

You're cordially invited to the
ANNUAL ALL-FACULTY MEETING

Thursday, January 6th
10 am to Noon
in the Great Hall of ACAC

featuring

DR. ERIC MAZUR

on

***MEMORIZATION VS. UNDERSTANDING:
ARE WE ASKING THE RIGHT QUESTIONS?***



The Office of the Provost and the
Henneke Center for Academic Fulfillment
invite you to stay for

LUNCH

Noon to 1:15pm

and to join Professor Mazur for a

Workshop on Peer Instruction

1:30pm to 3:30pm
in the Gallery of ACAC

Please RSVP to Patt at patricia-joyce@utulsa.edu
or at 918.631.2554



Dr. Eric Mazur is the Balkanski Professor of Physics and Applied Physics at Harvard University. In addition to his internationally recognized research in optical physics, he devotes part of his research efforts to finding verifiable ways to improve science education. In 1990 he began developing Peer Instruction, a method for teaching large introductory classes interactively. Since then, this method has developed a large following and been adopted across many science disciplines.

On Memorization vs. Understanding...

Education is more than just transfer of information, yet at times that can become the main activity of class: instructors present material, and for students the main purpose of lectures is to take down as many notes as they can.

Few students have the ability, motivation, and discipline to synthesize all the information delivered to them. Yet synthesis is perhaps the most important -- and most elusive -- aspect of education.

Professor Mazur will show how shifting the focus in lectures from delivering information to synthesizing information greatly improves the learning that takes place in the classroom.

On the Peer Instruction Workshop...

The basic goals of Peer Instruction are to encourage and make use of student interaction during lectures, while focusing students' attention on underlying concepts and techniques. The method has been assessed in many studies using standardized, diagnostic tests and shown to be considerably more effective than the conventional lecture approach to teaching. In this workshop, participants will learn about Peer Instruction, serve as the "class" in which Peer Instruction is demonstrated, discuss several models for implementing the technique into the classroom, and learn about available teaching resources.