

Polymeric Materials: Science and Engineering Division of the American Chemical Society

Greetings!

Welcome to the first issue of *PMSENews in 2016!* Read on for a preview of PMSE sessions at the Spring 2016 National ACS meeting, meet the latest PMSE award winners, and learn where to find useful resources for career and professional development.

We strive to bring relevant, timely and useful information right to your desk. We want to hear from you on what else you'd like to see included in these newsletters - please email the [Editor](#) with your feedback.

In This Issue

Excerpts from the Chair's message

2016 Spring National ACS Meeting: PMSE Programming

2016 Material Science Webinar Series

Information on PMSE Awards

Excerpts from the Chair's Message



Dr. Qinghuang Lin

"It is an honor to serve you as Chair of the American Chemical Society (ACS) Division of Polymeric Materials Science and Engineering (PMSE) in 2016. I appreciate the opportunity to serve alongside you in what I believe will be an exciting year for the Division. I want to take this opportunity to welcome new PMSE members."

"I want to thank you, the royal members of the Division, who contribute countless hours to organize PMSE symposia, to organize and lead PMSE/Poly student chapters, to

Cooperative Research Award Winner

The 2016 Award for Cooperative Research in Polymer Science and Engineering from American Chemical Society Division of Polymeric Materials Science and Engineering is given to [Dr. Brian Benicewicz](#) at University of South Carolina and [Dr. Gordon Calundann](#) for the collaborative work that spanned over a period of thirty five years during Dr. Calundann's tenure at Celanese Corporation, Pemeas GmbH of Germany, and BASF Fuel Cell GmbH.

[Nominations](#) for the 2017 award will be accepted until August 15, 2016.

Tess Award Winner

Congratulations to Professor [Mark D. Soucek](#) for winning the 2016 [Roy W. Tess](#) Award in Coatings. This major award, which recognizes outstanding individual achievements and note-worthy contributions to coatings science, technology and engineering, confirms PMSE's long-standing and continuing support and dedication to excellence in the science, technology and engineering of coatings.

Please forward all 2017 nominations by September 1, 2016.

serve as advisors of the PMSE/Poly student chapters, to serve on PMSE Committees, or contribute time to serve PMSE in other volunteer capacities, or simply renew your PMSE membership year after year!"

"PMSE offers exciting, innovative and interdisciplinary programs with an emphasis on emerging fields of polymers and other materials including biomaterials, energy, nanomedicine, novel synthetic methods, self-assembly, polymers from nontraditional sources, stimuli responsive polymers, etc. If you would like to organize a PMSE symposium, please feel free to contact the PMSE Technical Programming Committee or me."

"PMSE's international outreach made an important breakthrough this year with the election of first ever international members to our latest class of PMSE Fellows. They are Professor Jung-Il Jin of Korea University, Korea and Professor Shiro Kobayashi of Kyoto Institute of Technology, Japan. Professor Jin and Professor Kobayashi join two other distinguished PMSE members, Professor Antonio Facchetti of Northwestern University and Professor Karen Winey of University of Pennsylvania, as the 2016 Class of PMSE Fellows. The 2016 Class of PMSE Fellows will be inducted at the San Diego ACS National Meeting during the PMSE/Poly Awards Reception on Wednesday night, March 16, 2016."

"PMSE strives to identify and nurture the rising stars of our profession-our talented young investigators and graduate students. Relevant PMSE's programs include

- Award for Outstanding Graduate Research in Polymer Chemistry Symposium
- Eastman Chemical Student Award in Applied Polymer Science
- PMSE Young Investigators Symposium
- PMSE/Poly student chapters"

Please visit the [PMSE website](#) to read more from our Chair.

March 2016 National ACS Meeting

The 2016 Spring National ACS meeting will be held in San Diego, CA March 13 - 17, with the theme of "Computers in Chemistry". The primary meeting location for the PMSE technical sessions will be in the Marriott Marquis San Diego Marina in downtown San Diego. Here's a look at the PMSE programming:

- ACS Award in Applied Polymer Science: Symposium in Honor of Thomas P. Russell
- ACS Award for Creative Invention: Symposium in Honor of Antonio Facchetti
- Bioresponsive and Biomimetic Synthetic Polymers and Materials
- Clay/Polymer Composites: Nanoclays and Other Natural Nanoparticles
- Computational and Cheminformatics in Polymers Research
- Cooperative Research Award: Symposium in Honor of Brian Benicewicz and Gordon Calundann
- Directed Polymer Assembly
- Dynamic and Tunable Biomaterials
- Flow Induced Crystallization of Polymers
- General Papers/New Concepts in Polymeric Materials
- Hybrid Polymers and Nanocomposites CO-SPONSORED Chinese Chemical Society (CCS)-Polymer Division (PD)
- James V. Crivello Memorial Symposium
- Joint PMSE/POLY Poster Session
- Polyethylene
- Polymer-related Energy Conversion and Storage

2015 Arthur K. Doolittle Award

[Kyoko Nozaki](#) (The University of Tokyo) was awarded the 2015 Doolittle Award for the paper "Coordination Copolymerization of Olefins with Polar Monomers Catalyzed by Pd Complexes of Unsymmetrical Bidentate Ligands."

[The Arthur K. Doolittle Award](#), established by the Union Carbide Corporation, is given to the authors of an outstanding paper presented before the Division at each national meeting of the ACS. A prize in the amount of \$1,000.00 is financed with the gift of royalties from A. K. Doolittle's book, *Technology of Solvents and Plasticizers*. All papers appearing in the Preprint Book are evaluated on the basis of content, with emphasis on originality and development of new concepts, and on the quality of presentation.

2015 Distinguished Service Award

[Benny Freeman](#) was named the 2015 PMSE Distinguished Service Awardee. He has contributed numerous pioneering accomplishments at the intersection of processing and materials properties, especially in the nanocomposites and membrane areas. A Fellow of the ACS, AIChE, AAAS, PMSE Division of the ACS, and the IECR Division of the ACS, Benny has also received numerous awards, including PMSE's Cooperative Research Award and Roy W. Tess Award, and the ACS Award in Applied Polymer Science. A Past Chair of ACS PMSE, Benny continues to serve today

For details, [click here](#).

2016 Material Science Webinar Series

In 2016, on the first Thursday of every month, the American Chemical Society will offer eleven webinars on innovations in materials science that have touched millions of people and reshaped industries. The next webinar will be conducted on Feb 4 and will be the second of a three- part series on technological breakthroughs that transformed mobile communications. [Click here](#) for more details.

Awards and Recognition

Interested in nominating a colleague for an award? PMSE offers a variety of awards for students, academic and industrial chemists.

- Henkel Award for Outstanding Graduate Research in Polymer Chemistry
- Arthur K. Doolittle Award
- Cooperative Research Award in Polymer Science and Engineering
- Distinguished Service Award
- Ford Travel Grants for Women and Under-Represented Minorities
- ICI Student Award in Applied Polymer Science
- National Starch and Chemical Award for Outstanding Graduate Research in Polymer Chemistry
- PMSE Fellows Program
- Roy W. Tess Award in Coatings

[Click here](#) for a complete list of PMSE awards. [Click here](#) to go to the ACS awards page

This email is being sent to you as you are a member of the ACS Polymeric Materials: Science and Engineering division. If you do not wish to receive these newsletters, please use the link below to unsubscribe.

as a Counselor for the division. For more details on the PMSE Distinguished Service Award, [click here](#).

ACS Careers

Whether you are looking for a job or seeking to advance your career, the [ACS Careers webpage](#) has many valuable tools and resources - including personal career advice, professional development courses, salary surveys and job search tools. Take advantage of these member benefits today!

Quick Links

[PMSE Home](#)

[Follow PMSE on Twitter](#)

[ACS Home](#)

[ACS Meetings](#)

We want to hear from you!

Are you part of a PMSE student chapter? Share news of your chapter's activities with the PMSE community! [Contact us](#) with a writeup.