

## The 2007 Sehnert Lecturer



**Rose Mary Zbiek**

Associate Professor of Mathematics Education  
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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.

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# Making Essential Ideas a Focal Point of Our Mathematics

*Monday, October 29, 2007*

*7:30 p.m.*

*Otto Budig Theatre (University Center)*

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.