

CURRICULUM VITAE

Harold H. Hibbard

EDUCATION

University of California, Berkeley, B.S., Genetics,
1950

University of California, Berkeley, M.A., Applied
Statistics, 1959

Health information systems to use as a tool to ascertain the health status of a given community and to continuously monitor the health status by use of the system. This system might be some sort of health data bank on all available health statistics, surveys, etc. Cancer, epidemiology, population genetics and national health insurance plans are some of my other interests.

EXPERIENCE

1950-1951, Laboratory Technician, Department of Genetics, University of California, Davis.

Assisted in revision of course and setting up of laboratory for Genetics 100.

1951-1963, Laboratory Technician, Department of Genetics, University of California, Berkeley.
Small Animal Breeding Project.

Research in population genetics, primarily selection experiments for weight gains. Planning of matings of rats of different strains, record keeping of breeding experiments, calculating of inbreeding coefficients, and statistical analyses of data were involved. EDP machine programming skills were acquired in connection with analytical requirements of this work.

1963-1968, Biostatistician, California State Department of Public Health, Berkeley.

Research on cancer in domestic and wild animals

and its implications to human cancer. Activities include development of complex coding guides for establishing animal tumor registry, planning and carrying out analysis of data collected over last 5 years, and preparation of papers on results. Working on design of retrospective study of cat leukemia and human cancer in households where the cats resided.

At the end of 1967 the Animal Tumor Registry's grant terminated. For the next six months I worked as Associate Public Health Statistician, for Dr. John E. Dunn, Jr., in Cancer Epidemiology, on two projects: a study of socioeconomic factors related to utilization of cytological screening for cervical cancer, and a field test of sputum cytology as a lung cancer screening tool. My position was eliminated with budget cuts for fiscal 1969, at which time the Animal Tumor registry was re-funded by the American Cancer Society, so I returned to work on it.

Avocationally: working on paper identifying through gene frequencies influence of artificial selection process for coat color operating in local, geographically defined cat population; preparing inbreeding coefficients for dogs registered with American Kennel Club and identified as having tumors.

1968-1971, Specialist, School of Public Health, Curriculum in Comprehensive Health Planning Project, University of California, Berkeley, California.

Establishing a data bank on health statistics for the nine bay area counties to use as a means to find good indicators for the health status of a given community or area. Exploring these possibilities of computerizing the gathering and analysis of such data collected and the use of such a data bank for individuals concerned with health problems.

Analysis of survey data from 12 states with Comprehensive Health Planning grants at both the state and areawide levels. This study

comprises 45 sites throughout the United States. A questionnaire was used to gather information from both the executives and board members regarding the operations of their own Comprehensive Health Planning boards. A factor analysis technique is being used for this analysis.

I am advising a doctoral student on the statistical aspects of this study which he is using for his thesis.

SOCIETIES

American Public Health Association
American Statistical Association
American Association for the Advancement of Science

PUBLICATIONS

- Frye, F. L.; Dorn, C. R.; Taylor, D.O.N.; Hibbard, H. H.; Klauber, M. R.: Characteristics of Canine Mammary Gland Tumor Cases, Animal Hospital 3:1-12, February 1967.
- Dorn, C. R.; Taylor, D.O.N.; Chaulk, L. E.; Hibbard, H. H.: The Prevalence of Spontaneous Neoplasms in a Defined Canine Population, American Journal of Public Health, 56:254-265, February 1966.
- Dorn, C. R.; Taylor, D.O.N.; Hibbard, H. H.: Epizootiologic Characteristics of Canine and Feline Leukemia and Lymphoma, American Journal of Veterinarian Research 28:993-1001, July 1967.
- Dorn, C. R.; Taylor, D. O. N.; Frye, F. L.; Hibbard, H. H.: Survey of Animal Neoplasms in Alameda and Contra Costa Counties, California. I. Methodology and Description of Cases, Journal of the National Cancer Institute 40:295-306, February 1968.
- Dorn, C. R.; Taylor, D. O. N.; Schneider, R.; Hibbard, H. H.; Klauber, M. R.: Survey of Animal Neoplasms in Alameda and Contra Costa Counties, California. II. Cancer Morbidity

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in Dogs and Cats from Alameda County, Journal
of the National Cancer Institute 40:307-318,
February 1968.

Dorn, C. R.; Terbrusch, F. G.; Hibbard, H. H.:
Zoographic and Demographic Analysis of Dog
and Cat Ownership in Alameda County, Dalifornia,
1965. State of California, Department of
Public Health, Berkeley, California 94704.