



IAB Bulletin

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IAB MISSION

“Enhance and foster industrial engagement and support to develop programming, education, recognition & awards within the ACS Division of Polymer Chemistry.”

Special Issue

Free POLY membership, notify others in your company

ACS Division of Polymer Chemistry MEMBERSHIP Challenge – FREE TO JOIN IN 2015.

If it has been more than 3 years or if you have never been a Member, now is time to sign up for a **COMPLIMENTARY 1-Year** ACS Division of Polymer Chemistry Membership. No long-term commitment. POLY simply wants you to experience being a part of THE Polymer Chemistry Division whose members are among the legends in the field. We would greatly appreciate your sending this to others within your company and beyond to invite anyone who has an interest in the polymer chemistry community to join. Send your request (name, company, address, email, whether you are an ACS Member) to acspolymers@gmail.com referencing “1500Free”. You don't have to be an ACS Member to be a Member of POLY. For further questions, please contact Lesia Linkous at lesiar@vt.edu.

IPS Award

Industrial Polymer Scientist Award (IPS) THE NOMINATION PROCESS IS NOW OPEN ..to JULY 31, 2015

The purpose of the IPS Award is to recognize outstanding industrial innovation and creativity in the application of Polymer Science, conducted by individual scientists or research teams.

More details are online at: <http://www.polyacs.org/256.html>

Previous nominations will roll over with the 2014 IAB IPS nominations. Please notify POLY Awards Co-Chairs/contacts if the packet needs to be updated.

Submission: The evaluation of all award packages will be coordinated by POLY Awards Co-chairs, Kenneth Carter (University of Massachusetts) and Marc A. Hillmyer (University of Minnesota). The nomination and its accompanying material for the 2016 award must be received by the Awards Chair via the POLY Business Office no later than **July 31, 2015**. Please e-mail nomination material to KATHYL@VT.EDU at the POLY Business Office (540-231-3029).

ACS Level Awards

Heroes of Chemistry web page

<http://www.acs.org/content/acs/en/funding-and-awards/awards/industry/heroes.html>

This is an award for industrial scientists whose work in various fields of chemistry and chemical engineering has led to the successful innovation and development of commercial products based on chemistry. 3-6 industrial teams are typically awarded per year; and the selection committee is interested in making sure that a variety of applications are represented as awardees, so very much encourages materials-oriented companies apply. Nominations for the 2015 awards (which will be presented at a banquet during the Boston ACS meeting) are being accepted until April 20.

DON'T LET ACS AWARDS PASS US BY. For a complete listing of industry-based ACS Awards, go to:

<http://www.acs.org/content/acs/en/funding-and-awards/awards/industry.html>

The Master's Industrial Internship Program at the University of Oregon

"The quality of students coming out of the Master's Industrial Internship Program is uniformly high. The students are productive and enthusiastic, and seem to really enjoy their experience with us."

—Kyle Gee, Sr. Director, Chemistry R&D, ThermoFisher Scientific

The Master's Industrial Internship Program was developed in partnership with industry leaders to provide strong technical training in the fields of *Polymers, Optics, and Semiconductors*. With over 16 years of experience, our educational program allows students to gain an industrially-relevant technical background, professional skills such as communication and leadership, and real-world training through a 9 month internship. Companies who host interns have the benefit of assessing the students' capabilities before making hiring decisions. With 500+ alumni and approximately 90% of students receiving regular job offers after their internships, we continue to produce top technical talent.

What is my financial commitment?

No fees or annual participation requirements are associated with the program.

What impact will hiring interns have on IP?

IP generated during the internship is solely owned by the host company.

When are students available to begin an internship?

Internships typically begin in early fall or winter, though there is some flexibility.

When can I hire an intern as a "regular" employee?

You can make an offer at any time during the internship without affecting an intern's academic status. Our students do not need to return to UO to complete their coursework allowing them to transition from intern to FTE without interruption.

For more information visit internship.uoregon.edu or contact *Stacey York, Ph.D., Director of Strategic Partnerships*, syork@uoregon.edu, 541-346-6752

Future Programming, Boston and Beyond

BOSTON:

Value of Basic Research to Industrial Polymer Science

Monday morning requested, S. Eastman, C. Radano, Organizers

... more information available soon

Industrial Innovations in Polymer Chemistry

Monday Afternoon Requested

C. Lipscomb, L. Stratton, Organizers

The Industrial Innovations in Polymer Chemistry Symposium will be on Monday Afternoon. The general purpose of this symposium is to highlight new technologies and products within the industrial sector that came to fruition because of new advances in polymer chemistry.

Current List of speakers, affiliations and Presentation Titles:

- (1) Schlumberger Limited - **Phil Sullivan** - Research Program Manager - Inter-Polymer Complex Hydrogels formed by Thermal and/or pH Triggered Gelation
- (2) BASF Corporation - **Guenter Scholz** - Senior Manager - Industrial Innovation in the case of Flame Retardant Thermoplastic Polyurethanes
- (3) Arkema, Inc. - **Jason Ge** - Research Scientist - Alternative Light Diffusion Materials for LED Lighting
- (4) Milliken Chemical - **Scott Trenor** - Senior Research and Development Chemist - Enhancing the Properties of Polypropylene: Upgrading rPP for More Demanding Applications
- (5) 3M Company - **Kiu-Yuen Tse** - Research Specialist - Kind Removal Silicone Tape: Innovation in Medical Adhesives
- (6) BIND Biosciences - **Mir Ali** - Director Polymer Chemistry - Polymer Excipients for Accurins™: Design and Development of Polymers that Enable Targeted Nanoparticle Based Cancer Therapy
- (7) MPD Chemicals, **Carrington Smith** - CEO - A Chemist's Challenge: Making Sense of Financial Jargon.

Value of Basic Research to Industrial Polymer Science – A Senior Chemists Perspective

Tuesday Afternoon Requested, S. Eastman and R. Moore, Organizers

... more information available soon

SAN DIEGO: Mark your calendar and don't miss Monday IAB Programming:

POLY-INOR-BMGT, Inorganic Polymers in Industrial Applications, Laura Stratton, Nora Radu, Organizers

Industrial Innovations in Polymer Chemistry, Louis Pitet, Andy Meyer, Organizers

PHILADELPHIA:

REQUEST FOR ORGANIZERS – K-12 Workshop and Symposium: Polymer Science of Everyday Things, Philadelphia National ACS Meeting, 2016

Introduction: The goal of the "The Polymer Science of Everyday Things" symposium and workshop is to explain how things that people encounter and use everyday depend on polymer science for their ubiquity. The special focus proposed is "Beauty, Sports and Leisure". Specific topics will be crystallized as speakers are identified.

We will be presenting "The Polymer Science of Everyday Things" information to K-12 science teachers during a half-day workshop which will be complimented by a corresponding three session symposium (Sunday and Monday) designed for scientists. Teachers teaching teachers about the use of polymers is a primary goal of the Polymer Division's educational initiatives. POLY, through its PolyEd committee and through its participation in the Intersociety Polymer Education Council (IPEC), has been providing in-service workshops to K-12 science teachers since 1990.

The teachers' workshop is an important way to get scientific information through the various layers of society, specifically from scientists to teachers to kids and their parents

Scientific Merit: For the Workshop, four speakers are planned, including two industrial experts and two Polymer Ambassadors. Polymer Ambassadors are high school teachers who are specially trained in polymer science by a POLY/PolyED program. The selected industrial speakers will give joint presentations with the Polymer Ambassadors to the K-12 teacher audience and will also give presentations to scientific professionals during the Symposium.

Broader Impacts: The "The Polymer Science of Everyday Things" workshop is planned in conjunction with the Division of Chemical Education (CHED) High School Day.

Reply with your interest to: **Dana Garcia, Arkema Inc, Email address: dana.garcia@arkema.com**

Industrial Advisory Board, Division of Polymer Chemistry, Inc., American Chemical Society
Chairs: Travis Baughman (DSM) travis.baughman@dsm.com & Diana Gerbi (3M) djgerbi@mmm.com

PPC-14, Sponsorship Opportunities

14th PACIFIC POLYMER CONFERENCE

<http://www.ppc14.org/>
December 9-13, 2015
Grand Hyatt Resort and Spa
Kauai, Hawaii USA

WHY SPONSOR THIS EVENT?

- Showcase your business and its offerings to your target market
- Advertise your business to a global audience
- Obtain up-to-date information from others in the field
- Get a unique opportunity to attend, learn, network and play an active role in this important conference

In addition to general sponsorships, many opportunities are available for those companies interested in sponsoring in specific ways. From sponsoring handouts to social events, Banners to jump drives the options are endless.

Sponsorships generally start from \$500.00. For further information, visit the conference's sponsorship site at:

<http://www.ppc14.org/sponsors.html>

Your Company, Your Projects

Tosoh - GPC conference in September

Mark your calendars for the GPC conference *Polymer And Polyolefin Analysis And Characterization*. Sept. 1-2, 2015 Washington, DC. Details at www.gpcconference.com

Wyatt Technology event in Santa Barbara in November

Mark your calendars for the Wyatt Technology *International Light Scattering Colloquium*. Nov. 2-5, 2015 in Santa Barbara, CA. Details at <http://www.wyatt.com/events/ilsc/ilsc.html>

IAB Board Payment is Due

POLY IAB Dues in the amount of \$1,000.00 are due for 2014.

Contact Lesia Linkous for processing, lesiar@vt.edu, ph: 540-231-3029.

Upcoming POLY Workshops

Find the latest on POLY Workshops at: <http://polyacs.net/workshopshub.htm>

Upcoming ACS Events

Find the latest on ACS Events at: <http://acs.org>