1046-Z1-1070   **Joseph B. Liddle** (`jbliddle@uas.alaska.edu`), 609 Sawmill Creek rd., Sitka, AK 99835, **Colleen Ianuzzi*** (`colleen.ianuzzi@uas.alaska.edu`), University of Alaska Southeast, 2600 Seventh Avenue, Ketchikan, AK 99901, and **Chris Hay-Jahans** (`jfcnh@uas.alaska.edu`), University of Alaska Southeast, 11120 Glacier Hwy, Juneau, AK 99801. *Project Based Distance Delivered Elementary Statistics.* Preliminary report.

Students in traditional elementary statistics courses often struggle with both computations and concepts. Such difficulties are magnified in most distance delivered courses. UAS distance students are scattered from Nome in the north to Ketchikan in the south, a range of about 1200 miles. Teaching statistics to students located at remote regions has posed many challenges. UAS distance delivery statistics instructors have overcome many of these challenges through the use of real world data analysis projects, successfully conveying computational methods and conceptual ideas to distance students. > This talk begins with a review of recommendations from the literature, primarily those provided in the GAISE College Report published by the American Statistical Society (Aliaga et. al., 2005), followed by examples of data analysis projects completed by distance students. Finally, a discussion on observed obstacles faced by students, and a list of tested strategies for implementing and assessing student projects via distance delivery methods are presented. (Received September 16, 2008)