

1056-Z1-1941 **Erin Elizabeth Pitney*** (erin_pitney@beavton.k12.or.us), 7528 SW Barnes Rd., Unit D, Portland, OR 97225. *Being a Student Again: My Summer in a Research Experience for K-12 Teachers.*

A math teacher's reflections on a summer doing competitive graph coloring research with a team of undergraduate students. Questions will be answered such as: Why is it important for K-12 math teachers to do research? What was it like to go back to college level mathematics after several years? How can the research experience be incorporated back into the classroom? We will also present some of the research results involving the two-clique relaxed game chromatic number of certain outerplanar graphs. (Received September 22, 2009)