

1086-VE-655      **Becky E Hall\*** ([hallb@wcsu.edu](mailto:hallb@wcsu.edu)), 181 White Street, Danbury, CT 06810. *Using a Geometry Common Core State Standard to Teach Function Transformations.*

Students tend to memorize rules for transformations of functions such as "adding a number inside the function moves the graph left". Relying on such rules means students avoid understanding why functions behave as they do. In this talk, the Geometry Common Core State Standard, G-CO 2 will be used to illuminate the behavior of function transformations. (Received September 10, 2012)