1117-05-63   **Rebecca Conaway**, **Felix Gotti**, **Jesse Horton**, **Christopher ONeill***
(`coneill@math.tamu.edu`), **Roberto Pelayo**, **Mesa Williams** and **Brian Wissman**. *Minimal presentations of shifted numerical monoids.*

Consider the family of numerical monoids $S_n = \langle n, n + r_1, \ldots, n + r_k \rangle$ obtained by varying n. In this talk, we exhibit periodic behavior of the minimal presentations of S_n when n is sufficiently large. As a consequence, we obtain eventual periodicity results for several arithmetic quantities arising in factorization theory. (Received December 30, 2015)