

1135-K5-3011 **Charlotte A Bolch*** (cbolch@ufl.edu), College of Education, School of Teaching and Learning, PO Box 117048, Gainesville, FL 32611, and **Tim Jacobbe** (jacobbe@coe.ufl.edu). *Teaching Students Data Visualization Skills.*

Students are interacting more with graphical displays and data visualizations presented in both courses and their everyday lives. Educators should consider incorporating data visualizations skills into statistics courses where graphical displays are introduced. A data visualization module that was developed for and used in an introductory statistics course will be presented. This module addresses the skills of learning how to read, interpret, and create data visualizations that make the data stand out, facilitate comparisons, and are information rich. Students were taught to interpret, critique, and construct data visualizations using software including Minitab, Google Sheets, iNZight, and RAWGraphs. Students completed a data visualization assignment, lab assignments, a data visualization group poster, pre/post statistical assessments (LOCUS project, DRL-1118168), pre/post Survey of Attitudes Towards Statistics, and journal entries reflecting on their experiences within the module. Teaching resources, a data visualization assignment, and student feedback will be shared regarding the data visualization module along with how the module was integrated into the course curriculum to encourage students to use multivariate thinking and understand statistics as an investigative process. (Received September 26, 2017)