

1046-O1-1819 **Kady Schneider*** (kady.schneider@usu.edu), Department of Mathematics and Statistics, 3900 Old Main Hill, Logan, UT 84322. *Statlets: Statistics Applets and Activities*.

Statistics concepts abound in state secondary-level mathematics core curricula and are emphasized in the content standards of the National Council of Teachers of Mathematics. Inspired by the National Library of Virtual Manipulatives, we have created a collection of interactive applets for teaching statistics (statlets). These are simple and narrowly focused and have been specifically designed for use in secondary or introductory college level mathematics and statistics courses. We have emphasized simplicity, clarity, and ease-of-use in their design in order to best meet the needs of beginning statistics students and have created a number of inquiry-based guided activities to facilitate their incorporation into classroom teaching. We will introduce these tools, describe student response to them, and discuss plans for future development. (Received September 16, 2008)