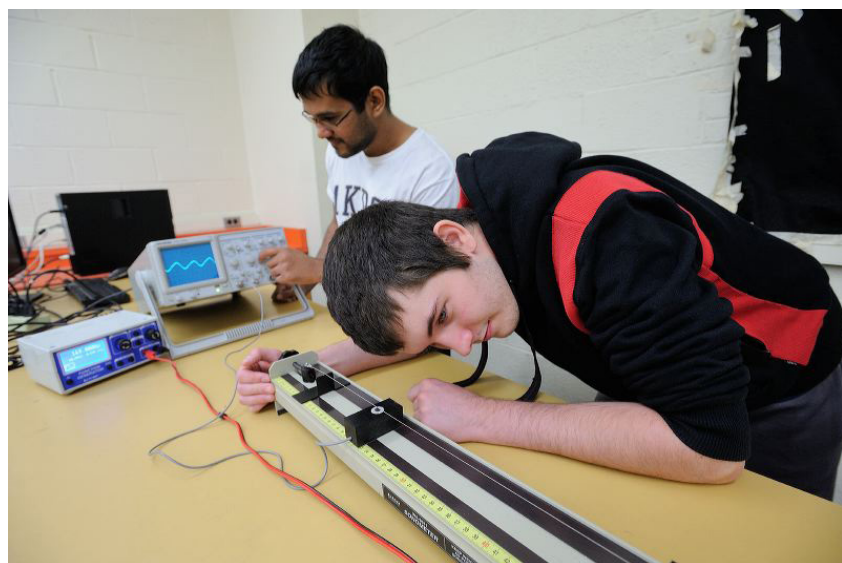


PHYSICS BY INQUIRY

Summer Workshop for 7-12 Science Teachers

Join us for a professional development workshop at The University of Akron to learn how to effectively teach physics concepts using inquiry. This workshop will focus on teaching physical science and physics concepts (aligned with New Ohio Learning Standards) for understanding, using a research-based inquiry approach, and incorporating the use of physics computer simulations focusing on targeted concepts in mechanics, waves, and energy.

Open for middle and high school science teachers, and special education teachers working in science classrooms. Physical science teachers are especially encouraged to apply. Space is limited, so please apply early.



» Dates

- June 13-24, 2016
- Three follow-up meetings in academic year 2016-17

» Sign up online by March 10

<https://goo.gl/UTXsRe>

» Topics Covered

- Designing and conducting scientific investigations
- Using online simulations (PhET)
- Addressing physics misconceptions
- Forces and motion
- Energy and waves
- Electricity and magnetism

» Teachers Receive

- \$300 stipend
- 3 graduate credits at no cost
- Free physics materials for the classroom
- Focused PD on how to teach physics concepts

» Faculty

- Robert Mallik, Professor, Physics
- Nidaa Makki, Associate Professor, Science Education
- Bob Engels, AP Physics Teacher, St. Vincent-St. Mary HS

» For More Information

- Contact Elizabeth Josifov at eaj12@zips.uakron.edu



Support for this workshop is provided by a grant under the federally funded Improving Teacher Quality Program, administered by the Ohio Department of Higher Education.