



# PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

## NOVEMBER 12, 2012

**TOPIC:** Achieving Quality Coatings

**SPEAKER:** Clifford K. Schoff, Independent Consultant, formerly of PPG (retired)

**PLACE:** Spaghetti Warehouse / 412-261-6511  
2601 Smallman St., Strip District (Free Parking in Lot at 26th St.)

**TIME:**

Board Meeting	4:00 pm
Social Hour	5:00 pm
Presentation / Speaker	6:00 pm
Dinner / Meeting	7:00 pm
Adjourn	8:00 pm

**COST:** Members: \$30 w/reservation / \$35 at door / Retired \$10

**RESERVATIONS:** Please contact Christina Osan by Thursday - November 8 at [Christina.osan@merckgroup.com](mailto:Christina.osan@merckgroup.com) or 215.510.8397

### A MESSAGE FROM THE PRESIDENT

#### DEAR PSCT MEMBERS:

I would like to thank Dr. Nilanjan Chakrabarti again for the excellent talk on the newest developments on universal colorants for Architectural Coatings. As you remember, Nilanjan spoke about improved hide, Low VOC and the Performance Benefits for Universal Colorants. Based on the high attendance at the meeting, his presentation was well received.

Speaking of presentations, our speaker for November, everyone knows, Dr. Clifford K. Schoff. Cliff will be speaking on "Achieving Quality Coatings". I'm sure everyone can benefit from his talk.

I would also like to inform you the total number of PSCT members is presently up to 70. Please ask your friends and or colleagues to sign up and join the PSCT if they haven't already. The PSCT Membership Application and Dues Renewal Form are in the back of the news letter. The contact for Membership and Renewals is Britney Grabigel and can be reached at 724-274-3548. We always welcome new faces. I would also like to make sure people get to know other members by wearing name tags. All of us meet many people in our daily business travels and it is easy to forget a name that you haven't seen in a while. We will provide them for the November meeting.

Another subject I would like to mention is the PSCT Web Site, which is [paintsociety.org](http://paintsociety.org) for those of you who are not familiar with it. A big Thank You goes out to Cynthia Sherman for updating the Web Site. We presently have a team working on redesigning the PSCT Web-site. The leader of the team is Peter Chakos, if you have any suggestions for our Web Site, please contact Peter at 412-779-2020. Peter has lined up Rachel Gogos of "The Identity Shoppe" to speak about Web Design at the March 2013 PSCT meeting. This will help stimulate further discussions on the PSCT web site.

Finally, if you have a High School Senior or College level student, please review the requirements for the Hiram P. Ball Memorial Scholarship. There have been several changes made to the requirements. If you have a student majoring in the Sciences or related fields, please apply for the PSCT Science, Technology, Engineering Mathematics Grant being offered starting this year.

**GARY BALINT** / PSCT President 2012-2013

<http://paintsociety.org/>



[pitt.coatings.tech@verizon.net](mailto:pitt.coatings.tech@verizon.net)

## SPEAKER'S BIO

**CLIFFORD K. SCHOFF:** Following his retirement from PPG, Cliff became a consultant. He has spent 38 years doing research and problem solving related to coatings. He holds B.S. and M.S. degrees in Chemistry from the University of Idaho and a Ph.D. in Polymer Chemistry from the University of St. Andrews in Scotland. He has been a Peace Corps science teacher in Nigeria and has done research at the Universities of Glasgow and Princeton. From 1974 until 2002, he was employed by PPG where he did research and problem solving in many areas, including liquid and solid rheology, cure, surface defects, corrosion and pigment dispersion.

Cliff has published more than 40 papers and articles plus nearly 100 one-page "Coatings Clinic" articles for JCT Coatings Tech. He has been active in the Pittsburgh Society for Coatings Technology and Committee D01 on Paints and Related Materials of ASTM for many years. He also is a member of the American Chemical Society and the Society of Rheology. Currently, he is Chair of the Publications Subcommittee for the American Coatings Association and is one of the Technical Editors for the Journal of Coatings Technology and Research. Cliff has given numerous lectures in the U.S. and overseas and has taught portions of many short courses. He has received a number of awards, the most recent of which was the Roy W. Tess Award for outstanding contributions to coatings science and technology from the American Chemical Society in 2008.

## ABSTRACT

This presentation will discuss coatings quality from the standpoint of the requirements that a product being developed must meet: good appearance, protection of the undercoat and/or substrate, adhesion and durability. The effect on quality of the steps in the coating process such as application, flow, film formation, drying and cure also will be considered. Finally, the lab paint must be scaled up and manufactured, then shipped. The ultimate test is how it performs at the customer.

## PAINT POT:

Ken Tator was pulled for the October meeting drawing. Since Mr. Tator was not in attendance the pot will be \$75 and carried over to the November meeting.

## 2012-13 MEETING SCHEDULE

Please mark your calendars for the great meetings ahead:

December 10, 2012	January 14, 2013
February 11, 2013	March 11, 2013
April 8, 2013	May Outing: (TBA)

## MEMBER HIGHLIGHT

James A. Wasik is the highlighted member for November. Jim recently retired from PPG Industries, Inc as a Development Associate after 28 years with PPG / Olympic Stain and 43 years in the Industry with various companies. His previous employers include Olympic Stain/Lucite Paint, Ameritone Paint Corporation, and DeSoto, Inc. He has an extensive background in research and plant activities with specialties in architectural finishes, color technology and computer sciences.

Jim was recognized by the FSCT in 1998 for achieving the greatest increase in membership for a large Society, and in 2001, with the Society Secretaries Award. He has been active in several FSCT Constituent Societies, including Chicago, Los Angeles, Pacific Northwest, and Pittsburgh. He served as Yearbook Chairman for the L.A. Society, and progressed through the chairs of the Pittsburgh Society, having served as President, as well as Membership Chair, Newsletter Editor, and Yearbook Editor. Jim served as an inaugural FSCT Board of Directors before the FSCT merger with the NPCA (currently American Coatings Association). He currently chairs the ACA Society Liaison Committee as well as represents the Pittsburgh Society. Jim was also elected Honorary Member of the PCST for his service to the Society over the years.



Mr. Wasik received a B.S. Degree in Chemistry from the University of Illinois. Jim's hobbies include keeping abreast of development in the coating industry, cooking, fused glass and is President of the Western Pennsylvania Mushroom Club for 2013.

## ACA 2012 EDUCATIONAL

<http://paint.org/events/virtual-learning-conferences.html>

December 6, 2012 1-2pm – ET  
Basic Surface Chemistry, Surfactants and Wetting Agent  
Selection for Coatings. – Charles Hegedus, Air Products  
and Chemicals, Inc

## CONFERENCES & WEBINARS

To register: <http://paint.org/events/ac-series.html>

October 24, 2012  
Occupational Health and Safety Committee  
Product Stewardship Committee

October 29-30, 2012  
Transportation Coatings – Driving New Technology  
Francis Marion Hotel – 387 King Street - Charleston, SC

## ADVERTISEMENT REMINDER

We would like to thank all the suppliers who have advertised with us in the past and hope we can count on your continued support. If companies want their logo and company name displayed on the PSCT website, please contact Alyssa Herzing ([herzing@ppg.com](mailto:herzing@ppg.com)) and non-member visitors will see your Company name when they log onto our site. Advertisers please contact Deb Longhini for details at [longhini@ppg.com](mailto:longhini@ppg.com).

## PSCT SCHOLARSHIP

Several changes in the PSCT Scholarship Program were adopted by the Board of Directors. The major change in the requirements for the General Hiram P. Ball Scholarship is an increase in the cumulative grade point average from 2.5 to 2.75.

The Pittsburgh Society for Coatings Technology is a science and 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. This Grant will be awarded to one Hiram P. Ball Scholarship recipient who meets the extra requirements: has a declared Science, Technology, Engineering or Mathematics major, entering the Junior or Senior Year, and has a 3.0 minimum grade point average in courses directly related to the declared major. (see application for specific requirements). The Grant will be \$500 in addition to the Hiram P. Ball Memorial Scholarship award.

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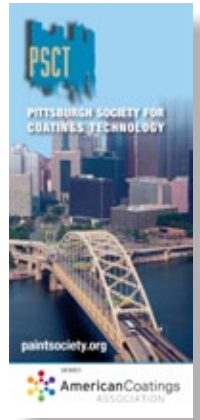
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 raymond.stewart@bayer.com

## PSCT BROCHURE

Copies of the PSCT information brochure are available at PSCT meetings or by contacting Jim Wasik.



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**Mark Zoller**  
 Technical Sales Representative



# PSCT Membership Application and Dues Renewal Form for 2012-2013

## 1. MAILING ADDRESS:

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
City: \_\_\_\_\_  
State/Prov: \_\_\_\_\_ Postal Code: \_\_\_\_\_

## 2. CONTACT INFORMATION:

Work Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Toll Free: \_\_\_\_\_  
Home Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

## 3. MEMBERSHIP DUES

- Primary Full Membership \$30       Secondary Full Membership \$30       Student/Educator \$5       Retired Member \$5

\*Please indicate primary society membership: \_\_\_\_\_

## 5. PAYMENT INFORMATION:

- Check payable to PSCT

## 6. SIGNATURE AND DATE: (Required)

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

## 7. RETURN FORM AND CHECK

Britney Grabigel / PPG Industries      grabigel@ppg.com  
151 Colfax Street  
Springdale, PA 15144

## OFFICIAL USE ONLY:

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

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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, 2013**  
**ALL APPLICANTS MUST ATTACH COPY OF TRANSCRIPT**

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

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

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

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

Present School/University (2012-13): \_\_\_\_\_

College/University (2013-14) \_\_\_\_\_

**CLASS STATUS:**

Graduating High School Senior      College:  Freshman     Sophomore     Junior     Senior

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: \_\_\_\_\_

Return to: Mark Harley  
PSCT Education Chairman  
530 – 6<sup>th</sup> Street  
Oakmont PA 15139

# Pittsburgh Society for Coatings Technology

## Hiram P. Ball Memorial Scholarship

**APPLICATION DEADLINE: MARCH 15, 2013**

**ALL APPLICANTS MUST ATTACH COPY OF TRANSCRIPT**

### REQUIREMENTS

- The PSCT Board of Directors will determine, in January, the total amount of scholarship money to be awarded each year.
- The maximum dollar amount of each scholarship will be \$1500. Scholarship money will be awarded equally to students as recommended by the Scholarship Committee. The Science, Technology, Engineering and Mathematics grant will be added to the recipient's scholarship award. (See Grant requirements below)
- Scholarship awards are to support undergraduate studies of FULL-TIME students enrolled in an accredited college or university seeking an associate or bachelor degree.
- Scholarships may be awarded to any applicant a maximum of four times.
- Applicant must be the child of an actively participating PSCT member who is current with dues. The member must also attend at least four (4) PSCT meetings or events a year or serve as a PSCT Committee Chair. .
- Scholarships are limited to one award per applicant per PSCT member per year.
- Applicants must submit a Hiram P. Ball Memorial Scholarship Application which includes a short statement explaining how the course of study will allow the student to reach their career goals.
- Applicants must maintain a 2.75 (out of 4.0) grade average.
- The Scholarship Committee will consist of five PSCT Members who do not have a child or relative applying for a scholarship
- COURSE OF STUDY: Although all courses of study are open, students are encouraged to pursue scientific, engineering or mathematical programs that lead to employment in the Coatings Industry.
- New Applicants must also submit 2 Character References who know the student and their goals:
  - Teachers
  - Clergy
  - Employers
  - Neighbors/Friends
  - Professionals (doctors, business people)

### 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 is final in their decision regarding the grant.

#### 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.
- 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.