



SOCIETY OF PLASTICS ENGINEERS

BLOW MOLDING DIVISION

Volume 2010 Edition 1

26th Annual Blow Molding Conference

ABC 2010

October 5 & 6

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**Crowne Plaza Atlanta Perimeter at Ravinia
Atlanta, Georgia**

The Crowne Plaza Atlanta Perimeter at Ravinia will be the site for the 2010 Annual Blow Molding Conference. The conference will feature industry speakers presenting segments in both packaging and industrial applications. From resin developments to machinery innovations to automation, design and safety, no topic will be missed. Attendees of past ABC conferences have expressed their enthusiasm regarding the breadth and depth of information they were exposed to during this event.

Why Atlanta?

Centrally located, Atlanta is the largest city in the Southeast, within driving distance of many plastics related businesses and manufacturing sites. Hartsfield Jackson International Airport is a state-of-the-art airport with non-stop service to hundred of cities across the U.S. and the globe.

There are also a number of companies in and around Atlanta with blow molding operations: The Clorox Company, Sidel, Inc., Nissei ASB Company, Silgan Plastics Corporation, Evenflo Company, Inc., Coca Cola, Constar International Inc., Consolidated Container Company, Alpla Inc., and CKS Packaging Inc., to name a few.

If you are interested in presenting a topic at this year's conference, you can review the **Speaker Guidelines, Presentation Requirements** and get a copy of the **Speaker Abstract Form** at our website.

SPEAKER OPPORTUNITIES

Highlight your company's profile at the conference and support the SPE Blow Molding Division. Your sponsorship dollars provide educational grants to students, help recruit new members to the Division and support the Annual Blow Molding Conference—an unparalleled

Continued on the next page



*Become
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SPONSORSHIP AND EXHIBIT OPPORTUNITIES



Highlight your company's profile at the conference and support the SPE Blow Molding Division.

Your sponsorship dollars provide educational grants to students, help recruit new members to the division, and

support the Annual Blow Molding Conference - an unparalleled networking platform for current and prospective blow molding professionals.

PLASTICS 101 MINI-SESSIONS

The introduction of "Plastics 101" was well received at last year's conference. These comprehensive mini-sessions featured instruction focusing on the technology, processes, troubleshooting and methodologies of blow molding. Led by industry experts, these sessions will provide invaluable tips, suggestions and solutions for such areas as:

- Continuous Extrusion
- Accumulator Head
- IBM
- Stretch Blow (reheat)
- Polyolefins and PET 101
- Design for Blow Molding
- Co-Extrusion and Engineered Polymers



The SPE Blow Molding Division's annual awards will be presented at dinner, which will recognize student scholarships and student design winners. A special segment of the evening will be dedicated to the Division's Lifetime Achievement Award.



CONFERENCE VENUE

Crowne Plaza Atlanta
Perimeter at Ravinia
4355 Ashford Dunwoody Road
Atlanta, GA 30346

For Reservations Call: 800.972.2404 or
visit: <http://www.ichotelsgroup.com/h/d/cp/l/en/hotel/atlcpc>



TRANSPORTATION

The Crowne Plaza Atlanta Perimeter at Ravinia is located 27 miles from Hartsfield Jackson International Airport

directions

Take I-85 NORTH through downtown Atlanta, take GA 400 NORTH (exit 87, toll road - .50 cents), go NORTH to I-285 EAST (Exit 4A) Proceed to Exit 29, turn LEFT on Ashford-Dunwoody Rd and cross the bridge. The Crowne Plaza Ravinia will be on your right.



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In memoriam of **SAMUEL BELCHER**



1934 - 2009

Sam 'The Bottle Man'...

was an energetic, gregarious, and a humble person. He was an accomplished baseball player who bred Tennessee walking horses, loved the outdoors and his dogs.

Held more than 60 U.S. & Foreign patents and developments

- Invented the lazy susan spice rack for Rubbermaid
- Invented McDonald's foam clamshell package
- Invented the first polyethylene terephthalate (PET) bottle with an integrated handle
- First flip-top hinge closure for liquid detergent bottles
- First injection blow molding machine for PET bottles
- First blow molded automotive front-wheel drive boots for GM and Ford
- Developments in twin-sheet thermoforming
- Structural foam plastic pallets
- Machinery and medical devices

Awards from

Fellow of Society of Plastics Engineers (SPE)
SPE Lifetime Achievement Award in Blow Molding
Outstanding Alumni Award, University of Akron
Plastics Hall of Fame inductee (2003)

Published works in the

Practical Extrusion Blow Molding Book
Handbook of Blow Molding
Japan Plastics Magazine
Encyclopedia of Polymer Science & Technology

Career affiliations

Cincinnati Milacron
Wheaton Industries
Owens-Illinois
Rubbermaid
Sabel PlasTechs

Education and military background

University of Akron – BA mechanical engineering (1958)
University of Toledo – MA business administration (1968)
ROTC
Air Force (1953)





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Annual Blow Molding Conference

Atlanta

"Charting the future of Blow Molding"

SPECIAL FEATURES:

- Advancements in technology and methodologies from industry experts.
- Techniques and Applications: how they impact your productivity and benchmark your operations.
- Networking one-on-one with leading manufacturers and network with industry peers and colleagues during the Pre-Conference Reception on October 4th, 2010.
- Plastics 101: Mini-Sessions featuring comprehensive instruction focusing on technology, troubleshooting and methodologies
- **A Free Conference CD:** containing presentations, abstracts and speaker contact information. Free when you register.



26th Annual Blow Molding Conference and Exhibits

October 5-6, 2010

Crowne Plaza Atlanta Perimeter at Ravinia
Atlanta, Georgia



"Don't miss the only event dedicated to blow molding featuring current industry trends, developments, processes, applications and materials."

PROGRAM HIGHLIGHTS:

- Technical/Business Overviews
- Industrial and Automotive Materials and Applications
- Packaging Machinery Advancements
- Blow Molding Optimization
- Co-Extrusion Technology
- Injection Blow Molding Technology
- Packaging Sustainability and Recycling
- Industrial Green Efforts



Consolidated Container Company

Guided tours and demos at one of the largest manufacturers of rigid plastic containers in the US and marketing products to the consumer, automotive, agricultural, and industrial chemical industries.



For more information including reservations, registration, and exhibits, visit www.blowmoldingdivision.org

Olefin Pricing, A Factor of Influences

By Jeffrey Light, A-ToP Polymers, Inc.

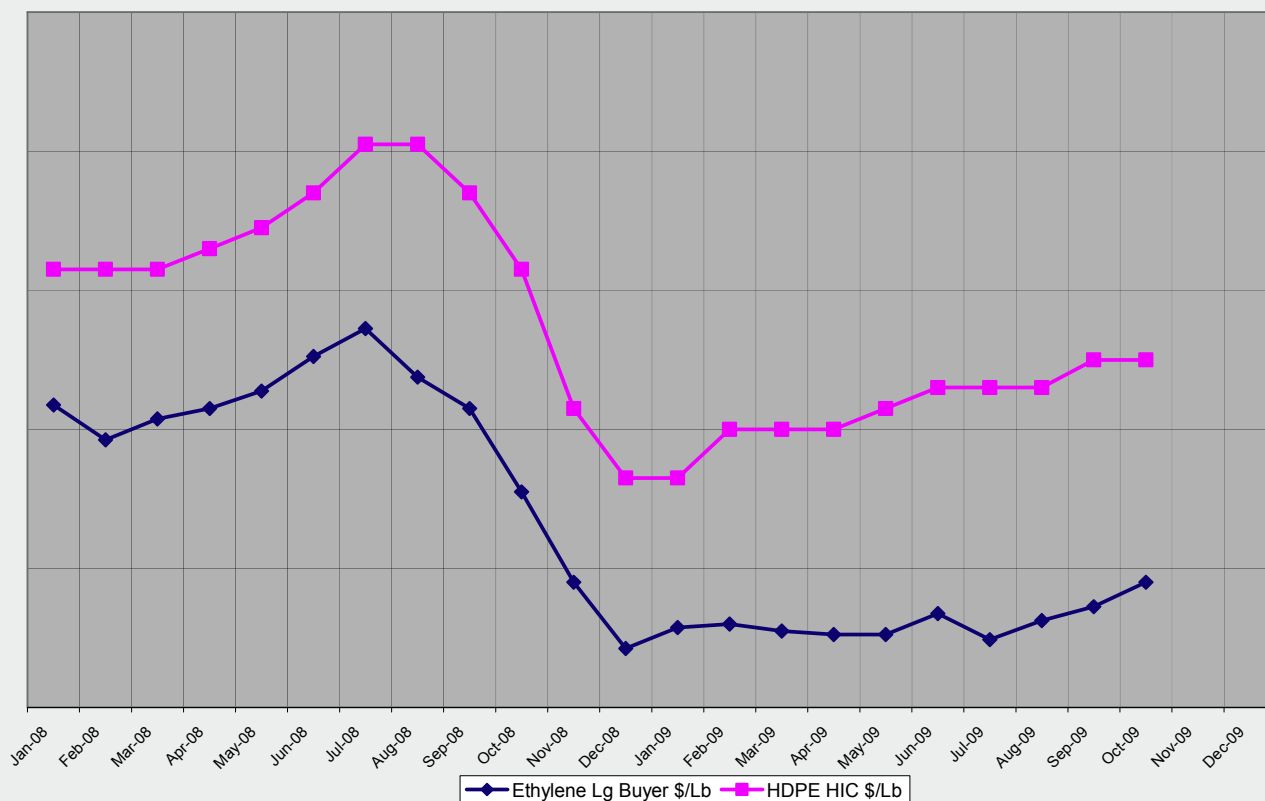
With only two months remaining in 2009, prices for all PE and PP blow-molding materials have risen substantially this calendar year, albeit after the plunge seen throughout the third and fourth quarters of 2008. Each of these markets continues to be affected by the weak global economy, the struggling value of domestic vs. international currencies and the global infusion of “recovery and stimulus dollars”. These factors impact everything manufacturers manufacture and consumers consume. Domestically, an increasing percentage of vulnerable citizen’s are becoming increasingly frustrated with the constant influences of governmental decisions. As federal, state and local governments try to balance their own budgets, the national debt continues toward new, all time highs concerns at the personal level remain guarded. Lower spending by consumers with less access to credit hurts retailers, distributors, plastic resin converters and thus, pellet manufacturers as well. Regardless of all the domestic and global issues, olefin blow molding resin producers are realizing strong healthy margins while maintaining lower than “normal” inventories and seek to increase selling prices further this year.

Let’s take a look at some specifics regarding each of the three major material categories.

Polyethylene

2009 Polyethylene resin costs rose with careful guidance by the producer sector as they have successfully managed balancing supply vs. demand. The “Make To Order” mentality should sound familiar, and this reality likely will not change anytime soon. After the steep declines seen throughout the later part of 2008, PE manufacturers have taken steps to ensure inventories remain low, i.e. pre-selling production to the export market and entering into the arena of pre-selling domestic and export production via auction. In addition, producers have increased operating rates via the closure of older, less efficient, production assets and been affected by higher feed stock costs. PE prices have risen 17-cents/# during the first 10 months of this year with two increase announcements yet to settle, totaling 8-cents/# while some producers remind their clients that there remains ½ of a previously announced 8-cent/# increase still in-play. Time will tell where the will market settle but with the pellet manufacturers having played their cards well in 2009, the trend seems apparent.

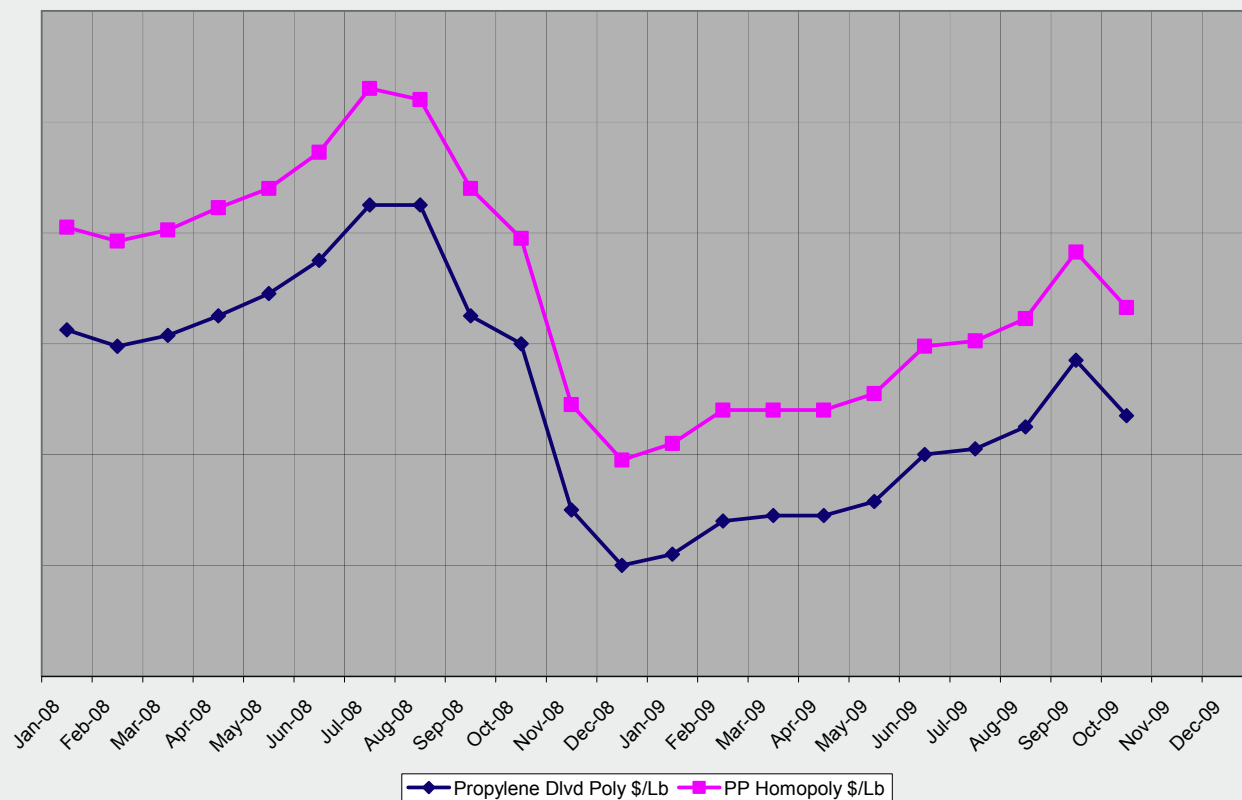
HDPE HIC & Ethylene Market Activity Jan '08 - Present



Polypropylene

Pricing for PP resin in 2009 rose steadily through the 1st and 2nd quarters of the year accounting for 20.5-cents/# of the 27-cents/# realized YTD. The balancing act of polypropylene pellet inventory vs. monomer costs vs. alternative markets factors, i.e. asphalt, alkaline values, etc. was well managed. PP price volatility can be attributed mostly to feed stock cost variances, unlike PE which has been benefit of a banner export year, causing producers to closely manage production to domestic demand each month. A clear example of this dynamic was during the 3rd quarter in which tight monomer supply resulted in a 12-cent/# increase in September, followed by a 10-cent/# decrease in October. Expectations of further decline were unrealized as feed stock costs rose further instead of declining due in part to the unexpected surge in oil prices. That being the case, there was decisive action taken by PP manufacturers with November nominations for 3 or 5-cents/#. As converters ponder their plans for the balance of 2009, prepare to close their books and posture for a successful 2010, we're all left wondering what the market demand really is for feed stocks, pellets, derivatives, etc. and thus the future settlement of production costs for resin manufacturers. Given the uncertainty as to where the true global economic recovery is, the on-going affects of the tight credit and job markets on consumers have taken demand markedly down in heavy PP markets such as: auto, home and appliance. Similar to PE, the "Make To Order" PP environment, is a wait and see.

PP Homopoly & Poly Grade Propylene Market Activity Jan '08 - Present



The above graphs reflect month over month market price movements off baseline with the data points reflecting general market knowledge and should not be viewed or used to signify the actions or pricing levels of any one individual or organization. Comments or questions can be forwarded to jeff@toppolymers.com.

SPE Scholarship Recipients

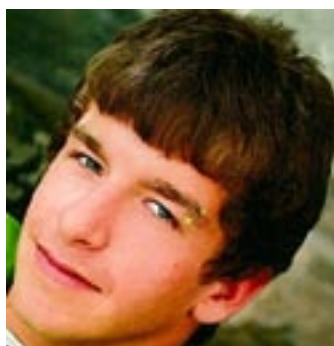
Marcus Gardner 2009 Carrie Fox Solin Memorial Scholarship recipient

Mark is a junior at Ferris State University. He worked in the thermoforming industry for 12 years before returning to school to further his education. Mark completed his associate degree in Plastics Engineering Technology at Grand Rapids Community earlier this year and is now studying Plastics Engineering at Ferris State University. He has also received prior SPE scholarships from the West Michigan section, the Thermoforming Division, and the Thermoset Division. Mark and his family live in Cedar Springs, MI.



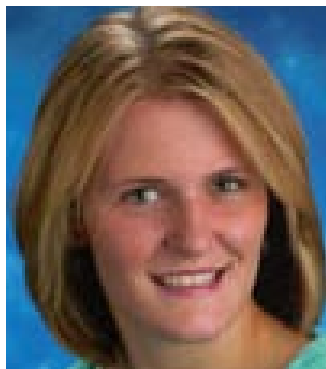
Evan Perkins 2009 ExxonMobil Chemical Company Scholarship recipient

Evan is a junior at Ferris State University pursuing a Dual Major in Rubber and Plastics Engineering Technology. He is the Fundraising Chair of the FSU student SPE chapter, the Secretary of the FSU Rubber Group, and Treasurer of the FSU Soccer Team. Evan works at Meijer and is lab tutor for a Rubber 110 class to help pay for school. He has interned at Delphi Automotive in Saginaw, MI. Evan's future career interest is design and manufacture of sporting goods.



Jessica Patz 2008 Carrie Fox Solin Memorial Scholarship recipient

Jessica is a senior at Pennsylvania State University at Erie, The Behrend College and plans to graduate in May 2010. She is the Treasurer of the PSU student SPE chapter and Vice-President of the PSU chapter of SWE. This past summer she was an intern at Beaumont Technologies and continues to work there part time during the school year. She is a TA for a plastics class this semester. Jessica plans to attend graduate school after graduation.



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Membership Matters

Reduced Membership Rate for TOPCON Attendees

SPE is offering up to a \$35 discount on membership dues for TOPCON attendees. When an attendee joins SPE or renews his membership when registering for a TOPCON, the dues rate is \$109 for one year. Please be sure to include this special rate on your registration forms.

SPE Launches Member-Get-A-Member Campaign

We're asking all our members and leaders to introduce their colleagues to SPE through our 2009-2010 Member-Get-A-Member Membership Drive. For each paid member you recruit, you'll receive your choice of rewards - including up to one full year of SPE membership and other great choices! And, your Section and Division will receive \$25 for each new paid member recruited through the program (\$7 for student members)!

You can personally invite your colleagues to join by sending an email or by giving them a special Member-Get-A-Member pre-approved application that includes your name and member ID number. The user-friendly MGM web pages offer easy access to recruitment tools and resources.

We need to increase participation to increase results.

Help spread the word! Put information about MGM in your newsletter, send your members a Newsbrief about the program, and mention MGM whenever you talk with a member.

Think about this - if each member recruited just one new member, SPE would double in size!

Thanks for your participation.

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Graham Engineering Corporation Continuing Education Grant Program

The Blow Molding Division of the Society of Plastics Engineers and Graham Engineering Corporation co-sponsor a program for continuing education of blow molding industry workers. By making financial resources available to Blow Molding Division member companies, this program will assist more people in obtaining continued education in blow molding and improve their job-related skills.

Up to \$500 per person is available to attend an SPE Blow Molding Conference, an SPE Seminar in Blow Molding, or other program applicable to blow molding.

Eligibility Criteria:

1. The employee must be a full-time employee of one of our member companies (having at least one current member of the SPE Blow Molding Division).
2. The employee's job function must be blow molding related.
3. The employee's academic training must not be higher than Associate Degree.
4. The employee must have company recommendation and support.
5. Costs exceeding \$500 will be the responsibility of the employee or employer.

How to enroll:

1. Submit a request to the Blow Molding Division at the following address:
Agri Industrial Plastics
Attn: Geoff Ward
301 N. 2nd St
Fairfield, IA 52556
geoff.ward@agriindustrialplastics.com
2. Include a letter of support from your company.
3. You will be notified of acceptance before the event that you wish to attend.

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Contact: Jeff Light, A-ToP Senior Account Executive
Director – SPE Blow Molding Division



DICK SMITH
PRESIDENT

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Don L. Peters	
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M Parthasarathy	
Robert A. Slawska	
Jack St Pierre	Packaging Consultants Co
Paul G. Strong	Poly-Tainer Inc

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Ernest Hollo Jr.	Hollo Plastics Equipment Inc
Saleh A. Jabarin	
Robert R. Jackson	Jackson Machinery Inc
Peter Jurgensen	Bangpoo Ind Est
Robert J. Kleckauskas	Arrow Plastic Mfg Company
Russell J. Labelle	Willmington Machinery
Earl V. Lind	
Manfred Lupke	Corma Inc
Steven Nielson	Seton Scientific Co
Michael E. Ryan	
Ronald SeEVERS	
Richard K. Smith	Agri Industrial Plastics Co
John Vlachopoulos	McMaster University
Dan Weissmann	D W & Associates
Ernest D. Wunderlich	

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Robert Callender	
Brian L Connell	Carris Plastics
Piarras V. De Cleir	Kraft Foods
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Claude F. Elgner	Elgner Group Investments LTD
Mark B. Heitker	Ineos Olefins & Polymers
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Paul J. Huspeni	Corning Cable Systems LLC
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James Meinert	
John R. Rathman	Chevron Phillips Chemical Company
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Michael P. Zielinski	Amcor PET Packaging

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Donald C. Hollenbeck	Craig Technologies Inc
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Mark Kallman	
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Michael D. Urquhart	Husky Injection Molding Systems
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G. Edward Campbell	G E Campbell & Associates
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Peter Tremmel	Salga Associates
Mario J. Triboletti	Alcan Packaging
Henry Vogel	Heise Industries
Steven S. Wagener	Toledo Molding & Die
Charles J. Walls	Bekum America Corporation
James C. Wang	
J. Deryck Whiteley	

Executive Meeting March 1, 2010

1:40 pm Attendees – Scott Steele, Ben Lopez, Jon Meckley, Terry Glass, Mark Heitker, Mark Barger, & Gary Carr

Issues reviewed:

- * Committee assignments for new BOD members
All BOD are members of TPC, and either Marketing or Education committees.
Need help on subcommittees.
- * Discussion of ABC 2010 venue costs
How to draw 300 attendees? Need to fulfill 75 room commitment at Crown Plaza hotel to avoid extra costs. Encourage all BOD to stay here. BOD meeting nights count toward 75 commitment.

2:00 pm Adjourn



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Marketing Committee Meeting March 1, 2010

2:10 pm Attendees – Gary Carr, Kyle Grodzinski, Ben Lopez, Jon Meckley, Scott Steele, Jeff Light, Lew Ferguson, Gerry Hobson, Bob Jackson, Daryle Damschroder, John Rathman, Terry Glass, Mark Heitker, Mark Barger, Randy Moynihan, Cal Becker, Henry Vogel, & Deirdre Turner

ABC 2009 wrap-up

\$65,379 Total Revenue

\$50,189 Expenses including 30% to SPE National

\$15,190 Surplus \$4557

19 Sponsors

219 Participants from 25 Blow Molding Companies & many End Users/Brand Owners

Marketing Efforts included NPE 09 flyer, Plastics News insert, email blasts, Plastics Engineering ad, targeted customer lists, & BOD network

How attendees heard of ABC from registration survey.

49% Division website

34% word of mouth

6% Plastics Engineering

6% Plastics News (noted large registration increase the week after this insert)

On line pay pal registration did not create an obvious confirmation.

Many requests for an attendee list at beginning of the conference.

Continued on next page

 <p>M.C. Molds, Inc</p> <p>Extrusion Blow Molds, Spin Trimmer, Foam Molds, Vacuum Molds & Repair / Refurbishment</p>		<p>125 Industrial Drive - Williamston, MI 48895</p> <p>P. 517-655-5481 F. 517-655-4826 Email - sales@mcmolds.com Bill Simpson - Sales</p>		 <p>JBJ</p> <p>Products & Machinery</p>	
<p>Shuttle / Long Stroke Molds</p> 		<p>Mold Innovation</p> 		<p>Inline Bellasher</p> 	
<p>Stretch Blow Molds</p> 		<p>ABS Molds & Great Molds</p> 		<p>Inline Neck Finishing</p> 	
<p>Foam & Vacuum Molds</p> 		<p>Inline Bellasher with Tail</p> 		<p>Hydraulic Bellasher</p> 	
<p>Spin Trimmers</p> 		<p>Transfer and Trim Tools</p> 		<p>Hand Load Bellasher</p> 	
<p>Recip Molds</p> 		<p>Hand Load Bellasher</p> 		<p>Hand Load Bellasher</p> 	

ABC 2010 Atlanta - October 5 & 6

Planning session with Southern Section representatives – Bill Smith, Rudy, & Jamail

Discussion topics -

Do we present blow molding 101's again? ABC 09 sessions were all well attended but not enough time for presentation and questions. Southern Section had had successful preconference seminars. Should the ABC 101's be at the front or back? Possible tour venues on 2nd day?

❑ Treasurer's Report – Terry Glass

Subject: Fall Treasurer's Report

The Audit Committee will Review our financial records during the October BOD meeting. The Audit committee will need to decide on an investment strategy for CDs and the \$60,000.00 transferred from the Operating Prudent Reserve Surplus. The SPE Annual Financial Report for the fiscal year 7/1/08 – 6/30/09 is complete and will be sent to the BOD. Our non-profit organization 501(c)(3) tax return, form 990, will be completed by November 15, 2009.

Since the July 1st 2009 - Start of Our Fiscal 2009 – 2010 Year

Operating Fund Highlights

Expenses

\$	4,628.00	- Web Support
\$	1,084.32	- Recognition Place Bartlesville
\$	91.92	- Misc
\$	4,000.00	- Probe
\$	9,804.24	- Total

Continued on next page

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Profit from our Experience



The advertisement features a blue background with several images of industrial blow molding equipment and finished products. The equipment includes large size machines, single and double-sided shuttle machines, high-output systems, and tandem blowing machines. Finished products include extrusion PET bottles, co-extrusion bottles, and sterile blowing bottles.

Large Size Machines

Single & Double-Sided Shuttle Machines

High-Output Systems

Tandem Blowing

Extrusion PET

Co-Extrusion

Sterile Blowing

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Income:

\$ 1.33 – Interest
\$ 288.30 – SPE Membership Rebate
\$ 36,122.05 – ABC Registration and Sponsorship Contributions
\$ 36,411.68 – Total

Operating Fund Balance as of October 3, 2009 – \$57,855.66

Disbursement Fund Highlights since July 1st 2009 - Start of Our Fiscal 2009 – 2010 Year

Expenses

\$ 13,500 - Scholarships / Awards
\$ 3,624 - publications (ADC Printing)
\$ 17,124 - Total

Income:

\$ 10,000.00 - CD Maturity
\$ 202.16 - Interest
\$ 10,202.16 – Total

Grant Fund Balance as of October 3, 2009 – \$70,645.08

Grant Fund Highlights:

Currently earning 1.5 % interest in the SPE Investment Plan (about \$150.00/month).

Our 3 fund's balances at fiscal year end were:

<u>Fund</u>	<u>Balance</u>
Operating	\$ 57855.66
Disbursement	\$ 70,645.08 + (\$15,000 in CDs)
<u>Grant</u>	<u>\$ 119,947.01</u>
Total Funds	\$ 248,447.75

Continued on next page



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Industry's highest production is made possible by a proportionally controlled, high-speed, hydraulic clamping system. It is just one of the exclusives offered by our versatile lines. Others include a screen changer combined with our Shot Pot technology and the XBM Navigator™ PC Blow Molding Controller, which can be expanded with optional 100-point parison programming, for effective lightweight bottle production.



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Phil Balin, Regional Sales Manager • (828) 488-7551 • pbalin@grahamengineering.com
Richard Nolan, Regional Sales Manager • (309) 530-6190 • rnolan@grahamengineering.com
Scott Howland, Sales Director • (717) 505-4813 • showland@grahamengineering.com



(717) 848-3755 • www.grahamengineering.com

Voted and 2/3 vote met approved Oct 06, 2009 @ 13:51
(Ron Puvak – motioned Daryle Damschroder second)
(Adjust the scholarship allowance from \$8000 to \$6000)

□ **Councilor's Report – Mark Barger**

Council Summary (Oct 06, 2009 @15:05)

SPE President Bill O'Connell called the meeting to order.

President O'Connell presented his comments on the year to date and the goals for the meeting. President O'Connell stated that this is the first Council meeting with electronic participation. Those participating electronically have a voice but no vote in this meeting. President O'Connell talked about all the Sections and Divisions that he has visited and his plans for the rest of his term.

Executive Director Susan Oderwald pointed out that increasing revenue is important to the Society's survival and that attracting new members is vital. Investments in our Internet technology are expected to help attract new members. The proposed budget assumes membership numbers stabilized at 2008 end-of-year levels. Other revenue-boosting ideas including corporate outreach are actively in process.

Elections

Council elected the following individuals as Society officers for the 2009-2010 term, which begins at AN-TEC (June 22-24).

President-elect – Ken Braney

Senior Vice President – Russell Broome

Vice President – Brent Strong

Non-officer position: Chair for the Council Committee of the Whole - Helen Basso (2009-2010)

Continued on next page



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Treasurer's Report

SPE's financial position is continuing to erode as the year wears on. Lower revenues are the key issue. Expenses are generally running at or below budget, but not enough to make up the difference in lower revenues. SPE is looking at restructuring its operations in the last quarter of 2009 to be better positioned financially for 2010. The consolidated statement and dashboard can be found at the end of the Councilor's report.

Budget

The major Council action was the approval of the 2009 calendar-year budget. A full write-up on the budget was distributed to Councilors and to all Section and Division Board members in preparation for this meeting. The budget that was approved calls for gross income of \$4,840,000, direct expenses of \$4,787,500, and a net income of \$52,500. Of particular note is that rebates to Divisions and Sections will be reduced by 2/3.

Council approved the budget unchanged from the original presentation.

Bylaws & Policies

The Bylaws & Policies Committee submitted items for consideration by Council:

Bylaws for Second Reading and Vote

- 7.4.3 Election Date
- 14.7.10 Foundation
- 17.6 Temporary Suspension of a Bylaw

Electronic Participation

- 5.1 Annual Business Meeting
- 5.3 Quorum
- 5.4 Special Business Meetings

Continued on next page



Blow Molding Equipment and Plastic Extrusion Machines Manufacturer

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734-429-9421 (ext 111) www.rbplasticsmachinery.com

- 6.2.2 Council Meeting Times and Places
- 6.2.3 Quorum
- 14.7 Participation and Voting
- Governance Downsizing
- 6.1.3 Council
- 7.1 Officers of the Society
- 7.5.5 Staggering of Terms
- 14.7.1.1 Executive Committee Membership
- Policy 022 Vice Presidential Transition

Policies for Council Review and Vote

- Policy 015 Special Interest Group Establishment
- Policy 016 Student Chapter Establishment
- Policy 020 Code of Ethics
- Policy 021 Embargoes and Sanctions

Council voted to approve all items as presented.

The SPE Foundation

SPE Foundation Managing Director Gail Bristol updated the Council on the status of the Foundation. She reviewed the grants and scholarships presented so far and noted that the Plastics Pioneers have established a PlastiVan matching-grant program. Foundation finances are tracking well and the Foundation is healthy. The Foundation will be folded back into SPE effective December 31, 2009, as previously approved by Council.

SPE Awards

The SPE Celebrates award ceremony will take place at a luncheon between the two Council meetings on Sunday prior to ANTEC@NPE. SPE will present the International Award, Business Management Award, and Education Award at the Plastics Academy Hall of Fame Dinner on Monday evening at NPE.

Committee Meetings

Fifteen committees met prior to the Council meetings. The following Committee/Officer Reports were given at the Council meeting:

Sections Committee Report

Councilor Helen Basso, Chair of the Sections Committee, reported on the activities of the Committee. The Committee approved the reactivation of the France Section and the merger of the Palisades and New Jersey Sections. The new Section will be called the Palisades/New Jersey Section.

Divisions Committee Report

Councilor Dale Grove reported on the activities of the Divisions Committee. The Divisions Committee recommends that the New Technology Committee approve the merger of the Radiation Processing of Polymers Europe and Radiation Processing of Polymers North America SIGs. The new group will be called the Radiation Processing of Polymers SIG.

New Technology Committee Report

Councilor Prithu Mukhopadhyay, Chair of the New Technology Committee, announced that the New Technology Symposium will be held on November 11 and 12, 2008.

ANTEC Committee Report

Councilor Bill Arendt, Chair of the ANTEC Committee, noted that paper submissions are up for this year's ANTEC.

Continued on next page

Communications Committee Report

Councilor Roger Kipp, Chair of the Communications Committee, reported on the activities of his Committee. The new member handbook is a key output of this team. His Committee also had input into the new SPE website.

Council Committee-of-the-Whole

Brent Strong, Chair of the Committee, conducted the meeting prior to the formal Council meeting. Items discussed at this meeting included rebate structure, status of the Society, student activities update and remote Council participation.

2009 Operating Plan

President-elect Anderson gave Council his thoughts on the 2009-2010 operating plan. He highlighted the emphasis on further engaging Generation X and Generation Y in SPE membership and activities. Key strategic objectives are: membership growth through increasing benefits focused on Generations X and Y; and revenue growth through new partnerships, licensing, and broader marketing efforts to grow non-dues revenue.

Tactics will include continued improvements to the SPE website, corporate outreach, getting the most out of our participation in ANTEC@NPE, and implementation of new technical forums like virtual conferences.

Virtual Conference Demo

SPE Senior Event Manager Lesley Kyle explained the virtual conference that SPE will be hosting in March 2009. This will be a two-day conference using live and recorded presentations, a “cyber lounge,” and a virtual trade show. The cyber lounge will be a chat room environment. This event is expected to be attractive in a down economy, in which attendees may otherwise be subject to travel bans and restricted travel budgets. It is also expected to attract individuals from Generations X and Y. The Failure Analysis & Prevention SIG has stepped up to co-sponsor this first virtual conference. A demonstration of the virtual conference technology was shown to Council.

□ Education – Geoff Ward

Subject: ABC Education Committee Report – Activities since ANTEC BOD Meeting

The Education and Awards Committees met October 6, 2009 in East Lansing, MI.

Memorial Scholarship program:

Our current scholarship recipients are:

Marcus Gardner – Ferris State University – 1st year \$8000 Carrie Fox Solin Memorial Scholarship

Evan Perkins - Ferris State University – 1st year \$8000 ExxonMobil Chemical Company Scholarship

Jessica Patz - Penn State University Erie – 2nd year \$8000 Carrie Fox Solin Memorial Scholarship

Our new scholarship recipients have been invited to and plan to attend the ABC 2009 Conference.

Dr. Lawrence Solin intends to be present for the Carrie Fox Solin Memorial Scholarship presentation at the ABC banquet.

Our scholarship program is being managed through the SPE Foundation. Program info can be found at the SPE website. <http://www.4spe.org/foundation/scholarships.php>

2009 Corporate Educational Sponsors:

ExxonMobil Chemical Company contributed \$5000 to our education fund again earlier this year. Thanks again to Bob Fitch and Clyde Bohne!

Graham Engineering Corporation supports the Continuing Education Grant Program. Their annual contribution of \$2000 has been received. 2010 is the final year of Graham's commitment, and \$1000 is anticipated to complete their pledge of \$15,000.

Continued on next page

2009 Student Design Competition:

The following entries were selected as this year's winners earlier in the year.

1st place - \$1000 - Brad Beers - Extrusion Blow Molded Orthotic Devices

2nd place - \$500 - Zachary Stefanik- Poly-Hanger Hang-on Tree Stand

3rd place - \$300 - Steve Parrish - Extrusion Blow Molded Gun Stock

The winners have been invited to and will attend the ABC2009 Conference, and each will have a display poster of their projects.

Graham Engineering Corporation Continuing Education Grant Program (Former Workplace Scholarship): Three grants were awarded recently, all for use toward attendance to the ABC 2009 Conference. Two were selected from Paarlo Plastics, and one from Agri-Industrial Plastics.

Blow Molding Division School Grant Fund:

Grants from The SPE Foundation/Blow Molding Division are available to educational institutions seeking funding for the purchase of blow molding equipment or educational resources pertaining to blow molding. Eligible items include machinery, installation, tooling, auxiliary equipment, instrumentation, controls, finishing equipment, software, and training or educational modules. This program is promoted by the SPE Foundation, for information go to <http://www.4spe.org/foundation/blowmoldinggrant.php>.

An application has been received from Pittsburg State for up to \$3150 for enhancements to their blow molding curriculum. The main portion is donation of a Cincinnati RHB-1 Stretch Blow Molding Machine, including rigging and shipping, electrical and plumbing installation, and a new air booster. Also included in the proposal is a new temperature controller for their Kautex KEB-1 Extrusion Blow Molding Machine. This application has been approved by the Education Committee, contingent on receipt of supporting documentation.

Continued on next page



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ABC 2009:

We invited students and faculty from the plastics programs at Ferris State U, Penn State Erie, Pittsburg State, and the MSU School of Packaging to be our guests, and representatives from each school will be in attendance. Invitations were also extended to Toledo, Grand Rapids Community College, and Kettering, however no students will be attending from either of these schools. A complimentary tabletop to promote their programs was offered in the sponsor area, and FSU, PSU-Erie, and PSU will be displaying. \$4500 was originally budgeted for student/faculty travel assistance for the ABC, and the committee agreed to add the unused \$500 from the ANTEC 2009 Student Activities for a \$5000 total budget. This will include assistance for our current scholarship recipients and design competition awardees.

We discussed the potential for a "Job Fair" for student attendees involving resume distribution and an area for introductions. Rather than a specific area, the students that are displaying at the tables have been asked to bring resumes to hand out. We will need to evaluate effectiveness of this approach.

PlastiVan:

Bekum volunteered to cosponsor and assist in making local arrangements to coordinate between the PlastiVan and area schools during the ABC 2009 week. During the week, the PlastiVan will visit a local high school, two middle schools, and an elementary school.

Web Site:

The Education Committee section of the web site was updated earlier this year, however continuous monitoring and updating is needed. The possibility of adding an area for resume posting has been discussed. No action has yet been taken, and further discussion and planning is needed on this topic.

Awards Subcommittee:

No new nominations have been received for Fellows or Honored Service. The deadline for the 2010 election is October 20, 2009. Are there any outstanding applications from

[Continued on next page](#)



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PEOPLE WHO FIND SOLUTIONS

Techne will be present at

K 2007 HALL 14
14 B 05

prior years that could be submitted this year? We also need to start looking for worthy candidates for the 2010 Lifetime Achievement Award.

The committee extends its thanks and gratitude to the former committee chair, Mark Heitker, for his years of service in that role. Thanks also go to Mark for his efforts this year in helping with a smooth transition to the new chair.

❑ **Newsletter - Ron Puvak**

Newsletter – Interest and Topic Leaders

- ✓ PET SBM column – Scott Steele.
- ✓ Column Extrusion blow – Gary Carr.
- ✓ Industrial Blow Molding column – Ben Lopez.
- ✓ Injection Blow Molding column – Ben Lopez.
- ✓ Material forecast – Open
- ✓ K07 product review
- ✓ Focus on highlights / key issues
- ✓ Open participation to the BOD
- ✓ Survey – ABC input
- ✓ Newsletter review (focus on highlights & key issues)
- ✓ Rework our Mission Statement – Gary Carr

Action Item: Full board support is needed to provide content.

Most recent Newsletter was all ads!

- Publish by:
 - ❑ ABC 2009 wrap-up
 - ❑ PET SBM column – Scott Steele.
 - ❑ ABC 2009 presentation – one selected
- News Briefs
- Focused columns could be generated.

❑ **Membership – Lew Ferguson**

- Primary – 514
- Secondary – 346
- Total – 860

2007 Through December 31:

2007 New 203 >Primary 112 + Secondary 91 = 203

2007 Suspended through December > 184

2008 Through September 30

2008 New >Primary 49 + Secondary 57 = 106

2008 Suspended through September > 160

D-30 membership is down in September 2008 compared with 2007, as is the Total SPE Membership. Or percentage of Primary Members in D30 and our percentage of Primary Members in the SPE Total have decayed marginally. Since 2005, D30 remains consistent at about 5.2 % on the total SPE membership, primary = 3.0 %

Action item: Lew to provide a listing of suspended members.

- ✓ To be contacted by board members that know them.

❑ **Sponsorships – Jeff Light**

- ✓ Major groups to market
- ✓ Resin Suppliers
- ✓ Mold Makers/Secondary Operations
- ✓ Machinery Manufacturers
- ✓ End-users
- ✓ Will begin new cycle Update Sponsorship materials to web site. – will work with Babli on this.

Continued on next page

- ✓ Jeff and Deirdre have proactively contacted 2008 sponsors with generally promising feedback on continuation in 2009.

Action Item: Jeff and Deirdre are urgently asking for board referrals for 2009 sponsorship.

❑ **Web Site – Babli Kapur - Updated Site Layout:**

- Home
- Sponsors
- Conferences
- Educational Activities
- Technical Information
- Industry Links (roll industry links under blow molding references)
- Blow Molding References
- What's new?

Submenu Details:

- ✓ Mission statement (page 3, 2nd click) – J.M.
- ✓ BOD Member list - All
- ✓ Chair message – J.M.
- ✓ BM Division Activities (brief activity list) – J.M.
- ✓ Current year BOD meeting calendar – J.M.
- ✓ Quarterly Newsletter – R. Puvak
- ✓ Award winners – J.M.

Focal point (responsible for compiling information for this section): J. Meckley

Sponsors: (Conferences)

- ABC Conference (general information - what it is about; listing of past conferences; posting of prior year agenda; prior year attendees list; location and agenda of current year conference) Focal Point to provide info: ABC co/chairs
Link to ANTEC-NPE [SPE & Plastics Industry Event Calendar](#) Focal Point info: ANTEC Co/chairs
- Link to other conferences

Educational Activities:

- Undergraduate Scholarships
- Continuing Education Grants
- School Blow Molding Grant Program
- Student Blow Molding Design Competition
- [Corporate Supporters of Our Educational Programs](#)
Direct Contributors include: Focal Point: M. Heitker
- Captive Plastics, Inc.
- ExxonMobil Chemical Company
- Graham Engineering Corporation

Technical Information:

- History of blow molding ([S. Steele](#))
- Resin types, advantages/disadvantages, properties, test methods (B. Fitch, J. Rathman, M. Heitker, W. Galla, [B. Kapur](#))
- Fabrication methods: EBM, IBM, ISBM (B. Jackson, S. Steele)
- Types of equipment, molds, tooling ([B. Lopez](#), G. Carr, K. Grodzinski, D. Damschroder)
- Troubleshooting
- Overall focal point: J. Headrick

Blow Molding References:

1st click on BM refs will show topics listed below. 2nd click on each topic will bring up a submenu as shown in following slides. 3rd click on sub-submenu topics will take user to pertinent website. No more than 3 clicks on BM webpage to access information.

- ✓ Industry links
- ✓ Past ABC (L. Ferguson to send Babli) and ANTEC Blow Molding Division Papers (subject to permission from SPE)

Continued on next page

- ✓ Key Blow Molding Web Sites, Books and Other Media
- ✓ Schools with Blow Molding Programs
- ✓ (Picture Gallery – idea rejected)

Industrial Links:

- Resin Producers
- Equipment Manufacturers Converters
- Brand Owners e.g., Food & beverage, HIC BM, PC&T, LPBM, etc.
- Regulatory

Past ABC and ANTEC Blow Molding Division papers:

- ABC Conference Archive
- ANTEC Blow Molding Division Archive

What's New:

- ABC Conference
- Display BOD voted best papers from previous year's ABC & ANTEC BM Division
- Quarterly BM Division Newsletter link

Future ABC Planning/Marketing / Future Conference Hot topics:

- Plastics Sustainability Education
- Recycling
- Legislation
- Automotive/EPA small engine rules & regulations
- Design/Innovation
- Processing
- Call for papers at ABC 2010

Action: Partner with MSU School of Packaging, offer \$2000 contribution and free student seats in the ABC 101's on Thursday morning. In return we want the School to mail to alumni the conference info and host a tour on Tuesday afternoon.

❑ **Marketing – Gary Carr**

Action Item: ABC 2009 Report

- Could sponsor the conference use Nissei, Sidel, Silgan,
- Where is the facility located?
- Registration, program, CD's/copies needs to be us.
- ABC 2010 Market programs
 - ✓ Site location will be Atlanta.
 - ✓ Multiple opportunities for attendees.
 - ✓ Local support needs defined.
 - ✓ Set up duties and 20% of net revenue
 - ✓ Scott will be the lead person.
 - ✓ ANTEC 2010 May 16 – 20 Orlando, FL
 - ✓ Call for papers at ABC 2011
 - ✓ ABC 2011 Market programs
 - ✓ Site location could be Chicago, Toledo, or East Lansing again.
 - ✓ Call for papers at ABC 2012
 - ✓ ABC 2012 Market programs (NPE Year)
 - ✓ Site location could be Chicago.
 - ✓ Multiple opportunities for attendees.
 - ✓ Local support needs defined.
 - ✓ Where is the facility located?
 - ✓ Call for papers at ABC 2013

Continued on next page

OLD BUSINESS:

No old business issue

NEW BUSINESS:

- i. Leadership Roles
- ii. Speaker list / Alternatives
- iii. News Blast
- iv. Winter Meetings - Alternatives
- v. Table Top Return Policy
- vi. Review rerouting for Securing Funds
- vii. Seek Consul Advice on Investing Regulations
- viii. Make recommendations to secure Grants / Funds
- ix. Reinstate / Structure - Financial Review Committee (Scott Steel)
- x. Non active member call back
- xi. June conference call in
- xii. Updated SPE logo information is posted to <http://www.4spe.org/logo-resources>
- xiii. Resubmit follow / service award (timing and paperwork)
- xiv. Lifetime achievement candidates review
- xv. Website approach to data exceptions
- xvi. Mark Heitker to assume the responsibilities of the BOD Secretary

ADJOURNMENT:

Called motion to adjourn (Ron Puvak / Mark Heitker - motioned) - approved @ 16:00

**The Blow Molding Division
Education Committee has
received annual contributions
from two continuing special sponsors:**

ExxonMobil Chemical Company
has donated
\$5000
to support our
**Undergraduate Scholarship
Program.**

Graham Engineering Corporation
has donated
\$1000
for ongoing
support of our
**Continuing
Education Grant Program.**

CHAIRPERSON



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E-mail: gcarr@bekumamerica.com

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