



polymer



American Chemical Society

Division of Polymer Chemistry, Inc.

Editors: Janelle Hampton and Neta L. Byerly

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Chair's Message

James A. Moore
2007 Chair

Spring greetings to all!

I attended the National Meeting of the American Chemical Society in Chicago in March and I was gratified to see how enthusiastically our POLY programs and initiatives were received. For just one example, I urge you to view Kathleen Havelka's acclaimed symposium "Entrepreneurship in Polymers for the 21st Century" which is available on-line at the Polymer Division web site (www.polyacs.org). Also described on the site are this year's upcoming POLY workshops (at this writing the, "Advances in Materials for Proton Exchange Membrane Fuel Cell Systems" workshop was a great success in February), including, "Polymers in Medicine and Biology", "Advances in Polyolefins", "Opportunities for Nanostructured Polymeric Materials for Device Fabrication", and "Organic/Inorganic Hybrid Materials II". These events are excellent opportunities to immerse yourself in information about the cutting edge of focused research areas. The Division is also sponsoring or cosponsoring the "National Graduate Polymer Research Conference" at the University of Tennessee in Knoxville; "Macromolecules for a Safe, Sustainable and Healthy World" at Polytechnic University (joint with IUPAC and PMSE); "Polymers for Advanced Technologies", Shanghai

Jiao Tong University (joint with PMSE, European Polymer Federation, Society of Polymer Science Japan, and the Polymer Division of the Chinese Chemical Society, among others.); and the "Pacific Polymer Conference", Kobe, Japan. This year we will also be presenting exciting programs at the Boston National ACS meeting. These activities are all part of the Division's efforts to serve our members and aid them in their professional lives. As you should perceive, we are making efforts to reach out within our discipline nationally and internationally. We are continuing to pursue collaborative interactions with the PMSE and Rubber Divisions and others that focus on polymers and biopolymers as essential components of their programs. All of these efforts require the selfless activity of many volunteers. These generous people are essential to the past (and future) successes of your Division and we always welcome new participants with open arms. The members who are already involved can always use the assistance of new contributors. I urge you to come to meetings and get involved with one of the committees listed on the Division web site. Another web site that should be of interest to the community of polymer scientists is that of POLYED (www.polyed.org), the national information center for polymer education, a joint effort of the POLY and PMSE Divisions. Recently the ACS Committee on Professional Training (CPT) has proposed changes to their recommendations on the undergraduate Chemistry curriculum. The members of POLYED are concerned about the impact some of the changes may have on polymer education in the United States. If you go to the POLYED web site you can follow the links there to read the recommendations and the concerns about them. I urge you to inform yourself about these proposed changes and take action to let your feelings be known to the members of CPT and the ACS CEO, Executive Director, Board of Directors, and Council. The only way to insure that your voice is heard is to get involved!

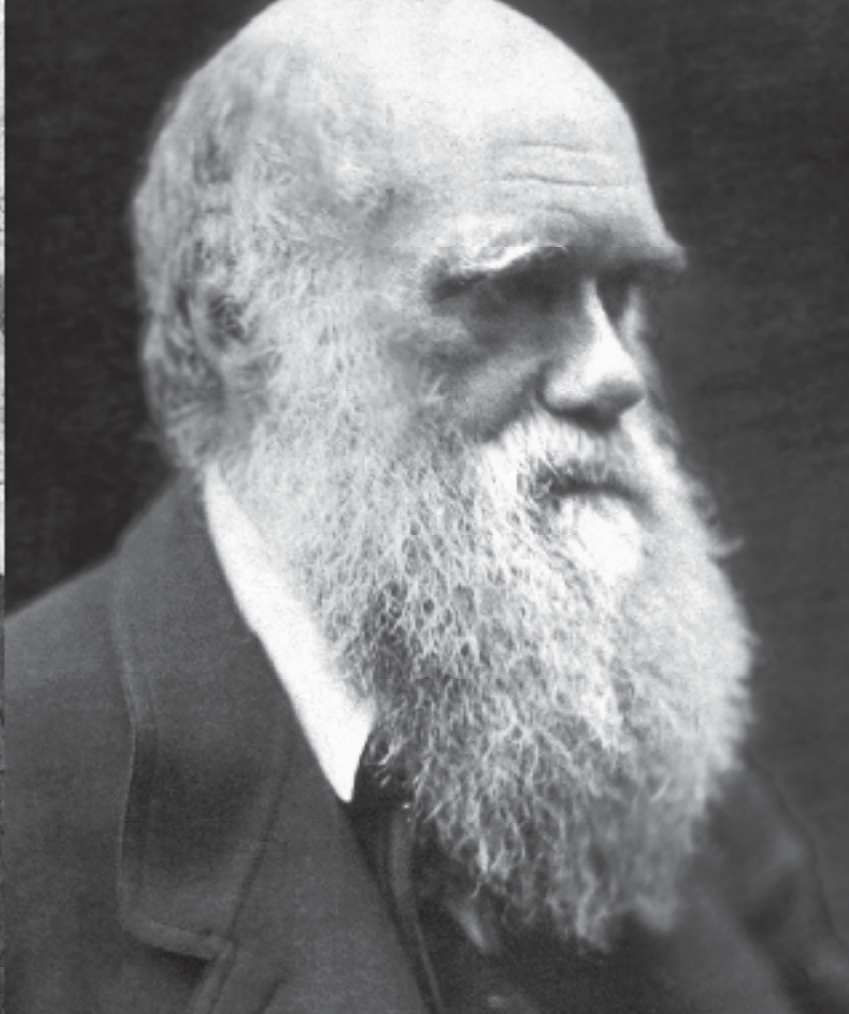
In Memoriam of the Victims at Virginia Tech

Sadness has blanketed the entire nation as our heartfelt condolences go out to the Virginia Tech community. The Polymer Division Business Office, which is located at Virginia Tech, received an overwhelming number of messages from friends and colleagues. We all mourn the loss of so many innocent lives, so many promising futures of our young students and loss of good professors who were expanding those young minds.



We will continue to invent the future through our blood and tears and through all our sadness ... We will prevail ... We are the Hokies ...

-- Nikki Giovanni, Virginia Tech Distinguished Professor, poet, activist



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POLY Recognizes Outstanding Members!

The POLY/PMSE awards reception at the ACS National Meeting in Chicago, IL, honored outstanding achievements by its members. 2007 POLY Chair, Jim Moore, had the pleasure of congratulating this year's POLY award winners.

The Industrial Advisory Board Co-Chair, Robert S. Moore, recognized Graduate Student Travel Award Winners M. Brett Runge, University of Iowa and Sharlene Williams, Virginia Tech. Both presented their papers at the Spring 2007 ACS Meeting. Additional information on future Travel Awards can be found on the POLY web site.

The Polymer Division honored the recipient of the 2007 Carl S. Marvel Creative Polymer Chemistry award, Dr. Anne Mayes, at the Spring ACS Meeting in Chicago. Mayes' research seeks to harness general molecular assembly principles perfected by nature to create new nanostructured polymeric materials for technological use. Her research program blends theoretical and experimental elements, concentrating on key materials challenges in the areas of energy and water resources, nanotechnology and medicine. She is both a highly creative theorist and an ingenious experimentalist. Her research has addressed a diverse array of topics, including the development of electrolytes for lithium rechargeable batteries, cell-signaling biomaterials, fouling-resistant membranes for water purification, block copolymer films for nanolithography, weak polyelectrolyte multilayer assemblies, and a new class of pressure-processed plastics. In each of these areas she has made important breakthroughs. The Carl S. Marvel Award is sponsored by the 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.

The Polymer Division recognized the following ACS Award Recipients: Harry R. Allcock of Pennsylvania State University (ACS Award in Applied Polymer Science); Robert S. Langer of Massachusetts Institute of Technology (ACS Award in Chemistry of Materials); Ludwick Leibler of Ecole Supérieure de Physique et de Chimie Industrielles, France (ACS Award in Polymer Chemistry).

Kathleen Havelka was recognized with a plaque at the awards reception for her outstanding service as 2006 ACS Division of Polymer Chemistry Chair.

As always in the Spring, the membership committee recognized all members celebrating their 5, 10, 20 and 30 yr anniversaries of membership. The evening successfully celebrated the individuals who are the present and future of Polymer Chemistry- congratulations again to all!



(left to right) K. O. Havelka and J. A. Moore



(left to right) L. Leibler and J. A. Moore



(left to right) Bottom Row - H. N. Cheng, W. Ford, R. B. Moore, E. Martin, K. Havelka, J. Hampton, J. Pochan, C. Landry-Coltrain,
Top Row - G. Tew, R. Venumbaka, D. W. Smith, E. Amis

POLY Award Information

Carl S. Marvel Creative Polymer Chemistry Award

Sponsored by:

Rohm and Haas Company

Purpose: To recognize and encourage accomplishments and/or innovation of unusual merit in the field of basic or applied polymer science by younger scientists.

Herman F. Mark Polymer Chemistry Award

Purpose: To recognize outstanding research and leadership in polymer science.

Herman F. Mark Scholars Award

Purpose: To recognize excellence in basic or applied research and leadership in polymer science.

Upcoming Deadline - 11/1/07

Industrial Polymer Scientist Award

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

Upcoming Deadline - 7/1/07

Paul J. Flory Polymer Education Award

Sponsored by:

Rohm and Haas Company

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



Nomination Instructions:

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

<http://www.polyacs.org/>

or contact:

Robert B. Moore
The University of Southern
Mississippi
601-266-4480
rbmoore@usm.edu
and

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

Undergraduate Research in Polymer Science Symposium

The second annual Undergraduate Research in Polymer Science Symposium was held at the Chicago National Meeting. There were ten oral presentations and fifteen posters from students from eighteen universities across the country. We would like to thank our industrial sponsors, Noetic Technologies, Inc. and Sun Chemical for sponsoring the student awards. Additionally, the University of Southern Mississippi School of Polymers and High Performance Polymers sponsored a pizza lunch for all participants and their advisors. The awards were presented at a joint reception with the Excellence in Graduate Research Symposium on Monday evening. The two symposia were recognized as Presidential Events. The Undergraduate Symposium was organized by Sarah Morgan and Sergei Nazarenko of the University of Southern Mississippi.

Oral Presentations

1st place: Anne Blackwell, St. Louis University
2nd place: Seneta Bancroft, University of Akron
3rd place: Anna Paula Soliani, Clarkson University

Poster Presentations

1st place: Frank Leibfarth, University of South Dakota
2nd place: Christina Baraty, University of South Carolina
3rd place: Nick Hendricks, Wright State University



Award Winners and Symposia Chairs. Left to right: Sergei Nazarenko, co-chair, Sarah Morgan, co-chair, University of Southern Mississippi; Anna Paula Soliani, Clarkson University, Seneta Bancroft, University of Akron, Anne Blackwell, St. Louis University, Nick Hendricks, Wright State University, Frank Leibfarth, University of South Dakota.

POLY E-Mail List

As a POLY member you are invited to join the POLY electronic discussion list. There are many reasons to join the list and take part in the discussions on it. Your colleagues are willing to help you get the information you need.

Some Examples:

- Restricted to POLY members.
(messages are colleague to colleague)
- News from the Division on Elections
Meeting Announcements
Calls for Papers
National Meeting Events
Webcast Announcements
- Awards
- Employment Opportunities
- Scientific/Engineering Advice
- Assistance in Finding Resources
- Easy Signup/Signoff via POLY web site

To sign up, change addresses or sign off:

- 1) visit <http://www.polyacs.org>
 - 2) Go to Member Benefits (on left)
 - 3) Then choose POLY Discussion List
- More information on the web site.

Congratulations Awardees!

2007 Herman F. Mark Polymer Chemistry Award

Robert Langer
Massachusetts Institute of Technology

Herman F. Mark Young Scholar Award

Gregory Tew
University of Massachusetts

Herman F. Mark Scholar Award

Craig Hawker
University of California

Herman F. Mark Senior Scholar Award

Krzysztof Matyjaszewski
Carnegie Mellon University

*Awards Sponsored by
Elsevier Publishers*

Excellence in Graduate Polymer Research Symposium

The 3rd Excellence in Graduate Polymer Research Symposium was held on Sunday evening March 25th (poster session) and Monday March 26th (oral sessions). The session organizers and chairs were H.N. Cheng (Hercules), Erica H. Martin (Rohm and Haas), and Christopher J. Ellison (Univ of Minnesota). Academic institutions practicing research in polymers nominated their top polymer graduate student in a specific department(s). From the pool of outstanding applicants, 14 were selected by the symposium selection committee to give an oral presentation in the Monday sessions. The level of excellence in the poster presenters and oral speakers was top notch. This symposium is aimed at recognizing the future leaders in the area of polymer chemistry, promote networking among the graduate students, and create visibility for these outstanding students seeking employment in the near future.

Once again, this symposium was coupled with the Undergraduate Research in Polymer Science symposium, which was held on Sunday March 25th. Posters from both symposia were presented on Sunday evening. The session organizers and chairs were Sarah Morgan and Sergei Nazarenko (University of Southern Mississippi). A networking reception was held immediately following the Monday session where both graduate and undergraduate students were able to mingle with their future colleagues. The undergraduates received their awards for best poster and oral presentations at the reception.

The student work presented in Chicago was outstanding! Congratulations again to all of the undergraduate and graduate students – these are highly regarded symposia and you should be proud!

The next Undergraduate Research in Polymer Science and Excellence in Graduate Polymer Research Symposia will be held in New Orleans in Spring 2008.



Oral Presentations

Shishir Prasad, University of Akron
Ke Min, Carnegie Mellon University
Shihu Wang, Case Western Reserve
Nripen Singh, Clemson University
Matthew Helgesen, University of Delaware
Le Zhang, University of Delaware
Jason Clapper, University of Iowa
Kyung-Ho Roh, University of Michigan
Junki Kim, Northwestern University
Justin Martin, SUNY Binghamton
Lisa Kemp, University of Southern Mississippi
Abhishek Roy, Virginia Tech
Brooke Van Horn, University of Washington St Louis
Erin McElroy, University of Wisconsin

Poster Presentations

Maxim Orlov, Clarkson University
Vaibhav Khire, University of Colorado
Yanhui Chen, University of Connecticut
Robert Brookins, University of Florida
Robert Lambeth, University of Illinois
Brett Runge, University of Iowa
Pascale R. Leroueil, University of Michigan
Kangwon Lee, University of Michigan
Manish Mundra, Northwestern University
Ying Zhang, University of Pennsylvania
John Howarter, Purdue University
Jinzhong Wang, Rutgers University
Xiangyang Wu, University of South Carolina
Ruizhi Wu, University of South Florida
Patrick Hamilton, Texas A&M University
David Rankin, University of Southern Mississippi
Alejandro Briseno, University of Washington (Seattle)



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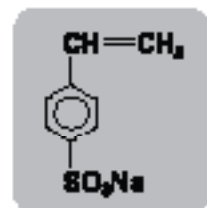
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F. J. Williams Receives Award

Frank J. Williams of GE Global Research is the recipient of the 2007 ACS Earle B. Barnes Award for Leadership in Chemical Research Management sponsored by the Dow Chemical Company. Williams spoke of "Leadership in a Changing World" at a breakfast in his honor sponsored by the Polymer Division's Industrial Advisory Board and GE Global Research, March 27, 2007.

The Barnes Award recognizes outstanding achievements in chemical research management. This Award consists of \$5,000, travel expense reimbursement, and a certificate.

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

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POLY Councilors' Report

Reported by Bill Daly, H. N. Cheng,
John Pochan, and Greg Tew

1. Highlights of Council Actions

Some selected items of interest to POLY members are listed below. Additional information has been reported in *Chem. & Eng. News*, April 2, 2007, Volume 85, Number 14, p. 10.

- The two candidates for ACS President-Elect in 2008 are Howard Peters and Tom Lane.
- ACS closed 2006 with 160,491 members, the highest year-end membership since 2002.
- The Council voted to accept the petition on multiyear dues. Thus, a member can pay 2 or 3 years of dues at one time if they wish. Some logistics need to be worked out before this mode of payment becomes effective.
- The Council voted to set the member dues for 2008 at \$136. The dues will actually remain unchanged in 2008 because the \$4 increase was balanced by the expiration of a \$4 surcharge imposed in 2003 to cover the costs of the higher division allotments.
- The Membership Affairs Committee (MAC) proposes a new categorization of ACS membership. They propose three types only: regular member, student member, and society affiliate. This proposal will be voted on in the Boston meeting.

2. Division Activities Committee (DAC) - John Pochan

- DAC Innovation Award. We can apply for this award for appropriate meetings, websites, and new activities. The deadline will be 7/1/07.
- National Programming Committee/Thematic programming meeting. Since the ACS is promoting thematic programming, this committee helps formulate ideas and coordinate activities. A meeting was held in Chicago with two objectives; i) Determine what the new committee should be and how it would operate and ii) Determine some possible themes for the Philadelphia meeting. There were many ideas provided for item (i); however, no definitive decisions were made for the organization of the committee. It was decided to have a meeting in Boston with all Division representatives to discuss probable structures and operational guidelines and formalize a working 'test' structure.
- Posters on-line. All Chicago poster presenters are being asked to upload their posters so that all attendees at the meeting will be able to log on to www.posters2view.com/chem and observe them for the next three months. Note: You will need the number off your meeting registration badge in order to log in. Do not throw the badge away, or keep a record of the number.
- DAC and M&E are looking for people to organize all or parts of the "Energy and the Environment" theme at New Orleans. Anyone interested, please let John know.

3. Committee on Committees (ConC) - H.N. Cheng

- ConC monitors the activities of committees and provides recommendations on committee assignments.
- ConC is interested in increasing the participation of industrial scientists in ACS governance. If you know of industrial colleagues who are interested in getting involved, please send H.N. an email (HCheng@Herc.com), indicating names, areas of interest, and contact information (phone numbers and email addresses).

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

- As many as 20% of poster sessions at national meetings are no-shows. M&E will be taking names of these no-shows and forward them to the Divisions. The POLY Executive Committee agreed to send each first-time offender a warning letter, and then exclude future poster submissions for repeat offenders.
- The ACS is seriously considering the possibility of removing no-show papers from the CAS database.
- Joint ACS/AIChE programming is being planned for the New Orleans meeting (April 6-10, 2008). We can take advantage of this joint meeting to organize symposia or other events that are of interest to polymer engineers. Registration at either meeting will allow registrants to attend all the sessions at either meeting. One joint "showcase" session with plenary level speakers is being planned.
- A project entitled "Greening ACS meetings" is underway. Participants will be encouraged to maintain an attitude of sustainability both in the planning and execution of meeting events.
- The site selection subcommittee has added St. Louis to the list of cities suitable for one of our meetings. The Council voted to hold our Fall 2017 meeting in St. Louis.

5. Committee on Nomenclature, Terminology and Symbols (NOM) - H.N. Cheng

- This committee provides advice and consulting to ACS publications on nomenclature, serves as liaisons to other organizations related to nomenclature, and coordinates activities of divisions dealing with these issues.
- POLY has a nomenclature committee, which is currently inactive. If anyone is interested in nomenclature, please let H.N. know (HCheng@Herc.com).

Resource and Student Page

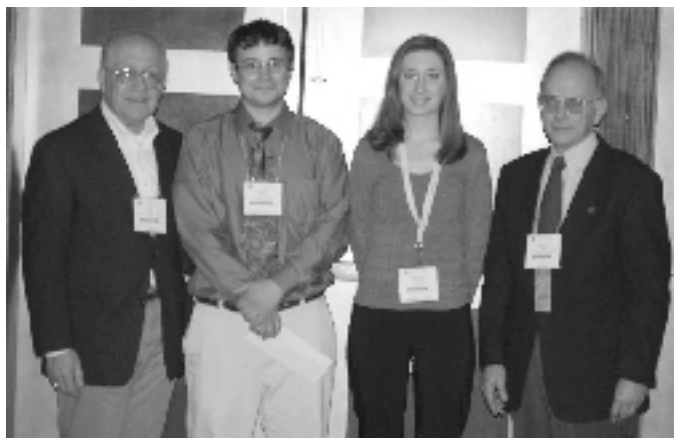
New POLY Student Chapters!

POLY is proud to announce the formation of its first Polymer Division Student Chapters! Kick-off chapters are being formed at the University of Michigan, Clemson University, and the University of Southern Mississippi. These student chapters are setup under bylaws written by the students and tailored for each institution's interests, with the main focus being around a close relationship with local and national Polymer Division members. Each chapter will outline goals that they wish to achieve throughout the year (socials, employment fairs/seminars, organizing symposia, etc) and the Polymer Division will aid the groups in achieving them. The faculty advisor is an important fixture for each student chapter, and an active member of the Polymer Division: Prof. Rick Laine (Michigan), Prof. Dennis Smith (Clemson), and Prof. Sarah Morgan (Univ of Southern Mississippi). We are very excited to get these first few chapters up and running and look forward to many more to come in very near future! In fact, the student chapters will write this news brief in the next newsletter, so stay tuned!

POLY Student Travel Awards

The ACS Division of Polymer Chemistry's Membership Committee is sponsoring a program 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. Two \$500 grants may be applied for registration, travel, and accommodations, and are restricted to the ACS National Meeting. These awards are limited to one per institution. The deadline for applications are the spring or fall prior to the ACS Meeting. For specific deadlines, award criteria, and additional information on upcoming awards visit: <http://www.polyacs.org/membership/travelinst.shtml>.

Congratulations to the 2007 Spring Travel Award Recipients



The awardees were recognized at the recent ACS National Meeting in Chicago, IL.

Pictured left to right are James. A. Moore (POLY Chair),
M. Brett Runge (Awardee), Sharlene Williams (Awardee),
and Robert S. Moore (POLY Industrial Advisory Board Chair)

Sharlene Williams, Virginia Tech
Presentation: *Michael Addition of Acetoacetate
Functionalized Oligomers: From Biomedical
Applications to Novel Elastomers*

M. Brett Runge, University of Iowa
Presentation: *Synthesis, Characterization,
and Self-Assembly of Large Comb Block
Copolymers*

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**Membership Information
Job web site
Travel Award Deadlines
Student Research
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And More

Check Out the POLY Jobs Site

Did you know about the Jobs section on the division web site? It's one of the many benefits solely for members of the Division. Whether you're in search of a job or in search of potential employees- this is the place to go. The popularity of the site is increasing. **Since January, the jobs site has had over 20,000 "hits"!** The site is divided into industrial, academic and postdoctoral opportunities and even has a section for summer internships, so there's a place for everyone. Job seekers can look through the postings or be more active and post their resume on the website. The resumes currently on this site have seen almost 1500 hits in the past year! Visit the site today at <http://www.polyacs.org/students/JobsHome.shtml>.

IN MEMORIAM



Alan G. MacDiarmid

Alan G. MacDiarmid, 79, one of three scientists who shared the 2000 Nobel Prize in chemistry for the discovery of polymers that conducted electricity, died Wednesday, February 7, 2007 of injuries following a fall at his Drexel Hill home. He had been rushing to catch a plane to fly to his native New Zealand.

Characteristically, he was active in research to the end.

Alan was Blanchard Professor of Chemistry at the University of Pennsylvania since 1955. He shared the 2000 Nobel Prize "for the discovery and development of conductive polymers" with Alan J. Heeger, now at the University of California at Santa Barbara, and Professor Hideki Shirakawa, now retired from the University of Tsukuba in Japan. The discovery reflected Alan's inquisitive mind, enthusiasm for exploring new research avenues, and congenial personality that facilitated working on projects that required interdisciplinary efforts.

Alan had first seen films of polyacetylene during a visit to Professor Shirakawa's laboratory in Japan in 1975. He invited Professor Shirakawa to visit Penn so as to learn more about the films that had a remarkable metallic appearance. Within a year, a jointly authored paper appeared that reported a 10,000,000 times increase in conductivity of polyacetylene by partial oxidation with iodine. This paper and subsequent work on conducting polymers was the basis for the Nobel Prize. Among many other awards, Alan received the ACS Award in the Chemistry of Materials in 1999 and the 2002 ACS Nichols Medal Award.

Alan was born in Masterton, New Zealand. In reminiscing, he noted that he had not worn a pair of shoes until he was about 9 years old. He earned bachelor's and master's degrees from the University of New Zealand and doctorates from the University of Wisconsin and the University of Cambridge in England. Alan authored or co-authored 600 research papers and held more than 30 patents. His work in conducting polymers was in some ways a "second career". He was previously active in organosilicon chemistry and won the ACS Frederic Stanley Kipping Award in Silicon Chemistry in 1971.

Alan had a larger than life life. He was not only a chaired professor at Penn, but was James Von Ehr Chair of Science and Technology, Professor of Chemistry and Physics, at the University of Texas at Dallas. He held a professorship at Jilin University in Changchun, China.

Alan was very active in contributing papers at ACS national meetings. The POLY symposium "Conducting Polymers: 20 Years in the Making" at the Dallas meeting in March 1998 and the special symposium "Nobel Laureates in Polymer Chemistry" at the Chicago meeting in August 2001 paid tribute to his contributions....and of course Alan delivered stimulating keynote lectures. The opening session of "30 Years of Conducting Polymers" at the Chicago meeting in March paid tribute in memoriam to his contributions.

Many will remember Alan for his warm personality and his exceptional enthusiasm forwell, everything....but especially for research.....and for life. He is survived by his wife Gayl who has many friends in the Division from Alan's long association with POLY.

Written by: Kenneth J. Wynne

POLY-25 Years Ago, 1982

Compiled by W. Val Metanomski

For 1982 FOUR milestones stand out:

- Polymer Education Award (later designated as Paul J. Flory Education Award) was instituted (Herman F. Mark, first recipient).
- First "Polymer Science and Engineering Lecture Series" instituted.
- Faculty Visitation Program initiated by the Education Committee.
- ACS Outstanding Large Division Award won (for the 1st time).

In 1982 POLY was guided by a formidable team of prominent polymer science researchers and educators:

Chair:	Joseph C. Salamone
Chair-Elect:	Norbert M. Bikales
Vice-Chair:	L. Guy Donaruma
Secretary:	Shalaby W. Shalaby
Treasurer:	Stanley C. Israel
Member-at-Large:	Richard M. Ikeda
Councilors:	Frederick E. Bailey William E. Gibbs Jesse C. H. Hwa Eli M. Pearce
Alternate Councilors:	Catherine S. H. Chen William H. Daly James Economy Richard D. Gilbert

Most of them would easily be recognized by younger generations.

POLY presented 285 and 123 papers at the Spring 1982 183rd and the Fall 1982 184th ACS National Meetings in Las Vegas and Kansas City, respectively. One of the topics was "Conducting Polymers", a theme which just reoccurred at the Spring 2007 ACS National Meeting (with a tribute to Alan G. MacDiarmid).

In November 1982, the 11th Biennial Symposium was held in Dorado Beach, Puerto Rico. The topic was "High Performance Polymers", especially appropriate as the meeting was held in honor of Professor Herman F. Mark, widely regarded as "Father of Polymer Science", who received the Division of Polymer Chemistry Award. Earlier at the ACS National Meeting in Kansas City in September, Prof. Mark received the first POLY Education Award.

In 1982, the IUPAC Commission on Macromolecular Nomenclature (Norbert M. Bikales, Secretary) held a joint meeting with the POLY Nomenclature Committee (Hans-G. Elias, Chair) at Amherst, MA. Other POLY members present were Bob Fox, Guy Donaruma, Kurt Loening, Ray Ottenbrite, and Bernhard Wunderlich.

Guy Donaruma was the principal author of just published provisional IUPAC recommendations on "Nomenclature for Regular Single-Strand and Quasi Single-Strand Inorganic and Coordination Polymers."

Another highlight of 1982 was the appointment of the prominent POLY member, Otto Vogl, to the Herman Mark Chair at Polytechnic Institute of New York, the first endowed chair in Polymer Science.

Finally for 1982, POLY won the ACS Award as one of the outstanding large divisions. The Award was presented at the 187th ACS National Meeting in St. Louis in Spring of 1984 to the 1982 POLY officers. 1982 was considered as a fruitful year for the Division in terms of continued membership growth, outstanding programming, continued strength of educational activities, continued strong performance of Topical Workshops, and continued pioneering development of free tutorial courses given at the ACS Meetings.



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- Aggregation
- Branching
- Copolymer Composition

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Upcoming Polymer Division

IUMACRO 2007

Macromolecules for
Safe, Sustainable and Healthy World



June 10-13, 2007
Polytechnic University
Brooklyn, New York
USA

Conference Chairs:

Kalle Levon, Christopher Ober

Co-chairs:

Anthony Guiseppi-Elie, Richard Gross,
Hiroyuki Nishide, Dennis Smith

Key Program Topics:

Health and Global Security
Sustainable Energy and Environment
Industrial Design, Manufacturing, and Applications

Additional Information:

<http://people.ccmr.cornell.edu/~cober/IUMACRO/index.html>

I U P A C Advancing Worldwide Chemistry

Polymers in Medicine and Biology: 2007

June 17-20, 2007

Hilton Sonoma Wine Country
Santa Rosa, California
USA

Organizers:

This is the 5th of a series of International Workshops in this field. The program will include plenary lectures, tutorial lectures, invited talks, contributed talks and posters. Inquiries regarding submission of papers should be directed to the organizers at the addresses listed.



Buddy D. Ratner
University of Washington
Engineered Biomaterials
Box 351720, Seattle, WA 98195
Phone: 206-685-1005
Fax: 206-616-9763
Ratner@uweb.engr.washington.edu

Kathryn E. Uhrich
Rutgers University
Department of Chemistry
610 Taylor Rd.
Piscataway, NY 08855-0939
Phone: 732-445-0361
Fax: 732-445-7036
keuhrich@rutgers.edu

Judy S. Riffle
Virginia Tech
Department of Chemistry
Blacksburg, VA 24061-0344
Phone: 540-231-8214
Fax: 540-231-8517
JudyRiffle@aol.com

Advances in Polyolefins: 2007

September 23-26, 2007

Hilton Sonoma Wine Country
Santa Rosa, California
USA



Workshop Organizers:

Pal Arjunan

New Business Development
CMR Inc., Innovante Corporation
560 Blossom St., Suite C
Houston/Webster, TX 77598
Phone: 281-557-3320 Ex: 310
Fax: 281-557-3310
E-mail: parjunan@cmrhoutex.com

James E. McGrath

Materials Research Institute and
Department of Chemistry
Virginia Tech (0344)
2108 Hahn Hall
Blacksburg, VA 24061 USA
Phone: 540-231-5976
Fax: 540-231-8517
E-mail: jmcgrath@vt.edu

Session Topics:

- Polyolefins Catalysis/Processes
- Advanced Characterization Tools/Techniques
- Solid State Structure/Properties/Mechanical Behavior
- Stabilization
- Blends/Alloys/Composites
- Applications/Markets
- Environmental Compatibility-Recycling/Sustainable Development/Biodegradation

CURRENT AND FUTURE OPPORTUNITIES IN MICROELECTRONICS

NOVEMBER 4-7, 2007

HARRAH'S LAKE TAHOE
STATELINE, NEVADA, USA

Organizers:

Kenneth R. Carter

Polymer Science & Engineering
416 Conte Building, 120 Governors Drive
University of Massachusetts
Amherst, MA 01003
Phone: 413-577-1416
krccarter@polysci.umass.edu

James L. Hedrick

IBM Research Almaden Research Center
650 Harry Rd.
San Jose, CA 95120
Phone: 408-927-1632
hedrick@almaden.ibm.com

The workshop will provide a forum where scientists will have the opportunity to present their latest results in this important field. Scientists will gather at this conference to discuss the latest breakthroughs in nanostructured polymeric materials for device fabrication. In particular, current and future opportunities for these advanced materials will be highlighted.

Workshops and Meetings

Organic/Inorganic Hybrid Materials II

March 2-5, 2008

Ventura Beach Marriott
Ventura Beach, California, USA

Organizers:

Frank D. Blum
University of Missouri – Rolla
Department of Chemistry
Rolla, MO 65409
Phone: 573-341-4451
fblum@umr.edu

Richard M. Laine
University of Michigan
Macromolecular Science & Engineering
3062C HH Dow Building
3200 Hayward Ave.
Ann Arbor, MI 48109
Phone: 734-764-6203
talsdad@umich.edu

Call for Proposals

Proposals are Solicited for the 2009 Location of the Graduate Student Conference

The Polymer Graduate Research Conference is intended to showcase the research done by polymer graduate students and postdocs and provides the opportunity for them to network with one another and with professional scientists from academe, industry and government. Every student registrant is offered the opportunity to give an oral presentation or a poster. Like previous conferences, the meeting will be focused on the students.

Previous Graduate Student Conference locations:

1994: Penn State
1996: Virginia Tech
1998: The University of Akron
2000: University of Southern Mississippi
2003: Lehigh University
2005: University of Massachusetts-Amherst
2007: University of Tennessee

Proposals must be received at the following address
on or before August 1, 2007.

ACS Division of Polymer Chemistry, Inc.
ATTN: Neta L. Byerly

Virginia Tech, 410 Davidson Hall, Blacksburg, VA 24061
Phone: 540-231-3029 Fax: 540-231-2588 E-mail: nbyerly@vt.edu

Additional Upcoming Meetings

Biennial '08: Innovations in Industrial Polymer Science

Spring 2008
Location: Galveston, TX
Dennis W. Smith, Clemson University
Phone: 864-656-5020 E-mail: dwsmith@clemson.edu
Kathleen O. Havelka, The Lubrizol Corporation
Phone: 440-347-6088 E-mail: koh@lubrizol.com

Joint US/Japan Summit on Polymers

Fall 2008
Location: California
Rigoberto C. Advincula, University of Houston
Phone: 713-743-1760 E-mail: radvincula@uh.edu

Fluoropolymer 2008 "Current Frontiers and Future Trends"

Fall 2008
Location: St. Petersburg Beach, FL
Dennis W. Smith, Clemson University
Phone: 864-656-5020 E-mail: dwsmith@clemson.edu

Advances in Materials for Proton Exchange Membrane Fuel Cell Systems 2009

February 15-18, 2009
Location: Asilomar Conference Grounds, Pacific Grove, CA
James E. McGrath, Virginia Tech
Phone: 540-231-5967 E-mail: jmcgrath@vt.edu
Tom Zawodzinski, Case Western Reserve University
Phone: 216-368-5547 E-mail: taz5@po.cwru.edu

For Additional Meeting Information:

Lesia Linkous
ACS Division of Polymer
Chemistry, Inc.
Virginia Tech
410 Davidson Hall
MC 0279
Blacksburg, VA 24061

Phone: 540-231-3052
Fax: 540-231-2588
E-mail: lesiar@vt.edu
Web: www.polyacs.org

POLY/ACS National Meeting Activity

234th ACS National Meeting, Boston, MA August 19-23, 2007

Program Meeting Chair: Christine Landry-Coltrain

- 40 Years of Macromolecules
- Conjugated Polymer Materials and Hybrids: Synthesis, Macromolecular Assemblies, and Nanostructures
- Herman Mark Award in Honor of Robert Langer
- Herman Mark Scholar Award Symposium
- Imaging Techniques for the Characterization of Polymers and Polymer-Derived Materials
- Metal-Containing and Metallo-Supramolecular Polymers and Materials
- National Starch and Chemical Award for Outstanding Graduate Research in Polymer Science and Engineering
- Polymers Design for Food and Nutrition
- Polymer Science of Everyday Things
- Polymers and Liquid Crystals
- Polymers from Renewable Resources
- Scaffolds and Matrices for Tissue Engineering and Regenerative Medicine Applications
- Synthetic and Biological Macromolecules for Emerging Nanotechnologies
- Special Symposium in Honor of Sir Fraser Stoddart
- General Papers: Functional Materials
- General Papers: Polymers in Nanotechnology

235th ACS National Meeting, New Orleans, LA April 6-10, 2008

Program Meeting Chair: Kathryn Uhrich

- Branched Polymers in Emerging Technologies
- Carl S. Marvel Creative Polymer Chemistry Award
- Efficient Chemical Transformations in Polymer Science: Click Chemistry and Beyond
- Excellence in Graduate Polymer Science Research Symposium (Cosponsored with PRES and YCC)
- Entrepreneurship in Polymers for Energy and the Environment
- Flory Education Award
- Functional Nano-Materials from New Polymer Synthetic Methodologies
- McDiarmid Memorial Symposia
- NMR Spectroscopy of Polymers
- Nonlinear Dynamics in Polymeric Systems
- Polymers and Medical Devices
- Polymers for Remediation and the Environment
- Polymers for Self-healing Materials and Processes
- Progress in Vapor-Born Poly(p-xylylene)s, Preparation, Properties, Application
- Stimuli Responsive Polymers
- Undergraduate Research in Polymer Science
- General Papers

POLY SESSION INFORMATION

<http://www.polyacs.org/main/natlmeet.shtml>

POLYMER PROGRAM CHAIRS

Christine Landry-Coltrain
Eastman Kodak Company
Phone: 585-722-3683
FAX: 585-722-6995
christine.landry-coltrain@kodak.com

Kathryn Uhrich
Rutgers University
Phone: 732-445-0361
FAX: 732-445-7036
keuhrich@rutgers.edu

Future ACS Meetings

234th - Boston, MA
August 19-23, 2007

235th - New Orleans, LA
April 6-10, 2008

236th - Philadelphia, PA
August 17-21, 2008

237th - Salt Lake City, UT
March 22-26, 2009

238th - Washington, DC
August 16-20, 2009

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

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

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

242nd - Chicago, IL
August 28 - September 1, 2011

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

244th - New York, NY
September 9-13, 2012

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

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

247th - Washington, DC *
March 16-20, 2014

248th - San Francisco, CA *
August 24-28, 2014

*Pending ACS Board of
Directors Approval

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>). 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.

POLYED

National Information
Center for Polymer
Education

[http://www.uwsp.edu/
chemistry/polyed/](http://www.uwsp.edu/chemistry/polyed/)

POLY Election Information

Upcoming Election Slate

The slate of candidates has been selected by the nominating committee under Prof. Timothy E. Long, approved by the Executive Committee, and listed below. The biographical information and ballots will be available in the Fall.

Vice-Chair:

Erica H. Martin, Rohm and Hass Co.
Mehmet Demiror, Dow Chemical Co.

Secretary:

Kathryn L. Beers, National Institute of
Standards and Technology
Janelle U. Hampton, Philip Morris, USA

Councilor:

John Pochan, Cornell Univ.
Peter Zarras, NSW, China Lake

Councilor:

Deanna L. Pickel, Eastman Chemical Co.
Theresa M. Reineke, Univ. of Cincinnati

Alternate Councilor:

Diana Gerbi, 3M Co.
Chris Weder, Case Western Univ.

Congratulations to the New 2007 Officers

Vice-Chair:

Dennis W. Smith, Jr.
Clemson Univ.

Member-At-Large:

Erica H. Martin
Rohm and Haas Co.

Councilor:

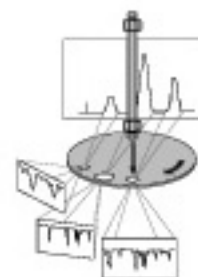
H. N. Cheng
Hercules Inc.

Alternate Councilor:

Kathryn L. Beers
National Institute of Standards
and Technology

Amendment to the Division of
Polymer Chemistry By-laws,
Article V, Section 4 "Electronic
Balloting" was APPROVED by
Division Members. Implementation
is expected in 2008.

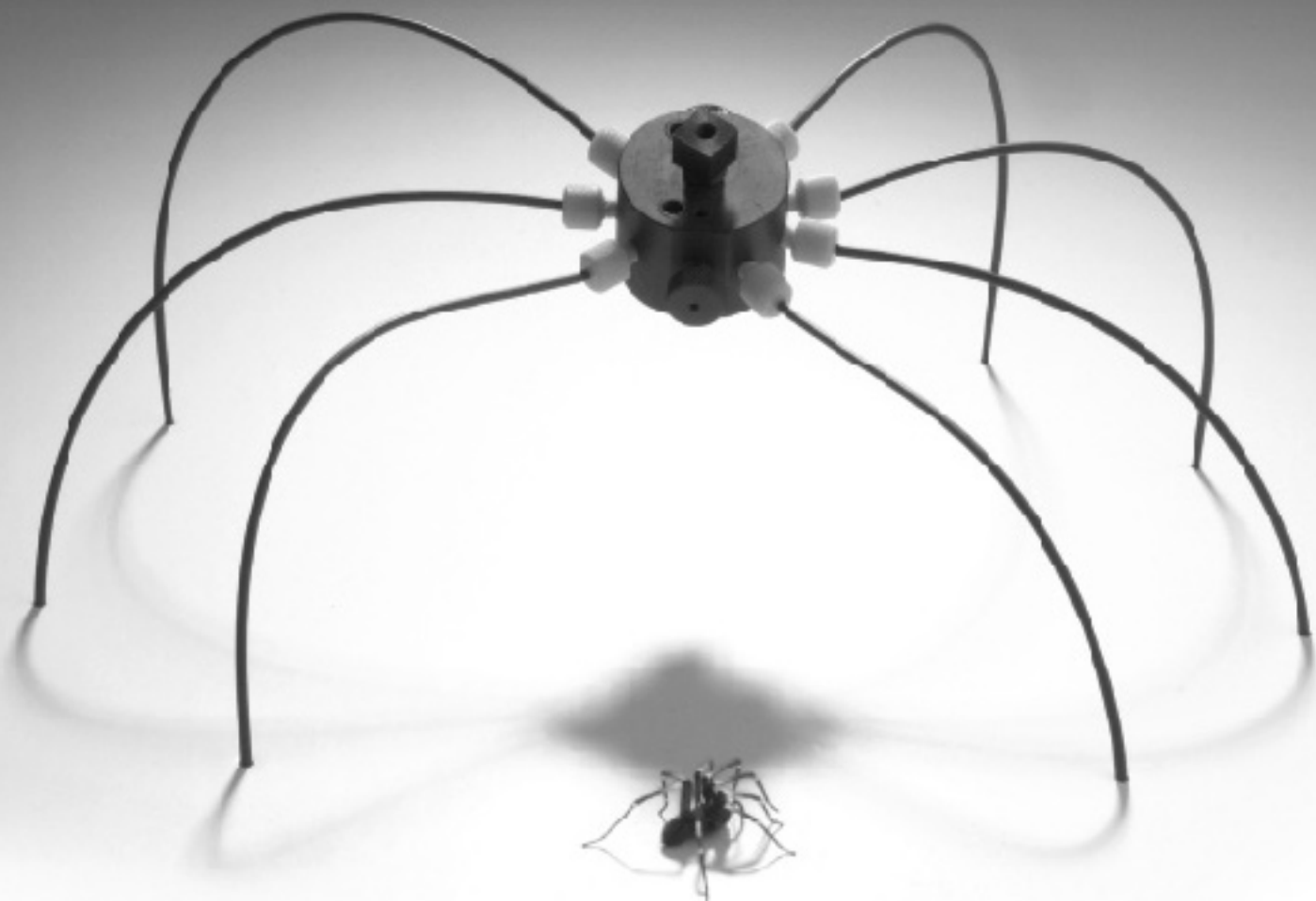
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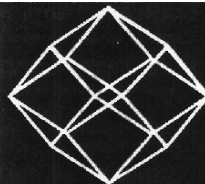
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