North Texas Chapter
American Statistical Association

Next Meeting: Thursday, January 26, 2017

Refreshments: 6:30 p.m.   Meeting: 7:00 p.m.
Southern Methodist University Heroy Hall Room 153

Speaker: Professor Alan Agresti, Distinguished Professor Emeritus, University of Florida

Presentation: Some Issues in Generalized Linear Modeling

Abstract: This talk discusses several topics pertaining to generalized linear modeling. With focus on categorical data, the topics include (1) bias in using ordinary linear models with ordinal categorical response data, (2) interpreting effects with nonlinear link functions, (3) cautions in using Wald inference (tests and confidence intervals) when effects are large or near the boundary of the parameter space, and (4) the behavior and choice of residuals for GLMs. I will present few new research results, but these topics got my attention while I was writing the book "Foundations of Linear and Generalized Linear Models," recently published by Wiley.

Announcements:

- The Chapter will need Volunteer Judges for the 2017 Dallas Regional Science and Engineering Science Fair (http://dallassciencefair.org/) on February 25, 2017 (Saturday). Please let Yahya Daoud (YDaoud@outlook.com) know if you have an interest in participating.

- The Conference of Texas Statisticians (COTS) will be held at the Southern Methodist University on March 24–25, 2017. For more information, please visit the conference website at http://www.smu.edu/Dedman/Academics/Departments/Statistics/Conference ofTexasStatisticians

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