Bonita V Saunders* (bonita.saunders@nist.gov), National Institute of Standards & Technology, 100 Bureau Drive, Stop 8910, Gaithersburg, MD 20899-8910. Balancing Research Interests with Project Goals at the National Institute of Standards and Technology.

We will discuss the recently announced NSF solicitation “Expeditions in Training, Research, and Education for Mathematics and Statistics through Quantitative Explorations of Data” (EXTREEMS-QED). EXTREEMS-QED supports efforts to educate the next generation of mathematics and statistics undergraduate students to confront new challenges in computational and data-enabled science and engineering. This presentation will inform mathematics and statistics departments interested in developing early interdisciplinary research experiences and innovative curricula in computational and data-enabled science and engineering, creating new learning environments, and sustaining the professional growth of faculty. (Received September 24, 2012)