

Abstract Submitted
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Lessons in Learning: Developing the Introductory Physics Interactivity Survey (IPIS) LONDON JENKS, BRIAN PYPER, BYU-Idaho — Presentation of the development and first results of the Introductory Physics Interactivity Survey (IPIS) by the Brigham Young University – Idaho (BYU-I) Research In Science Education (RISE) group. The IPIS was developed to provide a diagnostic tool for gauging the level of interactive engagement methods utilized in introductory physics courses and provides a more easily administered tool than others currently available. Methods of development and testing, along with influences will be discussed. Correlations between the IPIS and scores on the Force Concept Inventory (FCI), Epistemological Beliefs Assessment for Physics Science (EBAPS), and the Lawson test of scientific reasoning will be presented as well. Possible application and further work and refining will be covered.

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