

## Program Author



### Workshop/Presentation Topics

- Instructional Leadership
- Mathematics Coaches/Specialists
- Teacher Collaboration
- Fractions
- Formative Assessment
- Effective and Engaging Teaching and Learning Strategies
- Strategic Uses of Technology
- Access and Equity in Mathematics Education
- Supporting Productive Struggle in Math

# Jonathan A. Wray

**Mathematics Supervisor: Howard County Public Schools (MD)**  
**National Council of Teachers of Teachers Board of Directors (2012-15)**  
**Past President, Maryland Council of Teachers of Mathematics**  
**Manager, Elementary Mathematics Specialists & Teacher Leaders Project**

Jonathan Wray's passion for mathematics education has led to his involvement and leadership in a number of organizations and projects. His interests include the leadership roles of mathematics coaches/specialists, access and equity in mathematics classrooms, the use of engaging and effective instructional models to deepen student understanding, and the strategic use of technology in mathematics to improve teaching and learning.

Mr. Wray is a recent member of the National Council of Teachers of Mathematics Board of Directors. He served on NCTM's Emerging Issues Committee, exploring and examining issues that impact the teaching and learning of mathematics. Jon is a past president of the Association of Maryland Mathematics Teacher Educators (AMMTE) and Maryland Council of Teachers of Mathematics (MCTM).

Mr. Wray serves as the Project Manager of the Elementary Mathematics Specialists and Teacher Leaders Project where he works with Dr. Francis (Skip) Fennell to manage and oversee the development of the project clearinghouse ([www.mathspecialists.org](http://www.mathspecialists.org)) and provide ongoing professional development for elementary mathematics coaches/specialists and other teacher leaders.

Additionally, as a district mathematics curriculum supervisor, he leads the development and implementation of mathematics curriculum and engages teachers and administrators in professional learning opportunities focusing on effective teaching methods and instructional leadership.

Mr. Wray coauthored *The Formative 5: Everyday Assessment Techniques for Every Math Classroom*; *Everything You Need for Math Coaching: Tools, Plans and a Process That Works for Any Instructional Leader, K-12*; and *Common Core Mathematics in a PLC at work™, Grades K-2 and 3-5*. He has also contributed to a number of educational texts, chapters and journal articles on the mathematics content, pedagogy, instructional technology, and educational leadership. He is an author of **enVision Mathematics**.