Polymer Valley News



The Newsletter of the Akron Section of the Society of Plastics Engineers Our 61st Year of Education and Service to the Plastics Industry

~ Next Session ~

Monday, April 8, 2019 5:30 p.m.

Magnet Presentation Hilton Inn 3180 West Market Street Akron, Ohio 44333



The speaker from MAGNET (Manufacturing Advocacy and Growth Network) will be Michael O'Donnell, VP of Operations.

He will speak on "How To Engage Your Workforce To Grow Your Business With Client Case Studies".



Meeting Information

Member and/or guest Retired Student New Member - first me	eeting	\$25 \$20 \$5 Free	
Social / Networking / E Dinner Program		5:30 p.m. 6:00 p.m. wing dinner	
Reservations must be in by noon on Fri., April 5 and can be made to Gary Taylor at 330-419-4380 or			

akronspe1@gmail.com Be sure to include your company affiliation and dietary restrictions.

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Directions to Meeting

Hilton Inn, 3150 West Market Street, Akron, Ohio 44333

From Cleveland Hopkins Airport

Take 480 East to I-77 South. Exit at #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The DoubleTree is at West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.

Driving South on I-77

Exit at #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The DoubleTree is at West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.

Driving North on I-77 (From Akron/Canton Airport)

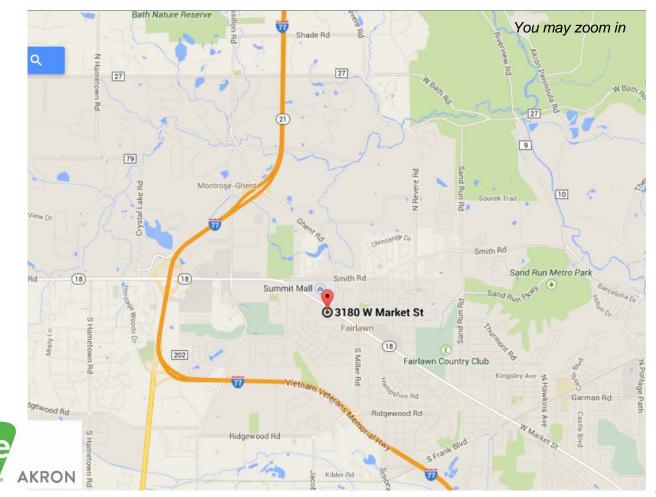
Exit at #133 – Ridgewood/Miller Rd. Go straight through the exit for approximately 2 miles. Turn left on Market Street (2 blocks). The Hotel is located on the left

Driving North or South on I-71

Take Route 18 – Medina Exit #218. Drive east on route 18 approximately 10 miles. The DoubleTree is located on the right side opposite the Summit Mall

Ohio Turnpike

Take the Cleveland/Akron I-77 Exit #173 off the Ohio Turnpike. Take I-77 south to exit #138 to Fairlawn. Turn right on Ghent Rd. Follow south for two miles. The DoubleTree is at West Market Street (Rt. 18) and Ghent Road. Turn Right on West Market Street. Hotel is located on the left.



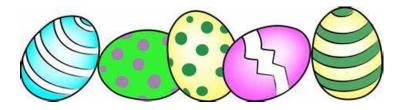
Speaker

Michael O'Donnell has more than 30 years of experience in engineering and manufacturing consulting. Since joining MAGNET in 2000, he has helped companies with lean, operations, and product development challenges. O'Donnell has also played an instrumental role in developing new consulting methods, training simulations, and workshops for use in a variety of businesses, and he continues to champion continuous improvement and total quality programs across Northeast Ohio. O'Donnell holds a Bachelor of Science in Chemical Engineering from the University of Michigan as well as an MBA from the University of Richmond.



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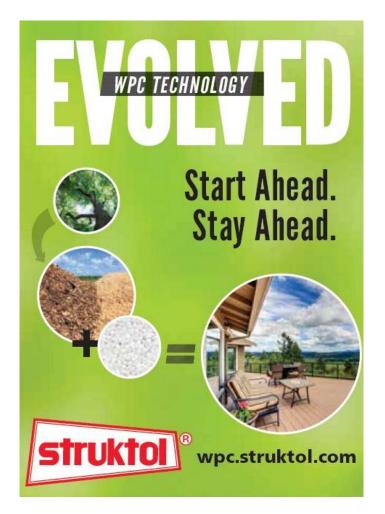
There is still time to join us for this season's advertising - see page 25 for the order form

Technical Assistance

For technical polymer questions please use the SPE International forum "The Chain"



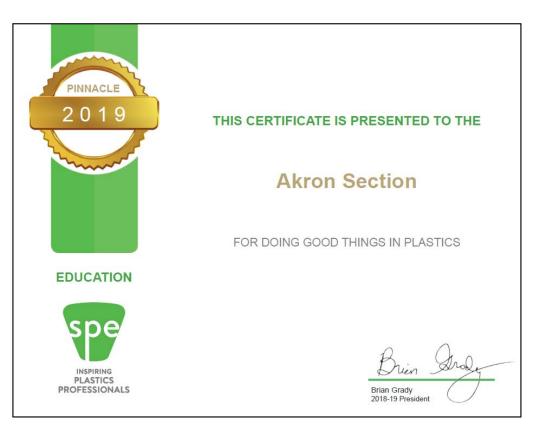
For local questions please contact the officers at akronspeweb@gmail.com





Akron Section Wins Awards

The Akron Section SPE has received the Pinnacle Gold Award for Communication from SPE Int'l. This is the most prestigious level of the award. It recognizes a full range of achievements in communication excellence. The purpose of the award is to recognize Sections, Divisions and Special Interest Groups (SIGs) that carry out highly effective communications with their groups and, optionally, with other parts of the Society during the course of the SPE year. It is intended to recognize all types and forms of communications as opposed to being focused on one medium or method of communication and information delivery.

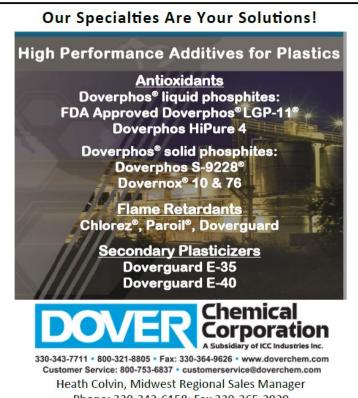


The Akron SPE Section also received the Pinnacle Award for Education. The education award just has one level. The 2018 TPE TOPCON, Plastivan Visit, Student Essay Contest and Technical Program all contributed to the Akron Section being recognized. Like the Communications Award it is

not competitive. It is based on meeting or exceeding certain performance standards and Accomplishment thresholds.







Phone: 330-243-6158; Fax 330-365-3929 Email: heath.colvin@doverchem.com

SPE National

Please click the following areas of interest:

Contacts at National

Member Benefits

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Akron Section





March Meeting Highlights













March Meeting Highlights



March Meeting Highlights





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Membership Report - 2019

The Akron Section currently has 252 active members.

		New +	
<u>Month</u>	Active	Renewal	
Jan	252	5 + 0	
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	257	11 + 0	Say hello to new members Hossein Abedsoltan, Student Jaynish Amipara, Student Craig Chmielewski, Schneller Bob Duncan, Jr., LyondellBasell Nicole Gowens, Student Colton Greathouse, ENGEL Machinery Jillanne Grimm, Parker Hannifin Evan Nelson, Cell-O-Core Krishna Nookala, Nolax, Inc. Nilay Shah, Student Victor Vogt, Student

The Akron SPE Section is happy to post local job openings in the plastics industry for 90 days for any member.

Please contact a board member if you are interested in posting.

Board Meeting Dates

Generally scheduled the first Monday of the month at 5:30 p.m. in the conference room of the UA Polymer Engineering Academic Center.

> April 1, 2019 May 6, 2019 June 3, 2019



Board Meeting Minutes – March 4, 2019

Call to Order: Meeting called to order at 5:30 PM at PEAC

Present: Nicole Fraifogl, Keith Pelfrey, Gary Taylor, David Schultz, Josh Seylar, John Fellenstein, Joe Mattingly, Che-Kuan Lin, Dan Jones and Sahil Gupta

Absent: Tom Mc Quaide, Bob Wegelin, Larry Stanek, Tony Dean, Sherri Hart, Kevin Malpass, Viv Malpass and Bob Weiler

Reviewed made minor changes to BOD Minutes- Education Foundation portion- reviewed final balance and identified missing check for Scholarship student then approved minutes from February BOD.

Review from President - February meeting well attended Plant Tour Mar-Bal from Cleve Section and a few as well from Akron.

Technical Program 2018/19—Nicole Fraifogl

Nicole reminds BOD to please invite at least one colleague or contact to monthly meetings-March 11- Akron- Extrusion –MiniTech- Joe Mattingly reports he is set with 3-4 different companies-

National Feed Screw, Steere America and Akron Tool and Die- discussed Tabletop and Panel discussion set-up and added logistics- Plan to start meeting at 4PM Need added attendees molding companies- Larry Stanek and Keith Pelfrey input

April 15- planned Magnet from Cleveland presentation-Recruiting and Retaining in todays Manufacturing environment

May 20- Awards at Firestone CC

House—Gary Taylor/Bob Wegelin

Gary confirms we are set rest of the year.

Technical Program 2019/20—Larry Stanek

Larry reports he now has several options for Program to confirming details with Cleve –Rik Keely Plan to juggle Sept/Oct and Nov with Cleve based on Vinyltec Oct 1-3 Entec Plastic resins- New Polymers/Advancements, Solving Plastics Problems- Timex Plastics-Recycling and Plastics and possible: Akron Bounce, Goodyear- Innovation Center, Americhem or Injection Molders Night, considering Panel event- technical recruiting for engineers for ACESS/Jan or March?? John and Larry still planning joint venture to have PlastiVan program in Cleve area.

Membership—Sherri Hart

Sherri informs several new Industrial and student members on board March at 257. Plans underway to identify new members with red star on name badge for meetings. Review in process to determine what else we might do to help track and determine reasons for not resigning and why Akron located members not signing up for Akron with new mode at Intl.

Treasurer—Gary Taylor

Report provided all updated info for early year- good balance. Gary informs rebates provided for 2018 and wonders plans for 2019? Joe Mattingly audited 2018 books ready to return April 2019.



Board Meeting Minutes – 3/4 continued

Councilor—Kevin Malpass

Kevin Malpass reports he plans to attend Council Meetings in Detroit.

Action – Voted on and passed money Logistics and expenses to support Councilor

Plans in place to change Membership policy no free Sections/Divisions cost \$135- STRESS TO SIGN UP FOR AKRON

Urging Akron Section as well consider helping Divisions with other Conferences- CAD- Color or PMAD

Student Chapter—CheKuan Lin and Joshua Seylar

Feb noted approval for Kaitlyn Mawhinney and Marco Pantoja to support ANTEC travel, they are presenting posters in Detroit.

Plan to as well have PESO meeting- requested speaker to address careers.

Public Interest/Website/Newsletter—Tony Dean

Tony informs that he is set for rest of the year in periodicals and magazines. BOD suggests potentially touching bases with companies that we will be touring- mostly Cleve based for advertising on Akron website.

National Awards—Larry Stanek

Larry noted he has completed-topics around Education, Outreach and Communication for new Pinnacle/Communication- awaiting Intl. response.

He is looking into next set and will inform his needs form BOD/Committees Award criteria. Larry reports he has built a template to help gather information and make available from Akron to Intl on a regular basis- please make sure to keep Larry updated on ALL activities as we build this database. Larry reports Best Practices are being reviewed as outlined by Intl- and submissions being made.

Section Awards—Keith Pelfrey

Keith is looking for Hall of Honor nominations- will be in contact with Sherri Hart for input. Nicole informs has a potential Speaker in mind.

BOD has set in motion new named Scholarship for 2019.

Keith informs after BOD review and vote- Dan Jones has been chosen as Zekan Award winner for 2018-19 – Congratulations to Dan!

Bob Wegelin will be contacted for Awards stick for update.

Plan a dry run in early May for banquet.

Keith is in addition developing Honored Service Member application for Bob Weiler for 2019-20. .

Education Committee—John Fellenstein

In Feb carried out an e-mail vote- to approve \$250 ANTEC- Intl Student Activities.

Scholarships due March 16, recap of APS Science Fair Awards.

Approved \$ sponsorship for judges at Western Reserve Science Fair set for March 16th need judges Informs no Essays have been received for this year even with extended deadline potential for future contact info for added MS/HS in area- checking with ACESS for added input.

Education Foundation—Joe Mattingly

Joe informs that will soon be calling Foundation Committee meeting to review current strategy in place as money re funds not handling current Scholarship needs. Motion made and Vote carried out to transfer



money from Gen Akron SPE Fund to handle deficit and to used to start at same time named Scholarship Fund.

Board Meeting Minutes – 3/4 continued

Growth Committee—Kevin Malpass

No update still IMPORTANT area.

Kevin reports the committee will get together to review status and actions going forward especially based on new Pinnacle criteria.

He further reports that Action items will now have to be redeveloped as potential new members join.

VINYLTEC—David Schultz with Tony Dean

- Akron Section will co-host 2019 Vinyltec on Oct. 1, 2 and 3.
- Oct. 1 will be devoted to a Primer.
- Nicole suggested that we be thinking of a succession plan.

David reports second meeting set for March 6th at Hilton 530 PM- secured Call in number- Thank you to Ron Raleigh- Past President –Cleve/Vinyl Div.

ACESS Update

ACESS has handled all logistics issues and carried out training for new website- Tony Dean should be on board re Akron SPE.

Old Business:

Suggest addition of Young Professional- potentially for Website.

Nicole has requested each BOD Member invite 1 person from business, industry, customer base to monthly meeting.

Nicole has suggested and will reach out to various groups in extended Akron section territory-Youngstown State and Ashland University.

New Business:

E- Week- update- Larry Stanek / Dan Jones

Week meeting went well with 400 attending SPE- Akron on schedule for 2023- still need to have brainstorming- as to Special projects to highlight- PlastiVan outreach, Student Chapter. Anticipate that SPE will need to expand into undergraduate contacts- awards plus added Graduate Awards Meetings scheduled for 1st Monday of Month- same as SPE BOD dates- Dan Jones will be attending for Akron Section.

Goodyear STEM Days – HS set for April 6 at U of A- Speed Mentoring and STEM- MS for May 4 Firestone

Status on Marcos project for two monitors in PEAC- Josh and John to continue to discuss further with Dr. Sadhan Jana.

Meeting Adjourned 6:37 PM –Next BOD Meeting set for April 1, 2019 at PEAC- 5:30PM.

Need to have help with Minutes- April 1 Secretary to provide copy of Minutes to Gary Taylor







Join the Pittsburgh SPE on April 15th from 5-7 PM at the UPMC Lemieux Sports

Complex in Cranberry to learn from Covestro and CMU about the Rethink the Rink

initiative and materials science innovation in Pittsburgh.

Please RSVP in advance, as dinner will be offered. \$25.00 for SPE members \$30.00 for non-SPE members RSVP: <u>Pgh.spe@gmail.com</u>



Last year, the Pittsburgh Penguins teamed up with Covestro and Carnegie Mellon University on an initiative to make hockey safer at all levels. The "Rethink The Rink" project challenges students from CMU's College of Engineering, with access to Covestro expertise, to develop material solutions that improve safety of the game. The first step was to redesign the rink dasher boards and glass.

"Players are bigger, faster and stronger than ever before, and so our challenge is to find new ways to keep them safer and reduce injuries. This collaboration with Covestro and Carnegie Mellon is a specific attempt to use recent advances in material science to address the physical boundary that surrounds a hockey rink. Can we come up with a material solution that reduces the impact of players hitting the boards and makes the game safer for players of all ages?"

- David Morehouse, president and CEO of the Penguins

Join the Pittsburgh SPE on April 15th from 5-7 PM at the UPMC Lemieux Sports Complex to learn more from Covestro and CMU about the Rethink the Rink initiative and materials science innovation in Pittsburgh. Dinner will be provided.

Address: 8000 Cranberry Springs Dr Cranberry Twp, PA 16066







AKRON SECTION SOCIETY OF PLASTICS ENGINEERS

NOMINATION FORM FOR ELECTION OF CANDIDATES TO THE PLASTIC HALL OF HONOR

Election to the Plastics Hall of Honor is conferred upon Akron area men and women who meet the following criteria

- 1. Displayed exceptional effort and accomplishment in the field of Plastics, and Polymers.
- 2. Displayed extraordinary dedication over many years that has contributed to the growth of the plastics industry.
- 3. Has not received national or international recognition.

The **Plastics Hall of Honor** seeks to recognize individuals for their quiet service, loyalty, and support over the years. They are the unsung heroes, the everyday foot soldiers of our industry - area employers, employees, and educators whose accomplishments are lacking only in recognition.

If you personally know such a deserving candidate, please forward your nomination to the selection committee, using this or any mailer.

Membership in SPE not required to Nominate or to be Nominated

 Name of Nominator
 Signature

 Address
 Phone

PLEASE MAIL THIS FORM TO ARRIVE ON OR BEFORE APRIL 15, 2019 to: Keith Pelfrey, 828 Pegan Drive, Wadsworth Oh 44281 PHONE: 330-336-3490

E-mail questions to kpelfrey@neo.rr.com

Nominate a co-worker, employer, teacher, media person, leader, or any unsung hero who deserves this honor! Honorees will be installed in the Plastics Hall of Honor at the Annual SPE awards night 2018 at Firestone CC May 20, 2019

Their names and photographs will be displayed in the Plastics Hall of Honor within the University of Akron Polymer Engineering Building

Programs for 2018 / 2019

- Sept. 17 Sajar Plastics Gas Injection Molding, Plant Tour -- Middlefield, Ohio - Cleveland *
- Sept. 18-20 **13th TPE TOPCON** -- Hilton Fairlawn - Akron *
- Oct. 15 **Polymer Coating Systems** -- DoubleTree by Hilton Fairlawn Akron *
- Nov. 12 Quality Synthetic Rubber Tour -- Twinsburg, Ohio - Cleveland *
- Dec. 10 **60 Years and Holiday Celebration** Madrigal Singers and Speaker -- The Galaxy, Wadsworth – Akron*

Jan. 14	ACESS
	Hilton Fairlawn - Akron *
Feb. 11	Mar-Bal Thermoset Molding, Tour Mentor, Ohio - <i>Cleveland</i> *
Mar. 11	Extrusion Event After-Market Suppliers <i>Hilton Fairlawn - Akron</i> *
Apr. 8	Magnet Presentation
	Hilton Fairlawn - Akron *
May 20	Akron Section Awards Night
	Firestone Country Club Akron

Meetings are joint with Cleveland Section with host section denoted by *

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		1	
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1960-1961	Milan Krajcik	1989-1990	Robert C. Wegelin
1961-1962	Foster J. Young	1990-1991	Geraldine R. Stromquist
1962-1963	Dickson L. Stoker, III	1991-1992	Spencer Kreiser
1963-1964	Edward L. Hillier	1992-1993	Robert C. Wegelin
1964-1965	John R. Russell	1993-1994	Anthony F. Dean, Jr.
1965-1966	John R. Russell	1994-1995	Wayne Decamp
1966-1967	Clyde H. Jones	1995-1996	Melanie Stewart
1967-1968	Alan Corry, Jr.	1996-1997	Kevin Hershfield
1968-1969	Bernard M. Saffian	1997-1998	David Schultz
1969-1970	Harold R. Schick	1998-1999	John Raab
1970-1971	Robert G. Hills	1999-2000	Gary Taylor
1971-1972	John J. Satterfield	2000-2001	Kevin Malpass
1972-1973	Alexis M. Gross	2001-2002	Kenneth L. Sharp
1973-1974	Francis J. Maurer	2002-2003	Joseph E. Pfeiffer
1974-1975	Leverett A. Anderson, Jr.	2003-2004	Robert C. Wegelin
1975-1976	Robert M. Hershey	2004-2005	Joseph Mattingly
1976-1977	Richard L. Fleshman	2005-2006	Lloyd A. Goettler
1977-1978	David Curtis	2006-2007	John Woodside
1978-1979	John A. Zelek, Jr.	2007-2008	Vivian Malpass
1979-1980	Gerald W. Whitnable	2008-2009	Joseph Mattingly
1980-1981	Kathleen N. Bechter	2009-2010	David A. Katz
1981-1982	Victor E. Giuffrida	2010-2011	Lloyd A. Goettler
1982-1983	James Steiner	2011-2012	David Schultz
1983-1984	Robert G. Hills	2012-2013	Kevin Malpass
1984-1985	Anthony F. Dean, Jr.	2013-2014	Dan Jones
1985-1986	Gene Buser	2014-2015	Vivian Malpass
1986-1987	Harry J. Barth	2015-2016	Keith Pelfrey
1987-1988	Judith A. Fallon	2016-2017	Robert Weiler
		2017-2018	Tom McQuaide
		1	



Akron Section Board of Directors

Nicole Fraifogl President/Chair. Viscus Biologics LLC Website/Social Media 216-744-2740 ext 707 T nicole.fraifogl@viscusbiologics.com

Larry Stanek ENPAC LLC 440-975-0070 ext 313 T 440-975-0047 F lstanek@enpac.com

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Director. Student Chapter Advisor

CheKuan Lin Director, Student - U Akron Polymer Eng. 424-341-8772 T cl139@zips.uakron.edu

Joshua Seylar Student - U Akron Polymer Eng 865-437-6114 T jcs201@zips.uakron.edu

Student Chapter SPE Liaison

Director. Student Chapter SPE Liaison Keith Pelfrey Director, Awards **HC-Companies** 216-315-0966 T kpelfrey@neo.rr.com **Bob Wegelin** Director, House Retired 330-414-1498 T robert.wegelin@att.net Tony Dean Director, Retired Advertising/Public Interest, Website/Social Media 330-929-9916 T francis@neo.rr.com Sherri Makar Hart Director, Membership Case Analytical Laboratories 330-634-3452 T contact@caseanalytical.com Director. Education Joe Mattingly Goodyear Tire & Rubber Co. Foundation 330-208-6913 T 330-896-7379 F joe@mattingly.us Sahil Gupta Director Parker Hannifin Corp. 330-296-1421 T 330-296-8433 F sahil.gupta@parker.com John Fellenstein Director, U Akron Polymer Engineering Education 330-972-6334 T 330-972-2624 F jfellenstein@uakron.edu Director Dan Jones 330-338-8029 T daniel.h.jones@sbcglobal.net Vivian Malpass Director, TopCon 2018, Tek-Mark International Conference 330-342-1120 T 330-342-1134 F

Jenny Digiantonio Retired 330-806-6214 T jenny.akronspe@aol.com

vivian.malpass@tek-mark.com

Newsletter



Akron Section Society of Plastics Engineers Educational Foundation



9-18

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 thirty years that the foundation has been in existence, it has provided scholarships to over 270 young men and women totaling in excess of \$350,000 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 four named scholarships, Newell/Rubbermaid, Goodyear, 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 Joe Mattingly, 4918 Massillon Rd. North Canton, OH 44720.

Akron SPE Scholarship Donation Commitment

Our named scholarship donors are recognized at the annual Awards Night of the Akron Society of Plastics Engineers. We invite you to present your tax deductible donation at our Awards Night, which is scheduled on May 20, 2019.

We look forward to your support of this very worthwhile cause by your fine company. Please contact me at (330) 208-6913 with any questions. Thank you for your consideration.

spe Akro

Sincerely, Joe Mattingly, Foundation Chair Akron Section Society of Plastics Engineers, Educational Foundation Tony Dean, Advertising Manager 330-929-9916

Website, E-Blast & Newsletter Advertising

Insertion Order 2018-19

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 60th year of the Akron SPE Section and rates are for entire season, September 2018 – Summer 2019. **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!** All ads included in newsletter, email blast (logo) and web site.

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

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	Half Page	One column, 10" high	\$250
	Half Page	Page width (7.5"), 5" high	\$250
	Hotlink to company website	N/A	No Charge

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Akron Section SPE c/o Gary Taylor Akron SPE 715 Thelma Drive Wadsworth, OH 44281