

1014-K1-1408      **Steven D. Leonhardi\*** (sleonhardi@winona.edu), Dept. of Mathematics and Statistics,  
Winona State University, 175 W. Mark St., Winona, MN 55987. *Find What Works: Fostering  
Undergraduate Research in Your Own Backyard*. Preliminary report.

A successful undergraduate research program may require different approaches at different institutions, based on the individual circumstances. This talk will describe the various attempts and adjustments that I have made to adapt an undergraduate research program to my own institution and students. More specifically, I will discuss the advantages of "hiring" students as "research assistants" rather than simply offering a special topics course or independent study, and focusing on teaching-related projects as well as more traditional research problems. (Received September 28, 2005)