

2013 Spring Meeting

2013 Spring NATIONAL ACS MEETING

New Orleans, April 7-11, 2013

Spring national meeting in NO: [presentations on demand, NOLA Videos, technical program archive from ACS](#)

Recorded meeting presentations from New Orleans are available

Program Meeting Chair Primary Contact: **Scott T. Iacono**

Program Meeting Chairs: **Sheng Lin-Gibson, Jeffrey Youngblood**

NEW. A **downloadable pdf** (for your mobile device or computer) compilation of all POLY Graphical Abstracts for the New Orleans meeting is now available to POLY members. Not a POLY member! **Join NOW.**

Call for papers

PACS was open for author abstract submission from August 20, 2012 to October 15, 2012

Polymer Preprints will not be required for oral and poster submissions to this meeting. See details

THE POLY/PMSE PLENARY LECTURE AND AWARDS RECEPTION IS SCHEDULED FOR WEDNESDAY EVENING
Hilton Riverside Hotel

PlenarySpeaker: Larry Wendling - Staff Vice President for 3M's Corporate Research Laboratory
"3M Technologies and Applications Related to Energy Market Opportunities"

Theme: Chemistry for Energy and Food

Program - FINAL

Hilton Riverside Hotel

POSTERS and Poster Awards: Tuesday 4/9 from 6:00-8:00 PM

[Understanding Complex Macromolecular and Supramolecular Systems using Innovative Magnetic Resonance Strategies](#)

J. L. White, L. A. Madsen, K. Saalwachter, H. N. Cheng, A. D. English, H. Kaji, S. Kawahara, H. W. Spiess, A. K. Whittaker

2013 Spring Meeting

Understanding Complex Macromolecular and Supramolecular Systems using Innovative Magnetic Resonance Strategies

**245th American Chemical Society National Meeting
April 7-11, 2013
New Orleans, Louisiana**

Program Theme: Chemistry for Energy and Food

Abstract & Preprint due October 15, 2012

Invitation. Macromolecular and supramolecular systems present unique challenges for structure-function investigations in both the synthetic and biological areas, as such systems can present complex chemical compositions and hierarchical structure distributions, or they may even be completely amorphous. Advances in new macromolecular materials, biomaterials, and composites benefit from methods that can access the range of relevant length and time scales that determine final function and properties. Modern magnetic resonance methods are well suited to these problems, and this symposium will review the latest innovations in their application to this growing interdisciplinary field. In the spirit of the overall meeting program theme, a special symposium on magnetic resonance in food science will be included.

Topics include but not limited to:

- Synthetic and biological macromolecules
- Materials and interfaces
- Soft matter
- Nanostructures and nanocomposites
- Supramolecular assemblies
- Foods and complex gels

Symposium Organizers

Professor Jeffery L. White, Oklahoma State University, jeff.white@okstate.edu

Professor Louis A. Madsen, Virginia Tech, lmadsen@vt.edu

Professor Kay Saalwaechter, Martin Luther University Halle-Wittenburg, kay.saalwaechter@physik.uni-halle.de

Organizing committee: H. N. Cheng, A. D. English, H. Kaji, S. Kawahara, H. W. Spiess, A. K. Whittaker

[Polymer Precursor-Derived Carbon](#)

Dennis Smith, Wesley Hoffman, Amit Naskar

Polymer Precursor-Derived Carbon

245th American Chemical Society National Meeting

April 7-11, 2013

New Orleans, Louisiana

Program Theme: Chemistry for Energy and Food

Abstract & Preprint due October 15, 2012

Invitation. Carbonaceous materials with controlled morphology may serve as advanced materials for energy applications and reduction in carbon emission, membrane separation, energy storage, catalysis, solar utilization, electronics, and sensing. New generation higher-performance structural carbon fibers have the potential to enhance vehicle efficiency and to reduce greenhouse gas emission when used as composite lightweight structures. They can also enhance carbon capture and charge storage capacity when used as mesoporous carbon sorbent and super-capacitors, respectively. This symposium co-sponsored by the ACS Division of Polymer Chemistry offers a forum to highlight the recent development in these areas. Scientists, engineers, and technologists interested in the latest developments and advances in this diverse field are invited to contribute oral and poster presentations.

Topics include but not limited to:

Polymeric precursor syntheses and mechanisms
Structure / property relationships
Processing of carbonaceous materials
Modeling structure formation in carbon
Electronic carbon materials
High-volume applications for energy efficiency and energy harvesting
Renewable carbon precursors

Symposium Organizers

Professor Dennis W. Smith, Jr., The University of Texas at Dallas, dwsmith@utdallas.edu
Dr. Wesley P. Hoffman, Air Force Research Laboratory, Wesley.Hoffman@edwards.af.mil
Professor James E. McGrath, Virginia Polytechnic Inst. and State University, jmcgrath@vt.edu
Dr. Amit K. Naskar, Oak Ridge National Laboratory, naskarak@ornl.gov

[Polymer Composites for Energy Harvesting, Conversion, and Storage word.file](#)

Lan Li, Winnie Wong-Ng, Jeff Sharp

Polymer Composites for Energy Harvesting, Conversion and Storage

**245th American Chemical Society National Meeting
April 7-11, 2013
New Orleans, Louisiana**

Program Theme: Chemistry for Energy and Food

Graphical Abstract due October 15, 2012

Invitation. This symposium focuses on a variety of polymer composite preparations and their energy applications, e.g. energy harvesting, conversion and storage. All research efforts toward the exploration of polymer composites are relevant, from chemical synthesis, characterization, and modeling, up to applications. The symposium is expected to comprehend the scientific, engineering, economic, environmental and health issues involved in the manufacturing and use of polymer composites in order to accelerate the introduction of high-performance, low-cost, and environmentally friendly polymer composites and techniques into the marketplace.

The symposium accepts abstracts for oral and poster presentations. A list of topics of interest includes, but is not limited to:

- Structure and properties
- Synthesis and characterization
- Processing and manufacturing
- Computer modeling and simulation
- Energy applications, such as fuel cells, solar cells, batteries, thermoelectric systems, hydrogen storage media etc.
- Energy efficiency
- Current challenges, such as challenges in processing and manufacturing, and health and environmental impacts.

Symposium Organizers

Dr. Lan Li, Kent State University, Kent, OH; and National Institute of Standards & Technology (NIST), Gaithersburg, MD. lan.li@nist.gov

Dr. Winnie Wong-Ng, National Institute of Standards & Technology (NIST), Gaithersburg, MD. winnie.wong-ng@nist.gov

Dr. Jeff Sharp, Marlow Industries, Inc., Dallas, TX. JSHARP@marlow.com

2013 Spring Meeting

Invited Speakers

Prof. David L. Carroll, Wake Forest University

Prof. Mario Leclerc, Université Laval, Canada

Prof. Mark Dadmun, University of Tennessee

General Topics: New Synthesis and Characterization of Polymers
(TO INCLUDE ORAL TALKS)

Dana Garcia

Liquid Crystals and Polymers

Timothy White, Allan Guymon, Dick Broer

Liquid Crystals and Polymers

245th American Chemical Society National Meeting April 7-11, 2013 New Orleans, Louisiana

Program Theme: Chemistry for Energy and Food

Abstract & Preprint due October 15, 2012

Summary. The anisotropy of liquid crystalline materials is the basis of their applicability in a variety of functional devices, most evident in their employment in display technologies. One constant theme in the last three decades of liquid crystal research is that distinctive (and useful) properties and performance enhancements are often realized liquid crystallinity is assimilated with polymers in bulk (liquid crystal polymers, liquid crystal elastomers) or composite (polymer dispersed liquid crystals, polymer stabilized cholesteric liquid crystals) forms. In light of advances in this community in the recent literature particularly with respect to actuation, nanotechnology, and biological applications, this symposium aims to bring this community together to provide a forum to discuss these burgeoning areas as well as update progress in active areas.

Topics include but not limited to:

Synthesis, preparation or characterization of:

- Liquid crystal monomers
- Liquid crystal elastomer, gel, and polymers
- LC/polymer composites
- LC/nanomaterial composites
- Chiral molecular motors

2013 Spring Meeting

- Photoresponsive liquid crystal systems
- Nanostructured LC materials for bio-based applications

Confirmed Invited Speakers

- Dr. Timothy Bunning – Air Force Research Laboratory
- Prof. L.C. Chien – Kent State University
- Prof. Harry Coles – Cambridge University
- Prof. Michael Escuti – North Carolina State University
- Prof. Douglas Gin – University of Colorado-Boulder
- Prof. Daniel Guillon - CNRS-IPCMS
- Prof. Tomiki Ikeda – Chuo University
- Prof. Takashi Kato – University of Tokyo
- Dr. Owain Parri – Merck Ltd.
- Prof. Albert Schenning – Eindhoven University of Technology
- Prof. Jose Luis Serrano - University of Zaragoza
- Prof. Ivan Smalyukh – University of Colorado-Boulder
- Prof. Kenji Urayama – Kyoto University
- Prof. S.T. Wu – University of Central Florida
- Prof. Yanlei Yu – Fudan University
- Prof. Rudolf Zentel – University of Mainz

Symposium Organizers

Dr. Timothy White, Air Force Research Laboratory, timothy.white2@wpafb.af.mil

Prof. Dick Broer, Eindhoven University of Technology, d.broer@tue.nl

Prof. Allan Guymon, University of Iowa, cguymon@uiowa.edu

[Bottom-up Design of the Next Generation of Biomaterials](#)

Abraham Joy, April Kloxin, Sheng Lin-Gibson, Linda Shekhawat

Bottom-up Design of the Next Generation of Biomaterials

245th American Chemical Society National Meeting

April 7-11, 2013

New Orleans, Louisiana

Program Theme: Chemistry for Energy and Food

2013 Spring Meeting

Graphical Abstract due October 15, 2012

[\[abstracts.acs.org\]](http://abstracts.acs.org)

Symposium will cover current topics in biomaterials such as:

- **Innovative approaches in synthesis and characterization**
- **Design and applications of biomaterials for drug delivery, regenerative medicine and probing biological systems**

CONFIRMED SPEAKERS

Kevin Healy, Univ. California, Berkeley; **Elizabeth Gillies**, Univ. Western Ontario; **LaShanda Korley**, Case Western; **Eva Harth**, Vanderbilt; **Mark Grinstaff**, Boston Univ.; **Danielle Benoit**, Univ. Rochester; **Kenichi Kuroda**, Univ. Michigan, **Jianjun Cheng**, UIUC; **Kent Kirshenbaum**, New York Univ.; **Robert Prud'homme**, Princeton Univ.; **Millicent Sullivan**, Univ. Delaware; **Hak-Joon Sung**, Vanderbilt; **Yadong Wang**, Univ. Pittsburg; **Jason Burdick**, UPenn; **William Murphy**, Univ. Wisconsin; **Ali Khademhosseini**, Harvard-MIT; **Tatiana Segura**, UCLA

SYMPOSIUM ORGANIZERS

April Kloxin, Univ. Delaware; akloxin@udel.edu
Abraham Joy, Univ. Akron; abraham@uakron.edu
Sheng Lin-Gibson, NIST; sheng.lin-gibson@nist.gov
Linda Shekhawat, Aldrich Materials Science; linda.shekhawat@sial.com

Natural and Renewable Polymers
Erik Hagberg, Tara Mullen, Jeffrey Gilman

Joint POLY/**PMSE**: Cyclic and Multicyclic Polymers
Scott Grayson, Haskell Beckham, Yasuyuki Tezuka, and Donghui Zhang

Joint POLY/**CHED**: Integrating Chemistry & Polymer Science Research into the Classroom
Sarah Morgan

Joint **POLY/PMSE**: [Hybrid Materials](#)
Rick Laine, Frank Blum, Galo Soler-Illia

Hybrid Materials

Joint: POLY/PMSE

245th American Chemical Society National Meeting
April 7-11, 2013
New Orleans, Louisiana

2013 Spring Meeting

Program Theme: Chemistry for Energy and Food

Abstract & Preprint due October 15, 2012

We are currently **soliciting contributed papers** on HYBRID MATERIALS for a symposium at the 245th ACS National Meeting & Exposition in New Orleans, Louisiana, USA, April 7-11th, 2013. Given the many recent advances in Hybrid Materials, we believe that the this symposium will be very timely. the symposium is sponsored by both the POLY and PMSE divisions of the ACS.

We are aiming at assembling participants from academia, government, and industry from around the world, on:

- Sol-gel processing of multifunctional hybrid materials that offer novel electroactive, composite, acoustic, insulating and mechanical properties.
- Synthesis and processing of organometallic and inorganic polymers for optical, structural, biological and high temperature applications.
- Synthesis and processing of macro-composite materials using novel processing techniques and inexpensive starting materials.
- Commercial aspects of hybrid organic/inorganic polymers.

Participants from industry, government, and academia are cordially invited to participate in the wealth of presentations for the advancement of this thriving field.

General Information about the symposium can be found at the following website:

blum.okstate.edu/hybrids

Authors interested in submitting a contribution are kindly requested to submit an POLY Preprint using the template that can be downloaded from the POLY website; <http://www.polyacs.org/8.html>

Confirmed Speakers, as of this date, include:

Florence Babonneau, CNRS Director of Research

Professor Frank Caruso, U Melbourne

Brad Chmelka, U California-Santa Barbara

Frieder Jaekle, Rutgers U

Professor Axel Mueller, Bayreuth U

Professor Jeffrey Pyun, Arizona State U

Professor Kazuyuki Kuroda, Waseda U

Joel Moreau, CNRS

Dr. Francois Ribot, Director of Research, CNRS

Dr. Clement Sanchez, CNRS Director of Research

Dr. Christian Serre, CNRS Director of Research

2013 Spring Meeting

Professor Igal Szleifer, Northwestern U
Dr. Rich Vaia, US Air Force Research Labs
Professor Uli Wiesner, Cornell U

Sincerely,

Richard M. Laine

Macromolecular Science and Engineering
University of Michigan
2300 Hayward St.
Ann Arbor, MI 48109-2136
Phone: 734-764-6203
Fax 734-763-4788
talsdad@umich.edu

Frank D. Blum

Oklahoma State University
Department of Chemistry
Stillwater, OK 74078
Phone: 405-744-5920
Fax: 405-744-6007
fblum@okstate.edu

Galo Soler-Illia

Gerencia Química CNEA
Centro Atómico Constituyentes
Avda. Gral. Paz 1499
(B1650KNA) San Martín
Buenos Aires, Argentina
Tel.: 54-11- 4576-3378/80 ext. 130
Fax: 54-11- 4576-3341
gsoler@cnea.gov.ar

ACS Award for Creative Invention: Symposium in Honor of Timothy Swager
Aimee Rose

Carl S. Marvel Creative Polymer Chemistry Award
Jason Locklin and Mark Roberts

POLY/PMSE Plenary Lecture & Awards Reception: Plenary speaker: Larry Wendling - Staff Vice President
for 3M's Corporate Research Laboratory "3M Technologies and Applications Related to Energy Market
Opportunities"
Sheng Gibson-Lin, Jeff Youngblood, Scott Iacono

[Excellence in Graduate Polymer Research](#)

H. N. Cheng, Christopher J. Ellison, Timothy E. Long, Christine Landry-Coltrain

9th Excellence in Polymer Graduate Research Symposium

New Orleans, LA- April 7-11, 2013



The ninth symposium on "Excellence in Polymer Graduate Research" took place at the national ACS meeting in New Orleans, Louisiana, on April 7-11, 2013. 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 a record number of 42 submissions. We were very pleased with the quality of the papers and the caliber of the students. The symposium was organized into four half-day oral sessions, a poster session, and a networking social. In the oral sessions on Sunday and Monday 28 students gave talks on their papers, and in the Tuesday poster sessions 14 students presented their work. These 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. Marinda Li Wu, the 2013 ACS President, personally visited the symposium and spoke to the students for 10 minutes, encouraging them to excel in their work. Professor Gregory Tew, the 2013 Chair of the ACS Polymer Chemistry Division also came to the symposium and

interacted with the students. A reception followed where the students mingled with the participants of the POLY Undergraduate Symposium.

This symposium was organized by the ACS Polymer Chemistry Division (POLY), and cosponsored by Presidential Event (PRES), Young Chemists Committee (YCC), Division of Professional Relations (PROF), and Society Committee on Education (SOCED). The symposium had the generous support of POLY and Industrial Advisory Board of the Polymer Division (IAB). The detailed symposium program is attached.

Symposium Organizing Committee:

H. N. Cheng (POLY Councilor, USDA) Christopher Ellison (POLY Member, Univ. of Texas) Christine Landry-Coltrain (POLY Alternate Councilor, Eastman Kodak) Timothy E. Long (POLY Past Chair, Virginia Tech)

Symposium Program

Oral Session 1. Sunday morning (Session Chair: Christine Landry-Coltrain)

Introductory Remarks 15230 Synthesis and colloidal polymerization of Janus nanoparticles: New concepts for colloidal monomer design **Hill, Lawrence**, Univ. of Arizona 16626 Multigeometry Nanoparticle and Multicompartment Superstructure Construction from Block Copolymers – Molecular Design, Assembly Hierarchy, and Kinetics **Zhu, Jiahua**, Univ. of Delaware - Materials Sci & Eng 10526 Block copolymer templated nitrogen-enriched porous nanocarbons: From synthesis, characterization, to applications **Zhong, Mingjiang**, Carnegie Mellon U. 17328 Novel Synthetic Approaches for Imidazole Functionalized Copolymers **Viswanath, Anand**, Univ. of South Carolina Intermission 12909 Surface interactions of functionalized cellulose nanocrystals **Way, Amanda**, Case Western Reserve U. 15074 Versatile Construction of Polyphosphoester-based Nanostructures for Different Biological Applications **Zhang, Shiyi**, Washington Univ. in St. Louis 14027 Layer-by-layer assembly of lipid nanocapsules on microneedles for enhanced transcutaneous vaccine delivery **DeMuth, Peter**, MIT - Biol. Eng. **Oral Session 2. Sunday afternoon (Session Chair: Chris Ellison, Tim Long)**

Introductory Remarks Recognition of Poster Presenters 10548 Polymer micelles for a targeted, magnetothermally triggered drug delivery system **Glover, Amanda**, U of Alabama 18076 Assembling, disassembling and

switching nanoparticles in vivo to program the pharmacokinetics of therapeutic and diagnostic delivery vehicles **Chien, Miao-Ping**, U. California, San Diego14922 PEGylation density effects on protein binding, macrophage association, biodistribution, and pharmacokinetics, **Reuter, Kevin**, U. of North Carolina12967 Self-assembling biomaterials for bone tissue regeneration **Shah, Nisarg**, MIT - ChE Intermission 13503 Thermoplastic Elastomeric Block-copolymers via Controlled Radical Polymerization of Soybean Oil **Hernandez, Nacu**, Iowa State - ChE12549 In situ polymerization via environmentally-borne initiation stimuli **Zavada, Scott**, U. of Michigan11937 Phthalaldehyde-benzaldehyde copolymers: Reactivity and functionalization **Kaitz, Joshua**, U. of Illinois Remarks by **ACS President Marinda Li Wu**, & Photo Session Graduate/Undergraduate Reception **Oral Session 3. Monday morning (Session Chair: Tim Long, Christine Landry-Coltrain)**

16903 Lithium single-ion conducting polymers with unusual high-voltage stabilities for battery applications **Weber, Ryan**, U. of Wisconsin16953 Engineering the multi-length scale structure of conjugated polymer networks for enhanced charge transport in organic photovoltaics **Newbloom, Gregory**, U. of Washington18274 Graphene-assisted growth of vertically oriented oligomeric semiconductor single crystals **Wang, Yue (Jessica)**, UCLA14089 Nanocomposites of epoxy with covalently modified graphene and carbon nanotubes **Sydlik, Stefanie**, MIT - Chem Intermission 16998 Partially aromatic high-performance polyesters for electronic applications **Nelson, Ashley**, VPI - Chem12550 Polarity-switching top coat polymers enable thin film block copolymer orientation control **Bates, Christopher**, Texas - Chem10167 Study of strain relaxation to control self-folding of pre-strained polymer sheets **Liu, Ying**, NC State - ChE **Oral Session 4. Monday afternoon (Session Chair: Chris Ellison)** 18329 Chemistry and application of ketene functionalized polymers **Leibfarth, Frank**, U. of California, Santa Barbara11275 Giant Molecular Shape Amphiphiles Based-on Polyhedral Oligomeric Silsesquioxanes: Molecular Design, "Click" Synthesis and Self Assembly **Li, Yiwen**, U. of Akron18168 Versatile brush architectures for siRNA delivery via controlled polymerization/click chemistry **Abel, Brooks**, Southern Mississippi U.13573 Generation of complex surfaces through postpolymerization functionalization of surface-bound polymers with an orthogonal, self-sorting click reaction **Arnold, Rachele**, U. of Georgia Intermission 14245 Synthesis, Characterization, and Transport Properties of Thermally Rearranged Polyimides for Gas Separations **Smith, Zachary**, U. of Texas - ChE16643 Coacervation in Model Oppositely Charged Polyelectrolyte/Surfactant Mixtures: Effects of Cationic Polymer Charge Density and Alkyl Chain Surfactant Hydrophobicity **Li, Dongcui**, U of Delaware -

ChE17317 Dynamic processes in diblock copolymer micelles with a semi-crystalline core **Singh, Avantika**, U. of Houston **Poster Session - Tuesday, 5:30 - 7:30 pm**

14792 Peptide-directed Assembly of Scaffolds for Applications in Tissue Engineering **Ding, Xiaochu**, Michigan Technological U.12601 Biodegradable Brush Polymer-Drug Conjugates for pH-Responsive Release of Doxorubicin **Yu, Yun**, U. of Buffalo10898 Regioselectively modified pullulan derivatives containing amine and amide groups: potential for biomedical applications **Pereira, Junia**, VPI-Macro Inst.17325 Interpenetrating network hydrogels based on poly(N-vinylformamide) and polyacrylamide with controlled charge complexation **Suekama, Tiffany**, U. of Kansas10177 Synthesis and Crystallinity of All-Conjugated Poly(3-hexylthiophene) Block Copolymers **Lin, Yen-Hao**, Rice Univ.10743 Non-covalent incorporation of specific binding sites onto organic transistors via block-copolymer templating **Hammock, Mallory**, Stanford U.14652 Self-Assembly and Optoelectronic Properties of a Rod-Rod Semiconducting Liquid Crystalline Block Copolymer containing Poly(3-Hexylthiophene) **Bhatt, Mahesh**, U. of Texas at Dallas14227 Supercapacitors stabilized with stimuli-responsive osmotic spheres **Park, Corman**, East Michigan12991 Benzodifurans and more: Modifiable building blocks for the synthesis of conjugated polymers and their application in organic photovoltaic cells **Kobilka, Brandon**, Iowa State - Chem15484 Responsive colloids: Following the inverse α -helix-to-coil transition of silica tethered poly(N ϵ -carbobenzyloxy-L-lysine) in m-cresol with a blend of techniques: NMR, DLS, SLS and SAXS **Rosu, Cornelia**, LSU - Chem15562 Polymerizable Structure-Directing Agents for In-Situ Synthesis of Nanocomposite Networks **Patil, Nitin**, Oklahoma State16600 Switchable fluorescence of near-infrared nanoparticles via protein interaction **Jetty, Ragini**, Clemson17315 Stimuli-responsive biphasic-polymer Janus magnetic nanoparticles prepared via electrostatic interactions and surface-confined ATRP **Vasquez, Erick**, Mississippi State14153 Combined experimental and simulation approach to tailor the microstructures of polymer materials through inclusion complex formation and subsequent release **Gurarslan, Alper**, NC State - Fiber10287 Self-assembling behavior of cellulose nanoparticles during freeze drying: effect of suspension concentration **Han, Jingquan**, LSU - Renewable Natural Resources

[Undergraduate Research in Polymer Science](#)

Sarah Morgan, Kevin Cavicchi, Sarah Goh, Christopher Goh

2013 SPRING NATIONAL ACS MEETING

April 7-11, 2013

New Orleans, LA

2013 Spring Meeting

Theme: Chemistry of Energy and Food
Undergraduate Research in Polymer Science

Sponsored by

**Division of Polymer Chemistry
AMERICAN CHEMICAL SOCIETY**

CALL FOR PAPERS!

Graphical Abstracts Due: October 15th

<http://abstracts.acs.org/>

The 8th annual symposium to recognize outstanding undergraduate students in polymer science and engineering will take place in New Orleans in 2013. We invite institutions to send their best undergraduate student researchers to speak or display a poster on his or her original research in this special symposium.

Limited travel awards will be available. Recipients will be chosen based on the quality of the graphical abstract, the relevance of the research to the theme of the national meeting, and to ensure distribution of awards to multiple institutions. In addition to the travel awards, \$500 Best Oral Presentation and Best Poster Presentation Awards sponsored by the POLY Industrial Advisory Board will be awarded at the meeting.

This meeting is intended to provide recognition to outstanding undergraduate students in polymer science and engineering, to foster networking and exposure, to introduce opportunities in graduate research and to help develop the careers of future leaders in both academia and industry. A keynote lecture in polymer science, career panel, discussion of graduate school opportunities, and a networking reception are included in the symposium.

Student should enter the abstract of his or her presentation at the ACS abstract submission site <http://abstracts.acs.org/>, under "Undergraduate Research in Polymer Science" in the POLY division by October 15, 2012. Students may request poster or oral presentation. A GRAPHICAL ABSTRACT is required. Please be sure to submit a figure with the abstract in PACS.

Looking forward to your submissions!

The Organizing Committee,

Sarah Morgan, Sergei Nazarenko, Dan Savin,
The University of Southern Mississippi

Chris Goh, Sarah Goh
Williams College

Kevin Cavicchi
The University of Akron

Prof. Sarah E. Morgan, sarah.morgan@usm.edu
Prof. Sergei Nazarenko, sergei.nazaranko@usm.edu
Prof. Daniel Savin, daniel.savin@usm.edu
Prof. Christopher Goh, christopher.goh@william.edu

2013 Spring Meeting

Prof. Sarah Goh, Sarah.L.Goh@williams.edu

Prof. Kevin Cavicchi, kac58@uakron.edu

Thank you in advance for your interest and participation. If there are any questions regarding this symposium please address them to the chairpersons.