

## WORK EXPERIENCE

- 8/2006 – present**      **Assistant Professor:** Medical University of South Carolina
- 8/2002 – 7/2006**      **Research & teaching Asst:** University of Southern California
- Teaching assistant for PM511B, responsible for independent instructions in a computer lab on how to use STATA and presenting statistical concepts such as logistic & Cox regression, and general estimating equations.
  - Teaching assistant for statistical methods in epidemiology (PM518B) with responsibility to explain concepts of maximum likelihood theory, counting processes and martingales, and partial likelihood for continuous time to event data, individually matched case-control data, and grouped time case-control data
  - Research assistant (25%RA) for statistical & genetic analysis of case-control study of multiple myeloma and IL6 genes using SAS
  - Research assistant (25%RA) for missing data analysis using multiple imputation, missing indicators, mid-point and regression imputation of the childhood leukemia and electro-magnetic field study and estrogen replacement and endometrial cancer case-control study data.
  - Coordinator of biostatistics graduate students seminar with responsibility of putting together a schedule, sending announcement, chairing the seminars and setting up presentation equipment
  - Teaching medical students on the biostatistics section of the course “Preventive Medicine Core Principles”, 2005.
- 7/2001-8/2002**      **Teaching Assistant:** Bowling Green State University
- One-to-one tutor in algebra, calculus and statistics
  - Teaching two sections of Math 115 - Introduction to Statistics
- 7/1998-7/2001**      **Lecturer:** Department of statistics, Addis Ababa University
- Teaching courses such as, Design of Experiments, Statistical Methods I, Introductory Statistics, and Quantitative Methods II

- Supervision of senior student papers in applied statistics such as demography, survival analysis, logistic regression, econometrics, ANOVA, and MANOVA
- Consultancy in social and agricultural statistics especially in Education
- Guest Lecturer for graduate students of the Education Faculty at Addis Ababa University: a chapter on statistical methods in educational research (EDUC 502)

**8/1995-7/1998**      **Asst. Lecturer:** Department of statistics, Addis Ababa University

- Teaching introductory statistics course and tutoring seniors

**8/1994-8/1995**      **Graduate Asst:** Statistics Dept., Addis Ababa University.

- Tutoring seniors and grading papers and assisting research

**Consultant:**

1. **World Bank**, Policy and Human Resources Development (PHRD) project, Responsible for the supervision, analysis and report writing of a survey on demand and supply of educational materials in Ethiopia, 1995- 1996.
2. **UN-ECA**, Sustainable Agriculture and Environmental Rehabilitation Program, responsible for the design, supervision, analysis and report writing of the socioeconomic survey of the Afar and Benishangul regional states, 1996-1998.
3. **BoANR**, Bureau of Agriculture and Natural Resources, Tigray Regional State, Government of Ethiopia, responsible for training of data entry technicians and analysis of a livestock census of the Tigray region, 1999.
4. **IER-AAU**, Institute of Educational Research, Addis Ababa University 1995-2001.