

The 2007 James "Duke" Sehnert Memorial Lecture

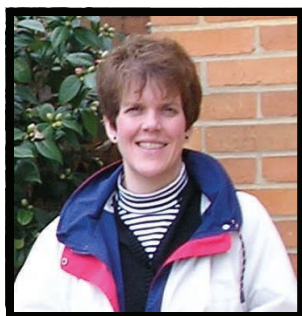
Making Essential Ideas a Focal Point of Our Mathematics

A number of professional organizations and respected individuals have made recommendations about what should happen in school mathematics. Moving beyond these recommendations and their classroom implications, this talk uses broadly accessible and engaging mathematical problems to underscore how students and others can think about mathematics in powerful ways.

Monday, October 29, 2007

7:30 p.m.

In the Otto Budig Theater (University Center)



Rose Mary Zbiek

Associate Professor of Mathematics Education
Pennsylvania State University

A former Pennsylvania mathematics and computer science teacher, Rose Mary Zbiek is an associate professor of mathematics education at The Pennsylvania State University. She joined the Penn State faculty in 2002 after a decade of teaching mathematics and mathematics education at the University of Iowa.

In addition to work in mathematical modeling, her current research blends a focus on the mathematical understandings of secondary mathematics teachers with a concentration in classroom use of mathematics technology. She served on the National Council of Teachers of Mathematics writing team for the *Curriculum Focal Points for Prekindergarten through Grade 8 Mathematics* and currently is Chair of the International Committee for Computer Algebra in Mathematics Education.

Serving as a senior faculty associate for the Mid-Atlantic Center for Mathematics Teaching and Learning, she is series editor of *Essential Understandings*, a 16-book series on the mathematical content for teachers in Grades PreK-12 to be published by NCTM beginning in 2008.

We encourage high school teachers and high school students to join us for this special event!!

High School teachers: Come yourself and bring a few students to join us for a free dinner in the Ballroom of the University Center at 5:30 p.m. If you can make it for dinner, please call the Mathematics Department office at 859-572-5377 by noon on Wednesday, October 24, so that we may plan accordingly.

NOTE: If you would like to bring more than two students, we may be able to accommodate you; please be sure, however, to call and check on availability of space for dinner (space may be limited).