

POLY Awards

Biomacromolecules/Macromolecules Young Investigator Award-Previous Awardees
2013-2022

2017 Biomacromolecules/Macromolecules Young Investigator Award

The ACS journals Biomacromolecules, Macromolecules, and ACS Macro Letters in partnership with POLY are proud to announce the selection of Professors **Richard Hoogenboom** of Ghent University and **Rachel O'Reilly** of the University of Warwick (UK) as winners of the 2017 Biomacromolecules/Macromolecules Young Investigator Award. Professors Hoogenboom and O'Reilly will be honored during an award symposium at the ACS Fall National Meeting, August 20-24, 2017, in Washington, DC.



Stuart Rowan (ACS Macro Letters), Richard Hoogenboom, Ann-Christine Albertsson (Biomacromolecules), Rachel O'Reilly, Tim Lodge (Macromolecules)

2016 Biomacromolecules/Macromolecules Young Investigator Award

Professors **Cyrille Boyer** and **Andrew P. Dove** are the distinguished winners of the 2016 Biomacromolecules/ Macromolecules Young Investigator Award.

The ACS journals Biomacromolecules, Macromolecules and ACS Macro Letters in partnership with the Division of Polymer Chemistry are proud to announce the selection of Professors Cyrille Boyer of the University of New South Wales and Andrew P. Dove of the University of Warwick, as the winners of the 2016 Biomacromolecules/Macromolecules Young Investigator Award. Professors Boyer and Dove will be honored during an award symposium at the ACS Fall National Meeting, August 21-25, 2016, in Philadelphia, PA.

Professor Boyer was selected in recognition of his outstanding contributions in development of new functional polymers and new nanomaterials for biological applications. He has developed original methodologies for the synthesis of complex macromolecules, including star polymers, hyperbranched polymers, and biodegradable polymers and a new photoinduced polymerization techniques, photoinduced electron/energy transfer – reversible addition fragmentation chain transfer polymerization (PET-RAFT).

Professor Dove was selected for this honor in recognition of his exceptional contributions to development of synthetic methodologies for degradable polymer materials with exquisitely-tuned structures, stereochemistries and functionalities, and with compositions that are sustainable. His work has impacted research areas of organocatalysis, orthogonally-functional degradable polymers and metal-free click chemistry leading to new techniques and materials for advanced biomaterials applications.



Tim Lodge (Macromolecules), Andrew Dove, Ann-Christine Albertsson (Biomacromolecules), Cyrille Boyer, Stuart Rowan (ACS Macro Letters)

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2015 Biomacromolecules/Macromolecules Young Investigator Award

Matt Becker (Univ. Akron)
Brent Sumerlin (Univ. Florida)



Stuart Rowan (ACS Macro Letters), Ann-Christine Albertsson (Biomacromolecules), Matt Becker, Brent Sumerling, P. Majumder (ACS), Tim Lodge (Macromolecules)

2014 Biomacromolecules/Macromolecules Young Investigator Award

The award honors the contributions of two individuals, early in their careers, who have made a major impact on the field of polymer science. The 2014 winners are **Sébastien Perrier** (University of Warwick) and **Zhiyuan Zhong** (Soochow University, China). The award is sponsored by the ACS journals Biomacromolecules, Macromolecules and ACS Macro Letters in partnership with the Division of Polymer Chemistry. A half-day symposium, co-chaired by Editors-in-Chief of sponsoring journals, Ann-Christine Albertsson and Timothy P. Lodge was held during the fall ACS National Meeting.

Sébastien Perrier, University of Warwick

Professor Perrier was selected in recognition of his exceptional contributions to the research in living radical polymerizations in both fundamental and applied polymer chemistry. His work spans from mechanistic studies, to the development of new synthetic pathways for complex polymeric architectures, to the design of nanostructured materials with new properties, which has led to nanomaterials with applications in materials science and medicine.

Zhiyuan Zhong, Soochow University

Professor Zhong was selected for this honor in recognition of his outstanding contributions to the design and development of functional biodegradable polymers, stimuli-sensitive drug and protein delivery systems, and targeted nanomedicines.



Tim Lodge (Macromolecules), Seb Perrier, Zhiyuan Zhong, P. Majumder (ACS), Ann-Christine Albertsson (Biomacromolecules)

2013 Biomacromolecules/Macromolecules Young Investigator Award

Raffaele Mezzenga, Professor in Food & Soft Materials Science, and affiliated Professor of the Materials Department, ETH Zurich, received the Biomacromolecules / Macromolecules Young Investigator Award at the Spring 2013 ACS meeting in New Orleans. Raffaele Mezzenga received his master degree (Summa Cum Laude) from Perugia University, Italy, in Materials Science and Engineering, while actively working for the European Center for Nuclear Research (CERN) and NASA on elementary particle-polymer interactions (NASA Space Shuttle Discovery mission STS91). In 2001 he obtained a PhD in Polymer Physics from EPFL Lausanne, focusing on the thermodynamics of reactive polymer blends. He then spent 2001-2002 as a postdoctoral scientist at University of California, Santa Barbara, working on the self-assembly of polymer colloids. In 2003 he moved to the Nestlé Research Center in Lausanne as research scientist, working on the self-assembly of surfactants, natural amphiphiles and lyotropic liquid crystals. In 2005 he was hired as Associate Professor in the Physics Department of the University of Fribourg, and he then joined ETH Zurich on 2009 as Full Professor. His research focuses on the fundamental understanding of self-assembly processes in polymers, lyotropic liquid crystals, food and biological colloidal systems. Prof. Mezzenga has been a visiting Professor from Helsinki University of Technology (now Aalto University), a Nestlé Distinguished Scientist, and recipient of several international distinctions such as the John H. Dillon Medal (2011, American Physical Society), the Young Scientist Research Award (2011, American Oil Chemist Society) and the 2004 Swiss Science National Foundation Professorship Award.

David Michael Lynn, Professor, Department of Chemical & Biological Engineering and Department of Chemistry (by courtesy) at the University of Wisconsin – Madison received the Biomacromolecules / Macromolecules Young Investigator Award at the Spring 2013 ACS meeting in New Orleans. Professor Lynn received his B.A. in Chemistry, in 1994 from the University of South Carolina, Columbia, SC under Professor John W. Baynes and Professor James M. Tour. He received his Ph.D. in Chemistry at the California Institute of Technology, Pasadena, CA in 1999 under Professor Robert H. Grubbs. His dissertation title was “Well-Defined, Water-Soluble Ruthenium Alkylidenes: Synthesis and Application to Olefin Metathesis in Protic Solvents”. He was an NIH Postdoctoral Fellow from 1999-2002 at the Massachusetts Institute of Technology, Cambridge, MA, under Professor Robert Langer. He then became an Assistant Professor at the University of Wisconsin – Madison in 2002, an Associate Professor in 2008, and a Full Professor in 2012.



Stuart Rowan (ACS Macro Letters), Tim Lodge (Macromolecules), David Lynn, Raffaele Mezzenga, Ann-Christine Albertsson (Biomacromolecules), P. Majumder (ACS)