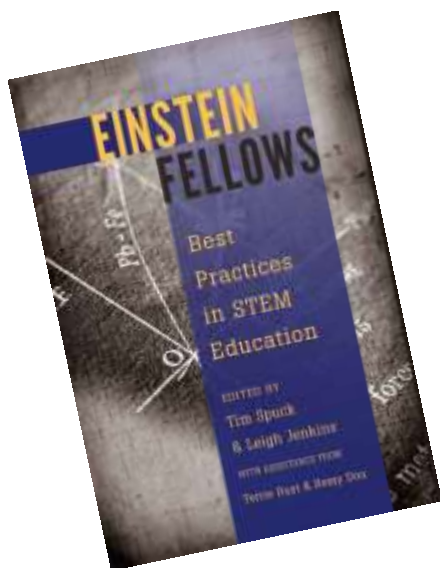




## Woodrow Wilson International Center for Scholars

Presents

“Innovation in STEM Education: 400,000 Hours of Practice”



## YOU ARE INVITED

**WHEN:** Tuesday, July 22, 2014  
2:00 PM to 3:30 PM

**WHERE:** Wilson Center – 6<sup>th</sup> Floor Board Room  
One Woodrow Wilson Plaza  
1300 Pennsylvania Ave., NW, Washington, DC

Science, technology, engineering, and mathematics (STEM) education is seen by leaders from across the globe as key to economic success and prosperity. As the body of STEM-learning research grows, *Einstein Fellows: Best Practices in STEM Education* provides the unique perspective of 15 nationally recognized educators who have spent,

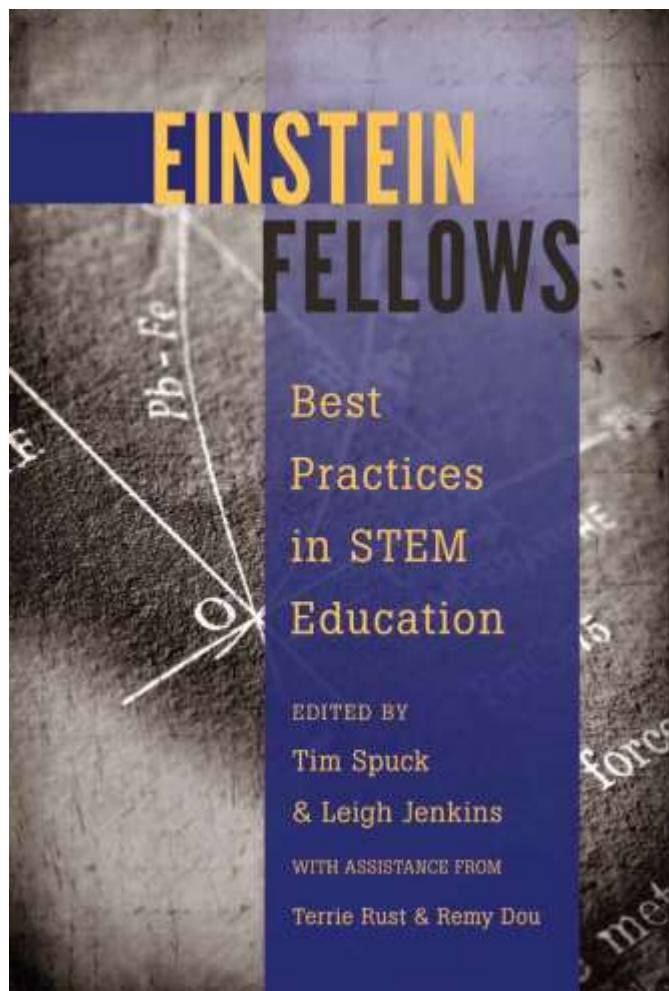
collectively, more than 400,000 hours at the interface between teaching and learning. The volume brings powerful insight about what really works when it comes to teaching and learning STEM.

The Woodrow Wilson International Center for Scholars will host a panel discussion with the authors of this highly anticipated publication. At a time when our Nation struggles to improve STEM education, the authors bring the “teacher voice” front and center, with innovative ideas for STEM education policy makers, organizations, teacher trainers, school administrators, and formal and informal educators.

Join Kent Hughes, Public Policy Scholar - Global Europe Program and these exceptional educators and authors of *Einstein Fellows: Best Practices in STEM Education*, in a discussion about effective STEM education that can be integrated broadly across our schools, and federal and state STEM education initiatives, to create positive change for all learners.

**FEATURED PANELISTS INCLUDE:** **Tim Spuck** - Putting the “Authenticity” into Science Learning, **Leigh Jenkins** - Modeling Sustainability Through STEM Service-Learning, **Terrie Rust** - Engaging Girls in STEM Careers, **Remy Dou** - Alternative Reality: Gamifying Your Classroom, **Nancy Spillane** - The Search for Interdisciplinarity: Moving from Biology, Chemistry, and Physics to STEM and Beyond, **Carmelina Livingston** - Building a Foundation for successful STEM Education at the Elementary Level, **Brenda Gardunia** - Teaching Mathematics to At-Risk Students, **Sue Whitsett** - Research Experiences for Teachers Can Enhance the Teaching of Science, and **John Moore** - Applications of Satellite Imagery, Remote Sensing, and Computer Visualizations: Observing the Earth and Visualizing the Future.

**Space is limited so PLEASE RSVP to [page@wilsoncenter.org](mailto:page@wilsoncenter.org) by COB  
Monday, July 21**



## What are people saying about Einstein Fellows: Best Practices in STEM Education?

"Broad implementation of these best practices has the potential to improve STEM education both here in the U.S. and across the globe."

**U.S. Congressman Mike Honda** - California's 17th District

"This book is STEM for the 21<sup>st</sup> century!"

**Sarah Young**, K-12 Science Specialist for the Utah State Office of Education

"Provides concrete examples to bring STEM alive in the classroom."

**Ioannis Miaoulis**, President & Director, Museum of Science, Boston and founder of the National Center for Technological Literacy

"A useful guide to educators who seek STEM clarity in the form of practices that can be readily adopted in their own classrooms or informal learning settings."

**Tom Peters**, Executive Director - South Carolina Coalition for Mathematics and Science

"Highly recommended for any educator seeking proven practices from some of our nation's best STEM educators."

**DaNel Hogan** - STEM Coordinator for the Pima County School Superintendent

"... a uniquely positioned book because it synthesizes solutions for many pressing issues in STEM education from some of the most influential teachers ..."

**Erin E. Peters-Burton**  
Associate Professor of Science Ed and Ed Psychology  
George Mason University

"I strongly encourage teachers, those who prepare teachers, school administrators, those who fund school reform, Congress, and the Obama administration to give this publication a thorough review as they work to prepare the next generation of STEM innovators."

**Kent H. Hughes**, Public Policy Scholar  
Global Europe Program  
Woodrow Wilson International Center for Scholars

"Timely arrival of a book that everyone including parents, students, politicians and practicing professionals must read ..."

**Dhadesugoor R. Vaman**, Texas A&M Regents Professor, Prairie View A&M University, Texas; and Chief Technology Officer, Digital Compression Technology, Virginia.

"Save yourself some time and buy two copies right away; you'll surely want to give one of your copies to a colleague."

**Stephen Pompea**, Education and Public Outreach Department Head, National Optical Astronomy Observatory

"This informative collection of essays provides overviews of research insights in the field of STEM education coupled with the wisdom of the teachers who apply it in their classrooms."

**Arthur Eisenkraft**, Distinguished Professor of Science Education, Professor of Physics, Director, Center of Science and Math in Context (COSMIC) - University of Massachusetts - Boston

"This book could not come at a more critical time, considering our country's dire STEM workforce needs."

**Cindy L. Hasselbring**, Special Assistant to the State Superintendent, Maryland State Department of Education