



Inaugural Meeting of the  
**TPSE Mathematics Advisory Group (MAG)**

Washington, DC  
March 25-26, 2016

## Participants

### TPSE Math

**Eric M. Friedlander**, University of Southern California  
**Mark Green**, University of California, Los Angeles  
**Phillip Griffiths**, Institute for Advanced Study  
**Tara Holm**, Professor of Mathematics, Cornell University  
**Brit Kirwan**, University of Maryland  
**Karen Saxe**, DeWitt Wallace Professor, Macalester College  
**Uri Treisman**, Dana Center, Math Department, UT Austin

### MAG Members

**Sheldon Axler**, Professor of Mathematics, San Francisco State University  
**Linda Braddy**, Vice President for Academic Affairs, Tarrant County College  
**Ron Buckmire**, Professor of Mathematics, Occidental College  
**Stephen Cantrell**, Professor and Chair of Mathematics, University of Miami  
**Rick Cleary**, Professor and Chair, Division of Mathematics and Science, Babson College  
**Duane Cooper**, Associate Professor and Chair of Mathematics, Morehouse College  
**Dan Fahringer**, Math & Computer Science Professor, Harrisburg Area Community College; Mid-Atlantic Vice President, AMATYC  
**Maria Mercedes Franco**, Coordinator for Undergraduate Research, Associate Professor, Mathematics & Computer Science, Queensborough Community College (CUNY)  
**Rebecca Goldin**, Professor, Mathematical Sciences; Director, STATS.org, George Mason University  
**Jim Ham**, President-Elect, AMATYC (representing Nancy Sattler)  
**Nicholas J. Horton**, Professor of Statistics, Department of Mathematics and Statistics, Amherst College  
**Dave Kung**, Professor of Mathematics, St. Mary's College of Maryland, Director, MAA Project NExT  
**Rachel Levy**, Associate Professor of Mathematics and Associate Dean for Faculty Development, Harvey Mudd College; Vice President for Education, Society for Industrial and Applied Mathematics (SIAM)  
**Alycia Marshall**, Department Chair/Professor of Mathematics, Anne Arundel Community College  
**Herbert A. Medina**, Professor of Mathematics, Loyola Marymount University  
**Haynes Miller**, Professor of Mathematics, Massachusetts Institute of Technology  
**Rick Miranda**, Provost and Executive Vice President, Colorado State University

**Ricardo Moena**, Director of Entry Level Courses, Mathematical Sciences Department, University of Cincinnati

**Deborah Nolan**, Professor, Department of Statistics, University of California, Berkeley

**Michael E. O'Sullivan**, Chair, Mathematics and Statistics Dept., San Diego State University

**Michael A. Posner**, Associate Professor of Statistics and Director, Center for Statistics Education, Villanova University

**Nancy Rivers**, Administrative Department Head, Mathematics and Physics, Wake Technical Community College, Raleigh, NC; Southeast Vice President, AMATYC (representing Nancy Sattler)

**Donald Saari**, Professor, University of California, Irvine

**Jane D. Tanner**, AMATYC President, Onondaga Community College

**Peter Turner**, Dean, Arts & Sciences, Clarkson University

**William Y. Velez**, Associate Head for Undergraduate Affairs, Department of Mathematics, University of Arizona

**Judy Walker**, Chair, Department of Mathematics, University of Nebraska – Lincoln

**Suzanne L. Weekes**, Department of Mathematical Sciences, Worcester Polytechnic Institute (WPI)

**Talithia Williams**, Associate Professor of Mathematics, Harvey Mudd College, 2015-2016 ACE Fellow, University of Maryland, Baltimore County

**Scott A. Wolpert**, Chairman, Mathematics Department, University of Maryland

**Michelle L. Younker**, Chair of Mathematics, Owens Community College

## Panelists, Stakeholders, Guests

**Dean Allison**, Director, School of Mathematical Sciences, University of Northern Colorado

**Anthony Bahri**, Professor of Mathematics, Rider University

**Sandra Black**, Member, Council of Economic Advisers

**Anthony P. Carnevale**, Director and Founder, Georgetown University Center on Education and the Workforce

**James Castagnera**, Associate Provost, Rider University

**Ralph Cicerone**, President, National Academy of Sciences

**Sue Cui**, Helmsley Charitable Trust

**Tristan Denley**, Vice Chancellor for Academic Affairs, Tennessee Board of Regents

**Mike Faulkender**, Director of Finance, Robert H. Smith College of Business, University of Maryland

**Elliot Fishman**, Johns Hopkins Hospital

**Amy Getz**, Strategic Implementation Lead, Higher Education, Dana Center, UT Austin

**Howard Gobstein**, Executive Vice President, APLU

**Danny Goroff**, Vice President and Program Director, Alfred P. Sloan Foundation

**Louis J. Gross**, Distinguished Professor of Ecology and Evolutionary Biology and Mathematics, Director Emeritus, National Institute for Mathematical and Biological Synthesis, Univ. of Tennessee, Knoxville

**John Haddock**, Program Director, Division of Undergraduate Education, NSF

**Robert C. Hilborn**, Associate Executive Officer, American Association of Physics Teachers

**Rush Holt**, Chief Executive Officer, American Association for the Advancement of Science

**Freeman Hrabowski**, President, University of Maryland, Baltimore County

**John R. Jungck**, Professor of Biological Sciences and Mathematical Sciences, University of Delaware

**Kim Kastens**, Special Research Scientist, Lamont-Doherty Earth Observatory of Columbia University

**Jay Labov**, Senior Advisor for Education and Communication, National Academies of Sciences,  
Engineering, and Medicine

**Donna Lalonde**, Director of Strategic Initiatives and Outreach, American Statistical Association

**Francesca Fraga Leahy**, Research and Communications Associate, The Charles A. Dana Center at UT  
Austin

**David Levermore**, Professor of Mathematics, University of Maryland, College Park

**Jim Lewis**, Deputy Assistant Director, Education and Human Resources Directorate, NSF

**Anne Mackinnon**, Senior Consultant, Carnegie Corporation of New York

**Shirley Malcom**, American Association for the Advancement of Science

**Peter March**, Rutgers University

**Rebecca Martin**, Executive Director, National Association of System Heads (NASH)

**David May**, Project Director, Advancing Mathematics Pathways for Student Success, APLU/AASCU

**Donald McClure**, Executive Director, American Mathematical Society

**Peter McPherson**, President, Association of Public and Land-grant Universities (APLU)

**Teri J. Murphy**, Program Director, Division of Undergraduate Education, NSF

**Michael Pearson**, Executive Director, Mathematical Association of America

**Hannah Poulson**, Policy Associate, Association of American Universities

**Sandra Richardson**, Program Director, Division of Undergraduate Education, NSF

**Ron Rosier**, Director, Conference Board of the Mathematical Sciences

**Thomas Rudin**, Director, Board on Higher Education and Workforce, The National Academies

**Hal Salzman**, J.J. Heldrich Ctr Workforce Development, E.J. Bloustein School Planning & Policy, Rutgers  
University

**Heidi Schweingruber**, Director, Board on Science Education, National Academies of Sciences,  
Engineering and Medicine

**Susan Singer**, Division Director, Division of Undergraduate Education, NSF

**Karl A. Smith**, Morse-Alumni Distinguished Teaching Professor, Professor of Civil Engineering, Emeritus,  
University of Minnesota & Cooperative Learning Professor of Engineering Education, School of  
Engineering Education, Purdue University

**Michael Vogelius**, Division Director, Division of Mathematical Sciences, NSF

**Ron Wasserstein**, Director, American Statistical Association

**Lee Zia**, Deputy Division Director, Division of Undergraduate Education, NSF

## Staff

**Alan Anderson**, Writer/Editor, TPSE Math

**Arlen Hastings**, TPSE Math Administrator, Institute for Advanced Study