

UCI Assessment Grant Program—Fall 2014 Proposal Abstracts

- **Justin Shaffer, General Education Category II – Science and Technology**

As part of the UCI science and technology general education learning outcomes, students are expected to demonstrate an understanding of fundamental laws of science and natural phenomena and apply scientific knowledge, analyze data, and draw conclusions. In order to assess whether UCI students are achieving these outcomes, students' knowledge and skills will be assessed using a pre- and post-test study design. The results of this study will provide information about UCI students' content knowledge and scientific literacy skills and will identify courses that develop these skills effectively.