

Program Author



Workshop/Presentation Topics

- Targeting Intervention for Struggling Students
- Teaching Mathematics to Students with Special Needs
- Supporting Development of Algebraic Reasoning in Number and Operations

Dr. Karen Karp

**Professor, Johns Hopkins University
(Baltimore, MD)**

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University of Louisville (KY)**

Karen Karp is currently a Professor at Johns Hopkins University in Baltimore, Maryland, which is rated in the top 20 Schools of Education in *U.S. News and World Reports*. Prior to that appointment she was, for 21 years, a Distinguished Teaching Professor of mathematics education at the University of Louisville in Louisville, Kentucky. Her scholarship investigates how to teach mathematics to underrepresented populations, most recently focusing on students with disabilities. Not only is Dr. Karp a certified mathematics teacher (K-12), she is also a certified special education teacher (K-12). She continues to work in classrooms to support the mathematics instruction of teachers of students with disabilities.

She is a former member of the Board of Directors of the National Council of Teachers of Mathematics (NCTM) and a former president of the Association of Mathematics Teacher Educators (AMTE). While on the NCTM Board, Dr. Karp was Co-PI on a grant to bring together teams of mathematics educators and special educators to develop research and professional development projects to support the teaching of mathematics to students with disabilities.

Dr. Karp has served on a number of grant committees, advisory boards, and advised on curriculum such as her work integrating art and mathematics for the Barnes Foundation in Philadelphia. She has received three awards: Outstanding Faculty Mentor, Outstanding Doctoral Student Mentor, and President's Distinguished Service Award for a career of outstanding professional service.

Dr. Karp is co-author of *Elementary and Middle School Mathematics: Teaching Developmentally*, 10th edition, *Putting the Essential Understandings of Addition and Subtraction into Practice*, the three book series: *Discovering Lessons for the Common Core State Standards in Grades K-5, 6-8, and 9-12*, *Developing Essential Understandings of Addition and Subtraction for Teaching Mathematics* and the chapter *Using formative assessment to guide the effective implementation of response to intervention (RtI)*. She is co-author of "Avoiding middle grades rules that expire!" in *Mathematics Teaching in the Middle School* and "13 rules that expire" in *Teaching Children Mathematics*. She is an author of **enVision** Mathematics.