

POLY Awards
Mark Scholars -Previous Awardees
2007-2015

2015 Mark Scholars Program

Mark Scholar Award: Stuart Rowan
Mark Young Scholar Award: Bradley Olsen

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2013 Mark Scholars Program

Mark Young Scholar Award: Rachel O'Reilly
Mark Scholar Award : Rigoberto Advincula

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2011 Mark Scholars Program

Mark Young Scholar: Javid Azayev
Mark Scholar Award: Tim Lodge
Mark Senior Scholar Award: Jimmy Mays

Professor **Javid Rzayev of Buffalo** is the recipient of the **Mark Young Scholar Award**. His research program embraces the building of tailored polymer structures and architectures and the analyzing of supramolecular organization and self-assembly. The main focus is on shape-persistent macromolecules as building blocks for nanoscale assemblies and functional materials.

Professor **Timothy Long of Virginia Tech** is our recipient of the **Mark Scholar Award**. Prof. Long is devoted to fundamental investigations of living polymerization processes, molecular architecture-performance relationships, branched polymers, polymer design at the interface with biology, supramolecular chemistry, and the pioneering of in-situ spectroscopic techniques in polymer and monomer synthesis.

Professor **Jimmy Mays of the University of Tennessee** is the recipient of the **Mark Senior Scholar Award**. Prof. Mays is internationally recognized as one of the leaders in the synthesis of polymers and copolymers having tailored architectures and in modifying surfaces and particles with polymers.

Each Mark Scholar had a full session at the Denver meeting concluding with their award address. The Polymer Division thanks and recognizes these outstanding individuals for their work, dedication, and leadership within the field of Polymer Science.



Awardees group: (l to r, row 1 - bottom) J. Mays, Mark Scholar Awardee, R. B. Moore, POLY Chair
(l to r, row 2 - center) J. Rzayev, T. E. Long, Mark Scholar Awardees
(l to r, row 3 - top) R. Turner, and A. Mueller, Elsevier Award Sponsor Reps.

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2009 Mark Scholars Program

Mark Scholar Award: Karen Wooley
Mark Senior Scholar Award: Jim Crivello

This year's **Mark Scholar Award** was awarded to **Karen L. Wooley**, Texas A&M University for her leadership in the application of polymer chemistry towards nanostructured materials. She was one of the first to recognize the potential impact that could be made towards the preparation of robust nanostructures through covalent crosslinking of self-assembled block copolymers. Dr. Wooley also developed synthetic methods leading to fully degradable structures, the covalent attachment of biologically-active ligands, the binding of reporter molecules for PET imaging, the synthesis of polymer-drug conjugates, all of which constitute additional important and highly practical contributions from her laboratory.

James V. Crivello, Rensselaer Polytechnic Institute, was awarded the **Mark Senior Scholar** for his seminal work on iodonium salts and sulfonium salts that has had a wide impact on Polymer Science. His initial observations resulted in the development of photocurable resins. He was the key individual not only in the development of syntheses for the onium salts, which required the synthesis of initiators tailored to specific wave lengths, but in the mechanistic studies of the polymerization reactions and the design of the specific polymer systems. These discoveries in onium salt chemistry were utilized by Frechet and Willson and others at IBM for their very successful development of positive photoresist systems which are used commercially in the manufacture of integrated circuits.

Each scholar had a full session at the Washington, DC meeting concluding with their award address. The Polymer Division thanks and recognizes these outstanding individuals for their work, dedication, and leadership within the field of Polymer Science.



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2007 Mark Scholars Program

Mark Young Scholar: Greg Tew
Mark Scholar Award: Craig Hawker
Mark Senior Scholar Award: Krzysztof Matyjaszewski