

*Ohio Mathematics and Science Coalition*

*May 14, 2010*

*Speaker Biographies*

**Dr. Rikki Blair**

Richelle (Rikki) Blair is currently Past President of the American Mathematical Association of Two-Year Colleges (AMATYC). She has also served in the following roles in AMATYC: Editor of *Beyond Crossroads*, AMATYC Midwest Vice President, Chairperson of the Placement and Assessment Committee, a member of the 1995 Standards writing team, and AMATYC historian. Rikki received her Ph.D. from Kent State University in Curriculum and Instruction.

Other professional activities include: Federal Advisory Committee for Education and Human Resources Exec of the National Science Foundation (2009-2011), Member of the US National Commission on Mathematics Instruction (2009-2012), Executive Committee of the Conference Board of the Mathematical Sciences (2007-2009), MAA Committee on Two-Year Colleges (2002-2008 and 1992-1999), Executive Committee of the Mathematical Sciences Education Board (MSEB) of the National Research Council (1998-2001), Executive Director of the Ohio Mathematics and Science Coalition (1995-97), Statewide Coordinator for Administration for Ohio's Statewide Systemic Initiative (1991-93), a member of various national steering committees, numerous presentations at professional conferences, author of an Introductory Algebra and Intermediate Algebra textbook for two-year college students.

Rikki's interest throughout her career has been curriculum development, incorporating innovative strategies into her classes, and improving mathematics experiences for students at the two-year college. As Professor of Mathematics at Lakeland Community College in Kirtland, Ohio (1981-2001) and former department Chairperson, Rikki worked hard to promote active learning for her students and bring technology into the curriculum.

**Dr. Joseph Ganem**

Joseph Ganem is currently a professor at Loyola University Maryland where he teaches physics and mathematical methods for physics. He is an author on numerous scientific papers in the fields of laser development and magnetic resonance and has received grants from Research Corporation, Petroleum Research Fund, and the National Science Foundation for his research on solid-state laser materials.

Ganem received a Ph.D. from Washington University in Saint Louis, a M.S. from the University of Wisconsin-Madison and a B.S. from the University of Rochester. He did postdoctoral work at the University of Georgia-Athens and at the United States Naval Research Laboratory in Washington, DC.

Of course, Dr. Ganem is also a consumer. His interest in deceptive numbers arose from his own experiences with misleading advertising. By applying his knowledge of math to his own financial decisions, he developed an invaluable set of resources the average consumer can use to save money. The result is his groundbreaking book, *The Two Headed Quarter*.

### **Dr. Thomas Love**

Thomas Love is Associate Professor of Medicine, Epidemiology and Biostatistics at Case Western Reserve University School of Medicine, and Director of the Biostatistics and Evaluation Unit at the Center for Health Care Research and Policy at Case and MetroHealth Medical Center in Cleveland. Dr. Love also directs the Analytic Team for Better Health *Greater* Cleveland, an independent alliance of health care providers, consumers, government leaders, academics and payers dedicated to improving the health of Northeast Ohioans living with chronic disease. He has published more than four dozen research articles related to statistical methods in education, health policy, management and medicine, including several publications on statistics education in the university setting. Tom is the 2010 Chair of the Health Policy Statistics Section of the American Statistical Association, and Co-Chair of the 9<sup>th</sup> International Conference on Health Policy Statistics, to be held in October 2011 in Cleveland. He also serves as Associate Editor of *The American Statistician*. Dr. Love holds a Ph.D. in Statistics from the University of Pennsylvania and two Masters' degrees in Mathematics Education from Teachers College, Columbia University.

Tom has had the pleasure to speak to many gatherings of educators at the high school and university levels about issues related to quantitative thinking and statistics education.

### **Janet Struble, M. Ed.**

Janet Struble is the current President of the Science Education Council of Ohio. She is the Program Coordinator for the University of Toledo's successful teacher preparation center, UT3. As an experienced middle grades science teacher, Janet brings more than 20 years of perspective on the issues around developing scientifically and quantitatively literate students. Her current responsibilities include the preparation of pre-service science teachers and the coordination of science education activities at the University of Toledo. With interests in mathematics and physics, Janet sees the importance of quantity and contexts in understanding concepts about the natural world. Janet is also active in examining approaches to alternative teacher licensure and strengthening K-12 science curriculum and standards.