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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)