1125-K5-487 **Khairul Islam*** (`kislam@emich.edu`), Mathematics Department, Eastern Michigan University, Ypsilanti, MI 48197. *On Using SEER Data for Teaching and Research.*

Using real-life data in teaching helps students understand statistical methodology and its application better. Students understand how data leads to the proper interpretation and decision making. The Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute (NCI) provides an excellent source of modern data relating to cancer incidence, prevalence and survival by gender, ethnicity and other cancer characteristics. The SEER program is the only comprehensive source of population-based data in the United States, which can be used for the Intro Statistics Classroom and beyond for undergraduate and graduate students' research. In this presentation, we talk about how to access SEER data, use SEER data in a statistics class, and involve students in research. (Received September 10, 2016)