

Polymer Valley News

The Newsletter of the Akron Section of the Society of Plastics Engineers
Our 46th Year of Education and Service to the Plastics Industry

Newsletter Contents

Meeting Announcement	1
Meeting Schedule, Cost	1
President's Message	2
Meeting Location Map	3
STAR Award	3
Speaker Biography	4
Golf News	4
Membership Report, 03/05	5
Advertiser Index	6
Akron SPE Past Presidents	6
Programs for 2004/2005	7
Minutes of 04/04 Board Mtg.	8
Meeting Questionnaire	10
Student Chapter News	11
Akron Section Board Members	12
SPE International Contacts	12
SPE Educational Foundation	13
Insertion Order form – 2004/05	14
SPE Membership Application	15

Costs, Schedules, Reservations

Member	\$30.00
Member and Guest	\$55.00
Retiree	\$25.00
Student	\$15.00

Registration and Social	5:30 p.m.
Dinner	6:15 p.m.
Auction	7:00 p.m.

Call Cathy Herrin before noon,
May 9 and specify any dietary
restrictions.

(330) 849-5173 T; (330) 849-5589 F
cathy.herrin@santoprene.com

Awards Night

Monday, May 16, 2005

Guy's Party Centre

500 East Waterloo Road
Akron, Ohio 44319

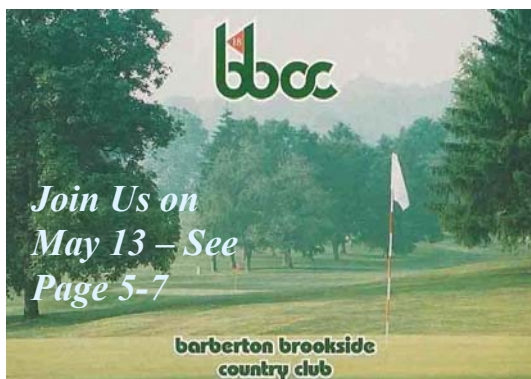


Our annual Awards Ceremony is our main Section meeting for May. At this ceremony we will recognize our many deserving scholarship and science fair winners, recognize national SPE awards that have been given to our Section and members, and award the Zekan memorial award to a deserving member.

This year our keynote speaker will be Gerry Faust, Former head football coach for Notre Dame and the University of Akron. In addition, a representative from SPE International will join us.

Our celebration will be at Guy's Party Centre, which is always a good time.

Please join us for the recognition of all of these worthy individuals. The food will be great and the price is right. It is a great way to wrap up our year!



- Next meeting – fall, 2005
- Board meeting May 9, 2005, 5:30 p.m. at - Americhem

Coming Up:

May, 2005, Page 1



President's Message

Greetings!

The past several months have made me realize how important it is for our members to participate in our monthly and annual events. Did you know the Akron Section of SPE is now over 425 members strong? We have a terrific board with many individual members participating in the leadership of our Section for decades. The experience and guidance of these individuals as mentors of the group is outstanding.

I want to personally thank the entire board for their hard work during the past year and look forward to this year's Awards Banquet on May 16th at Guy's Party Centre. This is where all of us can show our appreciation for the hard work of the local leadership.

Please join us in presenting our educational scholarships to some deserving students, as well as recognizing some unsung heroes of our industry. Our guest speaker for the evening is none other than Gerry Faust.

Remember, our spring golf outing at Barberton Brookside Golf Club on May 13th. This is always a great social event, and an excellent opportunity to enjoy the pleasures of the outdoors while supporting your local Section.

See you at our next meeting!


*Joe Mattingly
President, Akron Section*



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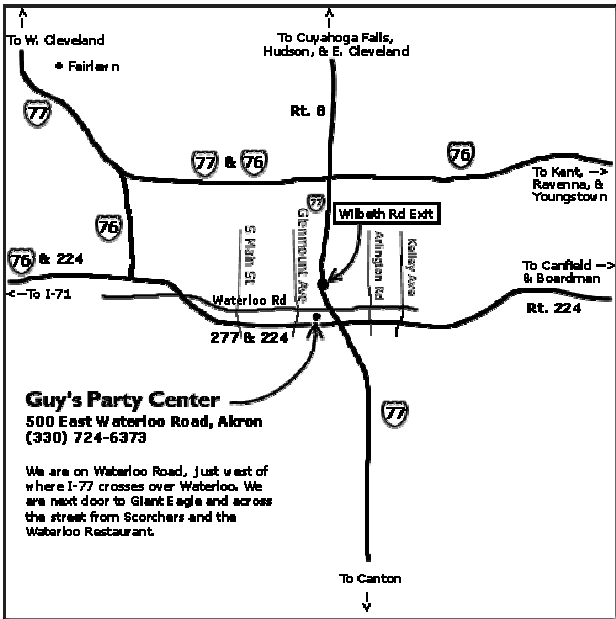


Map to Guy's Party Centre

500 East Waterloo Road
Akron, OH 44319
(330) 724-6373

Detailed directions from each direction are found at <http://guyspartycenter.com/>

You may zoom in



Your Akron Section wins the **STAR award for the fourth time in a row.**

Click here to see the write up for this prestigious award.

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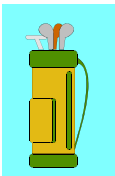


Biography of Gerry Faust

Gerry Faust compiled an amazing 174-17-2 record in 21 years (1960-1980) as football coach at Archbishop Moeller High School in Cincinnati, Ohio, after two years as an assistant coach at Chaminade High School in Dayton, his alma mater. Faust started the Moeller program in 1960 with all freshmen and guided this team to a 9-1 record in its first varsity season in 1963. During the next 18 years, Faust's teams won 12 Greater Catholic League championships, 10 city championships, eight regional titles and five state championships. Under Faust, Moeller recorded nine undefeated seasons and had a 53-game regular-season winning streak from 1972 to 1978. Faust won 72 of his final 73 games as a high school coach. His teams also were named mythical national champions four times by the news media. Faust coached 22 high school all-Americans and 39 all-Ohio players, and 265 of his players continued their careers at the college level. He was chosen Ohio coach of the year six times, league coach of the year 12 times and national high school coach of the year twice.

He has been inducted into the Chaminade High School Hall of Fame, the Moeller Hall of Fame (which is named in his honor), the Ohio High School Football Coaches Association Hall of Fame and the LaRosa's Hall of Fame.

In 1980, Faust moved to the collegiate ranks and became the 24th head football coach in the storied history of the University of Notre Dame. In five years at Notre Dame, Faust compiled a 30-26-1 record and led the Fighting Irish to two Bowl appearances. He became head coach at the University of Akron in December 1985 and was instrumental in moving the Akron program from Division I-AA to I-A and eventually into the Mid-American Conference in 1992. In nine years at Akron, Faust teams were 43-53-3 against many top Division I-A programs in an effort to establish the school as a top-flight Division I program. After leaving the coaching ranks in 1995, Faust addressed more than 120,000 high school students in four states on values, family, teamwork and school spirit. He authored two books: Notre Dame's Man in Motion, which is out of circulation, and The Golden Dream, now in its fifth printing. He also became a much-sought motivational speaker by large corporations throughout the United States.



40TH SPRING GOLF OUTING MAY 13, 2005 at BARBERTON BROOKSIDE COUNTRY CLUB



WOW! 40 YEARS OF PUTTING THE PLASTIC AND SMACKING THE SURLYN. COME ON OUT AND HELP US CELEBRATE OUR 40TH GOLF OUTING. THERE'S GREAT FOOD, FUN, PRIZES AND A SPECIAL MOMENTO.

INVITE A FRIEND, BRING A CUSTOMER OR BRING YOUR SPOUSE FOR A RELAXING DAY.

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TO DONATE OR FOR MORE INFORMATION CALL: Cathy Herrin at 330-849-5173
SEND PRIZES TO 388 S. MAIN ST., AKRON, OH 44311, ATT: DAVID KATZ

SEE YOU ON THE 13TH

Spring Golf Committee:

Bob Wegelin – Chair
Bud Seymour

David Katz
Cam Fraser



Membership Report – Mar., 2005

Current total is **429** members!
5 New members! They will be sent welcome emails.
Three members transferred to other sections and one in.
20 members renewed!

Thanks for all of the activity

Membership News from National

- Total membership for March, 2005 is 20,699.
- Ahead of last year by 733 members.
- **A.I.M.** has best response rate of 20%.
- For tracking and encouraging new members, go to www.4spe.org/communities/ld/aim.php.
- National is looking for ideas to grow membership. South Florida section is coordinating a refer-a-member program and the South Texas section with the Thermoplastics Materials and Foams Division signed up 69 new members through the Polyolefins conference.
- The SPE website has added a brand new member service. Once logged in, members will be able to review their current member profile, make edits, pay dues and access members-only services.
- 2005 early bird renewal notices are in the mail.

New Members

Say “hello and thanks for joining” if you know the following people.

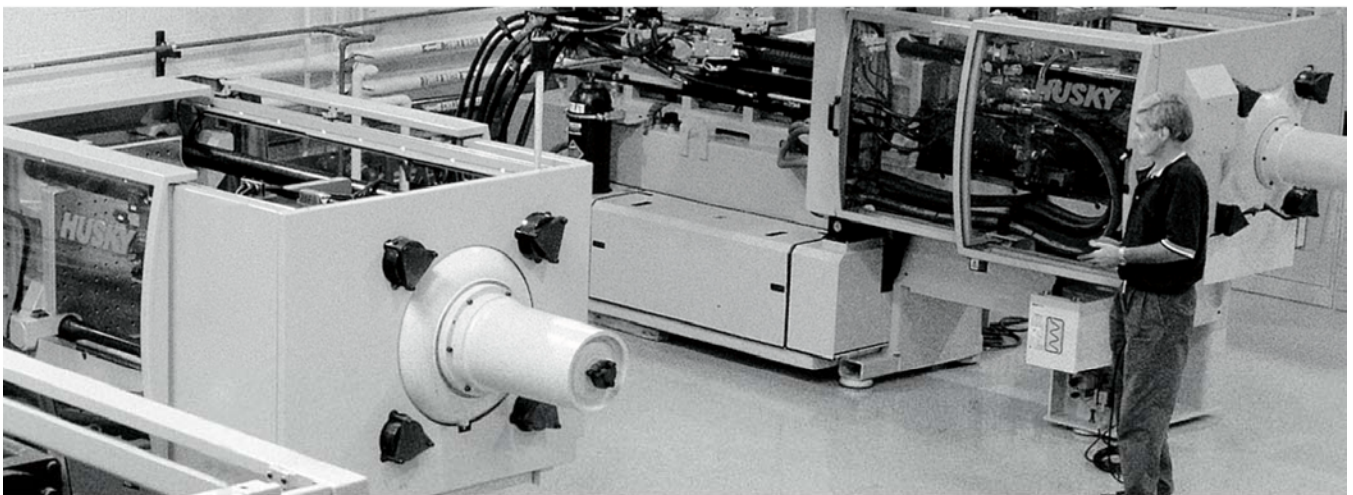
- **Guillermo Alfonso Jimenez**, University of Akron, Student
- **Keehae Kwon**, University of Akron, Student
- **Nishant S. Negandhi**, Optec, Affiliate
- **Arthur J. Riegger**, Krauss-Maffei Corporation, Affiliate
- **Xiarong Wang**, Bridgestone / Firestone Research, Affiliate

Membership chair
Joe Pfeiffer

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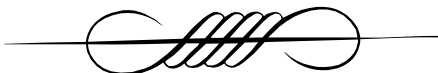
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Akron Section SPE Past Presidents

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



Programs for 2004 / 2005

Sept. 20	“Novel Impact Modification in a TPO System” Ferro Corp., Dr. Anna Andrews --Tangier Restaurant	Jan. 24	Nanocomposite program Featured speaker, Prof. Josh Wong , who is working in expanded graphite flake reinforcement for plastics -- University of Akron
Oct. 25	“The Changing Global Plastics Marketplace” Michael Day Enterprises Michael Day, President , lunch -- Tangier Restaurant	Feb. 21	Program by Berstorff
Nov. 15	Demag Plastics Group , tour of facility in Strongsville, OH -- Mapleside Farms	March 21	Lockheed Martin
Dec. 13	Social Program – still open -- Hower House, buffet	April 18	Vendor Night / Auction -- Martin Center
		May 16	Awards Banquet -- Guy’s Party Centre



The University of Akron

The University of Akron Institute of Polymer Engineering

Polymer Processing and Testing Services

Don't want to invest in expensive equipment at this time? Don't know what equipment is best? Only need the use of the equipment for a short period of time?

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UA's Institute of Polymer Engineering works with all types of clients in the polymer industry, large companies and small firms, well-established businesses and start-ups. Companies turn to the Institute for assistance because they do not have the capabilities (equipment or personnel) to conduct their own research and testing.

The Institute of Polymer Engineering has a wide variety of specialized equipment needed for polymer processing, characterization, analysis and testing. Some of that equipment is listed here below.

To further discuss your needs, please contact Dr Lloyd Goettler at (330) 972-7467 lgoett@uakron.edu or Cameron Fraser at (330) 972-6008 cfraser@uakron.edu

Analysis and Testing

- x-ray
- scanning electron microscopy
- atomic force microscopy
- optical microscopy
- laser microscopy
- TGA
- DSC
- FT-IR
- DMA
- APA
- stress strain testing
- rheology
- biaxial stretching

Polymer Processing

- single-screw extruding
- twin-screw extruding
- film casting
- film blowing
- fiber spinning
- injection molding
- compression molding
- vacuum molding
- blow molding
- compounding

Sample Preparation

- microtoming
- vacuum drying
- sputter coating
- particle size reducing



Minutes of Board Meeting – April 4, 2005

Call to Order: 5:30 p.m. at Americhem

Present: Viv Malpass, Tony Dean-Scribe, Lloyd Goettler, Cameron Fraser, Gary Taylor, Joe Mattingly, John Woodside, Johanna Baena and Antonio Carrillo for Zehra Kalkan, Bob Wegelin, Kevin Malpass, Joe Pfeiffer, Hemant Thakkar

Absent - Kathy Perevosnik, George Carroll, Bud Seymour, Jerry Robinson, Ernie Anderson, Amruth Puttarudraiah, Zehra Kalkan, Josh Wong, David Katz, David Schultz, Ron Miller

Thanks to Americhem for hosting.

Minutes: March minutes were approved. Corrections- Gerry Faust not Jerry, No information on PolySort contract.

Treasurer: Gary reports that the checkbook is in good shape.

Officers, 2005: Nothing noted.

Awards 2005 Update: Kathy has agreed to Chair and Bob Wegelin and Joe Pfeiffer will help. Need others to help, too!! Need to know what other items need to be done. See e-mail dated April 7th - Kathy for request for Guests. Cameron Fraser has confirmed Gerry Faust as Speaker, Len Czuba - incoming International President will also speak. Hall of Honor: This year one candidate ONLY--- suggestion made to drop Hall of Honor- need to get pictures hung at Uof A- Polymer Science Building- Joe to expedite. Board Members are being asked to forward candidates for Hall of Honor and Zekan to Joe Pfeiffer.

Student Chapter: Johanna reported that Jillians and Bowling Night took place during March.-- ANTEC- Boston 2005-Budget was presented for 16 students attending presenting 20 papers- Univ. of Akron assisting with monies but still have a \$3,000 short fall. The Board made a motion and was accepted to provide up to \$3,000 for expenses with remainder to be returned. Check given to Antonio. Univ. of Akron Reception will take place in Boston!! BOARD Members are Welcome and encouraged to attend PESO activities!

Newsletter: If you have anything for newsletter be sure to forward to Joe Pfeiffer or Jenny Digiantonio by April 27. Presidents message, Councilors notes, program list, board list, last year's ads, and a NEW Consultant's Corner-Technical Articles, Technical advice -SUGGESTIONS are encouraged. It has been requested that Joe provide details how newsletter announcement goes out. Plan to add- Graduate Research Interests Section- D. Schultz needs rough draft back for finalizing.

Membership: Current membership 420 Members!! Joe will provide John Woodside- 2005/06 Program Planning Chair a list of our Members Divisions- to aid in planning programs.

Councilor's Report: Viv plans to attend both meetings of Council at ANTEC in Boston in May.--- PROMOTE AIM- Viv has stressed Akron BOARD Members- those ACTIVE in Leadership roles need to Promote AIM In addition alternate methods besides -word of mouth from the Leaders should be explored as well.

TPE TOPCON 2005: At present confirm 34-36 Papers, more update after April 6-Hilton 5:30 PM. Viv and Tony would like to have: Link- Akron Section direct to TPE TOPCON, trying to link hotel and Viv asked that Committee Members register on line.



Minutes of Board Meeting – April 4, 2005 (cont.)

Education Committee: IDEAS for Husky 2006 were noted as possible subjects to build a project around including: ACCESS new schools-PR, Local Business support of Scholarship- more PR, PR article- Beacon Journal, or Company of the Year Award re Past Presidents. Scholarship winners have been decided, Kathy sending letters and inviting winner and one guest-free. Kathy awaiting checks from Gary Taylor for Science Fair winners.

Education Foundation: Check status of all contributors including Gen Corp. Amruth Puttarudraiah and Ron Miller are new members. Kevin plans to bring on 5 new Sponsors. ACTION: Need format ideas as to how to inform Members of those companies that do contribute. Testimonial letters, Poster board, etc.

Website: Tony reported that Akron Section website is being modified to show up-to-date Calendar, Officers and Directors. Joe requested that Akron Section website prominently display TPE-TOPCON.

Advertising: Obtained a few new advertisers. All paid up through Summer issue. Need to start contacting in July for renewal.

Auction: Ron Miller reports that Darryl Jenkins-Auctioneer has been booked. Tony Dean will contact Tony Scheibelhofer- re magic tricks. Board Members have been requested to contact local companies for donations. Information to be included in website.

Program: Auction set for April 18 at Raintree CC. David Katz to confirmed Guys- May 16th- Awards Night. April 12 Meeting set for AES to discuss Program 2005/06. Akron Section WON STAR AWARD!! presentation at ANTEC and Awards Banquet.

House: No report.

Fall Golf: No Outing for 2005.

Spring Golf: Date set for May 13, 2005 at Barberton Brookside. Cleveland Section has expressed interest. Gary Taylor and Cameron Fraser will step in for Bob Wegelin-David Katz and or Bud Seymour will help .Bob has requested and received \$100 for Tees commemorating- 40th Anniversary and \$300 for Prizes.

Old Business:

- Viv to check with Intl. Re PESO re Student Chapter status.
- Lloyd Goettler would like to have Viv revisit Directors and Officers Insurance with Intl. It was decided that for TOPCON we did not need the additional Insurance.
- Suggest linking to speaker and tour companies on our website to increase attendance.
- Joe Mattingly officially requested each Board Member to contact and document 5 potential candidates to be an SPE Member---AIM PROGRAM- NEED sign ups before ANTEC!! Need new Board Members

New Business:

- Joint Society Meeting planned for April 28.
- Past Presidents Committee- Bob Wegelin confirmed that Akron Area SPE Company of the Year is the Project the Past Presidents will work on for 2006. Need to confirm Criteria. It is in process after meeting in late February .

Closing Comments: Adjourned . Next board meeting on May 9, 2005 at Americhem 5:30 p.m.



Akron SPE Section Meeting Questionnaire

1. What type of meetings would you like to attend (technical, tours, entertainment, special events [auctions, awards], etc.)? Or do you just prefer a mix as we presently do?
2. Our meeting frequency is monthly from October through May. Do you feel this frequency is good and, if not, how often should we meet? Also our meetings have been every 4th Monday evening of the month. Would a different day increase attendance?
3. Do you have a preferred location and, if so, where would that be? Or do you prefer a variety of venues?
4. Is the time after work from 5:30 to 8:00 p.m. convenient, or would you prefer having more luncheon meetings?
5. Any other comments on how we can increase attendance and make our meeting more attended?

Send responses back to jepfeiffer@santoprene.com. Thank you for your thoughts and ideas.



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SPE Student Chapter News

- The first Career Building Seminar of the spring semester was held April 20th. Michael Morley, who is a career specialist and assistant director of the Career Management Center, gave a presentation about how to write a resume and general information about interviews.
- As student chapter, we are all set for ANTEC. All the arrangements have been done and students guided to make their travel smooth.
- SPE International has evaluated our application for STRETCH award and informed us that our chapter is the winner.
- Budget preparation was completed for the next fiscal year.
- The preparations for the next social activity are in progress and will be announced to the board with details later. All the board members are welcome to our activities!

Zehra Kalkan



Akron Polymer Training Center

Provides training classes for plastic and rubber processors 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.

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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.



Akron Section Board of Directors

Joe Mattingly <i>Americhem</i> President	330-929-4213 x274 T 330-929-4144 F jmattingly@americhem.com
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Kevin Malpass <i>GE Polymerland</i> Educ. Found/Fall Golf	330-666-5226 T 330-666-5223 F kevin.malpass@ge.com
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Tony Dean <i>Ferro</i> Webmaster / Public Interest	216-750-6664 T 216-750-6915 F dean@ferro.com
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Jerry Robinson <i>Polymer Exchange, Inc.</i> Director	330-785-0111 T 330-785-1505 F jrobinson@polymerexchangeinc.com
John Woodside Director	440-238-3009 T 440-238-3009 T johnwoodside@ameritech.net
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Jenny Digiantonio <i>AES</i> Newsletter	330-849-5166 T 330-849-5589 F jldigi@santoprene.com

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Akron Section Society of Plastics Engineers, Inc.

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, Inc., 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 200 young men and women, totaling in excess of \$100,000 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 two named scholarships -- ***Newell/Rubbermaid*** and ***Goodyear***. We are asking your company to help with the growth of well-trained individuals in the local polymer industry. Please check below:

- \$30,000 lump sum \$10,000 / yr next 3 yrs. \$5,000 / yr next 6 yrs.
 other _____

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 will be scheduled in May.

I am looking forward to your support of this very worthwhile cause by your fine company. Please contact me at 216-573-7467 or e-mail at kevin.malpass@gepolymerland.com with any questions. Thank you for your consideration.

Sincerely,
Kevin Malpass, Chairman
Akron Section Society of Plastics Engineers, Education Foundation



Akron Section Society of Plastics Engineers

Kathy Perevosnik, Advertising Manager
330-849-5119

Insertion Order 2004-05

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.

Rates are for entire season, September 2004 – Summer 2005. **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 kaperevosnik@santoprene.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
	Hotlink to company website	N/A	\$75 / year

The cost on a per issue basis will be calculated by dividing the "Year" price by 10

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Name: _____

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Mail checks, payable to AKRON SECTION SPE, to:
Akron Section SPE
c/o Kathy Perevosnik
962 Morningstar Dr.
Akron, OH 44307



Society of Plastics Engineers

PO Box 403, Brookfield, CT 06804-0403 USA
Telephone: +1.203.740.5403 Fax: +1.203.775.8490
www.4spe.org

MEMBERSHIP APPLICATION

Applicant Information

Name:

 first last mi

Applicant Type:
 Member
 Student (must supply graduation date _____)

Job Title:

Company Name and Business Address (or College):
 company/college:

 address:

 address:

 city: state:

 zip: country:

Work Phone: () _____ **Fax:** () _____

Home Phone: () _____

Email: *used for society business only*

Home Address: *(please provide)*
 address:

 address:

 city: state:

 zip: country:

Preferred Mailing Address:
 Home Business

Job Function:
(choose only one)
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 Design (02)
 Education (08)
 General Management
 Library (10)
 Manufacturing (04)
 Marketing (07)
 Purchasing (06)
 Quality Control (05)
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Gender:
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cost for each Additional Division

	1 year	2 years
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Canada	\$9.00	\$18.00
Euros	€6.00	€12.00

TOTAL _____

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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.

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recommended by member (optional) _____ Id # _____