EDUCATION AND TRAINING

2002-2006   University of Southern California   Los Angeles, CA

- Keck School of Medicine, Division of Biostatistics

- PhD in Biostatistics (May 2006)

- Dissertation: Methods for the analysis of missing covariate data in individually matched case-control studies

2001-2002   Bowling Green State University   Bowling Green, OH

- One year of graduate study in Statistics

1996-1998   Addis Ababa University   Addis Ababa, Ethiopia

- M.Sc in Statistics (July 1998)

- Thesis: Determinants of school enrolment in Ethiopia (published)

1991-1994   Addis Ababa University   Addis Ababa, Ethiopia

o B.Sc in Statistics with minor in computer science (July 1994)

o Senior paper: Regional differences effect on the performance of freshman students at Addis Ababa University (published)

SHORT COURSES:

1. Hierarchical Modeling and Analysis of Spatio-Temporal Data: Emphasis in Forestry, Ecology and Environmental Sciences, JSM CE Program, August 2, 2009, Washington DC.
2. State Space Time Series Analysis in Practice, JSM CE Program, August 4, 2009, Washington DC.
3. Statistical Meta Analysis Methods and Applications, JSM CE Program, August 4, 2009, Washington DC.
4. Advanced Bayesian analysis of spatial data using WinBugs by Andrew Lawson, Charleston, SC. May 10-11. 2009
5. Spring SCASA conference featuring Dr. Ron Wasserstein "What probability and Forrest Gump Teach US about the South Carolina Educational Lottery, April 10, 2009, Columbia, South Carolina.
6. South Carolina SAS Users Group Conference featuring Jennin Milum "Data Quality Management, Data Cleansing and Discrepancy Reporting", April 10, 2009, Columbia, South Carolina.

7. Grants Forms and Budget Workshop by Barbara Tilley, Charleston, SC, January 2009.
8. Bayesian analysis of spatial data using WinBugs by Andrew Lawson, Charleston, SC. Nov. 2008
9. ENAR workshop on career development for junior investigators, Arlington, VA, March 2008
10. 10th Annual William T. Small, Jr. Keynote Lecture: <u>The Science and Epidemiology of Racism and Health in the United States: an Ecosocial Perspective,</u> Nancy Krieger, 29th Annual Minority Health Conference, UNC, February 29, 2008
11. Spring <u>SCASA conference</u> featuring Allan Agresti " Good Confidence Intervals for Categorical Data Analyses, April 11, 2008, Columbia, South Carolina.
12. <u>SCASA annual meeting</u> featuring Stephen Looney " Increasing Pleasant Events in the Nursing Home: Collaborative Behavioral Treatment for Depression, Nov, 2007, Charleston, South Carolina.
13. Analysis of missing high dimensional data using same spotting, a nonlinear systems development, Dec 18, 2007. Charleston, SC
14. Teaching using Problem Based Learning, DBBE-MUSC, Dec 8, 2007
15. Grant Development Training, DBBE-MUSC, August to December 2006. Charleston, SC
16. Understanding and addressing the challenges of differential expression analysis of proteomics data, Dec 18, 2007. Charleston, SC
17. Basic concepts of statistical inference for causal effects in experiments and observational studies, RAND co. in Santa Monica, Rubin DB (2004). Los Angeles, CA.
18. Survival analysis: Analysis of right censored time to event data, SCASA at California State University (Long Beach), Emerson SS (2004)
19. HIPAA privacy certification and ethics in medical research. USC, 2003.
20. Miami CITI on-line training (2006, 2007 and 2008)