



# PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

## JANUARY 14, 2019

<http://paintsociety.org/>



<http://paint.org/>

[psct1927@paintsociety.org](mailto:psct1927@paintsociety.org)

**TOPIC:** It's just a hardener.... or is it? New innovative high-performance polyurethane hardeners – for efficiency, sustainability and more

**SPEAKER:** Michael Jeffries – Product & Tech Service NAFTA – Covestro

**LOCATION:** **ROLAND'S**  
1904 Penn Ave, Pittsburgh, PA 15222  
412-261-3401 • [www.rolandspittsburgh.com](http://www.rolandspittsburgh.com)

**TIME:**

|                         |         |
|-------------------------|---------|
| Board Meeting           | 4:00 pm |
| Social Hour             | 5:00 pm |
| Presentation / Speaker  | 6:00 pm |
| Dinner / Meeting / Tour | 7:00 pm |

**COST:** \$35 with reservation • \$40 at door • \$15 retired

### PLEASE RSVP:

Contact: Art Kasson by  
Thursday, January 10 at  
[psct1927@paintsociety.org](mailto:psct1927@paintsociety.org)

Or Call @ 412-389-4977

Or Sign Up Via PayPal at  
[www.paintsociety.org](http://www.paintsociety.org)



### SPEAKER:

**MICHAEL JEFFRIES**  
**Product & Tech Service NAFTA**  
**– Covestro**

Michael began his career at Covestro (Mobay at the time) in 1989 working in the Quality Assurance Laboratory. In 1992 he moved into Research. There he worked on the scale up of the various polyisocyanates, polyisocyanate prepolymers, polyaspartics and polyurethane dispersions into production. In 1998 he specifically began working on the development on new isocyanate resins for use in the coatings industry. Michael has been awarded twelve patents and holds a BS Degree from the University of Pittsburgh. He is currently a Field Technical Service Manager in the Coatings, Adhesives and Specialties Division of Covestro.

### ABSTRACT:

#### IT'S JUST A HARDENER.... OR IS IT?

**New innovative high-performance polyurethane hardeners – for efficiency, sustainability and more**

For many years, two component polyurethane coatings have been utilized in numerous Automotive OEM interior and exterior applications. They have been chosen for these demanding uses due to the unique combination of high performance, efficiency and robust application properties that they exhibit. Formulating polyurethane coatings in most cases starts by choosing the right polyol component which will largely define the performance of the coating system. The role of the hardener is quite often defined only as the crosslinker for this polyol. This can often lead to the misperception that polyisocyanate hardeners do not significantly enhance the overall performance level. Recently, advancements in polyisocyanate crosslinker technologies have been developed which are dispelling this myth. Several innovative polyisocyanate hardeners are highlighted in this presentation, all of which strongly drive performance of coatings in areas such as improved cure response, increased intercoat adhesion, sustainability and scratch resistance/self-healing ability. These new crosslinkers enable the formulator to tailor the performance of coatings to meet the ever increasing demands of the automotive industry.



## PRESIDENTS MESSAGE

### Dear PSCT Members,

I would like to thank everyone who came out to the Couch Brewery last month. Once again we had a great time and great attendance. The December event has been a great addition to our yearly circuit. Hopefully a tradition we can continue.

I would like to remind everyone that we are still looking for Scholarship Committee members for this year's Hiram P. Ball Memorial Scholarship and STEM Grant. The only requirement is to be an active member and not have a student applying this year. Please contact myself or Karen Hollertz if you would like to take part in such a great cause. Our contact information can be found at the end of this newsletter. Also, if you have a student that qualifies for the scholarship this year, we urge you to check out the application attached to the end of this newsletter or on our website at [paintsociety.org](http://paintsociety.org).

I am proud to announce that we have filled all speaker spots for this year. Thank you to everyone who helped schedule the speakers this year. Please remember, it's never too early to start scheduling speakers for next year. If you know someone that would like to present, please contact a member of our board.

Lastly, come and join us at Roland's in the Strip District on Monday, January 14th. This month's speaker will be Michael Jeffries of Covestro. Michael will be giving a talk about new, innovative, high-performance polyurethane hardeners. I hope to see everyone there for what should be a very technically informative talk.

**Chris Gehly**

**PSCT President 2018-2019**

## HIRAM BALL SCHOLARSHIP

Are you a PSCT member? Do you have a college bound child? Looking for financial aid? The Hiram Ball Scholarship offers scholarships to children of PSCT members who are attending college. A special grant is also offered to up-coming Junior or Senior students following a STEM curriculum. In 2018, three students received \$1500 to aid in their education. **For more details and requirements, see page 8-9 of this newsletter or visit:**

[https://paintsociety.com/wp-content/uploads/2018/10/PSCT\\_Scholarship\\_Form\\_2019.pdf](https://paintsociety.com/wp-content/uploads/2018/10/PSCT_Scholarship_Form_2019.pdf)

## PAINT POT

At the November meeting, Wes Carroll's name was drawn, again. He was not present, so the Paint Pot drawing will be for \$50 at the January meeting. In order to be eligible to win, you must be an active member and must be present at the meeting when drawn. If the drawn member is not present, the pot will roll over to the next month.

## CALL FOR SPEAKERS

We are looking for speakers for next year (fall, 2019 – spring, 2020). If you are interested in presenting, please contact Cheryl Roberts at [cheryl.l.roberts@sherwin.com](mailto:cheryl.l.roberts@sherwin.com).

## ADVERTISEMENT REMINDER

We would like to thank all of the suppliers who have advertised with us in the past and hope we can count on your continued support. If companies want their advertisement displayed in the PSCT monthly newsletter, please contact Art Kasson at [psct1927@paintsociety.org](mailto:psct1927@paintsociety.org).

## WEBSITE

Please visit <http://www.paintsociety.org> and view the website, including the current newsletter, President's message, upcoming events and more. Don't forget you can RSVP and pay for the upcoming dinner meeting and events from the home page of the website. You can also renew your membership directly online.

## 2019 MEETING DATES

February 11th, 2019 – Roland's / 1904 Penn Ave

March 11th, 2019 – Roland's / 1904 Penn Ave

April 8th, 2019 – Roland's / 1904 Penn Ave

May - TBD

**SCHOLARSHIP APPLICATION DEADLINE • MARCH 15, 2019 • NO EXCEPTIONS!**



## PSCT WINTER EXTRAVAGANZA: *Trivia at Couch Brewery*

**ABOUT 20 PSCT MEMBERS.** Guests and Children tested their knowledge of chemistry, geography, general knowledge and thankfully no 1980's popular songs (IMHO – there weren't any).

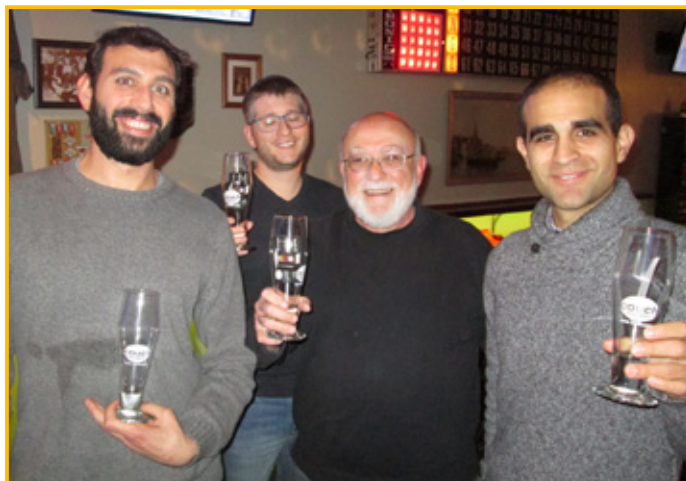
Here's a good test for all Chemistry aficionados, no cheating by looking them up, Final Question of Trivia Night – name at least 7 elements whose symbol of the Periodic Table is the same as a State's Postal abbreviation.

It was a close battle between the various teams of 3 or 4, but team PPG+1, well some ex-PPGers: Dan Bickford, Mark De-Pasquale, Jim Wasik – all associated with PPG at some time and Rob Castaneda – Lanxess, proved to be the holders of a lot of useless information. Some special prizes were awarded to those who were more challenged: Preparing for the ACT, First, Second and Third grade vocabulary tests, etc.

The Beer was good, the Food extraordinary, the Couch Staff friendly and the Trivia Master a lot of fun. Everyone had a good

time. A special thanks for Jeff Scherm and Art Kasson for setting things up with the Couch Brewery and Cheryl Roberts for organizing the caterer and food selection. Each went out of their way to make it a very great extravaganza!

Jim Wasik



To Register: Please log in with your credentials to access this information: <https://memberportal.paint.org/>

**Jan. 9, 1pm EST**

## **CARB's Suggested Control Measure for AIM Coatings**

**Presenter: David Darling, vice president, ACA Health, Safety, and Environmental Affairs**

This webinar will provide an update on the California Air Resources Board's (CARB) development of a new Suggested Control Measure (SCM) for Architectural and Industrial Maintenance (AIM) coatings. Once complete, California Air Districts and the Ozone Transport Commission (OTC) states will utilize the SCM to implement lower volatile organic compound (VOC) regulations for AIM coatings; the SCM will also be utilized for development of Green Building standards. The webinar will review CARB's current proposal, schedule for adoption, and key ACA advocacy efforts.

**Jan. 23, 1pm EST**

## **Sustainability Update**

**Presenter: Tim Wieroniewy, specialist, ACA Health, Safety, and Environmental Affairs**

This webinar will provide an overview of ongoing Sustainability initiatives under the leadership of ACA's Sustainability Committee. These initiatives include ACA's Sustainability Report, and the development of a Sustainability program and Product Category Rules for Resinous Floor and Powder Coatings. The webinar will also provide an update on recent Green Building code and standard development.

**Feb. 6, 1pm EST**

## **TSCA Update**

**Presenters: Riaz Zaman, counsel, ACA Government Affairs**

**Raleigh Davis, assistant director, ACA Health, Safety, and Environmental Affairs**

This webinar will provide an update on U.S. EPA's implementation of the 2016 amendments to the Toxic Substances Control Act (TSCA). The webinar will focus on the agency's Risk Evaluations, New Chemical Review and Significant Use Rules, and finalizing the TSCA Inventory.

## **AC BOOKSHOP Features Latest Technical Titles for the Paint and Coatings Industry**

Visit the AC BOOKSHOP to browse technical literature on myriad topics ranging from coatings basics to formulation expertise, special applications, raw materials, and measuring and testing. Written by renowned experts from the international coatings industry, the AC BOOKSHOP offer ambitious technical knowledge and invaluable practical insights on different levels for current and future coatings experts.

## **OTHER SOCIETIES:**

<https://mnyca.org/>

<http://nesct.org/>

<http://www.ssct.org/default.htm>

[www.chicagocoatings.org](http://www.chicagocoatings.org)

<https://www.clevelandcoatingsociety.org/>



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Not a member of ACA? Learn more at:  
[www.paint.org/about-aca/membership/](http://www.paint.org/about-aca/membership/)

## THE WATERBORNE SYMPOSIUM

Environmentally Friendly Coating Technologies at Astor Crowne Plaza New Orleans, Louisiana: 601-266-4475

**FEBRUARY 24 - MARCH 1, 2019**

<https://www.waterbornesymposium.com/>



**FEBRUARY 11-14, 2019**

Disney Coronado Springs Resort

<http://www.sspc2019.com/>

<https://www.smartcoatings.org/program.html>

## 2019 COATINGSTECH CONFERENCE

This event, which is held on alternate years with the American Coatings Conference, provides coatings professionals the most innovative technologies and applications shaping the industry, as well as regulatory trends and networking opportunities.

**Making Sustainability Ideas Happen:**

**Coatings For the Future**

**APRIL 8-10, 2019**

**Cleveland, OH | Westin Cleveland Downtown**

Through a series of special lectures from notable industry experts, focused technical sessions aimed at fully exploring key topics, and critical advanced training sessions, the 2019 ACA CoatingsTech Conference offers an unprecedented opportunity for all levels of coatings professionals to participate and learn from each other.

<https://www.paint.org/2019-ctc/>



The largest coatings show on the east coast.

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<http://easterncoatingsshow.com/>

## CoatingsTech Magazine

(Members Only)

*Industry News, Science and Technology, and Market Insight Highlights from this Issue:*

Getting Out of The Lab—Advantage of Evaluating Coatings In a Real-World Manufacturing Environment Features

Sustainable, Low-Emissions, High-Performance Polyols for Wood Floor Coatings Features

Corrosion Prevention for Historical Preservation Coatings Xperience

<https://www.paint.org/coatings-tech/october-2018/>



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# PSCT Membership Application and Dues Renewal Form for 2018 - 2019

## 1. MAILING ADDRESS:

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address : \_\_\_\_\_

City: \_\_\_\_\_

State/Prov: \_\_\_\_\_ Postal Code: \_\_\_\_\_

## 2. CONTACT INFORMATION:

Work Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Toll Free: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Email: \_\_\_\_\_

## 3. PSCT MEMBERSHIP DUES

☐ Primary Full Society Membership \$40

☐ Secondary Full Society Membership \$40 – Please indicate primary society membership:

☐ Student / Educator \$10

☐ Retired Members \$10

## 5. PAYMENT INFORMATION:

☐ Check payable to PSCT

## 6. SIGNATURE AND DATE: (Required)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## 7. RETURN APPLICATION AND CHECK TO:

Art Kasson, Kruss USA

180 Bradford Road  
Bradfordwoods, PA 15015  
412-389-4977 / akasson@krussusa.com


OFFICIAL USE ONLY: \_\_\_\_\_


Total Amount Due: \$ \_\_\_\_\_ Certified by Society Member \_\_\_\_\_ Date \_\_\_\_\_

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**President: Chris Gehly**  
 Matthews International; 101 Fairview Ave.; Pittsburgh, PA 15238; 412-365-2345; cgehly@matw.com

**Vice-President: Cheryl Roberts**  
 The Sherwin-Williams Company; 2001 Tracy Street; Pittsburgh, PA 15233; 412-732-3051; cheryl.l.roberts@sherwin.com

**Secretary: Chris Chaousy**  
 Coal Fillers, Inc.; 304-993-1541; cchaousy@coalfillers.com

**Treasurer: Art Kasson**  
 Kruss USA; 180 Bradford Road; Bradfordwoods, PA 15015; 412-389-4977; akasson@krussusa.com

**Director at Large: Barb Anderson**  
 Troy Corporation; 8 Vreeland Road; Florham Park, NJ 07932; 724-468-3125; andersonb@troycorp.com

**Past President: Mark DePasquale**  
 Matthews International; 101 Fairview Ave.; Pittsburgh, PA 15238; 412-365-2347; mdepasquale@matw.com

**Representative to ACA Society Liaison Committee: Jim Wasik**  
 70 Woodland Farms Rd, Pittsburgh PA 15238; 412-967-9541; jawasik@verizon.net

**Scholarship Committee: Karen Hollertz:**  
 PPG Architectural Coatings; 400 Guys Run Road; Cheswick, PA 15024; 412-517-3637; hollertz@ppg.com

**Membership: Jeff Scherm**  
 Lanxess Corporation; 8 Morgan Road; Burgettstown, PA 15021; 412-809-1038; Jeffrey.scherm@lanxess.com

**Golf / Fund Raising: Sam Puglisi**  
 Atomized Materials; 412-221-7020; sepuglisi@atomizedmaterials.net

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**Pittsburgh Society for Coatings Technology  
Hiram P. Ball Memorial Scholarship**

**PSCT Science, Technology, Engineering  
Mathematics Grant Application**

**APPLICATION DEADLINE: MARCH 15, 2019**

**All Applicants must attach a full and detailed copy of transcript (School website transcript is acceptable).**

**PSCT Scholarship Committee has full discretion to reject an incomplete application.**

Applications are to be submitted electronically by e-mail to: **psct1927@paintsociety.org**. An endorsement e-mail by the Sponsoring PSCT Member(s) must be submitted to **psct1927@paintsociety.org**. The subject of the application and endorsement must be: PSCT SCHOLARSHIP APPLICATION. The student is advised to submit a COMPLETE application including home address. Submission deadline remains March 15, 2019.

Applicant (student): \_\_\_\_\_

Permanent Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

PSCT Member Sponsor: \_\_\_\_\_

Present School/University (2018-19): \_\_\_\_\_

College/University (2019-20) \_\_\_\_\_

OFFICIAL CLASS STATUS AS OF DECEMBER 31, 2018:

☐ Graduating High School Senior      College:      ☐ Freshman      ☐ Sophomore      ☐ Junior

Major Course of Study: \_\_\_\_\_ Cumulative Grade Point Average: \_\_\_\_\_

Science, Technology, Engineering, or Mathematics Grant Applicant: ☐      Major Study GPA (last 12 months): \_\_\_\_\_

**FIRST-TIME APPLICANTS:** Please submit 2 character references from teachers, clergy, employers, professionals, etc., who are familiar with the student's goals and aspirations.

\_\_\_\_\_  
STUDENT SIGNATURE      Date: \_\_\_\_\_

\_\_\_\_\_  
PSCT SPONSORING MEMBER SIGNATURE      Date: \_\_\_\_\_

**PSCT SCHOLARSHIP COMMITTEE HAS FULL DISCRETION TO REJECT AN INCOMPLETE APPLICATION.**



# **Pittsburgh Society for Coatings Technology Hiram P. Ball Memorial Scholarship**

**APPLICATION DEADLINE: MARCH 15, 2019**

**ALL APPLICANTS MUST MEET AND COMPLETE ALL REQUIREMENTS OUTLINED BELOW.**

**PSCT SCHOLARSHIP COMMITTEE HAS FULL DISCRETION TO REJECT AN INCOMPLETE APPLICATION.**

## **GENERAL INFORMATION**

- The PSCT Board of Directors will determine, in January, the total amount of scholarship money to be awarded each year.
- Scholarship money will be awarded equally to students as recommended by the Scholarship Committee.
- The Science, Technology, Engineering and Mathematics (STEM) grant will be added to the recipient's scholarship award. (See STEM grant requirements below.)
- **ELIGIBILITY:** Scholarship awards are to support undergraduate studies of FULL-TIME students enrolled in an accredited college or university seeking an associate or bachelor degree as of December 31, 2018. (Students must have maintained a minimum of 12 credits per semester for the 2 previous semesters to be considered full time), Students graduating from their senior year of high school are also eligible for the award.
- The Scholarship Committee will consist of five PSCT Members who do not have a child or relative applying for a scholarship.
- Scholarships are limited to one award per applicant per PSCT member per year.
- **COURSE OF STUDY:** All courses of study are open. (Exception: The additional STEM grant has further course of study restrictions. See STEM grant requirements below.) The PSCT does encourage students to pursue scientific, engineering, or mathematical programs that lead to employment in the Coatings Industry.

## **REQUIREMENTS**

- Applicants must submit a COMPLETE Hiram P. Ball Memorial Scholarship Application which includes a 200-word minimum essay explaining how their course of study will allow the student to reach their professional and educational goals
- Applicants must maintain a 2.75 cumulative GPA (out of 4.0).
- Applicants must submit a full and detailed copy of their transcript. School website transcripts are acceptable.
- Applicants must meet eligibility requirements with regard to enrollment and status at their college or university. (See general information above for more details on who is eligible.)
- Applicant must be the child of an actively participating PSCT member who is current with dues. The PSCT Member must attend at least four (4) PSCT meetings or events a year. The sponsoring PSCT member must submit an electronic letter of endorsement confirming the applicant meets all of the requirements.

### **OR**

The applicant may be a Student Member of the PSCT who is current with dues. Student Member applicants must be sponsored by an actively participating PSCT member who is also current with dues. The Student Member applicant must attend at least four (4) PSCT meetings or events a year. The sponsoring PSCT member must submit a letter to the Scholarship Committee endorsing the applicant.

- Applicant may receive the award up to a maximum of four times.
- New Applicants must also submit 2 Character References who know the student and their goals:
  - Examples: Teachers, Clergy, Employers, Neighbors/Friends, Professionals (doctors, business people).
  - References from relatives are NOT acceptable.

## **PSCT Science, Technology, Engineering Mathematics Grant Requirements**

The Pittsburgh Society for Coatings Technology is a technical society to promote the welfare of the coatings Industry. The Society will be offering an additional grant to one student who is enrolled in a technical course of study. To be considered for this grant, the student must meet the following criteria. If more than one applicant meets the criteria, the award will be made to the student with the highest cumulative grade point average as of application deadline. If no applicant meets the requirements, no grant will be made. The decision of the PSCT Scholarship Committee regarding the grant is final.

### **Criteria:**

- Must meet all other Hiram P. Ball Memorial Scholarship requirements.
- Applicant must have declared a major in Science, Technology, Engineering or Mathematics.
- Applicant must be entering their Junior or Senior year of college or university.
- Applicant must identify course directly associated with declared major curriculum including the degree audit.
- Applicants must highlight within the transcript, the courses that were taken.
- Applicant must have a GPA of 3.0 or greater in these related courses over the past 12 months (including summer school).
- The grant will be an additional \$500 over the Hiram P. Ball Memorial Scholarship award.

Revised 11/2016