

Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 52nd Year of Education and Service to the Plastics Industry

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Awards Night



2010 Scholarship Winners

(presented by Kevin Cavicchi, Chairman of the
Education Committee and Master of Ceremonies at left)

On May 10, 2010, the Akron Section of the SPE hosted its Annual Awards Night banquet at the Raintree Country Club.

The evening was filled with elegance and inspiration, as future Polymer Engineers mingled and networked with representatives from several areas of polymer industry and academia.

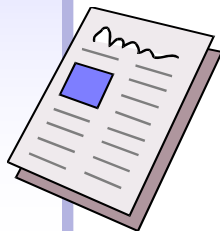
See page 4 for more
information and pictures

Reminder to our ~ Advertisers and Sponsors ~

This is the last edition of the 2009-2010 SPE Newsletter for the Summer. The 2010-2011 Newsletter season begins in August, 2010. We appreciate your support for our newsletter and welcome your advertisements for the next year.

Please see the insertion order request form on page 18.

We look forward to working with you in the future!



Coming Up:

- Next meeting – See you in the fall
- Board meeting – Sept. 7, 5:30 p.m., Polymer Eng. Center Conference Room

June 2010, Page 1



President's Message

The Akron Section has enjoyed a successful society year. We offered a full complement of monthly programs for your interest and benefit. We have issued monthly newsletters like this one via the internet to keep you informed of ongoing events and programs. We have offered scholarships for local students to pursue their education in polymers to become valuable graduates who will advance the profession and contribute to your companies' and institutions' bottom lines. We have supported science fairs to interest even younger students in plastics and polymers. We maintain a website with useful links and information on plastics as well as providing an avenue to seek guidance on technical issues. In testimony that we have as a board been effective in accomplishing these benchmarks on your behalf, we have again been awarded the Pinnacle Gold Award for section achievement by the Society.

As we approach the end of June, the fiscal and operational year-end for the Society of Plastics Engineers, it is also the time for the installation of a new Board of Directors for your Akron Section. It would be nice to celebrate the induction of some new board members from the membership ranks to replace those whose terms are expiring, but unfortunately none of you have recently come forward to show interest in serving the Society in such a leadership role. So, we continue on, with myself as a recycled President and all of the other directors in their same positions as last year. We can be grateful for their willingness to extend their service, in some cases, it seems, indefinitely. No worry, though; we are dedicated professionals, striving to keep the Akron Section going for your benefit. But are we the best representatives of the Akron membership to be leading the local organization? While we all have proven track records and are endeavoring to adapt to new paradigms, many of our ways and means of operating are more or less historical. No, the best future leaders for our Akron Section are out there amongst you who are reading this message. We don't know who you are, but we do know that some of you are the new leaders of the plastics profession and the industry, and we need that kind of new thinking on the Akron Section Board of Directors. If my message reaches out to you, please contact us through the Akron Section website www.akronspe.org.

I feel compelled to comment that the economic recession has touched our Section treasury similarly to the way it has altered some of your own finances and livelihoods. Income is down but our expenses for



providing essential services are not. Consequently, while we are doing our best to trim costs, our balance is at the lowest point in many years and we are relying heavily on a successful turnout for our upcoming TOPCON on Thermoplastic Elastomers to be held at the Fairlawn Hilton in September. I hope that those of you working in or serving that industry will attend or otherwise support this important conference.

We are planning a series of interesting programs for the monthly Section meetings in the coming society year and I hope to see many of you there.

With Best Wishes,
Lloyd A. Goettler, Incoming President (2010-2011)

Dr. Goettler, retired as Professor of Polymer Engineering and Director of the Institute of Polymer Engineering at The University of Akron, currently provides consulting to the rubber and plastic industries. Previously, Dr. Goettler was a Research Fellow at Monsanto Company and Solutia, where he contributed to developments in plastics, elastomers, their blends and composites, and nanotechnology. He holds a B.Ch.E. degree from Cornell University and a Ph.D. in Chemical Engineering from The University of Delaware. Besides numerous publications and patents, Dr. Goettler has served professionally as President of the Polymer Processing Society and in numerous leadership positions with the Society of Plastics Engineers.



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Awards Night

The keynote speaker for the evening was Prof. Mark Foster, the Associate Dean of Programs, Policies, and Engagement for the College of Polymer Science and Engineering at The University of Akron. He gave an exciting talk discussing new techniques for imaging materials at the nanoscale.

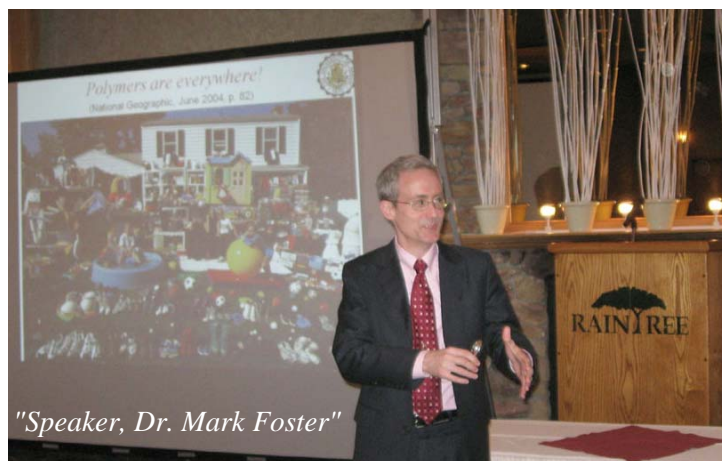
Special Merit Scholarships were awarded to Haley Chernuik, Sophie Grodinsky, Andrew McBain, Matthew Konderson and Alex Szymborski. The Goodyear Scholarship was awarded to Kathleen Angel. Brian Phillips was awarded the Kenneth L. Sharp Memorial Scholarship. The Rubbermaid Scholarship winner was Marissa Tousley. The Jim Steiner Memorial Scholarship was awarded to Samantha Moskowitz. The final awards of the evening were given to the SPE Essay Contest winners. First place was awarded to Emily Helfer for her essay, "Plastics: Good or Bad?" Second place was awarded to Todd Lensman for his essay, "Types of Plastics and Their Uses".



"Special Merit Scholarship Award Winner, Matthew Konderson (right)"



"Jim Steiner Memorial Scholarship Winner, Samantha Moskowitz"



"Speaker, Dr. Mark Foster"



"Special Merit Scholarship award winner, Alexander Schaefer (right)"



"Goodyear Scholarship Winner, Kathleen Angel, presented by Pete Buchanan of Goodyear (right)"

Membership Report

Akron had 4 new members join in May.
Our membership number is at 320.

Membership chair, Reza Sadeghi

New Members - Say "hello and thanks for joining" if you know the following:

James Barnhouse, Eaton Corp.
Yannan Duan, University of Akron
Brandi Frey, Jerico Plastic Ind.
Hua Liu, University of Akron

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Jim Williamson, Eastern Regional Sales Manager
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Akron Polymer Training Center



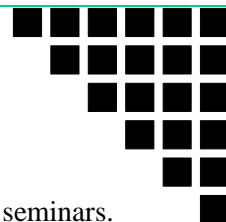
The Akron Polymer Training Center is committed to provide quality training courses for the plastics and rubber industries. Our classes are taught by University of Akron faculty and industry professionals. Visit our website at www2.uakron.edu/aptc for a complete list of our current course offerings.

Customized Development and Delivery

The Akron Polymer Training Center also specializes in customized training developed specifically for your employees. Depending on your company's particular needs, our courses can be taught on site at your location, or at our state-of-the-art facility on the campus of The University of Akron. Our programs are designed to enhance on-the-job effectiveness for all professionals working in the polymer field. If you are experiencing difficulty with polymer-related design or processing problems, contact us. Our reliable and dedicated staff will work with your team to develop a training strategy guaranteed to produce results. Contact Tayba Tahir by phone at **330.972.8661** or email Tayba at tahir@uakron.edu. If you don't see what you need, no problem! We have the resources to solve even the most vexing polymer processing and design issues.



Councilor's Corner



Highlights:

Attendance in Orlando at ANTEC was 1545. A total of 88 registrants attended 10 Society seminars.

Incoming President Ken Braney's SPE mantra is: "**Global Growth.**" The full text of his speech is available on the SPE Council extranet site. See link below:

[http://extranet.4spe.org/council/index.php?dir=2009-10%20Term/2010.05%20Council%20\(Orlando\)/](http://extranet.4spe.org/council/index.php?dir=2009-10%20Term/2010.05%20Council%20(Orlando)/)

Bylaws & Policies

Council approved the following previously read and published Bylaw and Policy changes: 7.3.2 pertaining to the number of nominations; 14.7.11 pertaining to the SPE European Board.

Council approved changes to Bylaws 6.2.4 pertaining to Council Membership and 6.2.5 pertaining to Proxies. Since this was a first reading, these changes will be published in *Plastics Engineering* and read again at the next Council meeting for final approval.

General Financial Condition

SPE has run a modest positive balance for the first three months of 2010.

Overall Membership

Overall membership at the end of April is 14,700. Strong recruitment campaigns launched in the fourth quarter of 2009, as well as email acquisition campaigns in the first quarter of 2010, have generated 750 new members for the Society through April. Recruitment efforts to "outside" lists remain a serious challenge. Renewals continue to run on par with last year.

Firelands Section

Has filed with National for Provisional Status due to lack of involvement in their local board. Their request was approved. The Akron section will try to reach out to their members to involve them in the Akron Section Board and Technical Programs.

Plastics Engineering Website

Wiley and Sons, Inc., SPE's publishing partner for *Plastics Engineering* magazine, has introduced a new website for the publication: www.plasticsengineering.org. Fully integrated with www.4spe.org, the Wiley site is a showcase for the more "commercial" content developed by both organizations, including new pages for items such as the Online Technical Library and the Consultants Circle.

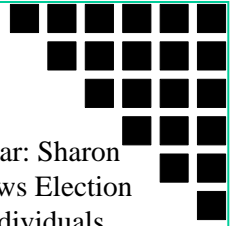
SPE Foundation Update

Gail Bristol, Managing Director of the SPE Foundation, reported that the Foundation investment balance was \$1,621,000 as of the end of March 2010. She indicated that the Foundation scholarship program deadline was extended to February 15, and the selection of recipients was still in process; the Plastics Pioneers Association recently renewed their PlastiVan™ grant program through the Foundation; and the Thermoforming Division had reinstated their Equipment Grant program for educational institutions.

(continued)



Councilor's Corner (cont.)



Awards

The Honored Service Member Election Committee elected six individuals for HSM this year: Sharon Ehr, Jim Griffing, Hoa Pham, Natarajan Ramesh, Sharyl Reid and Tim Womer. The Fellows Election Committee elected three members: Bob Malloy, Ray Pearson and Hung-Jue Sue. These individuals were honored at the SPE Celebrates! Banquet on Sunday evening at ANTEC.

The Annual Awards Committee selected three individuals to receive SPE's highest awards: International Award – L. James Lee (Ohio State University); Research/Engineering Technology Award – Murali Rajagopalan (Acushnet/Titleist); and **Education Award – Akron Section board member, Sadhan Jana (University of Akron)**. They were honored at the SPE Celebrates! Banquet on Sunday evening at ANTEC.

Twenty-eight Sections/Divisions received Pinnacle Awards at the Leadership Awards Luncheon at ANTEC on Sunday, May 16. **The Akron Section received a Gold Pinnacle Award.** Two Sections and six Divisions received the new Communications Excellence Awards at the same luncheon.

Recognitions

Outgoing President Paul Andersen thanked his Executive Committee for their hard work. Incoming President Ken Braney introduced his Executive Committee. New Executive Committee Vice Presidents are: Bill Arendt, Raed Al-Zu'bi and Olivier Crave. Vijay Boolani and Lance Neward have agreed to serve as Ad-Hoc members of the Executive Committee. Brian Grady is the 2010–11 Secretary and Scott Owens is the 2010–11 Treasurer.

NEXT COUNCIL MEETING

The next meeting of the Council is scheduled for September 25, 2010, in Southbury, Connecticut, USA

Respectfully submitted,

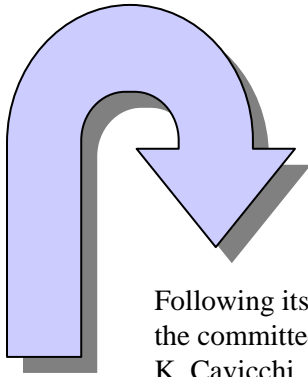
Joe Mattingly
Akron Section Councilor

The Akron Section is in need of New Board Members as this year continues. Please consider becoming a Board Member to help support your Section. Contact anyone currently on the board (see page 14) if you are interested.

Thank You!



New Directions Initiative



An initiative has been undertaken to develop a set of new directions for the SPE Akron Section with the objectives of revitalization and operational efficiency. Elements to be addressed include technical program focus, section functioning, member involvements, inter-society interactions, meeting venues and liaisons with our local educational institutions.

Following its authorization by the Board of Directors at their June 2009 meeting, the committee comprising R. Sadeghi, S. Jana, V. Malpass, K. Malpass, K. Cavicchi, M. Holtman and L. Goettler (chair) has met to generate program concepts for the upcoming year around developing technologies of local interest that involve both R&D and commercialization and are of general societal interest. Thrust areas have been identified as energy, biomaterials, medical/health applications of polymers and environmental concerns. Some program subjects being considered are medical plastic applications, e.g. implants, fuel cells, applications of nanofibers, biopolymers, alternate energy sources, water purification e.g. via desalination, photovoltaics, flexible displays, and the general process of technology transfer from lab to marketplace.

Please input your preferences and other ideas to us via the SPE website to insure that our programs are meeting your needs and interests.

Lloyd Goettler

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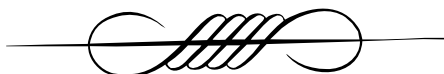
Programs for 2009 / 2010

Sept. 21	New Technology in Polymer Testing Alpha Technologies, H. Pawlowski <i>-- Pizza/Pasta buffet at Alpha</i>	Jan. 18	Water Purification via Reverse Osmosis, Siemens Water, R. Stumm -- <i>Tangier Rest.</i>
Oct. 19	Biopolymers: PLA Property Improvement PolyOne Corp., R. Avakian <i>-- Martin Center</i>	Feb. 15	Recent Developments in Organic Photovoltaics, Polymer Engineering Dept., U of Akron, Prof. A. Karim <i>-- Martin Center</i>
Nov. 16	Recent Medical Applications for Plastics, PolyOne Corp., L. Johnson PMC Smart Solutions, P. Cashen CleveX, Inc., C. Haavista <i>-- Martin Center</i>	Mar. 15	Coal and Coal Gas Fuel Cell Technology, Chemical Engineering Dept., U of Akron, Prof. S. Chuang <i>-- Martin Center</i>
Dec. 14	Holiday Gathering and Presentation Alternative Sources of Electric Power Generation, First Energy Corp., T. McDonnell and D. Plusquellic <i>-- Sheraton Suites, Cuyahoga Falls</i>	Apr. 19	Technology Commercialization, Bright Idea Shops LLC, A. Robbins <i>-- Martin Center</i>
		May 10	Awards Night <i>-- Raintree CC</i>

2009 meetings are joint with Cleveland Section, all on Mondays at 5.30 pm unless otherwise stated.

Akron Section SPE Past Presidents

*52 years of
excellence*



1959-1960	Donald F. Siddall	1985-1986	Gene Buser
1960-1961	Milan Krajcik	1986-1987	Harry J. Barth
1961-1962	Foster J. Young	1987-1988	Judith A. Fallon
1962-1963	Dickson L. Stoker, III	1988-1989	William E. Tosko
1963-1964	Edward L. Hillier	1989-1990	Robert C. Wegelin
1964-1965	John R. Russell	1990-1991	Geraldine R. Stromquist
1965-1966	John R. Russell	1991-1992	Spencer Kreiser
1966-1967	Clyde H. Jones	1992-1993	Robert C. Wegelin
1967-1968	Alan Corry, Jr.	1993-1994	Anthony F. Dean, Jr.
1968-1969	Bernard M. Saffian	1994-1995	Wayne Decamp
1969-1970	Harold R. Schick	1995-1996	Melanie Stewart
1970-1971	Robert G. Hills	1996-1997	Kevin Hershfield
1971-1972	John J. Satterfield	1997-1998	David Schultz
1972-1973	Alexis M. Gross	1998-1999	John Raab
1973-1974	Francis J. Maurer	1999-2000	Gary Taylor
1974-1975	Leverett A. Anderson, Jr.	2000-2001	Kevin Malpass
1975-1976	Robert M. Hershey	2001-2002	Kenneth L. Sharp
1976-1977	Richard L. Fleshman	2002-2003	Joseph E. Pfeiffer
1977-1978	David Curtis	2003-2004	Robert C. Wegelin
1978-1979	John A. Zelek, Jr.	2004-2005	Joseph Mattingly
1979-1980	Gerald W. Whitnable	2005-2006	Lloyd A. Goettler
1980-1981	Kathleen N. Bechter	2006-2007	John Woodside
1981-1982	Victor E. Giuffrida	2007-2008	Vivian Malpass
1982-1983	James Steiner	2008-2009	Joseph Mattingly
1983-1984	Robert G. Hills	2009-2010	David A. Katz
1984-1985	Anthony F. Dean, Jr.	2010-2011	Lloyd A. Goettler



Minutes of Board Meeting – June 7, 2010

Call to Order: 5:30 PM at Papa Joe's.

Present: Vivian Malpass, Lloyd Goettler, Tony Dean, Mark Holtman, Kevin Malpass, Dave Schultz, Reza Sadeghi, Joe Mattingly, Gary Taylor and Andrew Shinko

Absent: Dave Katz, Chaitanya Pratiwada, Steve Pastor, Bob Wegelin, Sadhan Jana and Kevin Cavicchi

Notes:

- In Dave Katz's absence, Lloyd Goettler ran meeting
- New PESO Chair attending - Andrew Shinko - Welcome
- Special Thank You to Tony Dean this year was made by Lloyd Goettler-on all of his extra help in the Communications area and helping with Secretary duties as well!!!

Year 2010-11

New format-Due to limited time, BOD meeting prior to Section Meeting for critical issues only, we are requesting that all Officers and Committee Chair forward reports early to Secretary and President for review prior to BOD.

Additions considered to Agenda: P.O Box situation and Akron Polymer Lecture Group involvement with SPE Akron

Secretary: David Schultz

- Minutes were reviewed and accepted.
- Plans to remain Secretary for 2010-11.

President: David Katz - absent – no report.

President-Elect: Lloyd Goettler

Lloyd welcomed all (for David Katz) and congratulated on a year well done!!

He also noted it is critical that we get a President-Elect.

- Lloyd Goettler opened up with suggestion that we consider for this new year a paradigm shift that will help us to be more thrifty tagged on with concerns of declining membership, meeting attendance and finances.

Some suggestions were:

- 1) Reduce operating costs.
- 2) Reduce number of meetings held in a year.
- 3) Have more appealing presentations at meeting.
- 4) Have combined meetings with other technical societies.
- 5) Lloyd informed that he has begun planning program for 2010/2011 year.

He will try to get speakers with more name recognition.

Noted that we should now have BOD prior to meeting set for 5PM with cocktails for attendees to Section Meeting at 5:30 PM and start at 6:00PM.

BOD - First Meeting on Sept 7 at 5:30 PM at U of A



Minutes of Board Meeting – June 7 (cont.)

Past President: Joe Mattingly

- Travel for ANTEC is critical for networking and double meeting past and new year involved, very frugal year 2009-10 as attended two Council meetings on line and plans to be very frugal with expenses for future
- Firelands Section filed for Provisional member status- Plans in place -Membership Chair to contact all members and Section will invite to Akron and contact Firelands BOD for review.
- Medical Plastics interest in TOPCON for 2011 or 2012- Viv to contact Len Czuba.
- SPE Task Force- Intl level Joe Mattingly expressed interest.
- Proposal of alternative operations model going forward.
- ANTEC for 2011 in Boston.
- ANTEC/NPE set for Orlando- 2 years.
- Plans to remain Councilor for full 3 year term 2009-2012.

Director: Lloyd Goettler - No report.

Treasurer: Gary Taylor - :

- Gary Taylor provided commentary - pertinent points were:
 - 1) Section is not in good shape financially.
 - 2) TPE TOPCON 2010 success is very important to the future of the section.
 - 3) Gary asks that the board adopt very prudent spending practices going forward.
 - 5) Gary reports rebate check has been received.
 - 6) Plans to remain Treasurer for 2010-11

Councilor: Joe Mattingly - No report.

Hall of Honor: David Katz - No report.

Polymer Ambassador Program: Vivian Malpass - No report.

Newsletter: Tony Dean

- June newsletter published.
- No newsletter planned until Sep 2010.
- Tony plans to continue in the Communications role for 2010-11- Newsletter, Advertising and Website.

Program: Lloyd Goettler

- Lloyd has set up a proposed schedule for Year 2010-11 continuing to emphasize New Technology. BOD agreed that program needs to include basics Extrusion, Equipment as well.
- Joe Mattingly to make contact with extrusion company.
- Kevin Malpass to contact Diebold.
- Viv to look into possible speaker on large scale composites and Little Tikes.
- Lloyd to contact Gary Casterline relative to joint meetings.

Newsletter Advertising: Tony Dean

- Dover Chemical still owes \$300. Tony Dean checking status.
- Plan efforts to get new advertisers - developing new strategy for 2010-11.



Minutes of Board Meeting – June 7 (cont.)

Membership: Reza Sadeghi

- Reza reported the number of active members as of 6/7/10 is 320.
- Reza will review Akron Section membership for Div status report to Lloyd for profiling.
- Four new members!!
- Reza will continue Membership 2010-11.

Website/Public Interest: Tony Dean

- Tony Dean reported that website has been updated with the latest announcements and photographs.
- Due to current section financial conditions, the website renewal effort is placed on hold until further notice- plans to work with new PESO Chair for students to aid our efforts.

Student Chapter: Andrew Shinko/ Chaitanya Pratiwada

- Review done of ANTEC and need for funds.
- Andrew to carry out an indepth review of expenses for Orlando.

Education Committee: Kevin Cavicchi - No report.

Education Foundation: Bob Wegelin - **Lloyd for Bob Wegelin**

- Kevin Malpass has suggested that we renew efforts once again to obtain a full sponsor of Scholarship - *i.e.*, Goodyear.
- Bob Wegelin will remain Chair for 2010-11.

House: Mark Holtman

- It has been suggested that we need to continue to try different venues for meals with meetings, *i.e.*, China Buffet, Tangier, Papa Joe's along with Martin Ctr.
- Mark will remain Chair for 2010-11.

2010 TPE TOPCON: Viv Malpass

- 14 Papers submitted, with plans expecting 14 additional papers to give 28 Papers for Conf.
- TOPCON Committee will meet on August 4 to continue working on conference.
- The Plenary Speaker- set for Wednesday will be Dr. John Andries- Teknor Apex.
- NASA will have a luncheon speaker Tuesday.
- Everything appears to be on schedule.
- Need sponsors for Wine and Cheese, Lunch and Coffee Breaks plus Exhibitors - Review done by BOD prior to Meeting on local companies of interest- separate e-mail to be sent copy to Kevin Malpass.

Pinnacle Award: Lloyd Goettler

Akron Section received at ANTEC-Orlando!!

Awards Night:

- Dave Katz not present. Kevin Cavicchi acted as Master of Ceremonies.
- Awards Night. went well with attendees, location and food - need to consider awards for education in another venue or tied with other meeting for future.
- Kevin informed that he plans to handle scholarships and essay the same but would like to explore options for Science Fair Awards.
- Review on Hall of Honor - Flat screens - Mark Holtman will finalize the installation in plexiglas cabinets and aluminum letters on wall - with Sarah Thorley.



Minutes of Board Meeting – June 7 (cont.)

ACCESS:

- Lloyd confirmed Joe Mattingly and David Schultz as representatives to ACCESS.

Old Business:

- D and O Insurance- tabled til Sept.

New Business:

- P.O Box- Lloyd requesting David Katz to forward key and Mark Holtman to request key from Kevin Cavvichi so will be able to check PO Box weekly.

Closing Comments: Meeting was adjourned at 8:30 pm. The next meeting of the Akron SPE Board of Directors Tuesday, Sept 7-University of Akron-PEAC at 5:30 pm.



PolymerOhio Internships

The Third Frontier Internship Program links Ohio students with rewarding internship opportunities that provide hands-on experience within Ohio's private-sector business community. The goal is to build a young talented workforce for the future and assist students in gaining valuable work experience that can lead to permanent full-time employment in Ohio after graduation.

The program will reimburse 50% of each intern's wage up to \$3000 for a 12 month period.

Following an intern's graduation, your firm will have the opportunity to offer full-time employment to an individual who is well prepared for a future career with your organization.

Internships may be full-time or part-time at anytime during the year.

The Internship Program is looking for participating businesses that can provide one or more of the following types of internships:

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*Advanced materials
Instruments, controls and electronics*

*Bioscience
Power and propulsion*

For more information please go to www.polymerohio.org. Roll your mouse over to "careers" in the top menu line to reach the link to the Polymer Ohio Internship Program page. If you are a company or a student, follow the procedures to register at www.ohio3fip.com.

For more information or assistance, call Rich Markham at 614-477-1133 or write to rmarkham@polymerohio.org.



Akron Section Board of Directors

David Katz President	330-310-0156 T katzjeep@yahoo.com
Lloyd Goettler <i>Retired</i> President/Chair-elect	330-666-5180 T goet30@aol.com
Dave Schultz <i>Harwick Standard Dist. Corp.</i> Secretary	330-798-6535 T 330-798-9328 F schultzd@harwickstandard.com
Gary Taylor <i>Myers-Wadsworth</i> Treasurer	330-336-6621 T 330-334-7100 F gtaylor@po.akro-mils.com
Joe Mattingly Past-President, Councilor, Akron SPE Website Renewal	330-962 5299 T jsmatting@aol.com
Vivian Malpass <i>Tek-Mark International</i> Prior Past-President, Conf., TOPCON 2010	330-342-1120 T 330-342-1134 F vivian.malpass@tek-mark.com
Chaitanya Pratiwada <i>Student - U Akron Polymer Engineering</i> Student Chapter President	330-780-6415 T 330-258-2339 F chaitanya.pv@gmail.com
Bob Wegelin <i>Retired</i> Director, Education Foundation	330-414-1498 T robert.wegelin@sbcglobal.net
Kevin Malpass <i>Diebold, Inc.</i> Director	330-490-4743 T 330-490-4788 F kevin.malpass@diebold.com
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Technical Assistance Initiated On Akron SPE Web Site

Do you have a technical question on plastics, polymers, rubbers, etc. Our web site now has a place where you can detail your question and the Akron SPE Board will use their collective knowledge and resources to answer your questions. Check it out at www.akronspe.org. If you post a question we will post it in the following newsletter along with the answer.



Akron Section Society of Plastics Engineers Educational Foundation



1-10

The Akron Society of Plastics Engineers Educational Foundation operates exclusively for the benefit of and to carry out the purposes of the Akron Section of the Society of Plastics Engineers, which is to promote scientific and engineering knowledge relating to plastics by making educational scholarship grants to deserving students in the field of plastics engineering and related subjects. The Organization is supported primarily by contributions from the Akron Society of Plastics Engineers, the Society's individual members and corporations like yours affiliated with the polymer industry.

Since the inception in 1988, the Akron Society of Plastics Engineers Educational Foundation has grown to its current position through the hard work of many volunteers and the generosity of the local business community. Over the twelve years that the foundation has been in existence, it has provided scholarships to over 210 young men and women totaling in excess of \$275,000 to assist them in furthering their careers in the polymer industry.

Our goal is to continue to grow the assets of the Foundation in order to increase the number of scholarships awarded, as well as the size of the awards, and to do so in perpetuity. In doing this, we hope to be able to contribute to the supply of well-trained individuals to support the growth of the polymer industry in the Northeast Ohio area today and well into the future.

When the Foundation began its fund raising activities in 1988, we offered those companies who contributed \$30,000 a scholarship in their name. To date we have five named scholarships, *Newell/Rubbermaid*, *Goodyear*, *Omnova*, *Ken Sharp Memorial* and *Jim Steiner Memorial* scholarships. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please print this page, fill out the information and mail it to Bob Wegelin, 13206 Kaufman Ave. NW Hartville, OH 44632.

Akron SPE Scholarship Donation Commitment

\$30,000 lump sum. _____

\$10,000/yr. next 3yrs.

\$5,000/yr. next 6 yrs.

Other: _____

Company name: _____

Contact person: _____

Ph. # or email: _____

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your donation at our Awards Night, which is scheduled in May.

We are looking forward to your support of this very worthwhile cause by your fine company. Please contact me at (330) 414-1498 with any questions. Thank you for your consideration.

Sincerely,
Bob Wegelin, Chairman
Akron Section Society of Plastics Engineers, Educational Foundation



SPE MEMBER BENEFITS GUIDE



FREE TO MEMBERS

	BENEFIT	DESCRIPTION	WEBSITE LINK
NETWORKING	Business Networking Resources	Connect to industry experts	www.4spe.org/cc
	Local Section Affiliation	Network with members locally in over 75 countries	www.4spe.org/communities/sections
	Online Membership Directory	Unlimited access provides the link to fellow members	www.4spe.org/membercenter
	Technical Affiliation	24 Divisions represent major industry specialties	www.4spe.org/communities/divisions
MEDIA	Newsletters	News & events about specific local & technical affiliations	www.4spe.org/communities/newsletters
	<i>Plastics Engineering (PE)</i>	The official monthly publication of SPE	www.4spe.org/pub
	SPE Online	Your 24/7 source for Society information	www.4spe.org
	Tech Focus	Monthly electronic newsletter offering society & industry news	www.4spe.org/membercenter
TECHNICAL	Online Technical Library	Searchable database of technical articles & conference papers	www.4spe.org/membercenter
	Message Forums	Online question & answer forum	www.askpip.com
	Special Interest Groups	Emerging areas not currently covered by technical Divisions	www.4spe.org/communities/divisions/#sig
	SPE Journals	Read abstracts from our three technical journals	www.4spe.org/pub/journal
CAREER	American Management Association	Through a partner alliance, access AMA's educational resources	www.4spe.org/membercenter
	Awards	Outstanding contributions recognized	www.4spe.org/awards
	Leadership Development	The opportunity to improve professionally & personally	www.4spe.org/communities/leadership
	Online Career Development	Career enrichment, job openings & resume database	www.4spe.org/membercenter
	Professional Recognition	Distinguished grades of membership recognize accomplishments	www.4spe.org/membercenter
	Scholarships & Grants	Awarded by The SPE Foundation	www.4spe.org/foundation
	Student Benefits	Over 100 Student Chapters in nine countries	www.4spe.org/membercenter
	Unemployment Services	Benefits for the unemployed member	www.4spe.org/membercenter

SAVINGS TO MEMBERS

	BENEFIT	DESCRIPTION	WEBSITE LINK
TRAINING	ANTEC	Largest annual technical conference in the industry	www.antec.ws
	Career Coaching	For-a-fee services for career enhancement	www.4careersolutions.org
	e-Learning Center	Online self-paced courses, live & archived presentations	www.4spe.org/elearning
	In-plant Training	Seminar instruction at member's company	www.4spe.org/training/seminars
	Seminars	Expert instruction on current plastics topics	www.4spe.org/training/seminars
	Technical Journals	Subscribe to peer-reviewed articles. Available online and in print	www.4spe.org/pub
	Topical Conferences	Targeted at specific technical & management disciplines	www.4spe.org/conf
	Training Products	Developed by SPE & other leading providers. Some Spanish titles	www.4spe.org/training/products
	OTHER	Career Transition Services	Outplacement program offered to member's company
Group Health Insurance		Health, disability & life insurance at attractive group rates	www.4spe.org/membercenter
Online Job Posting		A source for companies to find qualified staff	www.4careersolutions.org
SPE BookStore		Discounts on 250+ reference books & training products	www.4spe.org/training/products
SPE/MBNA Credit Card		SPE Platinum Plus Mastercard® (US & Canada only)	www.4spe.org/membercenter

WEBSITE LINKS SUBJECT TO CHANGE - CHECK WWW.4SPE.ORG FOR FULL BENEFITS

Akron Section Society of Plastics Engineers
Tony Dean, Advertising Manager
330-929-9916

Insertion Order 2010-11

Polymer Valley News: Akron Section SPE Newsletter
Delivered via email, stored at <http://www.akronspe.org/newsletter.htm>

Please check ad size wanted. One column is 3-7/8" wide.

This is the 51st year of the Akron SPE Section and rates are for entire season, September 2010 – Summer 2011. **Payable in Advance. Please let me know if you need an invoice.**

Ad format must be electronic (but we can scan your original artwork). File size should be limited based on the size of the ad ordered. Oversized ads will be charged an additional fee. Acceptable formats are .bmp, .pcx, .jpg, .tif, .gif, or MS PowerPoint or Word (if you have any issues with format, please email us and we can provide assistance). **Color is Free! Color helps your ad stand out!**

Email artwork and this Insertion Order (completed) as an attachment to francis@neo.rr.com

If you don't include your email address, we have no way of sending you each issue!

(please X)	Ad Size	Dimensions	Price for year
	Business Card	One column by 2" high	\$200
	Double	One column, 2 to 4" high	\$300
	Triple	One column, 4 to 6" high	\$400
	Half Page	One column, 10" high	\$500
	Half Page	Page width (7.5"), 5" high	\$500
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The cost on a per issue basis will be calculated by dividing the "Year" price by 10

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Akron Section SPE
c/o Tony Dean
Akron SPE
P.O. Box 1417
Akron, OH 44309



Society of Plastics Engineers Membership Application

P.O. Box 403, Brookfield, CT 06804-0403 USA
Tel: +1 203-740-5403 Fax: +1 203-775-8490
www.4spe.org

European Member Bureau
Eric Sasselaan 51, BE-2020 Antwerpen, BELGIUM
Tel: 32 (0)3 541 7755 Fax: 32 (0)3 541 8425 www.speeurope.org

Applicant Information

Name:
first _____ last _____ mi _____

Company Name and Business Address (or College):
company/college: _____
job title: _____
address: _____
address: _____
city: _____ state: _____
zip: _____ country: _____

Phone/Fax Format: USA & Canada: (xxx) xxx-xxxx All Others: +xx(xx) x xxx xxxx

Work Phone: _____ **Fax:** _____

Email: *used for society business only* _____

Home Address:
address: _____
city: _____ state: _____
zip: _____ country: _____

Home Phone: _____

() Preferred Mailing Address: Home Business

Gender: Male Female

Birth Date: (mm/dd/yyyy) _____

Demographics

Job Function (choose only one)

Consulting Purchasing
 Design Quality Control
 Education (Faculty) R & D
 Engineer Retired
 General Management Self-Employed
 Manufacturing Student
 Marketing/Sales Tech Support
 Other

Materials (choose all that apply)

Composites Polyolefins
 Film Polystyrene
 General Interest TPEs
 Nylon Thermoset
 PET Vinyls
 Foam/Thermoplastics No Interest

Process (choose all that apply)

Blow Molding Injection Molding
 Compression Mold Making
 Compounding Product Design
 Engineering Properties Rotational Molding
 Extrusion Thermoforming
 Fabrication General Interest
 Foam No Interest

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US	\$10.00	\$20.00											
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No Purchase Orders Accepted

Checks must be drawn on US or Canadian banks in US or Canadian funds.

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SPE membership is valid for twelve months from the month your application is processed.
*extra savings. **European membership dues include a program fee to support SPE's activities in Europe.

By signing below I agree to be governed by the Constitution and Bylaws of the Society and to promote the objectives of the Society. I certify that the statements made in the application are correct and I authorize SPE and its affiliates to use my phone, fax, address and email to contact me.

signature _____ date _____

recommended by member (optional) _____ Id # _____

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