

# Polymer Valley News



## “Extending the Life of Your Extruder”

The Newsletter of the Akron Section of the Society of Plastics Engineers  
*Our 61<sup>st</sup> Year of Education and Service to the Plastics Industry*

~ Next Session ~

**Monday, March 11, 2019**  
**5:30 p.m.**

***The Extrusion Mini-Tec display  
area is open at 4:00 p.m.***

**Extrusion Mini Tec**  
**Hilton Inn**  
**3180 West Market Street**  
**Akron, Ohio 44333**

We have invited local vendors - Akron Tool & Die/Diamond America, NFM/Welding Engineers and STEERAmerica. These vendors supply the industry with all types of single and twin-screw extrusion equipment, peripherals and replacement parts. They will have tabletop displays, literature and related products like elements, shafts, barrels, dies, maintenance software, service products and tools related to extrusion systems.

Each will show off their wares and literature, and have personnel to discuss and share maintenance solutions and methods for your extrusion equipment.



### Meeting Information

Member and/or guest	\$30
Retired	\$20
Student	\$5
New Member - first meeting	Free
Social / Networking / Bar	5:30 p.m.
Dinner	6:00 p.m.
Panel discussion	Following dinner

Reservations must be in by noon on Fri., Mar. 8 and can be made to Gary Taylor at 330-419-4380 or [akronspe1@gmail.com](mailto: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)

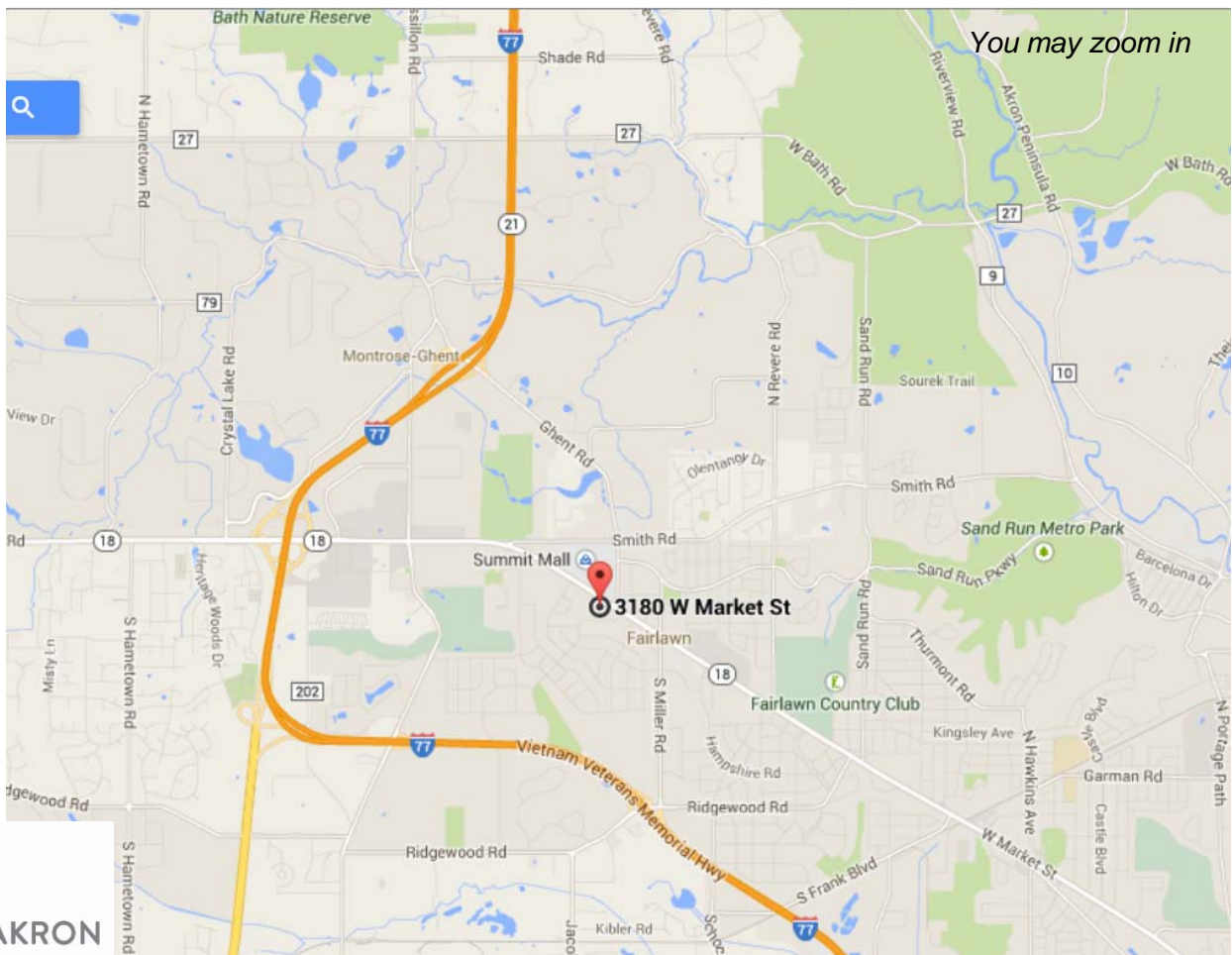
Exit at #133 – Ridgewood/Miller Rd. Go straight through the exit for approximately 2 miles. Turn left on Market Street (2 blocks). The Hotel is located on the left

### 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.



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*There is still time to join us for this season's advertising – see page 24 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](mailto:akronspeweb@gmail.com)




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## TPE TOPCON Review

The 13<sup>th</sup> Thermoplastic Elastomers Topical Conference was presented by the Akron Section and TPE Special Interest Group at the Hilton Akron-Fairlawn on September 18-20. The theme for this year's conference was "Innovation Bounces Back", complete with another Ken Kear "Mr. Stretchy" logo. Attendance continued its upward trend with 57 registering for the TPE Primer and 187 attending the two days of the conference. We would like to acknowledge our Gold Sponsors: Elastron USA, Kuraray America; Premier Sponsors: BASF, Struktol Company of America; Reception and Break Sponsors: Star Thermoplastics, Harwick Standard, Radici Group and S&T Group/T.L. Squire. Exhibitors included Akron Rubber Development Laboratory, BASF Performance Materials, Coperion Corp, Elastron USA, Kraton Performance Polymers, Kuraray America, Leistritz Extrusion, Riken Americas Corp, Struktol Company of America, University of Akron and Wacker Chemical Corp. Thanks to the continuing commitment of sponsors and exhibitors, we are able to keep costs down for attendees, helping us continue our mission of facilitating the exchange of TPE industry knowledge and experience.

For the second time, we started the conference with a TPE Primer on the afternoon of registration and ended just before the Welcome Mixer. The format was essentially the same as 2016 with time devoted to specific families of TPEs. Vivian Malpass led off with an overview of the TPE classes, followed by Jeff Munro (Polyolefin Elastomers), Reza Sadeghi (Thermoplastic Vulcanizates), Parashar Davé (Styrenic Block Copolymers), Mihai Manitiu (Thermoplastic Polyurethanes), Bill Blasius (Polyesters & Ionomers) and Min Zheng (Polyamides). The attendees were broken up into groups of five or six and given a set of material, process and design case studies to work on together. The groups reported back their best recommendations with a facilitated general discussion. The random diversity of experience in the groups turned into a great opportunity to learn useful new things from people who were strangers only a few hours prior.

*Thank you to these  
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## TPE TOPCON Review cont.

Day one of the TOPCON conference started with opening remarks from Viv Malpass (General Chair) and Bill Blasius (Technical Program Chair) welcoming all to the conference. Jeff Munro of Dow took up the morning session moderator duties and introduced an opening talk by Bob Eller on “Paths Forward for TPEs” to set the market context for the conference. The morning’s session covered wearable and medical applications and presentations were made by Chandrashekar Raman of Momentive (Boron Nitride Additives for Thermoplastic Elastomers), Viggly Mehta of Polymer Dynamix (Flexsil® Soft Touch Thermoplastic Elastomers), Maciej Patelka of Namics (Next Generation Stretchable Materials), Walid Qaqish (Tecobax™ -A New Class of Non-Softening Thermoplastic Polyurethanes for Medical Applications) and Bing Yang of Kraton (New Hydrogenated Styrenic Block Copolymers for Medical Applications).

Our Keynote on Biomimicry was co-delivered by Christine Hockman of Great Lakes Biomimicry and Abraham Joy from the University of Akron. Christine gave an introduction to GLB and the philosophy of biomimicry. Professor Joy spoke about several biomimicry inspired projects being run out of UAkron in conjunction with GLB. Biomimicry as a design tool has been well established and used in things ranging from Olympic racing swim suits to McLaren super cars. What became apparent is that there is a significant opportunity for materials developers to merge their expertise with the needs of the design community.

Hoan Tran of Kuraray America moderated the afternoon session of automotive, testing and processing presentations. Liang Xu of PolyOne (How Low VOC/FOG TPEs Help Achieve Vehicle Interior Air Quality Requirements), Mark Proudfoot of Renkert Oil (High Molecular Weight Extender Oils in TPE Performance), Chris Latulippe of Teknor Apex (Sarlink® TPV Advantages in Glass Run Channels over EPDM), Sean Teller of Veryst Engineering (Methods for Measuring Impact Properties of TPEs and Elastomers) and Dan Marginean of Electron Beam Technologies (A Study of Crosslinking by Electron Beaming of Polymeric Composition for Welding Cables) filled out the day before retiring for a wine and cheese reception. In the exhibit hall North wing, graduate students from the University of Akron presented posters explaining the latest in their polymer research.

Reza Sadeghi of Vinventions moderated the second day’s morning session on processing, additives and materials. Charlie Martin of Leistritz led off (Supercritical Fluid Injection into Twin Screw Extruders...When and Why?), followed by Paul Andersen of Coperion (Fundamentals of Twin Screw Extrusion: TPE Compounding – Common Pitfalls and How To Avoid Them), Ken Russell of Optimized Compounds (Comparison of the Kneader and the Twin Screw Extruder in the Compounding of TPV Materials), Rick Fitzpatrick of Extrude to Fill (Controlled Viscosity Injection Molding), Daniel Calimente of Wacker (GENIOPLAST® PELLET S Applications), Jim Botkin of BotkinChemie (Substitution of Benzotriazole UV Absorbers in Plastics) and Hoan Tran of Kuraray (SEPTON™ BIO-series, Bio-based Hydrogenated Styrene Farnesene Block Copolymer with Enhanced Grip Performance).

Qaizar Hassonjee was scheduled to give a keynote on the future of wearable technology, but a conflict made that impossible to do in person. We relied on technology to reprise a keynote he had delivered on wearable technologies while he was a VP at Adidas.



## TPE TOPCON Review cont.

Prakash Sanjeevaiah of Star Thermoplastic Alloys & Rubbers moderated the final session on materials. Leading off the afternoon was Haikun Xu on behalf of Entech (The Benefits of Micronized Rubber Powders), followed by Serif Erdoğan of Elastron (New Generation Thermoplastic Vulcanizate Crosslinked SBC/TPVs), Mark Kujawski of BASF (Waterproof TPU Roof Underlayment with Nail-sealing Capability), Paul Moruzi of DSM (High Temperature Thermoplastic Copolyester for Rubber Replacement) and finally, Nabarun Roy of BASF (Recent TPU Innovations in Extrusion Applications).

Thanks go out to all the presenters and their companies for sharing so much knowledge. A few of the stand-out presentations for me include Polymer Dynamix' talk on permanent plasticizers for elastomers, Teknor Apex', BASF's and DSM's strategies for replacing vulcanized rubber with TPEs in demanding construction and automotive applications and Optimized Compounds' direct comparison of kneaders and twin screw extruders. Liang Xu from PolyOne did a great job of helping us understand just how noxious that "new car smell" can be for many people and how and why it should be avoided for the sake of people's health. Rick Fitzpatrick of Extrude to Fill introduced us all to a new concept in low shear rate injection molding where an extruder packs a mold cavity to a set pressure without the help of a high speed hydraulic ram. Jim Botkin from BotkinChemie gave a very insightful talk on navigating the EU regulatory changes that are affecting commonly used UV light stabilizers.

Vivian Malpass and I would like to thank all the Akron based committee members who make the conference work with all their prep work and behind the scenes coordination the days of the conference. They include Tony Dean, Joe Mattingly, Bob Wegelin, Gary Taylor, John Braver, Dave Schultz, Marcos Pantoja, Kevin Malpass and Jenny Digiantonio. We would also like to thank Jeff Munro, Hoan Tran, Mark Kujawski, Reza Sadeghi and Prakash Sanjeevaiah for their help in building the technical program and moderating the sessions.

The 14th TPE TOPCON is tentatively scheduled for the same week in September 2020. We will again be looking for quality submissions for presentations. An accepted title and abstract will lead to a PowerPoint Presentation for submission and inclusion on the flash drive distributed to the conference attendees. I would encourage anyone interested in presenting or helping put together the 2020 conference to let me or any of the SIG board members know.

Respectfully submitted,  
Bill Blasius  
TPE SIG BOD  
2018 TPE TOPCON Technical Program Chair



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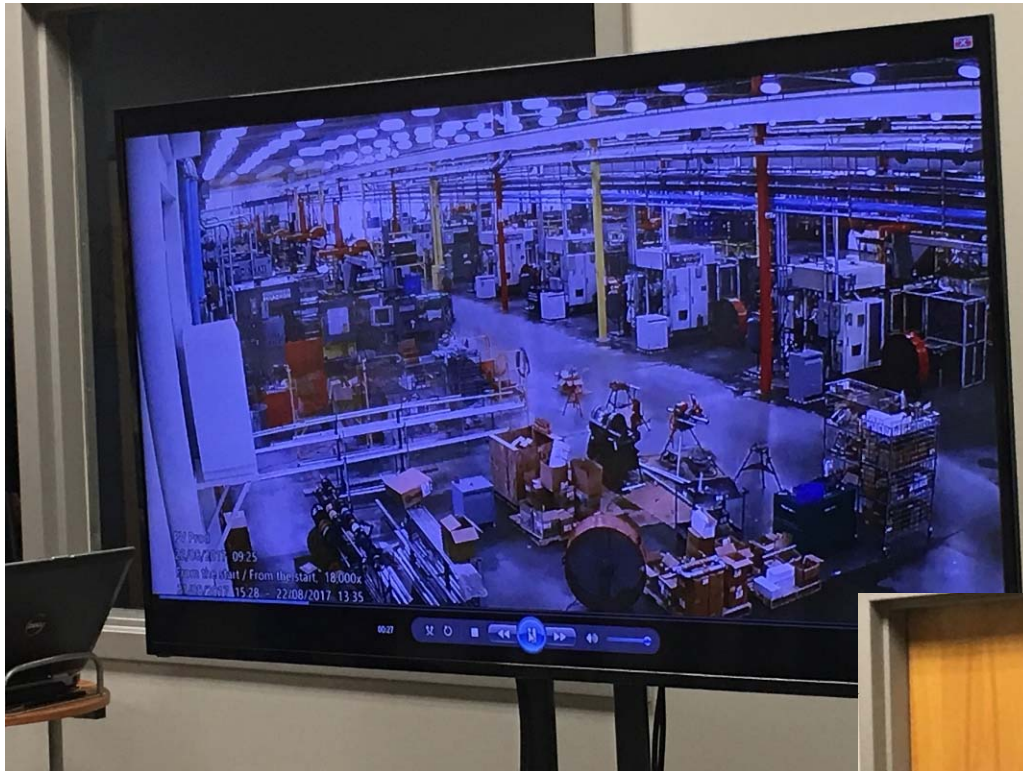
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# February Meeting Highlights



Mar-Bal

Vince Profeta, VP Product Engineering  
and Manufacturing Technologies



Scott Balough, President / CEO





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A basketball player in a red jersey is captured mid-air, jumping to shoot a basketball into a hoop. The hoop is mounted on a large, curved, light-colored structure. The background shows a clear blue sky and a body of water, suggesting an outdoor beach court setting.

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# Membership Report - 2019

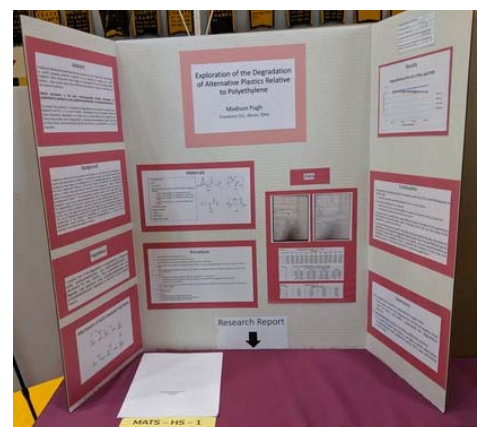
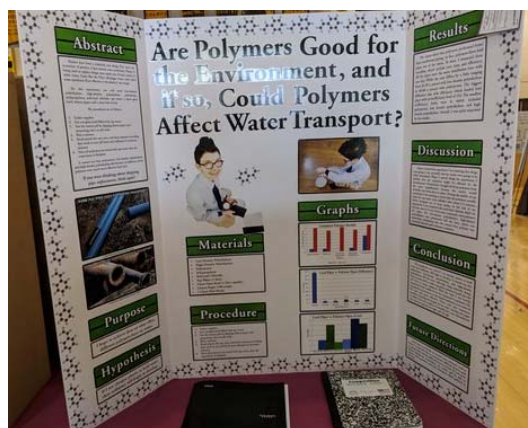
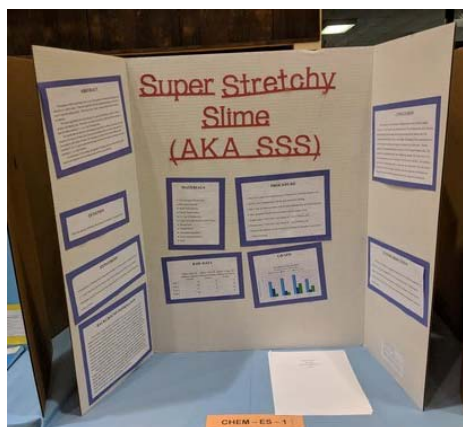
The Akron Section currently has 252 active members.

Month	Active	New + Renewal
Jan	252	5 + 0
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		

## Say hello to new members

Emma Harmon, Student  
 Gregory Larsen, Schneller LLC  
 Ehsan Raei, Student  
 Anshul Singhal, University of Michigan  
 Trupti Vadhan, Student

## 3rd Annual Akron Public Schools 2019 Science, Math and Technology Expo



A winner in each age group received a cash prize for their plastics related science fair projects. In addition, Akron SPE recognized Ms. Poulos class at Jennings Community Learning Center for their strong showing of polymer related projects.

Elementary School  
 David Adair (NIHF)  
 Super Stretchy Slime

Middle School  
 Wolfgang Gliebe (NIHF)  
 Are Polymers Good for the Environment, and if so, Polymers Affect Water Transport?

High School  
 Madison Pugh (Firestone)  
 Exploration of the Degradation of Alternative Plastics Relative to



# Board Meeting Minutes – February 4, 2019

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

**Present:** Nicole Fraifogl/Brostowitz Keith Pelfrey, Gary Taylor, Larry Stanek, Josh Seylar, John Fellenstein, Kevin Malpass, Joe Mattingly, Bob Weiler and Che-Kuan Lin

**Absent:** David Schultz, Tom McQuaide, Bob Wegelin, Tony Dean, Sherri Hart, Viv Malpass, Dan Jones and Sahil Gupta

Reviewed and approved minutes from January BOD.

Review from President - January meeting joint with ACCESS went well with Abraham Joy bringing a unique medical perspective to U of Akron and PolyLux projects.

## **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 besides Tabletop good to have Panel discussion as meeting format- Plan to start meeting at 4PM

April 15- planned Magnet from Cleveland presentation

May 20- Awards at Firestone CC

## **House—Gary Taylor/Bob Wegelin**

Gary confirms we are set for basic schedule of Akron meetings for rest of the year at Hilton- W. Market.

## **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, ideas welcome

Larry plans to get update from Cleve reference to now moving forward as planned joint venture to have PlastiVan program in Cleve area.

## **Membership—Sherri Hart**

Plans suggested 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/determine reasons for not re- signing.

Issues continuing Students not noted in Membership list- Sherri addressing.

## **Treasurer—Gary Taylor**

Report provided all updated info for early year.

Gary still awaiting final news on rebates for 2018 and plans?? for 2019.

Joe Mattingly currently auditing 2018 books – target return March 2019.

## **Councilor—Kevin Malpass**

Kevin reports he sat in on Dec Council Meeting – reports increased members for 2018-19 but revenues down and deficit potential again for 2019- plans underway to modify logistics and format of Intl SPE.

Plans in place to change Membership policy no free Sections/Divisions cost \$135.00- STRESS TO SIGN UP FOR AKRON

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





# Board Meeting Minutes – 2/4 continued

## **Student Chapter—CheKuan Lin and Joshua Seylar**

Approved monies to 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.

Tony in process of pulling together all Communication Pinnacle aspects for submission to Intl.

BOD suggests potentially touching bases with companies that we will be touring- mostly Cleve based for advertising on Akron website- suggest review with Cleveland.

Tony in process of determining Intl interest to aid in AIM Conference in Cleveland- Akron and Cleve want to participate- World Polymer Expo

## **National Awards—Larry Stanek**

Larry noted detail-topics around Education, Outreach and Communication with BOD for new Pinnacle/Communication Award criteria as we tackle various sections per quarter

Larry – any updates for Pinnacle award?

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.

Keith informs appreciate any added help. This would involve Intl Awards- Fellow and Honored Service-determined we have a couple identified Honored Service Member candidates for this and next year but no Fellow candidates currently.

## **Education Committee—John Fellenstein**

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

Second semester scholarship checks have been sent out, need to track down one.

Approved sponsorship for judges at Western Reserve Science Fair set for March 16<sup>th</sup> need judges

Informs Essay contest is about to start- needs contact info for added MS/HS in area- checking with ACCESS for added input.

## **Education Foundation—Joe Mattingly**

No report.

## **Growth Committee—Kevin Malpass**

No update still IMPORTANT area.

Kevin reports that 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 re-developed as potential new members join.

# Board Meeting Minutes – 2/4 continued

## 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.

## ACCESS Update

ACCESS has handled all logistics issues and carried out training for new website.

## **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- L. Stanek

Meetings scheduled for 1<sup>st</sup> Monday of Month- same as SPE BOD dates- Dan Jones will be attending for Akron Section. Anticipate that SPE will need to expand into undergraduate contacts- awards plus added Graduate Awards.

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

Meeting Adjourned. Next BOD Meeting set for March 4, 2019 at PEAC- 5:30PM.

## 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.

February 4, 2019

March 4, 2019

April 1, 2019

May 6, 2019

June 3, 2019

**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.**

# 2019 Scholarship Program Information



AKRON

## Background

The purpose of the Akron Section of the Society of Plastics Engineers Scholarship Program is to promote knowledge in polymer science, engineering, and technology. Started in 1988, it has awarded over \$300,000 to area students. Preference is given to students enrolling in two- and four-year programs with a focus on plastics and polymers.

Scholarships up to \$3000 per year will be awarded and can be used for tuition, books, laboratory fees, and other educational costs necessary to earn a certificate or associate or baccalaureate degree in preparation for a career in polymers.

## Scholarships Available

Goodyear Tire & Rubber Company

Rubbermaid

Kenneth L Sharp Memorial Scholarship

Jim Steiner Memorial Scholarship

SPE - Akron Section

Special Merit Awards

*Names of scholarship recipients will be distributed to donor companies for possible internship or cooperative programs. The number of scholarships awarded per year will vary according to the number of qualifying applicants.*

## First-time Applicants

Interested students from local high schools, technical and vocational schools, and area colleges are encouraged to fill out the attached SPE Scholarship Application form, including the essay, references, and current transcript. Students are encouraged to discuss their interests in plastics.

All scholarships are awarded for one year with option for renewal. The awards are for full-time, undergraduate, students only. Co-op students are also eligible

## Renewal Applicants

Renewal Instructions:

1. Maintain a minimum **2.5/4.0** grade point average or equivalent.
2. Submit grade reports and course selections demonstrating polymer-related curriculum prior to start of next semester.
3. Apply for renewal scholarship using SPE application form. (References and essay are not required for renewal.)

## Scholarship applications should be sent to:

**Akron SPE**  
**Attn: John Fellenstein**  
**250 South Forge Street**  
**Akron OH 44325-0301**  
OR  
[jfellenstein@uakron.edu](mailto:jfellenstein@uakron.edu)  
**Deadline is March 18, 2019**

## Selection Criteria

1. Scholastic Achievement
2. Interest in a plastics career
3. Extracurricular activities
4. Financial need
5. Two letters of reference from instructors or supervisors. (to be included with application)

Residence within area covered by Akron SPE

## 2018 Award Recipients

### Rubbermaid Scholarship

Walid Abuhashim

*The University of Akron*

### Kenneth L Sharp Memorial Scholarship

Joseph Rizzo, Jr.

*The Ohio State University*

### Goodyear Scholarship

Emma Harmon

*The University of Akron*

### Jim Steiner Memorial Scholarship

Gina Tubo

*The University of Akron*

### SPE – Special Merit Scholarships

Nicolette Athans-*Ohio University*

Jack Bahmer-*Texas A&M*

Tanner Brahler-*The University of Akron*

Erin Christian-*The Ohio State University*

Ean Hudspath-*The University of Akron*

Carter Kuwatch-*The University of Akron*

Kaila Oberhaus-*The Ohio State University*

Connor O'Brien-*Virginia Polytechnic*

Steven Prexta-*The Ohio State University*

Victor Vogt

Jasmine Walker-*Central State University*





# 2019 Scholarship Application & Renewal Akron Section - Education Foundation

1. Applicant Name: \_\_\_\_\_
2. Your Home Address: \_\_\_\_\_  
City: \_\_\_\_\_ Zip: \_\_\_\_\_ Home Phone: \_\_\_\_\_
3. Your Address at School: \_\_\_\_\_  
City: \_\_\_\_\_ Zip: \_\_\_\_\_ School Phone: \_\_\_\_\_  
Your Email address: \_\_\_\_\_
4. Current School: \_\_\_\_\_  
Course of Study: \_\_\_\_\_  
Cumulative GPA: \_\_\_\_\_
5. School/College to be attended: \_\_\_\_\_  
Proposed Course of Study/Major: \_\_\_\_\_  
Expected Degree: \_\_\_\_\_ Expected Graduation Year: \_\_\_\_\_

**New Applicants Only, please continue:**

6. Please briefly describe how you intend to finance your education: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Current and Past School Activities: (attach separate sheet or resume if necessary – 1 page only please)\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. On a separate sheet of paper, type a short discourse (no more than two pages) describing your enthusiasm and interest in pursuing a career in a STEM field that focuses on plastics or polymers (*or another related field*) as well as how your intended field of study will help you achieve your career goals.
9. Have **two** (and only 2) academic references (instructors or supervisors) provide the committee with a letter documenting their insights on your scholastic achievements and potential for future success in a STEM related career. Attach these references to this application.

**All applications must include a current transcript.**

**All Applicants return application by March 18<sup>th</sup>, 2019 to the following address:**

**Akron SPE**

**Attn: John Fellenstein**

**250 S. Forge St Akron, OH 44325-0301**

For questions, please contact John Fellenstein, phone: 330-972-6334, or email

[jfellenstein@uakron.edu](mailto:jfellenstein@uakron.edu)



# 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.

Name of Nominee (include title) \_\_\_\_\_

Address \_\_\_\_\_ Phone No. \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Zip code \_\_\_\_\_

Present affiliations (Plastics, including dates and positions held) \_\_\_\_\_

Former affiliations (Plastics, including dates and positions held) \_\_\_\_\_

Specific contributions (Patents, publications, etc. to plastics industry) \_\_\_\_\_

Related Plastics activities (Clubs, Organizations) \_\_\_\_\_

Brief statement supporting the candidate (Attach additional pages, if necessary) \_\_\_\_\_

### **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](mailto: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 **13<sup>th</sup> 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 **ACCESS**  
-- Hilton Fairlawn - Akron \*
- Feb. 11 **Mar-Bal**  
Thermoset Molding, Tour  
-- Mentor, Ohio - Cleveland \*
- Mar. 11 **Extrusion Event**  
After-Market Suppliers  
-- Hilton Fairlawn - Akron \*
- 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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# Akron Section Past Presidents

60 years of  
excellence

1959-1960	Donald F. Siddall	1988-1989	William E. Tosko
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

**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!**



# Akron Section Board of Directors

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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

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**Website, E-Blast & Newsletter Advertising**

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**Insertion Order 2018-19**

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

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

This is the 60<sup>th</sup> 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.**

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**Email artwork and this Insertion Order (completed) as an attachment to [francis@neo.rr.com](mailto:francis@neo.rr.com)**

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**Mail checks, payable to AKRON SECTION SPE, to:**

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c/o Gary Taylor  
Akron SPE  
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Wadsworth, OH 44281