



### UPCOMING EVENTS

#### May 8, 2024

Dinner Meeting  
Awards Night  
DoubleTree by Hilton  
Buena Park, CA

#### May 10, 2024

Spring Frolic  
Tijeras Creek Golf Club

#### June 12, 2024

Dinner Meeting  
Annual Meeting / Elections  
DoubleTree by Hilton  
Buena Park, CA

#### June 28, 2024

Summer Event  
Angels Baseball  
Anaheim Stadium

**MAY DINNER  
MEETING SPONSOR**



### MAY BULLETIN

#### Awards Night

May 8, 2024

The May meeting is dedicated to honoring our special members for longevity and service.

#### CAL POLY SAN LUIS OBISPO - STUDENT RESEARCH SPOTLIGHT

**Functional Hybrid Coatings for Packaging  
Paper with 1D & 2D Nanoparticles**



Michael Friend

**Solar Reflectivity of Exterior  
Architectural Coatings**



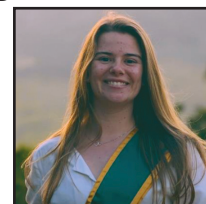
Olivia Everitt

**Structural Color Pigments in Paints**



Kyle Liston

**San Luis Obispo in a Box: Damage  
Accumulation & Combined Stressor  
Matching in Accelerated UV Testing**



Cameron Causey

*(cont'd on page 2)*

### MEETING DETAILS:

LOCATION: DoubleTree by Hilton Buena Park Hotel, 7000 Beach Blvd., Buena Park, CA 90620

TIME: Social Hour 5:30 pm  
Speaker 6:00 pm  
Dinner 7:00 pm

PRICE: \$ 25.00 retired members w/reservation by 12:00 p.m. Friday, May 3  
\$ 35.00 members w/ reservation by 12:00 p.m. Friday, May 3  
\$ 45.00 non-members w/reservation or reservation after 12:00 p.m. Friday, May 3

RSVP: [Click here](#) to pay online or email [lasct@earthlink.net](mailto:lasct@earthlink.net)

## MONTHLY DRAWINGS:

Door Prize	Gift Card
Attendance	\$ 540.00

### April Meeting Winners:

Door Prize	Hai Nguyen, <i>Behr Paint Company</i>
Best Question	Art Lorenz
Attendance	\$ 520.00 Trung Phan, <i>Dunn-Edwards (Not Present)</i>

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## SPEAKER AND TOPIC

*(cont'd from page 1)*

Dr. Erik Sapper, Assistant Professor, Cal Poly San Luis Obispo, will be emceeding a series of presentations by student researchers affiliated with the Polymers and Coatings Science program and the Kenneth N. Edwards Western Coatings Technology Center.

### Abstract and Bios:

#### MICHAEL FRIEND

**Abstract:** As the consumption of packaging materials continues to grow so does the need for economically competitive and environmentally friendly packaging. Polyvinyl Alcohol (PVA) is a food safe polymer that is both inexpensive and biodegradable; however, PVA has not seen widespread use in packaging applications due to its hydrophilic properties. This research synthesized PVA hybrid coatings with 1D cellulose nanofibrils (CNF) and 2D graphene oxide (GO) to make PVA coatings more water impermeable. Novel functional properties were observed, including thermal conductivity in the presence of microwaves. Through this research, a hybrid coating was developed with promising packaging paper applications.

**Bio:** I am graduate student working towards my M.S. in Polymers & Coatings with my B.S. in Materials Engineering. I am passionate about polymers and coatings in sustainable applications & that are biobased, biodegradable. I enjoy getting away from the lab by backpacking & camping. I went to Sequoia this winter & Baja this spring!

#### OLIVIA EVERITT

**Abstract:** Due to the heightened awareness on global warming and ever rising energy costs, there is a need to extend solar reflective technologies beyond roofs and pavements to other surfaces such as exterior walls. The initial focus of this study was to understand and quantify the heat reflective performance of conventional exterior architectural coatings and optimizing such formulations for solar reflectance, without the use of specialty heat reflective materials. The optimized formulations are used in our current studies to quantify the enhancement of solar reflectance when formulated with commercial solar reflective pigments and extenders.

**Bio:** I am a third-year undergraduate student pursuing a B.S. in Chemistry with a minor in Law and Society. I am passionate about environmental chemistry and water science and hope to work in Environmental Law in the future. I am from San Francisco originally but have loved exploring the Central Coast during my past couple years at Cal Poly.

#### KYLE LISTON

**Abstract:** Conventional pigments absorb certain visible wavelengths of light due to their chemical structure, resulting in color. Structural color pigments absorb and reflect colored light because of their physical nanostructure. My research looks to synthesize these structural pigments emulating natural phenomena like pearls. By using common salt-based reagents in VOC-free environments, this synthesis can be cheap and environmentally friendly.

**Bio:** I am originally from Cypress, CA, but now live in Cambria. I went to UCI for my BS in chemistry and am now a graduate student working towards my Masters in Polymers and Coatings. Along with completing my polymers course work, I am researching into synthesis of structural color pigments. I enjoy listening to music, playing video games with friends, and going on hikes outside.

## LASCT BOARD OF DIRECTORS

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### LASCT OFFICE

P.O. Box 3633  
Orange, CA 92857

Phone: (714) 998-1891  
Fax: (714) 974-4318  
Email: lasct@earthlink.net  
Website: www.lasct.org

## CAMERON CAUSEY

**Abstract:** My research in the Kenneth N. Edwards Western Coatings Technology Center is on the comparison of service life prediction models for stressor damage of exterior architectural coating exposed to outdoor conditions and accelerated UV conditions. This work explores the principle of cumulative stressor damage for an exterior architectural coating being exposed to outdoor conditions in San Luis Obispo, California, as well as an accelerated UV/moisture protocol. The accelerated UV/moisture protocol is executed first by ASTM D4587, and then by creating a custom exposure test cycle based on locally observed weather.

**Bio:** My name is Cameron Causey, and I am from Napa, CA. I am a graduate student at Cal Poly SLO, completing my master's degree in Polymers and Coatings Science with my bachelor's degree in materials engineering. Outside of school, I enjoy line dancing, off road driving, camping, and hiking!

## PROPOSED NEW MEMBERS

### Local Membership

Angelo Silva, *TCR Industries*

Troy Sukhadia, *Spectro Coats*

## 2024-2025 LASCT SCHOLARSHIPS

Students interested in applying for an LASCT Scholarship for 2024/2025 are encouraged to submit an online application at <https://applyforgrants.calfund.org/SpectrumWebPortal/Accounts/Logon/Profile/Accounts>. Enclosed is the outline of the requirements. The deadline to apply for a scholarship is April 30, 2024.

For application guide and questions, please contact Ida Lin, Scholarship Committee Chair, at PPG Industries by email at [idadajlin@yahoo.com](mailto:idadajlin@yahoo.com).

## 2024 SPRING FROLIC

The Spring Frolic is scheduled for May 10 and the course will be Tijeras Creek Golf Club, 29082 Tijeras Creek, Rancho Santa Margarita, CA 92688. See enclosed flyer for additional information.

## LASCT NOMINATIONS FOR 2024-2025 SECRETARY

If you are interested in running for LASCT Secretary or wish to nominate a candidate, please contact the LASCT office at [lasct@earthlink.net](mailto:lasct@earthlink.net) or (714) 998-1891.

## LASCT COMMITTEE CHAIRS FOR 2024-2025

If you are interested in volunteering on an LASCT committee or chairing one of the committees, please contact any board member of the LASCT or contact the LASCT office at [lasct@earthlink.net](mailto:lasct@earthlink.net) or (714) 998-1891.

## GOOD FELLOWSHIP NEWS

To report any new "happenings", please contact the Derek Marin, Good Fellowship Chair at [dmarin@vistapaint.com](mailto:dmarin@vistapaint.com) or the LASCT Office at (714) 998-1891, or by email at [lasct@earthlink.net](mailto:lasct@earthlink.net).

## IMPORTANT! LASCT MEMBERSHIP RENEWAL

Your LASCT Membership Renewal Fee is due no later than July 1 of each year.

**To be included in the 24-25 Yearbook  
your Membership Application and dues  
must be received by July 1, 2024.**

To join or renew your membership in the Los Angeles Society for Coatings Technology local section, please visit <https://lasct.org/membership/>. Please complete the application, then select the form of payment. Payment can be made online or a check can be emailed to the LASCT office, P.O. Box 3633, Orange, CA 92857.

## 25- and 50-YEAR MEMBERS TO BE HONORED

The following 25-year and 50-year members will be honored at LASCT's upcoming "Awards Night" Dinner Meeting on May 8:

- 25-year Members: Rolf Ahonen, Ramses Flores, Bob Newcomb, Esteban Valverde, Ryan Yokoyama
- 50-year Members: John Guerra, John Kulnane

If you know of any other 25-year and/or 50-year member(s) who should be on our list, please advise the LASCT office at (714) 998-1891.

## RESERVE AD SPACE NOW! 2024-2025 YEARBOOK

It's time to reserve your ad space in the 2024-2025 Los Angeles Society for Coatings Technology Yearbook and Directory. The Yearbook and Directory includes not only members of the Los Angeles Society but also all members of Arizona, Golden Gate, and Pacific Northwest Societies for Coatings Technology, and will be distributed to all members of the Coatings Societies of the West Coast as well as select members of Coatings Societies across the USA.

The LASCT Yearbook & Directory is hands-down the most effective use of your advertising dollar in the Western United States and Canada — and perhaps across NAFTA. SUPPORT YOUR INDUSTRY BY ADVERTISING! Funds raised by the LASCT Yearbook are used to support Coatings Industry events, scholarships, and education!

Don't miss this invaluable opportunity to reach current and future customers! The deadline for inclusion in the 2024-2025 Yearbook is July 15, 2024. Please contact the LASCT Office at (714) 998-1891 or [lasct@earthlink.net](mailto:lasct@earthlink.net) if you would like an advertising packet.

## CAL POLY SLO POLYMERS & COATINGS SUMMER SHORT COURSE

Cal Poly's summer short course on polymers and coatings will be held August 5 - August 9. The course brings together academic and industrial experts in the field. The one-week course covers many aspects of coating technology with emphasis on liquid coatings, both waterborne and solvent-based. Participants benefit from discussions of VOC and air quality aspects of coatings by experts in both industry and government regulatory agencies. Participants are expected to have had some exposure to the coatings field along with working knowledge in chemistry and other sciences. Enclosed please find the Summer Course Brochure.

### LASCT SUMMER EVENT

Join us on Friday, June 28, as the Angels take on the Detroit Tigers at 6:35 p.m. There will be an Angels "give-away" of slippers!

We will tailgate in the parking lot from 4:30 pm to 6:00 pm by the Big A! LASCT will provide food, snacks and soft drinks. The seats will be located in the Field Section by right field. Price is \$40.00 per ticket. Tickets will be sent via MLB Ballpark App.

Parking is not included. The Stadium parking is \$20.00 per vehicle. Tickets are limited. More information on the enclosed reservation form.

## EMPLOYMENT

Companies in the coatings industry are hiring! Employment opportunities are posted on the LASCT website at [lasct.org](http://lasct.org) and are included in the bulletin. Postings are updated regularly.

### [LASCT IS ON FACEBOOK!](#)

Search for Los Angeles Society of Coatings Technology page on Facebook. Check it out to view upcoming social events and historical photos. If you'd like to add something to the page, feel free to contact your Board of Directors.

### [LASCT IS ON LinkedIn!](#)

Los Angeles Society of Coatings Technology now has a page on LinkedIn. Check it out to view upcoming events and information regarding the coatings industry.

### MARK YOUR CALENDARS!

Please mark your calendars for the June Meeting which will be held on Wednesday, June 12, 2024. As always, meetings are held on the second Wednesday of each month.

Kelly Chen  
2023-2024 LASCT Secretary

## LASCT March Dinner Meeting



THANK YOU to Derek Marin, Vista Paint, LASCT Photography Chair



**LASCT April Dinner Meeting**



**THANK YOU** to Derek Marin, *Vista Paint*, LASCT Photography Chair

Visit [www.lasct.org](http://www.lasct.org) for more information regarding upcoming meetings, events and job postings.

Gilbert Zubiate  
President

Daryl Cartas  
Vice-President

Thomas  
Renner  
Treasurer

Kelly Chen  
Secretary

Robert  
Scrimger  
Society Liaison

*THE LOS ANGELES SOCIETY FOR COATINGS TECHNOLOGY/* **LASCT**  
www.lasct.org

## SCHOLARSHIP PROGRAM

The Los Angeles Society for Coatings Technology has for several years awarded scholarships to encourage the academic training of people with the expressed hope that the recipients seriously consider working in the Southern California Coatings Industry.

1. Scholarship candidates residing within the boundaries of the LASCT will be given preference over those living outside stated boundaries, as defined in Section 25 of the LASCT Constitution and ByLaws.
2. The applicant must be planning to pursue a course of study leading to an AA, BA, BS, MS, or PhD in science, technology, engineering, or mathematics (STEM). Students majoring in some aspect of coatings technology will have preference over those majoring in STEM. Depending on available funding, two (2) scholarships for non-STEM majors will be awarded.
3. Merit evaluation will be based upon the candidate's copy of official transcript.
4. Applicants meeting the above qualifications are eligible for consideration. Scholarships will be awarded in the order of priority listed below:
  - a. Any person currently employed in the coatings industry and who is a member.
  - b. College or graduate student who has maintained continuous LASCT membership for at least 365 days prior to application deadline.
  - c. Children of current active, associate and retired members of the LASCT. Members that attend at least two (2) LASCT meetings or events 365 days prior to application deadline are prioritized.
  - d. Other relatives of current, active and retired members of the LASCT. Members that attend at least two (2) LASCT meetings or events 365 days prior to application deadline are prioritized.
5. Scholarships will be awarded on a one-year basis.
6. Renewal of scholarships will be contingent upon continued interest in pursuing a degree and maintaining a 3.0 grade point average (A=4.0), and continued availability of LASCT scholarship funds.
7. Evaluation of applications for scholarships and scholarship renewals will be made by the LASCT Scholarship Committee. Scholarship Committee recommendations must be approved by the LASCT Board of Directors. All decisions of the Board of Directors of the LASCT in any matter connected with the scholarship competition are final.
8. Scholarship applications for the 2024-2025 academic year must be received **online** by the Scholarship Committee prior to April 30, 2024. Applications are to include the required copy of an official full transcript and essay regarding "Why I chose my specific major(s) for college." Comments on how you may want to influence the coatings industry are welcome, along with any other pertinent information. All awards will be announced at the LASCT meeting in October or November. Please submit your completed Scholarship Application package **online** at:  
<https://applyforgrants.calfund.org/SpectrumWebPortal/Accounts/Logon/Profile/Accounts>

For application guideline and questions, please contact:

Ida Lin  
PPG Industries  
Phone: (678) 373-6450  
[idadlin@yahoo.com](mailto:idadlin@yahoo.com)

Please cc: lasct@earthlink.net



## Local Membership Application September 2024 - August 2025 Membership

Los Angeles Society for Coatings Technology  
Attn: Membership  
P.O. Box 3633  
Orange, CA 92857  
Phone: (714) 998-1891 • Fax: (714) 974-4318 • Email: lasct@earthlink.net

## OFFICE USE ONLY

Date \_\_\_\_\_

Amount \_\_\_\_\_

Check \_\_\_\_\_

Initials \_\_\_\_\_

### MEMBERSHIP DEADLINE:

Application and Fee due no later than July 1, 2024 to be listed in 2024-2025 Yearbook

Check one:      Renewal       New Member

(Please print legibly)

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

Member Type: \_\_\_\_\_

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

Position: \_\_\_\_\_

Co. Address: \_\_\_\_\_

Business Phone: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

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

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

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

City, State, Zip: \_\_\_\_\_

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

### LOCAL SOCIETY MEMBERSHIP

**LOCAL DUES:**    \$55.00 – Active    \$55.00 – Associate    \$10.00 – Educator    \$10.00 – Student  
\$10.00 – Retired    \$ 0.00 – Honorary Member or Retired - Member for 15 years or greater

**Local Membership** – Members who wish to join or renew their membership in the Los Angeles Society for Coatings Technology **local section only** should complete this application and return with a check to: LASCT, P.O. Box 3633, Orange, CA 92857 or pay online at <https://lasct.org/membership/>

**Check One:** Coatings Manufacturer \_\_\_\_\_ Material/Equipment Supplier \_\_\_\_\_ Consultant/Service Provider \_\_\_\_\_  
Educator \_\_\_\_\_ Student \_\_\_\_\_

I would like to be considered to serve on the following committee(s):

- |                    |       |                   |       |                      |       |
|--------------------|-------|-------------------|-------|----------------------|-------|
| (1) Audit          | _____ | (6) Entertainment | _____ | (11) Publicity       | _____ |
| (2) Const. By Laws | _____ | (7) Library       | _____ | (12) Scholarship     | _____ |
| (3) Computer       | _____ | (8) Manufacturing | _____ | (13) Technical       | _____ |
| (4) Education      | _____ | (9) Membership    | _____ | (14) Yearbook        | _____ |
| (5) Environmental  | _____ | (10) Photographer | _____ | (15) Other (specify) | _____ |

Would you present yourself as a candidate for office?      Yes \_\_\_\_\_      No \_\_\_\_\_

Would you like to serve on a National Committee?      Yes \_\_\_\_\_      No \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_



LASCT Summer Event  
Join us for an  
Angels Baseball Game  
June 26, 2024



The Angels will take on the Detroit Tigers at 6:35 p.m.

The Angels will have a “give away” of Slippers!

We will tailgate in the parking lot by the Big A from 4:30 to 6:00.

LASCT will provide food, snacks and soft drinks.

The seats will be located in the Field Section on first base side.

Price: \$ 40.00 per person.

Parking is not included. Stadium parking is \$20.00 per vehicle.

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

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

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

City, State, Zip \_\_\_\_\_

No. of tickets \_\_\_\_\_ at \$ 40.00 = \$ \_\_\_\_\_

Total Amount Due \$ \_\_\_\_\_

Please mail this form and check to:  
LASCT, P.O. Box 3633, Orange, CA 92857

or [CLICK HERE](#) to pay online.



## FELLOWSHIP GRANT PROGRAM

The Los Angeles Society for Coatings Technology offers Fellowship Grants up to \$500 per event to LASCT members in the coating industry. The objective of this program is to encourage further academic training for those who would like to advance their current career's by obtaining further knowledge. Please note the following:

1. Fellowship Grant candidates must reside in or work within the boundaries of the LASCT. Those individuals who are in between jobs for unforeseen circumstances can also apply.
2. Applicants shall be pursuing further knowledge in coatings technology by means of a short course, seminar (webinar), symposium, or University course.
3. The course of study shall include areas of chemistry, design of experiments, environmental science, computer, or other technical tools that pertain to the coating industry.
4. Applicants shall meet the criteria of having at least 1 year as an LASCT member.
5. Two Fellowship Grants up to \$500 maximum will be awarded on a quarterly basis January, April, July, and October.
6. In the case of multiple applicants, the priority for the two recipients per quarter will consist on the following:
  - a. Years of LASCT membership.
  - b. Years of service to the LASCT as committee member.
7. Multiple grants can be applied for in one year.
8. Applications shall be submitted to the LASCT BOD, by the first day of the prior month. For example, to be eligible for one of the two the January grants, the application must be submitted by December 1<sup>st</sup> .
9. Applicants shall provide the required amount of funds, proof of registration, and the exact name of the entity the funds should be made payable to.
10. Please send all submittals and questions to [lasct@earthlink.net](mailto:lasct@earthlink.net)

Thank You on behave of the LASCT



# CAL POLY

SAN LUIS OBISPO

## POLYMERS & COATINGS

*Coating Science &  
Technology at Cal Poly*

*Short Course  
Overview*

### SUMMER SHORT COURSE

*August 5-9, 2024*

*Kenneth N Edwards*

*Western Coatings Technology Center*

*California Polytechnic State University San  
Luis Obispo, CA 93407 | (805) 756-2395  
pandc@calpoly.edu | wctc.calpoly.edu*

California Polytechnic State University, San Luis Obispo, is one of the 23 campuses of the California State University system. Cal Poly enrolls over 20,000 students and is nationally recognized for the excellence of its programs in architecture, agriculture, engineering, and the sciences.

Cal Poly's Polymers and Coatings program, an integral part of the Chemistry and Biochemistry Department of the College of Science and Mathematics, offers both an Undergraduate Concentration and a Masters Degree in Polymers and Coatings Science. The Western Coatings Technology Center is the key interphase between Cal Poly and the coating industry.

Cal Poly's summer short course on polymers and coatings brings together academic and industrial experts in the field. The one-week course covers many aspects of coating technology with emphasis on liquid coatings, both water-borne and solvent-based. Participants benefit from discussions of a wide range of topics by industry and academic experts, including VOC and air quality aspects of coatings agencies. Participants are expected to have had some exposure to the coatings field, along with working knowledge in chemistry and other sciences.

*California Polytechnic State University is an equal opportunity institution. Individuals with disabilities requiring specific accommodations are encouraged to notify the Western Coatings Technology Center in advance of this program.*

# IMPORTANT INFORMATION

The Cal Poly Kenneth N Edwards Western Coatings Technology Center in cooperation with Cal Poly Conference & Event Planning Department offers this program to professionals in the field of polymers and coatings. The program begins on Monday, August 5<sup>th</sup> at 8:00 am, and ends on Friday, August 9<sup>th</sup> by 12:00 noon.

The early registration period ends at 5:00PM on Friday, June 28, 2024. Registrations received after this deadline will be charged the full amount of \$1950.

Cancellation of enrollment must be received in writing. To receive a full refund, cancellation request must be received no later than June 30, 2023. No refunds will be issued after that date. A \$125.00 administration fee is assessed for processing refunds. Questions concerning registration or refunds should be directed to Cal Poly Conference & Event Planning at (805) 756-7600, FAX (805) 756-7601.

## AGENDA

- Overview of course, review of basic chemistry
- Introduction to polymer chemistry
- Overview of VOC analysis
- Physical polymer chemistry
- Polymer analysis
- Organic polymer chemistry
- Coatings formulation
- Coatings properties and testing
- Coatings rheology and application aspects
- Discussion of lab results

## INSTRUCTORS

Mr. Daniel Douty, Chemours Corporation  
Dr. Ray Fernando, Cal Poly State University  
Dr. Leslie Hamachi, Cal Poly State University  
Dr. Gary Dombrowski, Dow Chemical  
Mr. Brent Laurenti, BYK Additives Company  
Dr. Patrick Lutz, EPS/Color Corporation  
Mr. Scott Van Remortel, Covia Corporation  
Dr. Erik Sapper, Cal Poly State University  
Dr. Todd Williams, Covestro Corporation  
Dr. Shanju Zhang, Cal Poly State University

## LAB SESSIONS

- Solution and emulsion polymerization, GPC molecular weight analysis, viscosity molecular weight analysis.
- Paint formulation from commercial latex and student latex, paint testing, thermal analysis.
- Formulate architectural coatings, two-component urethane, epoxy coatings, test coatings.
- VOC analysis by ASTM GC-MS method.

## TRAVEL & ACCOMMODATIONS

San Luis Obispo is located in California's Central Coast region, 200 miles north of Los Angeles and 230 miles south of San Francisco. Participants who wish to drive from the Los Angeles or San Francisco areas may take Route 101. All major airlines offer services to San Luis Obispo Airport with connecting flights from Los Angeles, San Francisco, and Phoenix, Denver, and Seattle. The San Luis Obispo Chamber of Commerce website ([www.visitslo.com](http://www.visitslo.com)) contains information for local hotels. Lodging is not included in the program fee.

## COURSE FEES 2024\*

Before 5:00 PM on June 28, 2024 \$1850

After 5:00 PM on June 28, 2024: \$1950

*Participants can register online at, [wctc.calpoly.edu](http://wctc.calpoly.edu).*

*\*Program fee includes handout hard copies, electronic copies of the course material, and lunch, Monday-Thursday.*