

Inside the AMS

AMS Congressional Fellow Named



Catherine Paolucci

CATHERINE PAOLUCCI of the State University of New York (SUNY) at New Paltz has been awarded the 2016–2017 AMS Congressional Fellowship. She is a member of both the Department of Mathematics and the Department of Teaching and Learning and serves as the secondary mathematics education coordinator.

Her research is primarily in mathematics teacher education, although she has recently been investigating ways to enhance mathematical learning for students at all levels using 3-D design and 3-D printing. The development of the International Mathematics Enrichment Project (IMEP), which offers future teachers an opportunity to provide mathematics enrichment for children in South Africa, also reflects her commitment to developing innovative programs that increase access to STEM education for all learners.

Paolucci has served on the standard-setting committee for New York State's Mathematics Content Specialty Test for teacher certification and has led university policy revisions regarding the mathematical content studied by future teachers. Additionally, she led the development of Ireland's first specialized undergraduate degree program in mathematics education at the National University of Ireland, Galway.

The Congressional Fellowship program is administered by the American Association for the Advancement of Science (AAAS) and provides an opportunity for scientists and engineers to learn about federal policy making while contributing their knowledge and analytical skills to the process. Fellows spend a year working on the staff of a member of Congress or a congressional committee, working as a special legislative assistant in legislative and policy areas requiring scientific and technical input. The Fellowship program includes an orientation on congressional and executive branch operations and a year-long professional development program.

The Fellowship is designed to provide a unique public policy learning experience to demonstrate the value of science-government interaction and to bring a technical background and external perspective to the decision-making process in Congress.

For more information on the AMS-AAAS Congressional Fellowship, go to bit.ly/AMSCongressionalFellowship.

—AMS Washington Office

From the AMS Public Awareness Office

AMS Pledges Support of arXiv. The AMS is pleased to be the first professional society and publisher to become a supporter of the arXiv. The Society's five-year pledge, announced in July, recognizes the value of this open-access digital repository of scientific research for authors and researchers worldwide. Donald E. McClure, then AMS Executive Director, said, "The AMS donation is a tangible expression of the Society's admiration for the value the arXiv represents to the mathematics research community. It is a great resource for the open and rapid dissemination of research." Mathematical sciences were added to the arXiv in 1997 to facilitate growth in areas of mathematics not covered at the time. Since then arxiv.org has become very important for the mathematics community, and the cooperation between the arXiv and the AMS, especially MathSciNet™, continues to grow. The Society's pledge signifies its commitment to ensuring the continued success of this scholarly communication forum that is free to all end-users and to the individual researchers who deposit their content in the arXiv.

—Annette Emerson and Mike Breen
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Photo Credit

Photo of Catherine Paolucci is courtesy of the Paolucci family.