

1046-C1-1808 **Barbara E Edwards*** (edwards@math.oregonstate.edu), Department of Mathematics, Oregon State University, 368 Kidder Hall, Corvallis, OR 97331. *Changing the Culture: Professional Development for an Activity-Based Modeling Approach to Teaching College Algebra.*

The CRAFTY Guidelines for College Algebra suggest new approaches in the teaching of College Algebra – both pedagogical and content changes. Mathematics education research shows that change occurs slowly and over time. What implications does this have when new curriculum requires significant changes in an instructor’s approach to teaching a course? This talk will describe recent work in professional development at the author’s own institution as well as more broadly with instructors involved in a recent national college algebra project. (Received September 16, 2008)