

Meeting: 1003, Atlanta, Georgia, MAA CP L1, MAA Session on Using Real-World Data to Illustrate Statistical Concepts, I

1003-L1-598 **George N Bratton*** (georgeb@conwaycorp.net), 1690 Nighthawk Circle, Conway, AR 72034.
Data Doesn't Come from Books. Preliminary report.

Using student-collected data opens the floodgates of instructional possibilities that textbook data, whether real or contrived, can never hope to match. Simply posed questions such as "What percentage of drivers talk on cell phones?" are the basis for descriptive statistics, confidence intervals, writing, experimental design and even questions of ethics. Presenter will illustrate several types of such exercises/small projects and comment on the expected and unexpected benefits of a real data approach to introductory statistics. (Received September 23, 2004)