

## **Dr. Michael R Gallis**

**Associate Professor Tenure-Line  
Physics**

**Title of your research project.**

Physics Visualizations with Emerging Technology

**Description of research. Please provide a few sentences that explain the question and the methods employed in this research project.**

This project explores the creation and use of more advanced visualization technology (in particular, 360 Video and Web Based Virtual Reality) as applied to topics in introductory physics.

**Did this project include Penn State students as researchers?**

Yes

**If yes to the above question, please state where it was published.**

N/A

**What problem do you address with your research?**

These projects all address challenges to student learning in introductory Physics, Astronomy, and Math courses and strive to enhance the student learning experience.