

Industrial Advisory Board, ACS Division of Polymer Chemistry, Inc.
August 21, 2012
Philadelphia ACS Meeting
Sheraton Downtown, Salon 5 & 6, 7:30 AM – 9:30 AM

In Attendance:

Co-Chair: Travis Baughman, DSM
Co-Chair: Diana Gerbi, 3M
Reinier Grimbergen, DSM, VP R&D Resins
Michael Hunt, PolyMaterials
Lesia Linkous, POLY Business Office
Dana Garcia, Arkema
Ann Salamone, Rochal
Clay Bunyard, KCC
Shanti Swarup, PPG
Mike Fevola, [JNJ&J](#)
Linda Shekhawat, Sigma-Aldrich
Jonathan Goff, Gelest
Robert S. Moore, Kodak retired
Frank Sun, [JNJ&J](#), via call
Andy Meyer, Wyatt Technologies, via call

***Industrial Advisory Board – Strategic amplification of the ACS Polymer Division’s (POLY’s)
industrial voice in programming, education and award recognition***

Co-Chairs Diana Gerbi and Travis Baughman opened the meeting and offered their brief introductions and description of Agenda.

MISSION: review of the IAB Mission Statement and Summary were given by Baughman and hoped that those in attendance will see from the proceeding slides ~~and that~~ this Board continues to work diligently to Program, Educate and Award.

IAB BULLETIN: So that IAB Members are kept informed, this Board implemented the creation of a Newsletter (now called IAB Bulletin) to distribute electronically 3-4 times per year, the first of which was sent in March 2012 prior to the ACS Meeting ~~and the second in July 2012~~. This will be a tool to assist in preparing IAB Members for their travel to ACS Meetings as well as helping this Board become more informed as to information of interest through the Polymer Division. Plans are to send at least one more during 2012. Baughman encouraged this Board to offer suggestions and contributions as needed.

ACS’ INDUSTRIAL FOCUSED E-NEWSLETTER: ACS is launching a new weekly newsletter for its members employed in the chemical and pharmaceutical industries. The articles highlighted are focused on industry news, emerging science, and resources to help those interested excel within a own career path. Gerbi indicates that the purposed in exploring this is

to link with other groups not otherwise reached by this committee. Baughman and Gerbi indicated that this Board will do some research on the effectiveness of this communication and offer information on its perceived value at the next IAB Meeting.

POLY IAB NETWORK PAGE THROUGH ACS: In previous years, this committee developed a Social Networking page through ACS as a tool to become connected to others on the committee as well as generate IAB interest. Baughman/Bunyard received an email as follows: “Your group has been identified as meeting these [inactive] criteria. If you are still using this group and think your group should not be classified as inactive please respond to acsnetworkfeedback@acs.org by September 7, 2012. If we don’t hear from you by this date, we will assume that your group is inactive, and it and all of its content will be deleted.” This Board agrees to eliminate for lack of use.

IAB MEMBERSHIP AND FUNDING: An overview of the IAB membership was given and Linkous described the process of payment. Anticipated payment and expenses will be close this year due to the 2012 Spring Programming Reception which was sponsored. Gerbi informed the POLY Executive Committee of planned events in 2012 during its Winter Financial Meeting so that the appropriate financial groups within POLY would be informed.

IAB HOSTED PROGRAMMING RECEPTION: Baughman provided a review of the IAB Hosted Programming Reception held during the ACS Meeting in San Diego (Spring 2012). Though the event seemed well received, this committee found that those who were familiar with programming attended the event, rather than those seeking to become more informed which negates the justification of spending high-end hotel costs for such an event. Other options will be explored and will be discussed later in this meeting.

IAB MEMBERSHIP TASK FORCE: At the previous IAB Meeting, this committee developed an IAB Membership Task Force. Those on this committee expressing interested since its inception are Michael Hunt, Janelle Hampton and Erik Hagberg. Though Hampton and Hagberg were not able to be at this meeting, Baughman displayed slides from these individuals with a general overview. Since the last meeting, Hunt has consulted with IAB Chairs on prospective companies and it is this Committee’s hope that those prospective companies in attendance and beyond will join in participating in the valuable activities in which this Board is involved. IAB’s mission is to acquire and maintain and estimated 20 – 25 Members.

IAB ROUND TABLE TASK FORCE: IAB has developed an IAB Task Force to organize a first round table discussion for topics of interest for industrial members. Two topics suggested by Chairs include, “how to use post-doc in industry” and “two-body employment problems”. Initial discussion would take place during the IAB Meeting as a pilot, and then a review of the perceived value of such a discussion will be completed. Meyer mentioned that NSF did some topic on post-docs, which included pilot programming i.e. program support through NSF funding. ~~Meyer offered to complete a quick review of this and follow up. IAB agrees on the post-doc topic.~~ Chairs invited IAB Members to consider participating in this discussion on either end of the spectrum. Salamone uses post-docs in their company and would be interested in contributing. A blanket request will be sent to this committee for follow-up and requests.

IAB SUPPORTED AWARDS/PROGRAMS: Baughman displayed a slide with a list of awards and programs which are supported by this Board to include, Graduate Student Travel Awards, Industrial Polymer Scientist Award, Undergraduate Research Symposium, ACS Meeting Graduate Research Symposium, ACS Meeting POLY Graduate Student Workshop, and Polymer Science of Everyday Things

Events post Spring ACS Meeting as well as during this Fall ACS Meeting:

- 20th National Graduate Research Polymer Conference held at Case Western Reserve May 21 – 24, 2012 – the 2,000.00 funds have not been disbursed as of yet as this committee and the POLY Board are still waiting to receive a reporting from organizers.
- Industrial Polymer Scientist Award: Congratulations to Dr. Babu N. Gaddam, the 2012 Award Recipient. The Industrial Polymer Scientist Award Symposium was held Sunday morning, August 19th; Dr. Gaddam will receive his award at the POLY/PMSE Award Reception, Wednesday evening, August 22. The awardee receives a \$2,000.00 honorarium and travel.
- Polymer Science of Everyday Things Symposium, “Energy Generation and Storage” was held on Sunday and Monday during this ACS Meeting. IAB supports this in the amount of \$1,000.00.
- Graduate Student Travel Awards: Congratulations to Babloo Sharma, UT Dallas and Zhuo Chen U of Florida who will receive the \$500.00 ea at Wednesday’s POLY/PMSE Awards Reception.

OTHER REQUESTS FOR SUPPORT: Includes, but is not limited to, judging and discussion panels as requested by POLY and other ACS organizations. As opportunities arise for the next ACS Meeting in New Orleans, Chairs will send emails to this Board with requests as needed.

IAB AWARD: The winner of the 2012 Industrial Polymer Scientist Award is Dr. Babu N. Gaddam, a 3M Corporate Scientist and adjunct professor at the University of Minnesota and the University of St. Thomas. The Award Symposium was held Sun., August 19, 2012, 8:10AM – 12:10PM, and the award will be given at Wednesday night’s POLY Awards Reception. There were an estimated 5 nominations for the 2012 Award which will be rolled over to the next award cycle. Salamone expressed interest in offering this award annually in the fall in an effort to focus the Fall ACS Meeting on industry. In addition, Salamone mentioned her desire to see the submission process be made as simply as possible. Baughman displayed the existing form and the group discussed the current process. IAB will explore the possibility of a 2-step nomination process. Fevola mentioned that his company’s awards process is typically a two-step process in an effort to first have individuals express interest, and then invite certain submission to forward a more formal application request. Shwarup wishes to know if submissions reference US patents versus international, and invited this Board to consider having submission detail this on their application. Finally this Board would like to explore changing the deadline of award application to an earlier time (July instead of November). Do we change the deadline for the award to the summer? The idea is to give the Chair more time for Symposium programming... Decisions will be made at the New Orleans ACS Meeting. Moving forward, this Board would like to gain information from previous submissions which will be archived at the POLY Business Office to

include: how many submissions were sent, how long were the submission, the general theme of submissions, etc.

INTERSOCIETY POLYMER EDUCATION COUNCIL (IPEC): Salamone provide a brief description of the history and mission of IPEC Created in 1990, IPEC has been around since 1990 as a Polymer Ambassador Program. An IPEC Report was provided to those in attendance. One of the major functions is to support the Polymer Science of Everyday Things (PSOET), a workshop and symposium help during ACS Meetings as scheduled. Though Salamone and R. S. Moore have chaired this event for many years, they have ready to look to new organizers to run this in the future. Dana Garcia and Laizi (sp) helped to co-chair this event in Spring 2012 as a changing of the guard, though organizers wish to get other industrial POLY members involved with this highly successful event. The next PSOET event is tentatively scheduled for Washington DC (2015), focusing on either Homeland Security or The Arts. Please contact Salamone and others with your interest. PSOET also demonstrates the continued interest in Tutorials. At present Ambassadors are able to take part in hands-on demonstrations. These and other ideas will be benefited greatly by having more Industrial Organizers involved. In addition, Salmone wishes to encourage all Organizers of Polymer Science to consider this type of programming as a future offering.

OTHER TOPICS INVOLVING PROGRAMMING: Moore, who is involved in the Physical Society as well as a Member of POLY's Workshop Committee wanted to take an opportunity to inform this Board of Physical's Society interest in becoming involved in topics associated with "Solving Industrial Problems". Though a very broad topic, Moore's hope is to encourage this Board to consider all topics of interest for Industrial Members as well as get involved with programming at the workshop level.

ACTION ITEMS:

For the Spring ACS Meeting - New Orleans Planning:

- Propose a social event for IAB. Consider a ~~Tuesday~~ Monday Night (off-site) event
- Include with the regular IAB Meeting, A Round Table Discussion (topic is "Use of Post-Docs in Industry" – Request assistance from this Board
- Deactivate ACS Network Page used previously by IAB (automatically done with no response from administrators, Bunyard & Baughman)
- Research the ACS Weekly Industrial Newsletter to determine its relevance to IAB
- Contact POLY Awards Chairs to request they archive 2012 nominations for the Industrial Polymer Scientist Award. In addition, determine what information IAB has access to regarding those nominations and explore the possibility of changing the deadline for the Industrial Polymer Scientist Award as well as the steps to take for nominations (from a 1-step process to 2)
- Acquire the Graduate Conference Report for disbursement of sponsorship
- Connect with new and existing IAB Membership

Adjourn: 9:30AM

Respectfully submitted, Lesia Linkous, Travis Baughman and Diana Gerbi