Tyranny Enables Disruptive Technologies and Volunteers

One of the most famous lines in polymer history goes something like: “Dear Colleague, Leave the concept of large molecules well alone … there can be no such thing as a macromolecule”. This advice was offered to Hermann Staudinger in 1920. At that time, the fact that polymeric molecules existed was as foreign to the conventional authority then as protein folding is to my four year old, Stella (left). Staudinger the radical fought the oppression upon his intellectual freedom—a form of tyranny over his mind and data—and he won. This confirmed the polymer age—previously industrialized by Goodyear, Hyatt, Bakeland, and others—and the harbinger for some of the most disruptive technologies of the 20th century.

Today, we all face economic tyranny. And with it comes great opportunity. Many times in history, economic and other forms of tyranny have enabled disruptive technologies. Necessitated by tyranny in the 1940s, synthetic rubber, polyamides, acrylics, and others were developed. As Guttenberg’s press helped deliver the Renaissance from the Dark Ages, today’s polymer based communication, energy, health, and other technologies are poised to light the present dim condition.

Throughout history, volunteers have gathered to fight all forms of tyranny. From Revolution, to your ACS Division of Polymer Chemistry, the volunteer has served and in most cases helped produce a better community for its members by enabling critical forums for incubating and motivating new disruptive ideas and collaborations. In order to accomplish our mission of professional service, we must adapt and be even more innovative in recruiting and retaining volunteers with creative ideas that meet the dynamics of the day. We ask that you join us as a volunteer as we continue an open call to arms and hostility against economic and other forms of professional tyranny.

This issue of your POLY Newsletter highlights several anti-tyrannical member benefits such as awards and recognition, continued graduate and undergraduate student research symposia, on-line Polymer Preprints, POLY Student Chapters, our successful workshops program, and an excellent report from our Councilor’s detailing relevant actions from and with Council and national committees. New initiatives such as the very successful debut of online voting, and our inaugural POLY Fellows program are also described. All of these proud successes came from volunteers, and all have enhanced our polymer community. And yes, speaking of tyranny (for some) and Polymer Preprints, we have welcomed your input and suggestions about preprints and the Executive Committee will debate and hopefully adopt some needed enhancements this year.

Other initiatives ongoing in POLY include increased international programming and new collaborations with IUPAC’s Polymer Division, ACS Divisions, and other societies. We are improving our outreach to industry with topical workshops targeted in industrial geographic areas anchored by one or more major firms. In addition, another program to help increase the value and involvement of industrial members in POLY is the creation of sub-groups based on region and/or technical area. These volunteer efforts along with webcasting of symposia enable timely dissemination of critical technical content while reducing costs to our members. If you are interested in helping to co-host a commercial focused workshop or help form a sub-group, and you are not a tyrant, please contact me.

We will soon meet in our nation’s inspiring capitol with the ACS theme of “Chemistry and Global Security”. If you get a chance, visit the Jefferson Memorial and recall his quote inscribed and circling his statue above: “I have sworn upon the altar of God eternal hostility against every form of tyranny over the mind of man.” Volunteer Jefferson knew a bit about tyranny and disruption on many levels.

-- Dennis Smith, 2009 POLY Chair
Are Wyatt instruments the product of intelligent design or evolution? Yes.

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So, was it intelligent design or evolution? Precisely.

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POLY Recognizes Outstanding Members!

The POLY/PMSE awards reception held at the ACS National Meeting in Salt Lake City, Utah, honored outstanding achievements by its members. 2009 POLY Chair, Dennis W. Smith, Jr., had the pleasure of congratulating this year’s POLY award winners.

**Carl S. Marvel Creative Polymer Chemistry Award:** The Polymer Division honored the recipient of the 2009 Carl S. Marvel Creative Polymer Chemistry award, Professor Geoffrey W. Coates (Cornell University), at the Spring ACS Meeting in Salt Lake City. Professor Coates has made, and continues to make major creative contributions and innovations in modern polymer chemistry. Coates is an internationally known polymer chemist whose research focuses on the development of new catalyst systems for the synthesis of novel polymers. Besides his groundbreaking research in major areas of metal-catalyzed synthesis, Coates has turned his attention to several important families of commercially relevant polymers and has developed efficient, environmentally-friendly and affordable synthetic routes to aliphatic polycarbonates, polylactic acid, and poly-β-hydroxyalkanoates. These three families of compounds, which reflect a novel approach to polymer chemistry in today’s post-petroleum era, are already in widespread commercial use. Coates’ novel synthetic methodology has lead to important discoveries and new cost-efficient processes for use in both basic and applied polymer science.

The Carl S. Marvel Award is sponsored by Rohm and Haas Company and the Polymer Division for the purpose of recognizing and encouraging accomplishments and/or innovation of unusual merit in the field of basic or applied polymer science by younger scientists.

**Graduate Student Travel Awards:** The Graduate Student Travel awards were once again organized by the Polymer Division Membership Committee and sponsored by the POLY Industrial Advisory Board. The awards for the Salt Lake City ACS meeting were received by Kenneth R. Graham (University of Florida) whose presentation was entitled “Donor-Acceptor-Donor Based Oligomers for Near-Infrared Emission in Polymer-Based Light Emitting Devices”, Margaret J. Sobkowicz (Colorado School of Mines) who presented her work on “Carbon Nanostructures for Applications in Biopolymer Nanocomposites: Functionalization Strategies”, and Guoging Zhang (University of Virginia), whose presentation was entitled, “Luminescence Color Tuning for Difluoroboron β-Diketonate-Polylactide Biomaterials”.

The Travel Awards are given for each ACS meeting to provide funding for polymer graduate students to travel to the National ACS meeting to present the results of their research. Only members of the ACS and the Division of Polymer Chemistry who study at U.S. institutions are eligible for this travel award. For specific deadlines, award criteria, application instructions, and additional information on upcoming awards visit: http://www.polyacs.org/membership/travelinst.shtml.

**Past-Chair Recognition:** The Polymer Division saluted Eric Amis, (NIST) for his outstanding service as 2008 Polymer Division Chair.

**Recognition Pins:** All members celebrating their 5, 10, 20, and 30 year anniversaries of membership were recognized.

The evening successfully celebrated the individuals who are the present and future of Polymer Chemistry. Congratulations again to all! Additional award information can be viewed on-line at WWW.POLYACS.ORG.

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Division of Polymer Chemistry, Inc.
As part of Polymer Division’s initiative on graduate student membership and graduate education, the Division started a special symposium, entitled “Excellence in Polymer Graduate Research” at the National ACS Meeting in Philadelphia in Fall 2004. Since then, we have organized this symposium every year in the Spring ACS meeting. The fifth symposium was held at the National ACS Meeting in Salt Lake City, Utah, on March 22-23, 2009. It consisted of two half-day oral sessions, a poster session, and a networking social.

The purposes of this symposium were to provide recognition to outstanding graduate students in polymer science and engineering, to foster networking and exposure, and to help develop the careers of future leaders in our field. We publicized this symposium via the POLY list server, POLY web page, and direct email messages to over 100 departments that are active in polymer research. We requested that each department nominate one outstanding graduate student to speak on his or her original research in this special symposium. Each student should fill out an application form and have a nominating letter from the research advisor and a letter from the department head.

This year we received 24 submissions. We were very pleased with the quality of the papers and the caliber of the students. In the oral sessions 14 students gave talks on their papers, and in the poster sessions 10 students presented their work. Both the oral and poster sessions went very well. Many graduate students asked questions during the talks, and it was enjoyable to see them interacting during and after the sessions.

As part of the recognition, each student received a certificate plus a cash award. We were pleased that Dr. Bruce Bursten, the Immediate ACS Past President, attended the session at the end and spoke to the students for 10 minutes, encouraging them to excel in their work. A reception followed. It was wonderful that many established and well-known polymer scientists came to the reception, talking and mingling with the students.

This symposium was organized by ACS Polymer Division (POLY), and cosponsored by Presidential Event (PRES), Young Chemists Committee (YCC), Division of Professional Relations (PROF), Society Committee on Education (SOCED), and POLY. The symposium had the generous support of ACS President Thomas H. Lane and the Dow Corning Foundation, National Science Foundation Division of Materials Research (DMR), ACS Polymer Division (POLY), Industrial Advisory Board of the Polymer Division (IAB), Rohm and Haas - a wholly owned subsidiary of The Dow Chemical Company, and Lord Corporation. The organizers thank all the sponsors and supporters, without whom this symposium would not have been possible.

**Symposium Organizing Committee:**
Erica H. Martin (POLY Member-at-Large), Timothy E. Long (POLY Past Chair), Christopher Ellison (POLY Member), and H. N. Cheng (POLY Councilor)

**Oral Session**
- Heather Avens, University of Colorado
- Monica Branco, University of Delaware
- Kevin Herlihy, University of North Carolina
- Jeremiah Johnson, Columbia University
- Yongye Liang, University of Chicago
- Shuang Liu, University of Delaware
- John Matson, Caltech
- Alan Lee Miller, University of Iowa
- David Lee Morgan, University of Southern Mississippi
- Renaud Nicolaj, Carnegie Mellon University
- Erick Isael Soto-Cantu, Louisiana State University
- Eun Ji Shin, Stanford University
- Guorong Sun, Washington University - St Louis
- Haopeng Wang, Case Western Reserve University
- Dr. Bruce Bursten, ACS Past President

**Poster Session**
- Jonathan Janoski, University of Akron
- Pei Yuin Keng, University of Arizona
- Xiang Liu, Brown University
- Patrick M. McLendon, Virginia Tech
- Ranjini Murthy, Texas A&M University
- Lucas Sievens-Figueroa, University of Iowa
- Santy Sulaiman, University of Michigan
- Erika Yamaguchi, Tokyo University of Agriculture & Technology
- Yagang Zhang, University of South Carolina

**Additional Information:**
- The symposium had the generous support of ACS President Thomas H. Lane and the Dow Corning Foundation, National Science Foundation Division of Materials Research (DMR), ACS Polymer Division (POLY), Industrial Advisory Board of the Polymer Division (IAB), Rohm and Haas - a wholly owned subsidiary of The Dow Chemical Company, and Lord Corporation. The organizers thank all the sponsors and supporters, without whom this symposium would not have been possible.

**Symposium Organizing Committee:**
Erica H. Martin (POLY Member-at-Large), Timothy E. Long (POLY Past Chair), Christopher Ellison (POLY Member), and H. N. Cheng (POLY Councilor)
The fourth annual Undergraduate Research in Polymer Science Symposium was held at the Salt Lake City National Meeting. There were nine oral presentations and nine posters from students from sixteen universities across the country. The National Science Foundation Department of Materials Research sponsored travel awards for the top ten preprints. The program was co-sponsored by POLY, The Society Committee on Education and The University of Southern Mississippi and culminated with a joint reception with the Excellence in Graduate Research Symposium. The two symposia were recognized as Presidential Events.

**Symposium Organizers:**
Sarah Morgan and Sergei Nazarenko  
(University of Southern Mississippi)

Session Chair’s, Sarah Morgan and Sergei Nazarenko (center), presented certificates to the Undergraduate Research in Polymer Science Travel Award Winners:
- Brennan M. Bailey, Texas A&M University
- John W. Breeden, St. Louis University
- Chia-Chih G. Chang, Colorado School of Mines
- Ashley Cox, University of Southern Mississippi
- Gabriela Escalera, University of Texas at El Paso
- Jared James Griebel, Case Western Reserve University
- Sara Porosky, University Akron
- Sarah Sullivan, St. Norbert College
- Jenna R. Taft, Williams College
- Seth L. Young, Georgia Tech

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**Division of Polymer Chemistry, Inc.**
IN MEMORIAM

W. Val Metanomski

The POLY family mourns the passing of long time POLY friend and volunteer, Dr. Wladyslaw “Val” Metanomski. Val passed away on Thursday, December 11, 2008. He was born October 3, 1923 in Vienna, Austria to the late Justyn and Amelia (Bloch) Metanomski. He received his B.Sc (Eng.) degree in chemical engineering from the University of London, England, in 1952, and M.A.Sc. and Ph.D. degrees from the University of Toronto, Canada, in chemical engineering (1960) and polymer chemistry (1964), respectively. He served as the Senior Scientific Information Analyst in Editorial Operations of the Chemical Abstracts Service (CAS) from 1964 to 2008. He was involved in abstracting, indexing, and naming, especially of polymers, in defining technical content of CAS publications and service, and in a variety of editorial projects for more than 40 years. He presented and published papers on oxidation-reduction polymers, chemical nomenclature, abstracting, indexing, and retrieval of chemical information, often with a historical perspective.

Between 1989 and 1999 he chaired the Nomenclature Committee of the ACS Division of Polymer Chemistry (POLY). In 1991, he initiated the publication of a regular column “Macromolecular Nomenclature Note” in Polymer Preprints. He contributed a chapter on “Nomenclature” to Wiley’s “Polymer Handbook” (4th ed., 1999). He received the Polymer Distinguished Service Award in 1995. Val served as POLY Historian, compiling a list of POLY Milestones for the whole period of POLY’s existence, which was displayed as a poster at the POLY Millennial 2000 meeting and published in the “Golden Anniversary 1951-2001 ACS Division of Polymer Chemistry, Inc., History Update”. Val submitted a regular “POLY History” article for the POLY Newsletter including his last submission in the Fall 2008 edition entitled, “POLY History -- Symposia 50 and 25 Years Ago”. In addition, Val served as the Copy Editor for the POLY Newsletter from 2003-2008.

Val was also active in the ACS Division of Chemical Information (CINF), was its chairman in 1987, and received their Meritorious Service Award in 1992 for service to the Division and the profession. For their 50th anniversary, he compiled a booklet on “50 years of Chemical Information in the American Chemical Society, 1943-1993”.


Val was a member of the St. Andrew Catholic Church, and the Polish-American Community. He was also a WWII veteran of the Polish Army and fought in the Battle of Monte Cassino in Italy. Val’s wife of 44 years, Helena, passed away on January 17, 2009. They are survived by daughter and son-in-law, Marianne and Stephen Cincinat; and two grandchildren, Ray Taylor, III and Natasha Taylor. Contributions may be made in his memory to the American Cancer Society, 870 Michigan Avenue, Columbus, Ohio 43215. Visit www.schoedinger.com to send online condolences to the family.

POLY On-Line Elections Huge Success

The first on-line POLY election was a huge success. The 2008 POLY Election proved to be largest voting turn-out in over 10 years with over 20% membership participation. The 2009 candidate information will be posted on-line in the fall. An e-mail will be sent to all voting members which will contain website and login instructions. If you do not have an e-mail address on file, a postcard with this information will be sent by mail. If you would like to update your e-mail address or other membership information, please contact ACS membership services at 1-800-333-9511 or e-mail service@acs.org.

Upcoming Election Slate

The slate of candidates has been selected by the nominating committee and approved by the Executive Committee, and listed below.

Vice Chair:
- Joseph Mabry, Air Force Research Laboratory, Edwards Airforce Base
- Peter Zarras, Naval Air Warfare Center Weapons Division

Member-at-Large:
- Alan R. Hopkins, The Aerospace Corporation
- Michael Meador, NASA Glenn Research Center

Councilor:
- H.N. Cheng, Southern Regional Research Center, USDA - ARS
- David Germack, National Institute of Standards and Technology
Introducing The POLY Fellows Program

Submitted by Eric Amis and Kathleen Havelka

One action of the Division at the Salt Lake City meeting was the establishment of a new program to name Fellows of the Division of Polymer Chemistry. We are excited about this opportunity to recognize outstanding achievements and contributions to polymer science and the profession. The selection of individuals as POLY Fellows will be based on nominations of POLY members by POLY members. Furthermore, we appreciate that POLY members have diverse contributions and may focus their efforts either on scientific accomplishments or service to the profession, or both. POLY seeks to recognize excellence in all ways that POLY members advance our field of polymer science.

The complete details of the eligibility, nomination process, selection criteria, and implementation plan, are given in the official description of the program as approved by the POLY Executive Committee and posted on the POLY website. Please note that nomination packages (including nomination letter, seconding letter(s), nomination form, and supporting materials) will be due to the Fellows Committee on June 15 of each year.

The number of new Fellows selected each year from the nominations to the Committee will equal no more than 0.1% of the current POLY membership. To inaugurate the Fellows program, a group of distinguished past recipients of POLY awards will be inducted as founding Fellows at the Fall 2009 ACS meeting. The first group selected from the nominations submitted by June 15, 2009 will be inducted at the Spring 2010 meeting. Following this initial phase, Fellows will be inducted at each Fall meeting.

POLY Award Information

Paul J. Flory Polymer Education Award
Upcoming Deadline - 7/1/09

Purpose: To recognize, encourage, and stimulate outstanding achievements by an individual in promoting undergraduate and/or graduate polymer education.

Industrial Polymer Scientist Award
Upcoming Deadline - 11/1/09

Purpose: To recognize outstanding industrial innovation and creativity in the application of polymer science, conducted by individual scientists or research teams.

Nomination Instructions:

For award instructions and additional information, please visit our web site:

http://www.polyacs.org/

or contact:

Thomas Seery
University of Connecticut
860-486-1337
thomas.seery@uconn.edu

INDUSTRIAL ADVISORY BOARD

A special THANK YOU to those companies who have taken an active role in POLY’s Industrial Advisory Board.

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At the Salt Lake City National Meeting (March 21-26, 2009), POLY was represented at the ACS Council by Bill Daly, H. N. Cheng, and John Pochan. The following account summarizes some selected activities in the committees and groups that POLY Councilors are involved in.

**Division Activities Committee (DAC) - John Pochan**

DAC discussed electronic dissemination of national meeting programs with a representative of Content Management Corporation, the company that is disseminating some of the SLC meeting (see below). Questions concerning costs, fees, clearance, publication rules and a general roll-out of a plan to cover an entire national meeting were discussed. DAC has formed a committee (Pochan being a member) to produce a white paper and a proposed business model for the endeavor. Once DAC has vetted the proposal it will be distributed to the Divisions for approval or change.

DAC also discussed augmenting the Division allocation formula to provide allocation additions for participation in regional meetings.

**Multidisciplinary Program Planning Group (MPPG) – John Pochan**

Future themes have been vetted for the 2011 national meeting and confirmed. These are: Chemistry of Natural Resources for Anaheim (spring 2011) and Chemistry of Air, Space and Water for Denver (fall 2011).

The themes for the remainder of 2009 and 2010 are as follows: Washington (fall 2009) – Chemistry and Global Security: Challenges and Opportunities, Sadiq Shah, thematic chair; San Francisco (spring 2010) – Chemistry for a Sustainable World, Laura Pence, thematic chair; Boston (Fall 2010) – Chemistry for Preventing and Combating Disease, John Finley, thematic co-chair. The organization structure of MPPG has been changed in order to facilitate division input and operations – see the MPPG website under the DAC banner.

**Committee on Meetings and Expositions (M&E) - Bill Daly and H. N. Cheng**

The Meetings and Exposition Committee held a successful pilot program to open the 2009 expositions on Sunday evening between 6:30-8:30 PM with a welcome reception and open show hours. The show seemed to be well attended. Many people shuttled back and forth between the exhibits and the Sunday poster session, which took place at the other end of the Convention Center.

The Salt Lake City meeting attracted 10,668 attendees. The exhibits continued to do well. Throughout the years, the exhibits have steadily increased in booth sales and in revenue. In Salt Lake City, the booth sales was lower, perhaps a result of the location and poor national economy.

The overall meeting finances are a concern as the last two meetings have not contributed to the Society revenue.

The first experiment with electronic dissemination of programming makes the plenary lecture of the Nanoscience Symposium available to members on-line. Check the ACS web page for Angela Belcher’s keynote address as well the lectures presented in the Plenary Session on Nanoscience, Challenges for the Future. The impact of electronic dissemination of presentations both as a benefit to the members as well as the change in meeting attendance was discussed extensively.

The meeting in Philadelphia received very favorable reviews. In the post-conference survey, 89% of the respondents recommended Philadelphia for future ACS National Meetings. This positive response was tempered by the high labor cost at Philadelphia. We are scheduled to return to Philadelphia in Fall 2016.

M&E is continuing its efforts to bolster the regional meetings. There are currently 10 regions. The attendance at each regional meeting is typically 600-800. At POLY, Warren Ford is in charge of liaison with the regional meetings on polymer-related programming.

**Committee on Committees (ConC) – H. N. Cheng**

At this meeting, ConC carried out a mini-review of committees. A joint Board-ConC Action Enablement Team has completed its task to examine the reporting alignment of ACS Council-related committees and recommend changes in their categorization. At Salt Lake City, ConC has initiated the formation of a Task Force on Senior Chemists. The purpose is to serve as a focal point for senior members, to organize talks, events and activities targeted for their interests, and to give these members a greater sense of inclusion in the ACS. Several members of POLY are involved, e.g., Eli Pearce as Task Force Chair, Bill Daly and Bob (Rochester, NY) Moore as members, and H. N. Cheng as ConC liaison.

**Committee on Nomenclature, Terminology, and Symbols (NTS) – H. N. Cheng**

This committee strives to provide leadership in nomenclature and coordinate its work with other national and international organizations on nomenclature, particularly with respect to ACS publications. The new committee chair, Peter Rusch, is interested in interfacing with appropriate divisions and in organizing meaningful activities. For more information, visit their website at http://membershierp.acs.org/N/NOME

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**POLY Councilors’ Report of the Salt Lake City Meeting**

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**POLY Preprint Go On-line**

Polymer Preprints were made available completely electronic to all members of the Polymer Chemistry Division beginning Fall 2008. The Polymer Preprints Vol. 48 (2), 2008 and Vol. 50 (1), 2009 is available on-line at:

https://submissions.miracdl.com/acspolymer

This link grants access to the content previously available in the CD. The content is available online for POLY members with their user ID and a password. The “Login” will be your membership ID number and the password is “Polymer”. You will be given an opportunity to change your login and/or password if you wish to do so on this website.

The POLY Business Office will have a few CD’s for those that specifically need them at a cost of $5 to members. If you are interested in purchasing the CD, please send an e-mail to KATHYL@VT.EDU or call the POLY Business Office at 540-231-3029.

**Congratulations! 2009 Roy W. Tess Awardee**

Dr. Christian Decker will receive the Roy W. Tess Award from Dr. E. Bryan Coughlin, Chair of the PMSE Division, on Monday, August 17, 2009 during the 238th National Meeting of the American Chemical Society in Washington, D.C. An evening reception will be sponsored by the PMSE Division following the Award Symposium.

Additional details can be found on-line at http://membership.acs.org/P/PMSE/awards/Tess.html

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**2009 Roy W. Tess Awardee**

Christian Decker

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**The 2009 Roy W. Tess Awardee**

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- Solid State Structure/Properties/Mechanical Behavior
- Stabilization
- Blends/Alloys/Composites
- Applications/Markets
- Environmental Compatibility-Recycling/Sustainable Development/Biodegradation

**For Additional POLY Workshop Information**

WWW.POLYACS.NET

or contact

Lesia Linkous
POLY Business Office
540-231-3052
LESIAR@VT.EDU

**Fluoropolymer 2008, “Current Frontiers and Future Trends”**

The workshop on Fluoropolymer 2008 “Current Frontiers and Future Trends” was held on October 19-22, 2008, in Charleston, South Carolina. Dennis W. Smith, Jr. (Clemson University) chaired the event which included 101 participants. A Sponsor’s Award Reception was held in honor of Paul R. Resnick during the meeting. The next Fluoropolymer meeting is scheduled for 2010 in Meze France June 13-16, 2010.
POLY/ACS National Meeting Activity

238th ACS National Meeting, Washington, DC
August 16-20, 2009
Program Meeting Chairs: Kristi Kiick, Jeffrey Linhardt, & Greg Tew
Overall Theme: Chemistry and Global Security: Challenges and Opportunities
- AkzoNobel for Outstanding Graduate Research in Polymer Chemistry
- Biocatalysis in Polymer Science
- Biological and Synthetic Gels: A Unique and Highly Responsive State of Matter
- Federally Funded Polymer Research
- Fluorine-Containing Polymers
- General Papers: New Concepts, Polymer Synthesis, Polymer Characterization
- Herman F. Mark Award in honor of Professor Jean Frechet
- Mark Senior Scholars Award in honor of Professor James Crivello
- Mark Scholar Award in honor of Professor Karen Wooley
- Metal Containing and Metallo-Supramolecular Polymers and Materials
- Nanoscience in Polymer Chemistry
- Polymer Science of Everyday Things
- Polymers in Membrane Technology
- Silicones and Silicone Modified Materials
- Undergraduate Research Poster Session: Polymer Chemistry

239th ACS National Meeting, San Francisco, CA
March 21-25, 2010
Program Meeting Chairs: Kristi Kiick, Jeffrey Linhardt, & Greg Tew
Overall Theme: Chemistry for a Sustainable World
- Engineering the Biology-Materials Interface
- Excellence in Graduate Polymer Research
- General Topics in the Design and Synthesis of Polymers
- General Topics in the Characterization of Polymers
- Nanostructured and Electroactive Polymers
- New Catalysts in Polymer Synthesis
- Nonconventional Functional Block Copolymers
- Paul J. Flory Polymer Educational Award
- Polymer Innovations and the Global Economy: Sustainability Challenges and Commercial Opportunities
- Polymers for Energy Applications
- Recyclable and Renewable Polymers
- Synthetic and Biological Macromolecules for Emerging Nanotechnologies
- Undergraduate Research in Polymer Science

Future ACS Meetings

238th - August 16-20, 2009
Washington, D.C.

239th - March 21-25, 2010
San Francisco, California

240th - August 22-26, 2010
Boston, Massachusetts

241st - March 27-31, 2011
Anaheim, California

242nd - August 28 - September 1, 2011
Denver, Colorado

243rd - March 25-29, 2012
San Diego, California

244th - September 9-13, 2012
Philadelphia, Pennsylvania

245th - April 7-11, 2013
New Orleans, Louisiana

246th - September 8-12, 2013
Indianapolis, Indiana

247th - March 16-20, 2014
Washington, D.C.

248th - August 24-28, 2014
San Francisco, California

249th - March 22-26, 2015
Denver, Colorado

250th - August 16-20, 2015
Boston, Massachusetts

251st - March 13-17, 2016
San Diego, California

252nd - August 21-25, 2016
Philadelphia, Pennsylvania

253rd - April 2-6, 2017
San Francisco, California

254th - September 10-14, 2017
St. Louis, Missouri

ACS National Meeting Polymer Preprints & Abstract Submission

Abstract Submission
Abstracts should be submitted through OASys (http://oasys.acs.org/oasys.htm), the ACS on-line abstract submittal system, available at the ACS meetings page. Upon abstract submission, a record number will be assigned, which must be used to submit a preprint (this ensures that abstract and preprint are linked).

Preprint Submission
An abstract must be submitted prior to submitting a preprint. The Division of Polymer Chemistry, Inc., in cooperation with the ACS Membership and Publications Divisions, now offers on-line preprint submission through OASys. An electronic preprint should be prepared as a word processing document using the POLY Preprint Template available at the Polymer Preprints page (http://uweb.txstate.edu/science/polymerpreprints/instructions.htm). The word processing document file should not be submitted by e-mail or on diskette; it must be submitted through OASys, at which time it will be automatically converted into PDF format and made viewable by the authors. Until the preprint submission close date, the authors may re-transmit as many revised drafts as necessary until the PDF document conforms to the required preprint format. After preprint submission close date, the PDF file will be reviewed on-line by the symposium organizer. Upon approval by the organizer, the preprint file will be forwarded to the preprint editors for final acceptance.

Future ACS Meetings

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Boston, Massachusetts

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242nd - August 28 - September 1, 2011
Denver, Colorado

243rd - March 25-29, 2012
San Diego, California

244th - September 9-13, 2012
Philadelphia, Pennsylvania

245th - April 7-11, 2013
New Orleans, Louisiana

246th - September 8-12, 2013
Indianapolis, Indiana

247th - March 16-20, 2014
Washington, D.C.

248th - August 24-28, 2014
San Francisco, California

249th - March 22-26, 2015
Denver, Colorado

250th - August 16-20, 2015
Boston, Massachusetts

251st - March 13-17, 2016
San Diego, California

252nd - August 21-25, 2016
Philadelphia, Pennsylvania

253rd - April 2-6, 2017
San Francisco, California

254th - September 10-14, 2017
St. Louis, Missouri

ACS National Meeting Polymer Preprints & Abstract Submission

Important Message to Contributors!

Abstract Submission
Abstracts should be submitted through OASys (http://oasys.acs.org/oasys.htm), the ACS on-line abstract submittal system, available at the ACS meetings page. Upon abstract submission, a record number will be assigned, which must be used to submit a preprint (this ensures that abstract and preprint are linked).

Preprint Submission
An abstract must be submitted prior to submitting a preprint. The Division of Polymer Chemistry, Inc., in cooperation with the ACS Membership and Publications Divisions, now offers on-line preprint submission through OASys. An electronic preprint should be prepared as a word processing document using the POLY Preprint Template available at the Polymer Preprints page (http://uweb.txstate.edu/science/polymerpreprints/instructions.htm). The word processing document file should not be submitted by e-mail or on diskette; it must be submitted through OASys, at which time it will be automatically converted into PDF format and made viewable by the authors. Until the preprint submission close date, the authors may re-transmit as many revised drafts as necessary until the PDF document conforms to the required preprint format. After preprint submission close date, the PDF file will be reviewed on-line by the symposium organizer. Upon approval by the organizer, the preprint file will be forwarded to the preprint editors for final acceptance.
Clemson University POLY Chapter

Message from the President (Rajneesh Verma): I am proud to preside as the new president of the Clemson University POLY Chapter at Clemson University, South Carolina. The aim of the POLY Chapter is to promote the use of polymers in research and technology. Clemson University would like to hear from its students as their input at this early stage will surely have a significant impact on the Chapter’s path in the future.

Message from the Editor (Sriram Yagneswaran): A newsletter was created and circulated from the Clemson University POLY Chapter. The idea of the newsletter is to provide a quick snapshot of some interesting developments and news at the Clemson University POLY Chapter. An important component of our mandate is to build upon a solid base of members and ideas for a sustainable future. The key will be the recruitment. Our goal is to inform friends and college colleagues of our efforts through the newsletter.

The newsletter in particular gives a perspective of membership benefits, affiliated student chapters so far, and the executive activities.

Achievements: The Clemson University POLY Chapter was a successful part of the yearly, “The Tiger Chemistry Road Show”. The major focus was on primary school age students (K-6) to emphasize the importance of polymers in day to day life and to show students that science, especially chemistry, can be fun and interesting.

We are in conversation with some industries which supply lab instrument and are ready to give discounts on a purchase if the individual is a member of the Clemson University POLY Chapter.

Collaboration: The Clemson University POLY Chapter collaborated with another newly established student chapter at Clemson, the Clemson University Rubber Division (CURD) student chapter of the ACS. The Chapter is also in talks with other groups on-campus, including the Center for Optical Material Science and Engineering Technologies (COMSET), Center for Advanced Engineering Fibers and Films (CAEFF), and have started work in collaboration with the actively running student chapters in the school such as Optical Student Association (OSA) and Material Science Research Society (MRS).

Future Events: Future events are planned to build up a strong collaboration with other student groups on-campus and we plan to have tailgating for the 2009 football season (GO TIGERS!!!), as well as travelling to different Conferences.

University of Michigan POLY Chapter

The focus of the past academic year has been to broaden the appeal of the University of Michigan POLY Chapter through talks from both research, academia, and industry. The industrial talks were centered on start-up businesses that were spun off from the university via the tech transfer office, while the academic talks focused on different research avenues. These talks were given by Professors Richard M. Laine, David C. Martin, and Joerg Lahann.

More recently we have sought academic speakers including those from outside, for example Professor Colleen Pugh from the University of Akron. The attendance at the meetings has grown steadily from 10s of people to over 40 in the most recent talks.

University of Michigan POLY Chapter Officers:

Ed Palermo, President
Doug Mullen, Vice President
Sarah Spanninga, Secretary
Charles Shaw, Treasurer
Laura Povlich, Social Chair

Dr. Dennis Smith, Jr. (POLY Chair) and Rajneesh Verma (Clemson University POLY Chapter President) at the ACS National Meeting in Salt Lake City

Clemson University POLY Chapter Executive Committee:

Rajneesh Verma, President
Jiyong Park, Vice President
Sriram Yagneswaran, Secretary
Kenneth Tackett, Treasurer
Dakarai Brown, Counselor
Wenjin Deng, Counselor
Alfredo Piccado, Counselor
Babloo Sharma, Counselor
Dr. Neetu Tomar, Counselor

Prof. Joerg Lahann, University of Michigan presents “Seventh Sense Biosystems: Pursuing Commercialization Ideas in a Challenging Climate”
The PAT2009 Symposium will provide a unique opportunity for researchers and experts from all around the world working in the field of polymer sciences to exchange information and to discuss future perspectives of the cutting-edge academic research in polymers and the latest advances in industrial polymer-related technologies. This symposium will allow us to strengthen the PAT society network by both promoting the existing relationships and establishing new connections.

PPC11 will be a major international gathering of polymer scientists and engineers. All aspects of our profession will be covered in a comprehensive program, including modern polymerization methodologies, living free radical polymerization, complex polymer architectures, functional polymers, nano-composites, traditional composites, electro- and optico-active polymers, polymers in biology and medicine, naturally-derived polymers, polymers at interfaces and surfaces, polymer engineering, polymer rheology, polymer processing, mechanical properties and polymer characterization. We encourage you to submit abstracts for both poster and oral presentations.
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for all your POLY Membership Questions!

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E-mail Discussion List

POLY - The Discussion List is available to all
POLY Division members who have active internet
electronic mail addresses. This list is created for
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To SIGN-OFF, CHANGE ADDRESS, or JOIN THE LIST
1) Go to the POLY www site:
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2) Click on:
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Additional information about the list can be found
at the web site.

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15