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PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY JANUARY 13, 2020



TOPIC: The Essentials of Weathering
SPEAKER: Jean-Paul Ricco, Q-Lab Corporation
LOCATION: Roland's • 1904 Penn Ave, Pittsburgh, PA 15222
 412-261-3401 • www.rolandspittsburgh.com
TIME: Board Meeting 4:00 pm
 Social Hour 5:00 pm
 Presentation / Speaker 6:00 pm
 Dinner / Meeting 7:00 pm
COST: \$35 with reservation • \$40 at door • \$15 retired

PLEASE RSVP:
 Contact: Art Kasson by
 Thursday, JAN 9 at
psct1927@paintsociety.org
 Or Call @ 412-389-4977
 Or Sign Up Via PayPal:
www.paintsociety.org



Jean-Paul Ricco

Domestic Technical Sales
Representative

Q-Lab Corporation

Jean-Paul Ricco is the North American Technical Sales representative for Q-LAB. Since 1956 Q-Lab Corporation has been a global provider of material durability QUV, Xenon, and Cyclic Corrosion test chambers, as well as contract testing services. Q-LAB invented the QUV which came to market in 1970, and is still the world's most widely used weathering tester to this day. Jean-Paul is a technical expert in accelerated indoor, natural outdoor, and a variety of weathering standards, techniques and methodologies.

Abstract:

The Essentials of Weathering

The requirement for materials and coatings to withstand the forces of weather is a critical component in the formulation and composition of products meant to last outdoors. Natural outdoor testing can be collected from historical benchmark sites or service life exposure area, and provides true performance data. To gain valuable insight quicker, companies can run an accelerated weather test, either in a fluorescent UV or xenon arc apparatus. With each test device, a wide variety of methods and procedures could be implemented and can be defined by one's testing goals, length of test, and correlation to outdoors.

This presentation will review the forces of weather and how fluorescent UV and xenon arc test apparatuses simulate the effects of weather along with each device's respective strengths and weaknesses. We will also take a look at different types of accelerated testing using case study examples as a framework and explanation.

PSCT SCHOLARSHIP APPLICATIONS ARE DUE MARCH 15, 2020.

PRESIDENTS MESSAGE



Dear PSCT Members,

I would like to thank David Loveday, Gamry Instruments, for taking time out of his schedule to come out and talk to us about EIS and other electrochemical techniques at the November meeting. His review of the fundamentals of EIS data interpretation made this complicated subject more understandable.

We had a great time at our second axe throwing tournament at Lumberjaxes in Millvale on December 9. Congratulations to the winner of the tournament, Dan Chasky, who won a \$25 gift card. If you have ideas for our next social outing in May 2020, please let a member of the board know.

Remind your high school seniors and college students that it's time to apply for the PSCT scholarship. The application, which is in this newsletter, is due by March 15. Thank you to the Scholarship Committee Chair, Karen Hollertz, and the members of the Scholarship Committee for donating their time to this important task!

Finally, please come and join us at Roland's Seafood Grill in the Strip District on Monday, January 13. We will be meeting in the back room on the first floor. This month's speaker is Jean-Paul Ricco of Q-Lab Corporation, and he will be talking about UV and xenon arc accelerated weathering testing.

Cheryl Roberts, PSCT President 2019-2020

2020 MEETING DATES

February 10 Joseph Ambrosi, Ashland – TBD

March 9 Shanti Swarup, PPG Industries

Recent Advancements in Polymer Synthesis and Applications in Coatings

April 20 Mike Toth, BKY USA

An overview and understanding of market trends, technologies and how proper additive selection can help achieve high quality wood coatings

May Social Event: Something Fun and Different!

CALL FOR SPEAKERS

We are looking for speakers for the 2020-2021 year. If you are interested in presenting please contact Cheryl Roberts at croberts11@gmail.com.

PAINT POT

There was no winner in the November meeting! Sorry, Mark Zoller, you should have been there. Since there was no Paint Pot in December, the January paint pot will be \$50. 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.

MEMBERSHIP DRIVE

Dues are Now PAST DUE

It is time to renew your dues for the 2019 – 2020 membership year (July 1 – June 30) for the Pittsburgh Society for Coatings Technology. Our objective of promoting the welfare and education of the members through exchange of emerging technologies has not changed. Also, promoting educational scholarship to undergraduate students remains a prime objective of the PSCT. We encourage you to check out our website (<http://paintsociety.org>). The website not only relays information about the Society and upcoming events, but also offers members an easy way to renew their membership (There is a \$5 convenience charge added to PayPal payments).

HIRAM BALL SCHOLARSHIP

PSCT Scholarship Applications are due March 15, 2020. No extensions. The PSCT Scholarship assists college students in their pursuit of a college degree. The scholarship is open to children of PSCT members. There is a special STEM Grant offered to college bound junior and senior level students. This grant is open to students pursuing a degree in one of the STEM curriculums.

Details and application are found in this Newsletter or on-line at: www.paintsociety.org. Do not miss the deadline. Read the requirements carefully.

CONSTITUTION & BYLAWS

Review of the PSCT Constitution and Bylaws is required every 5 years. The last revision was issued in April 2020, so it is now time for this document to be reviewed. If you would like to chair or serve on this committee, please let a board member know.

PSCT SOCIAL EVENTS

If you would like to help with the December or May 2020 social events, please let a board member know.

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.

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.

FIFRA Overview

January 15, 2020 @ 1:00 pm - 2:00 pm

“Made in USA” Labeling

January 29, 2020 @ 1:00 pm - 2:00 pm

Europe’s Classification of Titanium Dioxide

February 4, 2020 @ 1:00 pm - 2:00 pm

Canada and Europe’s Biocide Restrictions

February 20, 2020 @ 1:00 pm - 2:00 pm

OTHER UPCOMING EVENTS & SYMPOSIUMS

47th Annual Waterborne Symposium

February 16, 2020 - February 21, 2020

Smart Coatings 2020

February 26, 2020 - February 28, 2020



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

**PSCT Science, Technology, Engineering
Mathematics Grant Application – 2020 - 2021**

APPLICATION DEADLINE: MARCH 15, 2020

**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, 2020.

Applicant (student): _____

Permanent Address: _____

Phone: _____ Email: _____

PSCT Member Sponsor: _____

Present School/University (2019-20): _____

College/University (2020-21) _____

OFFICIAL CLASS STATUS AS OF DECEMBER 31, 2019:

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, 2020

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.
- 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).
- 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, 2017. (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. Multiple Grants will be awarded to students who have equal highest GPA, rounded to 2 decimals, in qualifying STEM courses. If no applicant meets the requirements, no grant will be made. Must meet all other Hiram P. Ball Memorial Scholarship requirements.

Criteria:

- 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
- 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
- Multiple Grants will be awarded to students who have equal highest GPA in qualifying STEM courses.