

1035-T1-1380      **Joshua D Laison\*** (jlaison@willamette.edu), Mathematics Department, Willamette University, 900 State St., Salem, OR 97301. *My Experiences Researching With Undergraduate Mathematicians: The Collaboration Model.*

Over the past seven years, at a number of small liberal arts colleges, I collaborated with 21 undergraduate students on 16 research projects, both singly and in groups of two or three. I say “collaborated,” rather than “supervised,” since my approach to undergraduate research is to model my work with students on my collaborations with other Ph.D. mathematicians. Most of these projects were started spontaneously by myself and a student, were thoroughly enjoyable, and were beneficial both to my research program and to my students’ college experience. In this talk I will discuss what I feel were the most important ingredients of my successful research experiences. (Received September 19, 2007)