

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, November 11, 2019

5:30 p.m.



Ravago Mfg. Americas - Tour
5192 Lake Road
Medina, Ohio 44256



Tour of Ravago Americas new polymer distribution, recycling and compounding building in Medina, Ohio. The 501,039 square foot building includes a large warehouse, plant and office space. The new sixteen by sixty feet high silos provide storage for the plastic pellets that will be shipped around the world to meet their client's demands.

Ravago Manufacturing produces a wide range of plastic and rubber materials from high performance engineered resins to recycled post-consumer materials. The facility will include pulverizing equipment to make rotational molding grades of plastic resin. The state of the art facility also includes extensive material testing capabilities along with 17-20 silos, railway sidings, and boxing and bagging equipment.

Meeting Information

Members & emeritus	\$10
Non-members	\$15
Students	\$5
New Member - first meeting	Free
Registration at facility	5:30 p.m.
Plant tours	6:15 p.m.
Dinner TBA	Following tour
	Each pays own meal

Reservations must be in by noon on Fri., Nov. 8 and can be made to Gary Taylor at 330-419-4380 or akronspe1@gmail.com
Be sure to include your company affiliation.

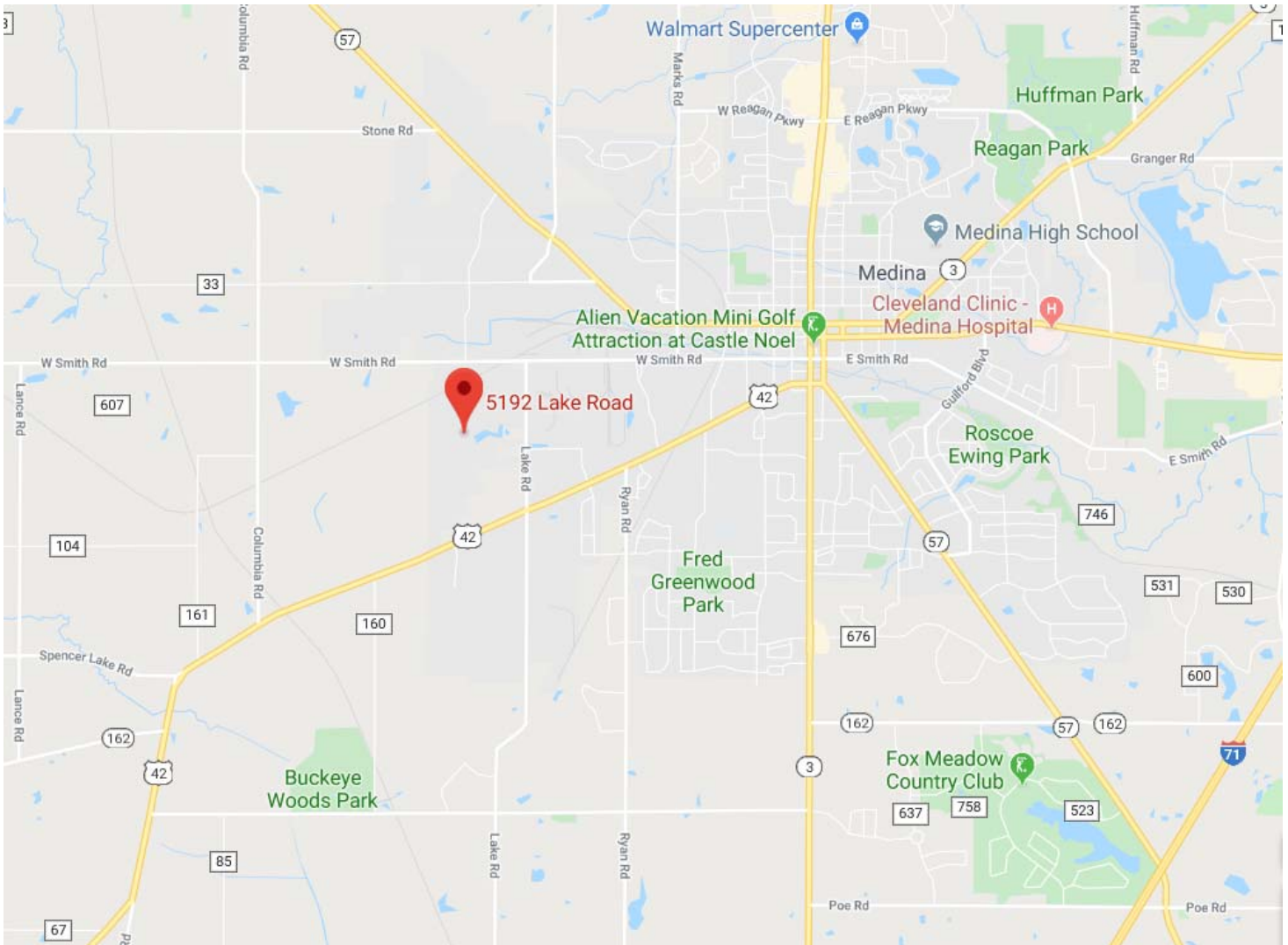
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Directions to Meeting

Dinner will follow at a location to be announced.

Each attendee will be responsible for their own meal costs.



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.

	<ul style="list-style-type: none"> Volumetric, Gravimetric, Belt & Screw Feeders 		<ul style="list-style-type: none"> Explosion Mitigation & Prevention Equipment for Combustible Dust
	<ul style="list-style-type: none"> Bulk Bag Systems Mechanical Conveyors Scale Systems 		<ul style="list-style-type: none"> Paddle Mixers Vacuum Dryers
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for this season's advertising – see
page 23 for the order form*

Technical Assistance

**For technical polymer questions
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forum “The Chain”**



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

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**The Akron Section is in
need of New Board Members.**

**Please consider becoming a
Board Member
to help support your Section.**

**Contact anyone currently
on the board
if you are interested.**

Thank You!



VINYLTEC[®]

Akron, OH • October 1-3, 2019

Presented by SPE Akron Section & SPE Vinyl Plastics Division

The 2020 VINYLTEC will be hosted by the Palisades section October 20-22 in Iselin, NJ. If you or your company have an interest in participating in the technical program please reach out to the 2020 TPC Chairman, Ron Raleigh (ron.raleigh@altana.com). For sponsorship or exhibitor opportunities contact Mark Lavach (mark.lavach@arkema.com).

The Akron Section and the Vinyl Division of the Society of Plastics Engineers presented VINYLTEC 2019 – “Megatrends in Vinyl”. Automotive, Medical, Construction Applications and Sustainability Trends were covered. The event was held at the Akron Fairlawn Hilton on Oct. 2 and 3. The newest developments in PVC compounding materials, processing and equipment were addressed. In addition, keynote speakers provided updates on Plastics Education (Eve Vitale, PlastiVan™) and Polyester Adhesives (Prof. Abraham Joy, University of Akron), which highlighted community outreach and academic developments of the plastics industry, respectively. We also recognized Mark Lavach (Arkema) for the Best Technical Paper and Christian Barcan for the Best Commercial Paper from VINYLTEC 2018.

An exhibit area was included where 21 companies showcased their products related to Vinyl Plastics. There was also a student poster session presented by Akron University Polymer Engineering Students on Tuesday and Wednesday evenings.

Nearly two hundred people from across our industry were in attendance.

An optional workshop was held on Tuesday, Oct 1, featuring several renowned industry experts who covered PVC Compounding Technology and Materials. This was an ideal opportunity for new technicians to learn from the best in their fields about requirements to produce good PVC compounds. This workshop was also valuable for anyone hoping to brush up on his or her skills.

Vinyl Plastics research and production started right here in Northeast Ohio. Many great Akron companies like B.F. Goodrich, Goodyear, Firestone and others were key figures in creating the vibrant Vinyl industry we know today.



Gold



Gold



Formosa Plastics[®]

Gold



Silver



Bronze



VINYLTEC 2019 highlights

Bob Weiler recognized as Chairman (past) of Vinyl Plastics Division



Dave Schultz welcomes Workshop Attendees



PVC 102 Workshop



VINYLTEC 2019 highlights



Bob Weiler opens Vinyltec 2019

Speaker
Emily McBride



Keynote Speaker Eve Vitale,
SPE Foundation



Keynote Speaker
Abraham Joy

VINYLTEC 2019 highlights

Exhibit Area



Poster Session



VINYLTEC 2019 highlights

Wine & Cheese Reception



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.

8/26/19	2/3/20
9/30/19	3/2/20
11/4/19	4/6/20
12/2/19	5/4/20
1/6/20	6/8/20

Membership Report - 2019

The Akron Section currently has 251 active members.

Month	Active	New + Renewal
Jan	252	5 + 0
Feb	257	11 + 0
Mar	--	--
Apr	260	8 + 0
May	--	6 + 0
Jun	--	1 + 0
Jul	251	4 + 0
Aug	255	3 + 0
Sep	258	2 + 0
Oct	259	2 + 0
Nov		
Dec		

Say hello to new members

Anushree Deshpande, Sirrus Inc
Jomin Thomas, Student

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SPE National

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- Contacts at National
- Member Benefits
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- Akron Section



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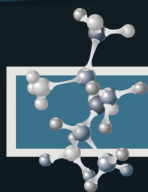
Events

Never miss another industry event with upcoming trade show and conference announcements.

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Global Bonds in Chemistry

October meeting highlights





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OMNOVA Solutions

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Bridgestone Americas Tire
Operations

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Founder, Theken/NextStep
Companies

October 4, 2019

Mr. Gary Taylor
Treasurer, SPE Akron Section
715 Thelma Drive
Wadsworth, OH 44281
Via email: taylorgandc@gmail.com

Dear Gary,

Thank you very much for SPE's kind donation of \$1,000 to ACCESS for two teacher grants of \$500 each. We will award these at the ACCESS Banquet on November 7 and I hope to see you there.

ACCESS is a non-profit, 501(c)(3) organization. You can reach me at 330-656-2203 or at treasurer@accessinc.org. Thanks again, and looking forward to working with you.

Best regards,

Mike Dowell

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Board Meeting Minutes – September 30, 2019

Call to Order: Meeting called to order at 5:30 PM at PEAC- University of Akron.

Present: Larry Stanek, Nicole Fraifogl, Keith Pelfrey, Gary Taylor, Kevin Malpass, David Schultz, Sherri Hart and John Fellenstein

Absent: Tom McQuaide, Tony Dean, Bob Weiler, Bob Wegelin, Viv Malpass, Sahil Gupta, Josh Seylar, Dan Jones and Joe Mattingly

Review from President.

Welcome to ALL. Larry informs he will plan to attend representing Akron section next week's Vinyltec as we start the new year.

Minutes from August

Reviewed and passed.

Noted good to acknowledge new members at meetings but no plans to mark badges and Jenny will send off Welcome letters as in the past.

Technical Program 2019/20—Larry Stanek

Larry reminds continue to please invite at least one colleague or contact to monthly meetings for new SPE Year.

Larry informs we are set for October 14 meeting with Cleveland - a Plant Tour- Tymex. Confirmed Nov 11 meeting all set ENTEC- Medina- confirming Dinner plans or catering. Need to firm up- Dec Holiday event-confirmed will do an impromptu gathering for Holiday at Brew Kettle in Strongsville Cleve and Akron. He as well confirmed joint meeting with ACCESS need to develop program and get PR out- Topic Jobs in the Engineering work space considering Apprentice programs. David Schultz informed a recent contact during travels very interested in Apprenticeship and has HR and Technical background in a number of industries will invite Becky Doggett- Kent area to BOD and ACCESS joint meeting. In the process of determining March topic- NASA- K Pelfrey to make contacts with Cleve for Larry. Gary reminds he would like to have Cleve make and set up own reservations at our home Hotel- Hilton -need to inform Rik Keeley. Dan informs E-Week is set for Feb 20- he will be attending E-Week monthly meetings- led this year by Highway Group.

Dec Holiday Meeting / Banquet - Board decided to not have the traditional Dec meeting since turnout predominantly Board members. Considering a Dec meeting locally (Akron / Fairlawn / Cuyahoga Falls area). Possible site: Lock 15 (21 West North Street, Akron) - Closed Monday, could meet Tues, Dec 3rd. May Awards Banquet - Larry has a potential speaker for May Awards Banquet. Sherri will work with Keith to assist with organizing May Awards Banquet.

House—Gary Taylor/Bob Wegelin

Gary confirms completed aligning locations for standard meeting and special locations for next SPE year- Host hotel Hilton with special locations being set with Akron/Cleveland.

Technical Program 2020/21—

Need President-Elect for 2020/21.

BOD discussed some basic options for meetings next year to include:

Hands on – Engineering oriented meeting, involves students to greater extent and 3D Printing- similar to Library set-up.

Board Meeting Minutes – 9/30 continued

Membership—Nicole Fraifogl

Reports last month at 258 members.

Review in process to determine what else we might do to help track and determine reasons for not re-signing and why Akron located members not signing up for Akron with new mode at Intl.

Treasurer—Gary Taylor

Reports he is up to date on Financials, finalized review of Expenses compared to Budget for last year and set Budget for this SPE year.

Gary will inform rebates provided for 2019.

Gary has given books for Joe Mattingly to review for year 2018-19.

Councilor—Kevin Malpass

No report but we are aware of new Services schedule developed by Intl SPE and needs to have a thorough review by BOD as we would be involved in future TOPCON's after TPE TOPCON set for Sept 2020.

Council meeting set at new Headquarters Nov 14 and 15 in Danbury, Conn.

Student Chapter—CheKuan Lin and Joshua Seylar

Joshua Seylar reported he will be main contact this year as several Professors have left Polymer Engineering and students have followed. The Student Chapter is off to great start with new contacts being developed, hope to have a very active group as calendar is set with Goodyear Racing Tire Tour- Oct 3 and BFS Tour- Nov 7 and Winter Banquet – Dec 6. Thanks to their great year of participation looking forward to active year 2019-20 as we kicked off this year at Vinyltec.

Plan to as well have PESO meeting- requested speaker to address careers and also would like to consider participation in putting on a meeting student led for new year.

Public Interest/Website/Newsletter—Tony Dean

Tony informs that he is set to move forward for the new 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.

Tony reports this year at start several new advertising companies still would like to grow.

Website- Jenny in process of updating with latest meeting information.

National Awards—Larry Stanek

Larry noted that he no longer sees Pinnacle Award criteria listed on Intl SPE website- status?? Education, Outreach and Communication for new.

Larry reports along with Keith we are now planning to align Bob Weiler for this year and Joe Mattingly for the following year as two Honored Service Members.

Section Awards—Keith Pelfrey

Keith reports the Hall of Honor and Awards went well - thanks to Jenny Digiantonio for all her help and detailed follow up.

BOD has set in motion new named Scholarship for 2019.

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

Board Meeting Minutes – 9/30 continued

Education Committee—John Fellenstein

John Fellenstein confirms he will be handling at least 1 day of PlastiVan during time of Vinyltec. Thanks to Committee and help from Sylvia Moore and Vinyl Div!! In addition one other school has been targeted later in Oct. All is set for Scholarships for students with help from Educ. Foundation- Joe Mattingly. John Fellenstein will update forms with 2020 deadline dates.

Education Foundation—Joe Mattingly

Joe not present but emailed report. He reported to Secretary once again concern for following guidelines set-up for Scholarship students, namely majors as they are declared. In addition we will be reworking the Bylaws.

All scholarship checks for the first half were sent out and cashed by the recipients.

Growth Committee—

Revived Kevin Malpass along with help from Keith Pelfrey, Sherri Hart, Joe Mattingly and Sahil Gupta. Kevin reviewed future ideas for Akron Section as still IMPORTANT area. Plans to review past discussed ideas from previous committee.

He further reports that Action items will now have to be redeveloped as potential new members join. Kevin will set up a meeting with Growth Committee - Keith Pelfrey, Sahil Gupta, Sherri Makar Hart.

2019 Vinyltec—David Schultz/Co- Chair with Bob Weiler- Tony Dean- Intl Office contact

Vinyltec 2019 was a success in early October with 12 Sponsors, 21 Exhibitors and a total 189 attending. The Vinyl Div also had a pre conference and it drew 65 attendees.

Need new chair.

ACESS Update

ACESS in the process of making additional website oriented changes logistics issues and carried out training for new website- Tony Dean should check with Sheila King now President for ACESS.

Nov. 7 meeting at Guy's Party Center. Dave Schultz is getting the ACESS Award - current ACESS Administrator, Past ACESS President.

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 meetings.

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

Potential topics additional projects:

E- Week- 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.

Status on Marcos project for two monitors in PEAC- Josh reports he has received approval for screens with Akron-SPE news in the PEAC and also expanding to Polymer Science Building, NPIC and Chemistry.

Board Meeting Minutes – 9/30 continued

Sherri Hart informs that ExxonMobil would like to donate to TPE TOPCON 2020 – D Schultz and Gary Taylor reviewed files monies supplied in past and Sponsorships and let Sheri know.

Need to revise Akron Section Bylaws- Nicole will handle with Joe Mattingly as he will be reviewing Bylaws for Education Foundation.

Nicole informs Eve Vitale- Education Foundation- Intl SPE will soon be developing a presentation for the Foundation.

Meeting Adjourned 7:00 PM –Next BOD Meeting set for November 4, 2019 at PEAC 5:30PM.

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Programs for 2019 / 2020

Sept. 9 **Nova Chemicals**
How Resins are Produced
-- Hilton Fairlawn - Akron *

Oct. 1-3 **VINYLTEC**
-- Hilton Fairlawn - Akron *

Oct. 14 **Tymex**
Plant Tour
-- Harvard Ave, Cleve. - Cleveland *

Nov. 11 **ENTEC Resins**
Plant Tour
-- Route 18, Medina - Akron *

Dec. 9 **Holiday Celebration**
TBA

Jan. 13 **ACCESS – Technical
Recruiting Roundtable**
-- Hilton Fairlawn - Akron *

Feb. 10 **Polymag**
Presentation
-- Hilton Fairlawn - Cleveland *

Mar. 9 **TBD**
-- Hilton Fairlawn - Akron *

Apr. 13 **Smartshape**
Plant Tour
-- Rockwell Ave - Cleveland *

May 18 **Akron Section Awards Night**
-- Firestone Country Club
Akron

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

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1962-1963	Dickson L. Stoker, III	1992-1993	Robert C. Wegelin
1963-1964	Edward L. Hillier	1993-1994	Anthony F. Dean, Jr.
1964-1965	John R. Russell	1994-1995	Wayne Decamp
1965-1966	John R. Russell	1995-1996	Melanie Stewart
1966-1967	Clyde H. Jones	1996-1997	Kevin Hershfield
1967-1968	Alan Corry, Jr.	1997-1998	David Schultz
1968-1969	Bernard M. Saffian	1998-1999	John Raab
1969-1970	Harold R. Schick	1999-2000	Gary Taylor
1970-1971	Robert G. Hills	2000-2001	Kevin Malpass
1971-1972	John J. Satterfield	2001-2002	Kenneth L. Sharp
1972-1973	Alexis M. Gross	2002-2003	Joseph E. Pfeiffer
1973-1974	Francis J. Maurer	2003-2004	Robert C. Wegelin
1974-1975	Leverett A. Anderson, Jr.	2004-2005	Joseph Mattingly
1975-1976	Robert M. Hershey	2005-2006	Lloyd A. Goettler
1976-1977	Richard L. Fleshman	2006-2007	John Woodside
1977-1978	David Curtis	2007-2008	Vivian Malpass
1978-1979	John A. Zelek, Jr.	2008-2009	Joseph Mattingly
1979-1980	Gerald W. Whitnable	2009-2010	David A. Katz
1980-1981	Kathleen N. Bechter	2010-2011	Lloyd A. Goettler
1981-1982	Victor E. Giuffrida	2011-2012	David Schultz
1982-1983	James Steiner	2012-2013	Kevin Malpass
1983-1984	Robert G. Hills	2013-2014	Dan Jones
1984-1985	Anthony F. Dean, Jr.	2014-2015	Vivian Malpass
1985-1986	Gene Buser	2015-2016	Keith Pelfrey
1986-1987	Harry J. Barth	2016-2017	Robert Weiler
1987-1988	Judith A. Fallon	2017-2018	Tom McQuaide
1988-1989	William E. Tosko	2018-2019	Nicole Fraifogl

Akron Section Board of Directors

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Jia Ruey <i>Student - U Akron Polymer Eng.</i> 330-890-7039 T ja164@zips.uakron.edu	Director, Student Chapter SPE Liaison	Robert Weiler <i>Retired</i> 330-283-9024 T rweiler@amfine.com	Director, VINYLTEC 2019 Co-chair
Joshua Seylar <i>Student - U Akron Polymer Eng</i> 865-437-6114 T jcs201@zips.uakron.edu	Director, Student Chapter SPE Liaison	Awards	Open
Keith Pelfrey <i>HC-Companies</i> 216-315-0966 T kpelfrey@neo.rr.com	Director	Jenny Digiantonio <i>Retired</i> 330-806-6214 T jenny.akronspe@aol.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

- \$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 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.

Sincerely,
Joe Mattingly, Foundation Chair
Akron Section Society of Plastics Engineers, Educational Foundation



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

Website, E-Blast & Newsletter Advertising

Insertion Order 2019-20

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 61st year of the Akron SPE Section and rates are for entire season, September 2019 – Summer 2020. **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 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	\$100
	Double	One column, 2 to 4" high	\$150
	Triple	One column, 4 to 6" high	\$200
	Half Page	One column, 10" high	\$250
	Half Page	Page width (7.5"), 5" high	\$250
	Hotlink to company website	N/A	No Charge

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

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