

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, February 11, 2019

5:00 p.m.



Mar-Bal – Tour
787 Renaissance Parkway
Painesville, Ohio 44077

Mar-Bal, Inc., headquartered in Chagrin Falls, OH, is the leading integrated compounder and molder of BMC Thermoset composite products and value-added finishing services. Mar-Bal has been recognized as one of America's fastest growing companies for 2 consecutive years (2013, 2014).

Mar-Bal serves the appliance, electrical, industrial, food service and transportation industries from their four facilities in North America, one facility in Taizhou, China and Asia Sales Office in Shanghai.

Mar-Bal, The One-Source Solutions provider of BMC Thermoset Composites, continues to research and formulate advanced materials, develop innovative products and has a portfolio of brands and proprietary products delivering composite solutions and enabling our customer's technology and success.

Since 1970, Mar-Bal has engineered and manufactured quality, customized materials and parts while delivering unmatched client cost-effectiveness through superior customer service and commitment to total value.



Meeting Information

Member and/or guest	\$30
Non-member	\$35
Retired	\$25
Student	\$10

Member arrivals	5:00 p.m.
Introduction and overview	5:15 p.m.
Plant tour	5:30 p.m.
Catered dinner with Q&A	6:00 p.m.

Reservations by noon on Wed, Feb. 6 to Dan Crist at mail@cmd-tip.com or 440-227-5424

Include company affiliation including dietary restrictions. Mar-Bal reserves right to screen participants.

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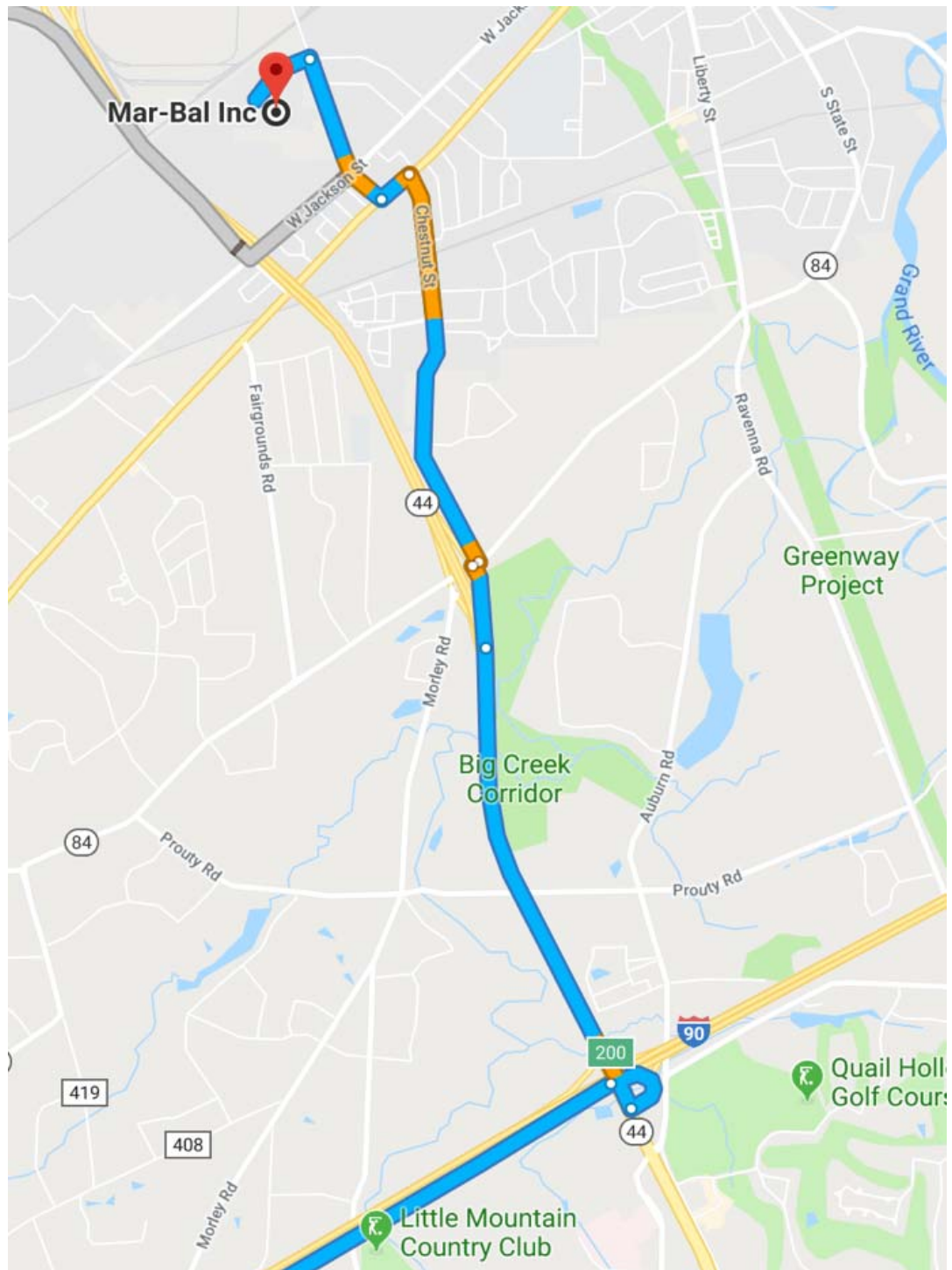
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Directions to Meeting

From Cleveland / Akron

Take I-90 east to Exit 200 (SR44). Go south on SR44 and take exit for OH-84 and turn right at end of ramp. Turn left immediately on Chestnut (north). Follow Chestnut and then turn left on Mentor Ave and then right on Newell St. Turn left on Renaissance Parkway, Mar-Bal is on the left.

You may zoom in



Speaker Biography

Scott Balogh
President & Chief Executive Officer
Mar-Bal, Inc.



Scott Balogh, a Cleveland native, joined Mar-Bal Incorporated in 1992. Mar-Bal, Inc. is a thermoset plastics manufacturing company that compounds resin and produces molded products for the major appliance and electrical industries. During Balogh's career, Mar-Bal has grown its annual sales by over 35 million. In addition, the company has also added manufacturing locations in not only Ohio, but Missouri and Virginia as well. Mar-Bal also opened a sales office and manufacturing location in China in 2015. Today, Mar-Bal, Inc. is one of the top thermoset injection molding manufacturers in the United States and employs nearly 500 people.

Balogh serves on the boards of the Ohio Manufacturers Association (OMA) and the American Composites Manufacturers Association (ACMA). He has been a member of the World Presidents Organization (WPO), Cleveland Chapter since 2004 and has served as chairman of the YPO Plastics Network since 2010.

Balogh attended Capital University in Columbus, Ohio and graduated in 1984 with a B.A. in Business Administration and Economics. Balogh is married to Stacy Banks and they have three children, Maia (29), Madeleine (26) and Micah (24).



MEGATRENDS IN VINYL

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CALL FOR PAPERS

Abstracts due February 1, 2019
Presentations due August 30, 2019

CO-CHAIRMAN
Bob Weiler, Amfine
rweiler@amfine.com

CO-CHAIRMAN
David Schultz, Harwick Standard
schultzd@harwickstandard.com



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Akron, OH • October 1-3, 2019
Presented by SPE Akron Section & SPE Vinyl Plastics Division

Advertiser Index

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There is still time to join us for this season's advertising – see page 32 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




EVOLVED

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March Meeting Preview – Extrusion Mini Tec

Monday, March 11 - Extending the life of your Extruder

This event will be held at the Hilton Inn in Akron.

A panel discussion will be held after dinner. Our panel will include three local companies - Akron Tool & Die/Diamond America, NFM/Welding Engineers and STEERAmerica.

Social/networking will begin at 5:30 p.m., with dinner at 6:00 p.m. and the panel discussion following dinner. Pricing for this session will be \$30 for member/guest, \$20 for retiree and \$5 for students. New members will enjoy their first meeting at no charge.

Please submit your reservation by noon on Friday, March 8 to akronspe1@gmail.com or call Gary Taylor at 330-419-4380. Be sure to include the company affiliation of each attendee including dietary restrictions.



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SPE National

Please click the following areas of interest:

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Celebrate Akron Area Engineering! Thursday, February 21, 2019



Engineers Week Banquet

www.AkronEweek.com

5:30pm Social Hour & Student Displays

6:30pm Dinner & Program

Emidio & Sons Banquet Center
48 East Bath Road (at State Road)
Cuyahoga Falls

The program will feature award recognitions from local organizations and showcase student design team competitions from The University of Akron.



The
University
of Akron



Tickets \$35 (\$30 before February 1) and **Students \$20**

Sponsorship

Various opportunities available.

Platinum donors can exhibit a table-top display in the banquet hall; see ticket order form.

Akron E-Week Scholarship

The Scholarship Committee is taking nominations for 2019 awards.

Applications can be obtained from the Akron E-Week website.

MATHCOUNTS® contest for middle school students

Saturday, February 2, 2019 at The University of Akron

Contact David Tschantz: 330-864-0646 or tschantz.david@att.net

2019



Celebrate Akron Area Engineering!

Thursday, February 21, 2019

Emidio & Sons Banquet Center
48 East Bath Road, Cuyahoga Falls, Ohio 44223



The
University
of Akron



Greetings!

You are cordially invited to join us at the **Akron Area Engineers Week Banquet** on **February 21, 2019** at **Emidio and Sons Banquet Center** at 48 East Bath Road (*at State Road*) in Cuyahoga Falls to enjoy an evening of fellowship with colleagues, friends and family; honor the scholastic accomplishments of our future engineers, and salute our local professional engineers and engineering educators!

This year, we encourage you to purchase your tickets on EventBrite!
NO TICKETS WILL BE MAILED. CHECK IN WILL BE AT THE EVENT.

<https://www.eventbrite.com/e/2019-akron-area-engineers-week-banquet-tickets-51231034403>

Enclosed is an advertisement and ticket order form. We would appreciate your help in promoting this event to your organization. Please promptly distribute the enclosed flyer highlighting the banquet.

The adult ticket price of **\$35** (discounted ticket for **\$30** if *payment is received before February 1*) and student ticket price of **\$20** includes dinner and program. Tables of eight may also be purchased. Please remember to indicate your seating preference on the order form. Seating arrangements will be displayed at the banquet center entrance and each table.

Ticket Sales Contact: Brent Sisler • 330-864-7555 (please leave message) • marybrentsisler@cs.com

Mailing Instructions

Mail your check or money order and the form below to:

Akron Area Engineers Week Tickets
c/o Brent Sisler
2077 Stabler Road
Akron, Ohio 44313

Please make checks payable to **“Akron Area Engineers Week”**

EventBrite Directions

For added convenience, tickets can be purchased by any major credit card. All personal information is secure since purchases are made directly through EventBrite. See the Akron Area Engineers Week website for details, <http://www.AkronEweek.com>.

To receive the reduced price of \$30, payment must be received prior to **February 1, 2019**.
If payment is received after February 1 the price is \$35.

No ticket sales at the door! No tickets will be mailed!

We look forward to seeing you and your organization at the Banquet in February!

Sincerely,

Akron Area Engineers Week
Planning Committee



Celebrate Akron Area Engineering!

Thursday, February 21, 2019

Emidio & Sons Banquet Center
48 East Bath Road, Cuyahoga Falls, Ohio 44223



The University
of Akron



Akron Area Engineers Week 2019 Planning Committee

Please do not hesitate to contact us with any questions.

Position	Name
Chair	Brent Sisler – ASME
Past Chair	Mary January – SWE
Website, VIP Invitations	Lois Weir – AIAA
Program Booklet, Printing	Bill Kessler – SME
Treasurer	Dave Houser – ASME
Fliers & Mailings	Mary January – SWE
Sponsorship	Jim Dowey – IEEE
Ticket Sales	Brent Sisler – ASME, ADSPE
Awards	Dan Jones – SPE
Restaurant, Audio/Visual, Program	Mark Elicker – ADSPE
Scholarship	Bartev Sakadjian – AIChE
2020 Steering	Frank Bronzo – ASHE Joan Zbin – ASHE
Proclamation, Photographer	Gregg Loesch – ASCE
Public Relations	Lou Cseko – ASM
Master of Ceremonies	Gerard Neugebauer – ADSPE



TICKET ORDER FORM

Celebrate Akron Area Engineering!

Thursday, February 21, 2019

Emidio & Sons Banquet Center - 48 East Bath Road, Cuyahoga Falls, Ohio 44223



We encourage you to purchase tickets on EventBrite! No tickets will be mailed.

<https://www.eventbrite.com/e/2019-akron-area-engineers-week-banquet-tickets-51231034403>

Contact Information

Name _____

Organization _____

Street _____

City/State/Zip _____

Phone _____ Email _____

Sponsorship: Please indicate selected grade with a



<u>Grade</u>	<u>Donation</u>
<input type="checkbox"/> Platinum (<u>WITHOUT</u> display table)	\$250 or more
<input type="checkbox"/> Platinum (<u>WITH</u> display table)	\$250 or more
<input type="checkbox"/> Gold	\$150 - \$249
<input type="checkbox"/> Silver	\$100 - \$149
<input type="checkbox"/> Bronze	up to \$99

Sponsorship Donation Amount \$ _____

Tickets

<u>Number of Tickets</u>	<u>Type</u>	<u>Cost (per each)</u>
_____	Adult (<i>payment received <u>BY</u> February 1</i>)	\$30
_____	Adult (<i>payment received <u>AFTER</u> February 1</i>)	\$35
_____	Table for 8 people	\$240
_____	Student	\$20

Tickets TOTAL \$ _____

Preferred Seating: Please ONLY one selection

- ACM ACCESS ACS ADSPE AICHe AIAA ASCE APC
- ASHRAE ASM ASME ASQ ASHE ASSP IEEE IIE
- ISA SAE SME SPE SWE UAEAA
- Company/Organization: _____



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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 curved, light-colored concrete structure. The background shows a clear blue sky, a body of water, and distant mountains. The scene is set on a sandy beach court.

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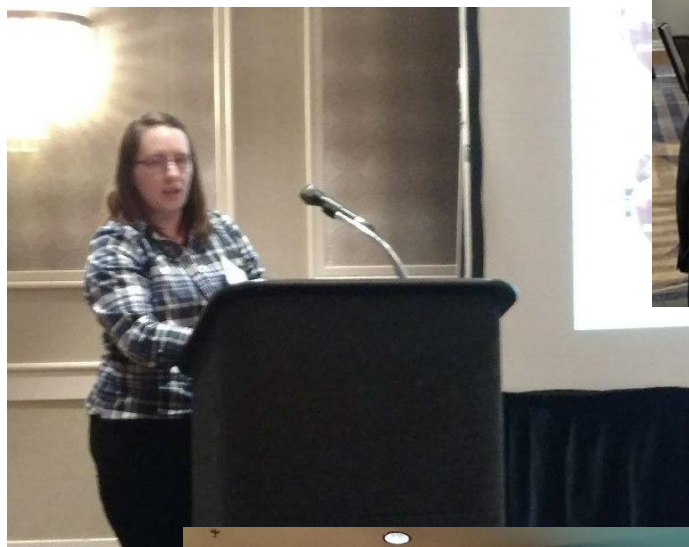
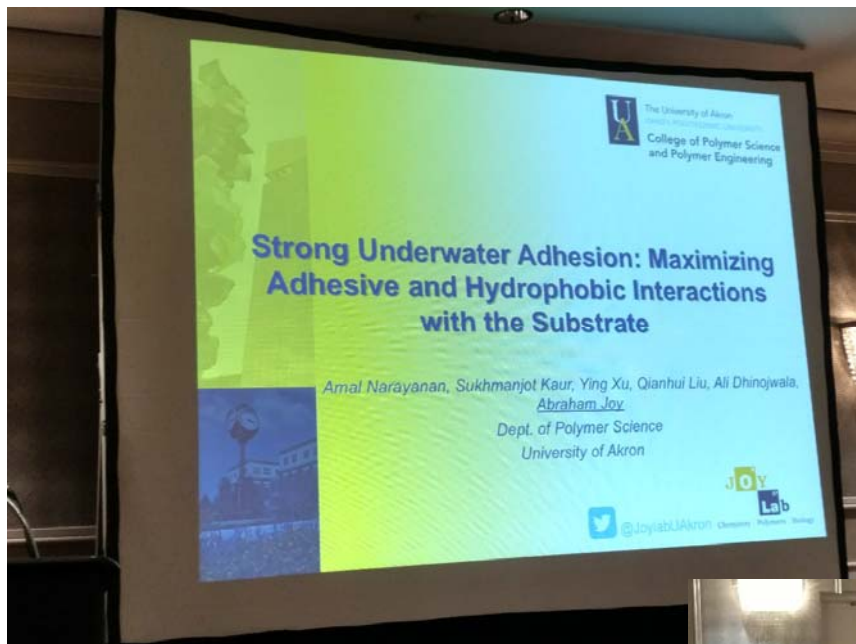
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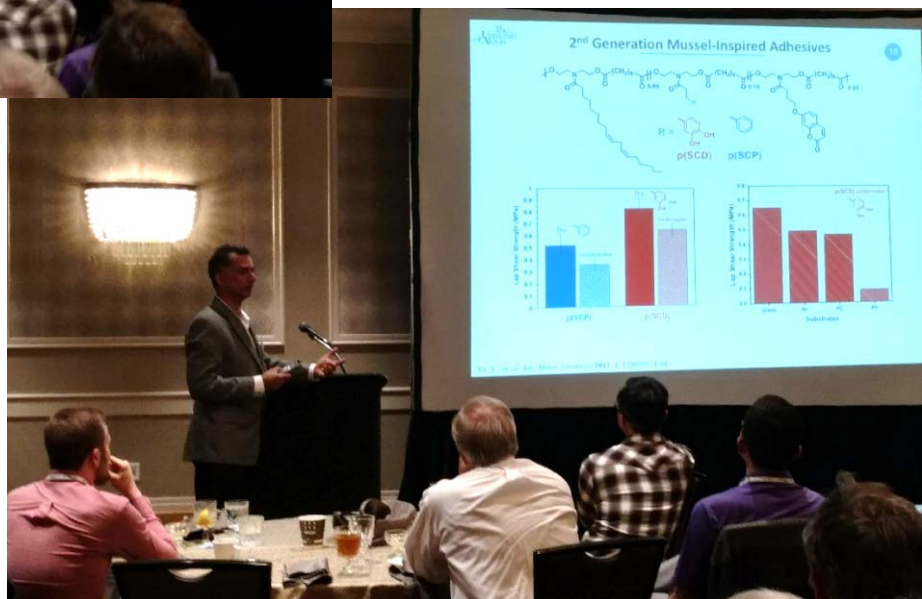
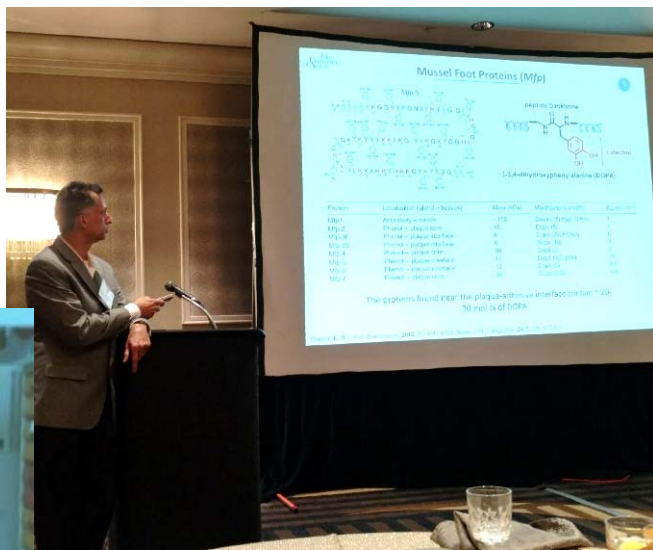
January Meeting Highlights



January Meeting Highlights



January Meeting Highlights



SPE Council Meeting December 13, 2018 – Virtual Online

1. Welcome, Antitrust and Conflict of Interest (B. Grady)

2. Approval of agenda (B. Grady)

3. Roll Call (C. Carlin)

4. Approval of minutes (C. Carlin)

Motion to approve minutes by B. Mulholland. 2nd by Paul Uglum (Color & Appearance). **Motion** carries.

5. President’s Opening Remarks (B. Grady)

President Grady reviewed the memorials for the following distinguished past members: *In memoriam*: Art Buckel, Michael Cappellitti, Bill Carteaux, John R. Kretzschmar, Marc Ommeslagh, Walter J. Schrenk, Norton C. Wheeler, Jr.

6. Financial Summary (J. Dworshak)

VP Finance, J. Dworshak, presented the following summary of SPE’s financial performance:

- We are doing better than budget in 2018
- Projecting an Operating deficit for 2019 of \$493K
- Project deficit is less (better) than budgeted deficit in 2018 by \$139K
- Lower expected investment results based on portfolio / strategy

All details are posted to The Chain for members to review in more detail. A summary slide is offered here:

	Oct-18	Month	Month Budget	YTD	YTD Budget	Annual Budget
REVENUES						
Membership/HQ (1)		\$147,611	\$159,333	\$1,717,525	\$1,593,334	\$1,912,001
Foundation		\$37,451	\$38,625	\$319,522	\$386,250	\$463,500
HQ Events		\$597	\$833	\$797,699	\$886,833	\$888,500
Supported Events		\$3,958	\$78,500	\$166,261	\$332,500	\$348,500
Total Revenues		\$189,617	\$277,291	\$3,001,007	\$3,198,917	\$3,612,501
EXPENSES						
Membership/HQ		\$218,205	\$243,013	\$2,287,071	\$2,430,134	\$2,916,161
Foundation		\$53,882	\$49,125	\$388,675	\$491,246	\$589,495
HQ Events		\$447	\$157	\$558,627	\$715,468	\$715,781
Supported Events		\$2,325	\$1,250	\$14,118	\$21,900	\$22,600
Total Expenses		\$274,859	\$293,545	\$3,248,491	\$3,658,748	\$4,244,037
RESULTS						
Operational result		(\$85,242)	(\$16,254)	(\$247,484)	(\$459,831)	(\$631,536)
Investment/Interest		\$8,687	\$33,417	\$133,376	\$334,167	\$401,000
Total Result		(\$76,555)	\$17,163	(\$114,108)	(\$125,664)	(\$230,536)
Wiley Deferred revenue		\$12,500	\$0	\$125,000	\$0	\$0
Final Result		(\$64,055)	\$17,163	\$10,892	(\$125,664)	(\$230,536)

CEO Farrey responded to several questions about budget and investment:

- SPE investment account = ~\$5MM
- SPE will have to draw from investment accounts if expenses continue to exceed revenues
- Council members asked about paid membership forecast; budgets were made available to Councilors in advance of meeting. There is a ~10% increase in membership income
- Farrey stressed that SPE cannot continue to operate the way it has in the past because of the negative budgets. The EB has taken a hard look at the operating model and decided that changes are required. Details to be presented to Council as soon as they are finalized
- Reviewed IT infrastructure and realized savings; some will not occur until 2020 because some longer-term contracts were signed. \$60k/yr until Feb 2020.
- Where do we show loss carryover? (Czuba)
 - SPE is non-profit and therefore does not need to account for loss carryover for tax purposes.

7. Divisions Committee (J. Lyons)

- In accordance with Policy 15, Alloys & Blends SIG will be terminated. Divisions is making a recommendation that needs to be approved by Council.
- **Motion** by Lyons; second by Paul Zerfas.
- 54 yes / 3 abstentions
- **Motion** carries

8. By-Laws & Policies (B. Mulholland)

- Article 18.2.2 – consistent with insurance requirements for US-based chapters (include BH text). Some of the text was different from what was posted but the committee felt that these changes were minor wordsmithing.
- Non-US-chapters should gain insurance consistent with appropriate requirements in their respective countries
- **Motion** to accept by-law as shown (full text available)
 - 2nd by Abhishek Ambekar
- Discussion about if SIGs / Student Chapters / Divisions in Formation are covered by HQ plan; because they are not legal entities there is no separate requirement. Full text:
- Article 18.2.2 All U.S.-based Sections and Divisions are required to participate in the SPE Chapter Insurance Plan or equivalent to cover activities at the Section and Division level (see Operating Policies 013 and 014). Non-U.S. based Sections and Divisions shall obtain coverage consistent with the regulations and practices of their country or local jurisdiction. Student Chapter and SIGs remain covered under SPE Headquarters policy as stated in 18.2.
- **Motion** amended to include above in existing sentence
 - 2nd by Matthew Curran
- **Motion** approved (56 Y / 1 N)
- **Motion** to approve 18.2
- **Motion** approved

9. CEO Update (P. Farrey)

- Phishing reminder: \$12k has been lost by society chapters in various scams

10. ANTEC Preview (P. Farrey)

- New format: Inspire (traditional) / Insights (new)
- Added this year: chapter leader roundtable; 2 post-conference evening events / expanded time for council meetings
- Registration and special pricing announced for volunteer leaders – everything posted on LL
- Q&A on LL and/or CCOW

11. Old Business / New Business (B. Grady)

- Jan 18 = meeting the candidates
- Move to adjourn Michael Amey / 2nd Eric Teoh / Adjourned at 16h59 CET

Board Meeting Minutes – January 7, 2019

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

Present: Nicole Fraifogl, Gary Taylor, John Fellenstein, Bob Weiler, Sherri Hart, Larry Stanek, Josh Seylar and Che-Kuan Lin

Absent: Tom McQuaide, Bob Wegelin, Kevin Malpass, Tony Dean, Viv Malpass, Joe Mattingly, Sahil Gupta, Keith Pelfrey, David Schultz, Dan Jones

Minutes from 11/5/18 meeting were reviewed and approved, motioned-L. Stanek, seconded-G. Taylor

Technical Program 2018/19—Nicole Fraifogl

The speaker from Cedar Point may not be available for the January 14 meeting. Nicole will contact Dr. Becker or Dr. Joy from the University of Akron as possible backup speakers.

House—Gary Taylor/Bob Wegelin

Gary confirms we are set for the holiday party Dec 10. So far 35 people have signed up to attend. Jan 14th SPE meeting with ACCESS is confirmed at the Hilton in Fairlawn. Admission is \$30, \$25, \$10.

Technical Program 2019/20—Larry Stanek

Larry discussed possible backups for future programs, in case of cancellations.

Topic-Plastics in automobiles – history of Japanese/US Saturn joint venture

Confirmed Nov 2019 Entec Plastic resins- New Polymers/Advancements, Solving Plastics Potential problem-Plastics in Martian Mission (NASA).

Membership—Sherri Hart

Currently at 249 members

Only 3 new members since last report run 11/2/18.

Sherri will follow up with Allan Lee of SPE to see if new, and renewing, members are assigned to the Akron section based on 44xxx zip code, even if they do not add Akron section on the member sign-up/renewal.

The new student member names did not show up on the auto-generated report. Nicole recommended the issue be posted to the Chain. Sherri will follow up.

Treasurer—Gary Taylor

Gary provided updated information and reviewed the final accounting for TOPCON.

Councilor—Kevin Malpass

A backup may be needed for Kevin to call in to the Councilors meeting in mid-December.

Student Chapter—CheKuan Lin and Joshua Seylar

Josh reported that the Fall Semester Membership drive was successful and several U of Akron students signed up for the SPE Student Membership.

SPE Student holiday party is being held Friday 12/8/18 - in the Student Union, 3rd floor. All SPE BOD members are welcome to attend.

Public Interest/Website/Newsletter—Tony Dean

Tony emailed report to board to get feedback on possible partnership with AMI for 2019 Compounding World expo. Before we agree to partnership, national SPE will need contacted in case of potential conflicts.



Board Meeting Minutes – 1/7 continued

National Awards—Larry Stanek

Larry volunteered with Plastivan at I Promise School Larry and has pictures that can be used for website/Facebook.

He will work on Best Practices with Dave Schultz (on behalf of Viv).

Section Awards—Keith Pelfrey

Bob Weiler will fill in for Keith Pelfrey.

Education Committee—John Fellenstein

John reported that Plastivan has gone very well at the I Promise School and Nolley Elementary. The program finishes up this week.

Entries to be received for Essay Contest, deadline is end of February.

Education Foundation—Joe Mattingly

Joe reported Foundation current balance.

New tax accountant: Stinnett, Padrutt & Aranyosi, CPAs

Carl B Grzeschik, CPA, MT

3465 S. Arlington Rd – Suite A

Akron, OH 44312

Joe registered as an agent of the foundation with the State of Ohio

Old Business:

None

New Business:

None

Meeting Adjourned – 6:35 PM

Next BOD Meeting set for January 7, 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.



AKRON

2019 "Wonders of Plastics" Essay Contest

The Akron section of the Society of Plastics Engineers (SPE) is pleased to announce the 2019 "Wonders of Plastics" essay contest.

Eligibility

The contest is open to all middle/junior high and high school students. The essay must be sponsored by one of the students' teachers.

Prizes

First place high school essay - \$100

First place middle/junior high school essay - \$100

The sponsoring teacher of each winning essay will receive \$25

The winning essays will be printed in the Akron Section's Newsletter.

Topics to consider

Advantages of plastics in food packaging

Creative use of recycled plastics

How plastics benefit humankind

How plastics improve our lifestyle

Plastics in the environment

Plastics usefulness in society

What plastics have done for me

Why the bad reputation of plastics is wrong

Submit your Essay to

Polymer Engineering
The University of Akron
Attn: John Fellenstein
250 S. Forge St
Akron, OH 44325-0301

Questions may be directed to the Akron SPE Education Committee, attention: John Fellenstein by phone or email

Tel: 330-972-6334 | **Fax:** 330-972-2624

Email: jfellenstein@uakron.edu

Entry must be postmarked by February 28, 2019!

REQUIREMENTS FOR SUBMISSION

General

Length:	Between 500 and 1,000 words
Format:	Typewritten in English on 8 ½ x 11 paper, title to appear as heading on each page; no name on any page except the entry form that must accompany each essay; 1-inch margins minimum on all sides
Authors:	The essay may be written individually or co-authored by two students
Deadline:	February 28, 2019 (postmarked)

Organization

The organization structure of the essay should be “logical,” including the following considerations:

Introduction:	Optional
Thesis:	Several sentences
Development:	This section should be several paragraphs and should discuss the theme, analyze it, feature informal research about the theme, etc.
Conclusion:	This section should be at least one paragraph in which the author summarizes the ideas presented in the essay

Mechanics

Spelling should be correct; syntax should be readable; punctuation should be conventional. Essay should be free of sentence fragments. Diction (word choice) should be appropriate to the subject and the writer’s understanding of the topic. Point of view should be appropriate to the topic/subject and remain constant and consistent. A mixture of first and third person is acceptable if it is appropriate to the voice of the essay. However, the use of second person (“you” either stated directly or implied) will change the “voice” of the essay in a manner damaging to its effectiveness. Footnotes and references must be included when necessary.

Judging

Essays will be judged by a panel. In order to be judged, the essay must meet all the conditions as stated in the organization and mechanics above, with only incidental errors in mechanics. The essay must also meet the assigned minimum length and must be submitted following the prescribed format.

ENTRY FORM

Title: _____

By: _____
type or print

About the author(s)

Name(s) _____ age _____
_____ age _____

Grade in School _____

Address(es) _____

Phone Number(s) _____

E-mail(s) _____

About the school

School _____

Address _____

City/State/Zip _____

Phone/Fax _____

Teacher _____

Class _____

Submit your Essay to

Polymer Engineering
The University of Akron
Attn: John Fellenstein
250 S. Forge St
Akron, OH 44325-0301

Tel: 330-972-6334 | **Fax:** 330-972-2624

Email: jfellenstein@uakron.edu

Entries must be postmarked by February 28th, 2019!

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

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 18th, 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



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

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 **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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E-mail John Inama at johni@polysort.com




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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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 216-744-2740 ext 707 T
 nicole.fraifogl@viscusbiologics.com

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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

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 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

Contact Person

Billing Information:

Company: _____
Name: _____
Address: _____

Phone #: _____
Fax #: _____
Email address: _____

Mail checks, payable to AKRON SECTION SPE, to:

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