## MAR16-2015-000521

Abstract for an Invited Paper for the MAR16 Meeting of the American Physical Society

## 8 Years of ALPhA's Impacts / 45 Years of Developing Experimentalists with Few Resources: A Talk in Two Parts<sup>1</sup> LOWELL MCCANN, Univ. of Wisconsin - River Falls

In 2007, faculty with a shared interest in the health of advanced physics laboratory courses (those offered beyond the first year of college) created ALPhA, the Advanced Laboratory Physics Association. Over the past 8 years, ALPhA activities have involved faculty from a sizeable fraction of the physics departments in the United States. In the first part of this talk, I will overview ALPhAs efforts and its impact. In the second part of the talk I will discuss the advanced laboratory curricula at the University of Wisconsin River Falls, which was developed over several decades using minimal resources for maximum impact.

<sup>1</sup>Supported by NSF grant DUE-1122993.