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Andrew J Miller* (andrew.miller@belmont.edu), Dept of Mathematics and Computer Science, Belmont University, 1900 Belmont Blvd, Nashville, TN 37212. *Guest-starring Mathematics: Building an Assignment Library to Highlight Quantitative Applications Across the Curriculum*. Preliminary report.

In August 2016, Belmont University began a major overhaul of the general education core mathematics requirement. For the previous decade, our core requirement had been built on a traditional "liberal arts mathematics" foundation, featuring symbolic logic, problem solving, and contemporary mathematical topics. Faced with a charge to develop a requirement that students would find intellectually stimulating and relevant to a wide variety of disciplines, we chose to develop a new course in quantitative literacy and reasoning. A key feature in the early development of this course was the creation of an assignment library consisting of projects and problems from disciplines across campus that highlight mathematics in important ways. We will describe the process of building this library and highlight some interesting examples and how they are being used in the pilot sections of the new quantitative literacy and reasoning course. (Received September 26, 2017)