

**Meeting:** 1003, Atlanta, Georgia, MAA CP N1, MAA Session on Teaching Visualization Skills

1003-N1-247      **Laurie Burton\*** ([burtonl@wou.edu](mailto:burtonl@wou.edu)), Department of Mathematics, 345 North Monmouth Avenue, Western Oregon University, Monmouth, OR 97361, and **Maria G. Fung** ([funm@wou.edu](mailto:funm@wou.edu)), Dept. of Mathematics, 345 North Monmouth Avenue, Western Oregon University, Monmouth, OR 97361. *Visual College Algebra for Teachers.*

In this talk we will discuss using concrete algebra piece models to build conceptual understanding of algebraic processes and operations for pre-service K-8 teachers. We will exhibit examples of using visual techniques in a variety of curriculum contexts, from integer operations to solving quadratic equations. (Received September 03, 2004)