1106-VX-467 **Shaun V. Ault** (svault@valdosta.edu), Valdosta State University, 1500 N. Patterson St., Department of Math and Computer Science, Valdosta, GA 31698, and **Charles J. Kicey*** (ckicey@valdosta.edu), Valdosta State University, 1500 N. Patterson St., Department of Math and Computer Science, Valdosta, GA 31698. *Counting paths in corridors using circular Pascal arrays.*

A circular Pascal array is a periodization of the familiar Pascal's triangle. Using simple operators defined on periodic sequences, we find a direct relationship between the ranges of the circular Pascal arrays and numbers of certain lattice paths within corridors, which are related to Dyck paths. This link provides new, short proofs of some nontrivial formulas found in the lattice-path literature. This is based on work that has recently been accepted for publication. (Received August 29, 2014)