1086-05-1606 **Jessica C De Silva*** (jdesilva1@csustan.edu), **Gabriel D Dorfsman-Hopkins** (gabriel.d.dorfsman-hopkins.13@dartmouth.edu) and **Joseph T Pruitt** (j92pruitt@gmail.com). *Interval-Vector Polytopes.*

An interval vector is a $(0,1)$-vector where all the ones appear consecutively. Fixing a dimension, we take the convex hull of certain subsets of interval vectors to form polytopes with interesting properties. We present a number of classes of interval-vector polytopes and prove in increasing generality their volumes and f-vectors. Among these classes are n-dimensional polytopes whose volumes are the n^{th} Catalan number and another whose volumes are the even numbers and whose f-vectors mirror the Pascal 3-triangle. (Received September 23, 2012)