

TANYA A. HENNEMAN
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EDUCATION:

Ph.D. Biostatistics, University of California, Berkeley
Dissertation Title: Estimating causal parameters in marginal structural models. Expected May 2002

M.S.E. Mathematical Sciences, The Johns Hopkins University, Baltimore MD May 1997

B.S. Mathematics, Spelman College, Atlanta GA May 1995

RESEARCH EXPERIENCE:

Division of Biostatistics, U.C. Berkeley

Graduate Student Researcher Jan. 00-present
Programming non-parametric estimators in Splus to estimate survival times from current status data with competing risks. Methods are illustrated with a data set examining the age for natural and operative menopause.

Center for Community and Family Health, U.C. Berkeley

Graduate Student Researcher June 00-present
Conducting statistical analysis for general California population survey of HIV/AIDS knowledge, attitudes, beliefs, and behaviors. Implementing survey sampling methodology using Stata Svy procedures and SAS. Providing written documentation of analysis results for use by the Office of AIDS, California State Department of Health Services.

Reproductive Epidemiology Branch, California State Department of Health Services

Research Specialist June 99-Aug.00
Performed repeated measures analysis on data collected to study the effect of drinking chlorinated tap water on multiple reproductive outcomes in men and women using SAS. Analysis included multivariate regression and logistic regression models in SAS, and power calculations for repeated measures data.

Department of Statistics, U.C. Berkeley

Statistical Consultant Jan. 98-May 98
Worked with doctoral students and researchers from various departments on designing and implementing possible solutions to their statistical problems. Assisted in survey and study designs.

Division of Research, Kaiser Permanente

Medical Records Analyst May 98-Aug. 98
Reviewed and summarized medical records of breast cancer patients for collection of data relevant for study on blood disorders resulting from chemotherapy treatments.

Environmental Protection Agency, Headquarters

Research Assistant May 94-Jan. 95
Conducted investigation with epidemiologists and toxicologists on the relationship between the amount of lead in the blood of battery plant workers and their fertility status. Responsible for adaptation of a pharmacokinetics animal model for modeling lead transport in the blood of humans.

RELEVANT COURSE WORK, COMPUTER PROGRAMING LANGUAGES:

Graduate courses in survival analysis, drug development, causal inference, repeated measures, statistical computing, generalized estimating equations, overview of the AIDS epidemic and statistical modeling. Experienced user of SAS, Splus, Stata, CART, and LaTeX. Operating systems: Windows and UNIX.

FELLOWSHIPS AND HONORS:

Chancellor's Opportunity Fellowship, 1998-2000; National Science Foundation Fellowship, 1995-1998; The American Statistical Association Gertrude Cox Scholarship, Honorable Mention, 1997; *Who's Who in American Colleges and Universities*, 1994, 1995.