



# PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

## NOVEMBER 14, 2011

---

**TOPIC:** Formulating for the 21st Century Using Waterborne Coating Technologies

**SPEAKER:** Peg Kendi Bayer MaterialScience LLC

**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 Debra Longhini by November 10, 2011  
at [longhini@ppg.com](mailto:longhini@ppg.com) or 412.434.2236

### A MESSAGE FROM THE PRESIDENT

**DEAR PSCT MEMBERS:**

November is the time of the year in which many people start reflecting over the events of the current year and begin planning for the upcoming one. It is also a time for recognizing some of the people who have helped you or made your life easier in some way. I want to thank those of you who have suggested speakers or have volunteered to be speakers for our meetings. There is only one spot left in March that is not confirmed.

Last month Chrissy Stewart, of KTA-Tator gave an interesting presentation on using IR spectroscopy to identify coatings and causes of coatings related problems. This month another new speaker, Peg Kendi of Bayer will tell us about new developments in waterborne polyurethane technology.

As part of our effort to make the PSCT and the ACA more relevant to your professional development; Jim Wasik, our Society Liaison Committee Representative, will give a presentation of what kinds of information can be found on the Paint.org website and how to access it.

It is also time to start thinking about the December 12th meeting and getting your reservations in. Abdullah Ekin has again persuaded Sharon Feng, Vice President of Business Development at Bayer into generously sponsoring and hosting the December meeting at their campus in Robinson. After the September golf outing, this meeting is the biggest money maker for the scholarships we offer to qualifying members' children, as 100% of the \$30 meeting fee gets credited to the scholarship fund. For those of you who have not had the pleasure of attending a function at Freddie's in the Bayer facility, it is very well set up for technical meetings and does not have all the noise and distractions that the Spaghetti Warehouse does. Please save the date and get your reservations into Debra Longhini.

**TIMOTHY KNELL**

PSCT President 2011-2012

<http://paintsociety.org/>



## SPEAKER'S BIO

**MARGARET KENDI** - Graduated from Pennsylvania State University with a Bachelor degree in Chemistry. Upon Graduation she joined Rohm and Haas Company in their Agricultural chemicals division. In 2001 she joined Bayer MaterialScience in their coatings research group. Over the last ten years she has performed both synthesis and applications work on various types of raw materials including: polyaspartic, 2-K waterborne polyurethane and UV curable coatings. In her current position she is looking at 1-component waterborne coatings on various substrates including wood, plastics, and metal applications.

## ABSTRACT

Waterborne polyurethane coatings have an outstanding reputation for high performance in the areas of solvent resistance, abrasion resistance, hardness, and weathering. However, these outstanding properties come at a relatively high price, which has limited their application to markets where high performance is required. In recent years ever tightening environmental regulations have made the use of waterborne resins more desirable even at the higher cost. Waterborne coatings offer similar performance characteristics of traditional high VOC coatings but at much lower VOC content. Comparative examples will be shown for selected markets including concrete and metal coatings.

## 2011-12 MEETING SCHEDULE

Please mark your calendars for the great meetings ahead of us.

December 12, 2011	January 9, 2012
February 13, 2012	March 12, 2012
April 9, 2012	May Outing: (TBA)

## MEMBERSHIP RENEWAL

It is that time of the year for membership renewals. Terry Scheftic is our membership chair. You can contact him to renew your membership at [tscheftic@ppg.com](mailto:tscheftic@ppg.com) or at 724-274-3337. You will also be getting paper copies of the membership renewal form for those who have not renewed their membership yet. If you renewed online please confirm your status with Terry.

## PAINT POT:

Congratulations to Terry Scheftic of PPG who won the Paint Pot Drawing for \$50 for being present at the October meeting.

## ABOUT THE PSCT OFFICERS

**KAREN HOLLERTZ** - Secretary

Karen has been in Architectural Coatings since 1976, at PPG and in our local paint society. Her current work assignments include Architectural Exterior paints, and Microbiology activities with newer molecules and resistant microbes. During her PPG career, Karen has worked in Exploratory Research and Microbiology department; and managed Interior, Exterior, Stain and Quality Engineering departments. In addition to the development and use of proprietary raw materials, Karen was instrumental in PPG's receipt of the 2002 Pennsylvania Governor's Award for Environmental Excellence; and is one of the recipients of the 2003 PPG EHS Award of Excellence. Karen holds Bachelor of Science degrees in Chemistry, Biology; along with a Masters in Business Administration.

Outside of work, Karen loves trivia and crossword puzzles; plays the piano to de-stress; collects sea glass and dragons; belongs to a mystery book club; and dabbles with Food Network recipes. Karen has a son at the University of Pittsburgh. She has two travel goals: taking her son and husband to visit 50 states (been to 39 so far) and visiting all US and Canadian National Parks (been to half). Karen's home is never empty; she rescues and adopts abused animals; and is an advocate for her parents.

**ABDULLAH EKIN** - Past President (2010-2011)

Abdullah Ekin received his BS in Chemistry in 2002 from Koc University, Istanbul, Turkey. During his undergraduate studies, he did research on thermoplastic polyurethanes and polyureas. Later, he received his PhD in Coatings and Polymeric Materials in 2007 from North Dakota State University. During his PhD, he did research on thermo-set silicone-polyurethane coatings for underwater marine applications using combinatorial high-throughput experimentation. He was hired by Bayer Materials Science in January 2007 as an associate scientist to manage the high-throughput screening lab. Later he moved to senior associate scientist position having the responsibility for UV cure resins. He has two US Patents and eight pending patent applications. He has published 10 peer-reviewed papers and several preprints. He has been a PSCT member since 2007. He has served on the PSCT board since 2008. He has served as secretary, vice president and president positions. Currently he sits on the board as a past president. He is married to his wife Emel; they live in North Fayette Township.



**Carl J. Alessandro**  
Senior Technical Sales Representative

BYK USA Inc.  
P.O. Box 360136  
Strongsville, OH 44136  
[www.byk.com](http://www.byk.com)

Telephone (440) 238-8014  
Telefax (440) 238-8520  
Cell (216) 390-3647  
[Carl.Alessandro@altana.com](mailto:Carl.Alessandro@altana.com)

A member of ALTANA

**CHEM-MATERIALS COMPANY**  
SERVING INDUSTRY RESPONSIBLY

16600 Sprague Road  
Cleveland, Ohio 44130-6318

[cmc@chem-materials.com](http://cmc@chem-materials.com)

(440) 243-5590 Telephone  
(800) 585-0808 Toll Free  
(440) 243-1940 Fax  
[cmc@chem-materials.com](mailto:cmc@chem-materials.com) e-mail  
[www.chem-materials.com](http://www.chem-materials.com) website



# 2012 SHOWS & CONFERENCES BY ACA



## Coatings for Concrete January 23, 2012 Mirage Hotel & Casino Las Vegas, NV

Held by the American Coatings Association, this unique one-day conference will offer innovative, trouble-shooting presentations for those who specify, use, and distribute coatings for concrete. Topics to be discussed include the following:

Waterborne Technology for Concrete

Decorative Coatings for Concrete

Masonry Coatings

Coatings for Concrete Art

And much more!

Hotel Information

Reservations must be made through the World of Concrete Housing to receive the WOC room rate. See the link above for more information.



## The American Coatings Show & Conference May 7 – 10, 2012 Indiana Convention Center Indianapolis, IN

With 328 exhibitors and some 6,700 attendees from 61 countries, the American Coatings SHOW & CONFERENCE, held for the second time in 2010, firmly established itself as a key event for the American coatings industry. The combination trade show and conference, which took place in April 2010 in Charlotte, North Carolina, offered a comprehensive array of products and information for all aspects of coatings technology.

## THE M. F. CACHAT COMPANY

14600 Detroit Avenue Suite 600  
Lakewood OH 44107



**Andy DePage**  
Technical Sales Representative

800 • 729 • 8900 x 222

216 • 228 • 9916 fax

248 • 705 • 2776 car

[agdepage@mfcachat.com](mailto:agdepage@mfcachat.com)

[www.mfcachat.com](http://www.mfcachat.com)



**Chad Hack**  
Technical Sales Representative

BYK USA Inc.  
1380 Fieldstone Court  
Ann Arbor, MI 48108  
[www.byk.com](http://www.byk.com)

[Chad.Hack@altana.com](mailto:Chad.Hack@altana.com)

Telephone (734) 913-9060  
[Chad.Hack@altana.com](mailto:Chad.Hack@altana.com)

A member of **ALTANA**



**Linda Lee Wolf**  
President/Owner  
Tel: 724.940.2222  
Fax: 724.940.2236  
Mobile: 412.670.1679

**WOLF CONTAINER & CHEMICAL CO., INC.**  
Packaging & Chemical Products

2591 Wexford - Bayne Road, Suite #303  
Sewickley, Pennsylvania 15143

[lindaw@wolfcontainer.com](mailto:lindaw@wolfcontainer.com)

# PSCT OFFICERS FOR 2011-2012

**President**  
 Timothy Knell  
 Shore Corporation  
 2917 Spruce Way  
 Pittsburgh PA 15201-1508  
 412-471-3330  
 tknell@shorecorporation.com

**Secretary**  
 Karen Hollertz  
 PPG Industries, Inc.  
 151 Colfax Street  
 Springdale PA 15144  
 724-274-3353  
 hollertz@ppg.com

**Past President**  
 Abdullah Ekin  
 Bayer Material Science  
 100 Bayer Road  
 Pittsburgh PA 15205-9741  
 412-777-2703  
 abdullah.ekin@bayerbms.com

**Representative to ACA Society**  
 Liaison Committee  
 James A. Wasik  
 PPG Industries, Inc.  
 151 Colfax Street  
 Springdale PA 15144  
 724-274-3307  
 wasik@ppg.com

**Education and Scholarship**  
 Mark Harley  
 530 6th Street  
 Oakmont PA 15139  
 412-828-2568

**Vice President**  
 Gary Balint  
 Lanxess Corp.  
 8 Morgan Road  
 Burgettstown PA 15021  
 412-809-4735  
 gary.balint@lanxess.com

**Treasurer**  
 Debra M. Longhini  
 PPG Industries, Inc.  
 One PPG Place  
 Pittsburgh, PA 15272  
 412.434.2236  
 longhini@ppg.com

**Director at Large**  
 Peter Chakos  
 Neville Chemical Co.  
 2800 Neville Road  
 Pittsburgh PA 15225  
 412-777-4244  
 pchakos@nevchem.com

**Membership**  
 Terry Scheftic  
 PPG Industries, Inc.  
 151 Colfax Street  
 Springdale PA 15144  
 724-274-3337  
 tscheftic@ppg.com

**Bylaws**  
 Raymond Stewart  
 Bayer MaterialScience LLC  
 100 Bayer Road, Bldg. 8  
 Pittsburgh, PA 15205  
 raymond.stewart@bayerbms.com

## 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) 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.

## PSCT BROCHURE

A new brochure to help promote the PSCT to area businesses and individuals is now ready. Copies are available at PSCT meetings or by contacting Jim Wasik.



<p><b>HARVEY LIPSITZ CO.</b>  <i>Steel Containers • Tin Cans • Plastic Pails                  Plastic Bottles • Glass Jars</i></p> <p><b>MEL S. LIPSITZ</b></p> <p>5621 BUTLER STREET                  PITTSBURGH, PA 15201                  PHONE: 412-782-2461                  FAX: 412-782-5507  <a href="mailto:hlipcans@hotmail.com">hlipcans@hotmail.com</a></p> <p>From                  A Carton                  To A Truckload</p>	<p><a href="http://www.weldonlabs.com/">http://www.weldonlabs.com/</a></p> <p><b>WELDON</b>                  LABORATORIES, INC.</p> <p><b>Testing and Failure                  Analysis for the                  Coatings Industry</b></p> <p><b>Dwight G. Weldon</b>                  PRESIDENT</p> <p>1188 Route 30                  P.O. Box 40                  Imperial, PA 15126</p> <p>Phone: 724-695-2212                  Fax: 724-695-2218</p>
<p><b>MR SERVITUM</b></p> <p><b>MATTESON - RIDOLFI, INC.</b></p> <p><b>EDWARD TYSL</b></p> <p><b>Home Office</b>                  33271 Ambleside Drive                  Avon Lake, OH 44012                  Cell Phone: 440-237-1849  <a href="mailto:etysl@mattrid.com">etysl@mattrid.com</a></p> <p><b>Corporate Office</b>                  14450 King Road                  P.O. Box 2129                  Riverview, MI 48193                  Customer Service:                  (800) 275-4503                  Fax: 734-479-1630</p>	<p><b>UL</b> Documentation Verification Assessment 1995 File T7NC2078</p> <p><b>dar-tech, Inc.</b></p> <p>Serving American Industry since 1951</p> <p><b>Representing the World's Best                  Your one-stop solution supplier for pigments,                  functional minerals, specialty additives, resins and more.</b></p> <p>16485 Rockside Road                  Cleveland, Ohio 44137-4336  <a href="http://www.dar-techinc.com">www.dar-techinc.com</a></p> <p>Toll Free 800 228-7347                  Fax 216 663-8007  <b>Ed Kaczmarek / Jim Benduhn</b></p>
<p><b>CONN AND COMPANY, L.L.C.</b>                  Designers and Manufacturers of Industrial                  Mixing Equipment for</p> <p>PAINTS      ADHESIVES      URETHANES                  INKS          CEMENTS              ETC.</p> <p><b>Richard C. Freeman</b>                  814-723-7980 / FAX 814-723-8502                  11 S. Marion Street • Warren, PA 16365  <a href="http://www.connblade.com">www.connblade.com</a></p> <p><b>The CONN BLADE™</b>                  SINCE 1948</p>	<p>A.C. Zoller Company                  Manufacturers' Representative</p> <p><b>Alan C. Zoller                  Mark A. Zoller</b></p> <p>Chemicals &amp; Equipment                  for Industry  <a href="mailto:mark.zoller@aczoller.com">mark.zoller@aczoller.com</a></p> <p>P.O. Box 289                  740 Seventh Street                  Oakmont, PA 15139  <b>412-828-8040</b>                  Fax 412-828-7219</p>

# PSCT Membership Application and Dues Renewal Form for 2011-2012

## 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

Terry Scheftic/PPG Industries, Inc.  
151 Colfax Street  
Springdale, PA 15144

tscheftic@ppg.com

## OFFICIAL USE ONLY:

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

## AMMONIA FOR INDUSTRY

1 qt., 4-1 gal, 5 gal, 15 gal,  
50 gal, totes 200-300 gal.  
Any concentration available  
as well as private labeling.

We are a leading manufacturer of reagent grade ammonia solutions with over 50 years' experience. Our modern facilities, extensive research and development, and emphasis on quality, service, reliability, and integrity assure you, our customer, of complete satisfaction in all our products.



**Please give us the opportunity to become your ammonia supplier.**

Thank you,  
Paul A Cuccinello CEO  
[paul@wdserviceco.com](mailto:paul@wdserviceco.com)

W.D. Service Company  
780 Creek Road  
PO Box 147  
Bellmawr, NJ 08099  
800-366-9326  
[www.wdserviceco.com](http://www.wdserviceco.com)



*The Premier Specialty Chemicals Distributor*

Steve St. Jean

[sstjean@palmerholland.com](mailto:sstjean@palmerholland.com)

216-272-2782 - cell

Main Phone: 440.686.2300

Toll-Free: 800.635.4822

[www.palmerholland.com](http://www.palmerholland.com)

ISO 9001:2008 Certified



**Pittsburgh Society for Coatings Technology**  
**2011-2012 Hiram P. Ball Memorial Scholarship Application**  
**APPLICATION DEADLINE: MARCH 31, 2012**

Applicant: \_\_\_\_\_

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

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

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

Present School/University \_\_\_\_\_

Class Status: \_\_\_\_\_

(GRADUATING HIGH SCHOOL SENIOR, COLLEGE: FRESHMAN, SOPHOMORE, JUNIOR, SENIOR)

College / University (2010-2011): \_\_\_\_\_ Grade Point Average: \_\_\_\_\_

(ATTACH COPY OF TRANSCRIPT)

Major Course of Study: \_\_\_\_\_

PSCT Sponsoring Member: \_\_\_\_\_

PSCT Member Company: \_\_\_\_\_

**ALL APPLICANTS:** Please complete a short statement explaining how the course of study you are following will allow you to reach your career goals. It should also include comments regarding the student's participation in on academic areas such as community service, etc. (extra sheets may be attached). **NEW APPLICANTS** are requested to submit character references from teachers, clergy, employers, professionals, etc. who are familiar with the student's goals and aspirations.

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

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

## REQUIREMENTS

- The PSCT Board of Directors will determine 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.
- Scholarship awards are to support undergraduate studies of full time students only en-rolled in an accredited college or university seeking an associate or bachelor degree.
- Scholarships may be awarded to any one given applicant a maximum of four times.
- Applicant must be the child of an actively participating PSCT member. An actively participating member is current with dues. The member must also attend at least four (4) PSCT meetings a year or serve on a PSCT committee (e.g.: Fund Raising, Newsletter, Membership, Education, Program, etc)
- Scholarships are limited to one award per applicant per member per year.
- Applicants must submit a Hiram P. Ball Memorial Scholarship Application which in-clude: a short essay explaining how the course of study will allow the student to reach their career goals; current GPA; name of sponsoring PSCT member; name of univer-sity or college that they are attending; and two character references. Students cur-rently receiving scholarships will not be required to submit references, however they must submit essays regarding their educational progress.
- Applicants must maintain a 2.5 (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 pur-sue scientific, engineering or math-ematical programs that lead to employment in the Coat-ings Industry.
- CHARACTER REFERENCES (examples of those who know the student and their goals)
  - Teachers
  - Clergy
  - Employers
  - Neighbors/Friends
  - Professionals (doctors, business people)

Revised: 8/2010