

1106-K1-1008 **William W. Johnston*** (bwjohnst@butler.edu), Butler University, 4600 Sunset Ave., Indianapolis, IN 46208. *Mathematics Summer Research Camp: A Report.*

This presentation reports on the intended outcomes, details of design, costs, and multiple positive results of an undergraduate research experience for majors that was held this past summer. This Mathematics Research Camp (MRC) at Butler University provided an eight-day intensive introduction for mathematics majors on how to discover new mathematics. Any undergraduate mathematics department could implement such a design for its majors with similar positive effects. The report will include data on measurable outcomes, providing evidence of a significant increase in undergraduate research activity as a result of MRC. (Received September 09, 2014)