

1116-VN-2624 **William C. Linderman*** (wclinder@king.edu), 1350 King College Road, Bristol, TN 37620.
Runs of Consecutive Abundant Numbers. Preliminary report.

A natural number n is said to be **abundant** if the sum of its positive proper divisors is greater than n . Long runs of abundant numbers exist, but they are scarce. For example, the starting term of the smallest known set of four consecutive abundant numbers has 39 digits. We present a method for constructing runs of abundant numbers. (Received September 22, 2015)