-1967 Assistant Professor, Departments of Statistics, Preventive Medicine, University of Iowa, Iowa City, IA

1967-1971 Associate Professor, Departments of Statistics, Preventive Medicine, University of Iowa, Iowa City, IA

1971-1974 Professor of Biostatistics, Department of Preventive Medicine and Environmental Health, College of Medicine, University of Iowa, Iowa City, IA

1974-1980 Associate Director for Research, National Center for Health Statistics, Rockville, MD

1980-1983 Deputy Director for Epidemiology and Biometry, Division of Clinical Applications, National Heart, Lung and Blood Institute, National Institutes of Health, Bethesda, MD

1983-1985 Acting Associate Director for Epidemiology and Biometry, Division of Clinical Applications, National Heart, Lung and Blood Institute, National Institutes of Health, Bethesda, MD

1985-1995 Department Chair, Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa, FL

1985-2001 Professor, Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa, FL

2001- Professor Emeritus, Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida and private consultant

Honors

1969 Outstanding Young Alumnus Award, Iowa State University

1971 Fellow- American Association for the Advancement of Science (AAAS)

1970-1973 Centers for Disease Control Study Section

1973 Centers for Disease Control Study Section, Vice-chairman

1974-1978 Epidemiology and Disease Control Study Section, National Institutes of Health

1982 Fellow- Council on Epidemiology, American Heart Association

1991-1995 Editorial Board: Annual Review of Public Health (Epidemiology and Biostatistics sections)

1992 Spiegelman Award Lecture (invited), Statistics Section, American Public Health Association

1994 Statistics Section Award, American Public Health Association

1994-1997 Editorial Board: Statistics in Medicine
1997 Professorial Excellence Program Award – USF Health Science Center
1997 Distinguished Teaching Award (Selected by the USF College of Public Health student body)
2001-2002 President, American Epidemiological Society
1984- Member, American Epidemiological Society

B. Selected peer-reviewed publications (in chronological order).

Books (selected from five co-authored or edited) :

1. Statistical Inference in the Biomedical Sciences. D.V. Huntsberger and P.E. Leaverton. Allyn and Bacon, Boston, 269 pages. 1970.
2. A Review of Biostatistics: A Program for Self-Instruction, 5th Edition. P.E. Leaverton. Little, Brown, and Company, Boston, 117 pages, 1995. Editions also in Japanese, Greek, Spanish, Italian and Indonesian.

Papers (selected from among approximately 100 peer-reviewed publications):

1. Feinleib, M., Leaverton, P.E. Ecological fallacies in epidemiology; in Health Information Systems, P. E. Leaverton and L. Masse, eds. Praeger Publishers, N.Y., 1984. 33-61.
2. Leaverton, P.E., Sorlie, P. Kleinman, J., Dannenberg, A., Ingster-Moore, L., Kannel, W.B. Representativeness of the Framingham risk model for coronary heart disease mortality: A comparison with a national cohort study. J Chron Dis. 1987, 40;8: 775-784.
3. Imeokparia, R., Barrett, J., Arrieta, M., Leaverton, P.E., Wilson, A., Hall, B., Marlowe, S. Physical activity as a risk factor for osteoarthritis of the knee. Annals of Epidemiology. 1994, 4;3: 221-30.
4. Clarke, P., Leaverton, P.E. Scientific and ethical issues in the use of placebos in controlled clinical trials. Annual Review of Public Health, G. Omenn, ed., Annual Reviews, Inc. Palo Alto, 1994, 19-38.
5. Freeman, T.B., Vawter, D.E., Leaverton, P.E., et al. Use of placebo surgery in controlled clinical trials of a cellular-based therapy for Parkinson's disease. N Engl. J Med. 1999. 34;13: 988-92.
6. Issaragrisil, S., Kaufman, D.W., Anderson, T., Chansung, K., Leaverton, P.E., Shapiro, S., Young, N.S. The epidemiology of aplastic anemia in Thailand. Blood 2006; 107:1299-1307.
7. Leaverton, P.E., Wilder F. V., Biostatistics. Invited chapter in the International Encyclopedia of Public Health, Elsevier publishers with Academic Press, San Diego. First Edition (2008), vol. 1, 301-311.
8. Wilder, F. V., Leaverton, P.E., Rogers, M.W. Height and radiographic osteoarthritis; An epidemiologic assessment, Short communication. J Musculosk Res. 2008, 11;4: 185 – 189.

Research Support:

Retired from Academia in 2001. Professor Emeritus.

Consultant to the Florida Power and Light Company, Juno Beach, FL. Continuing assessment of epidemiologic investigations on the possible health effects of exposure to electric and magnetic fields in the community. (Ongoing since 2001: part-time.)

Consultant to the Arthritis Research Institute of America (ARIA), Clearwater, FL. Scientific advisor on epidemiology and clinical trials. The main effort is the analysis of data from a long-term cohort study involving routinely collected radiographs, risk factors, and the development and progression of osteoarthritis. (Ongoing since 2007: part-time.)