



*Society for the  
Advancement of  
Material and Process  
Engineering*

# **SAMPE**

## **Los Angeles Chapter News and Information**



**January  
2020**

***L.A. CHAPTER MEETING***  
***January 30, 2020 (Thursday)***

***6:00 PM***

***BENZOXAZINE RESIN AND ITS COMPOSITES***

**CALIFORNIA STATE UNIVERSITY, LONG BEACH**



**ADDRESS:**

California State University, Long Beach  
6359 E. State University Drive  
Building ECS, Room 312  
Long Beach, CA 90815

**TIME:**

**6:00 PM** - Pizza and Soft Drinks (Free)

**6:30 PM** - Presentation "Benzoxazine resin  
and its composites" by CSULB researchers.

Tour of CSULB "Polymer and Advanced  
Composite lab" to follow the presentation

**RESERVATIONS:**

Please [RSVP](mailto:eric.ehlers@canyoncomposites.com) by email to  
[eric.ehlers@canyoncomposites.com](mailto:eric.ehlers@canyoncomposites.com)

Anyone may attend.

## **Meeting and Lab Tour Host**

### Dr. Ehsan Barjasteh

Ehsan Barjasteh, Ph.D.

Assistant Professor, Departments of  
Mechanical/Aerospace Eng. & Chemical Eng.  
California State University, Long Beach  
Office: 562.985.2260  
ehsan.barjasteh@csulb.edu

Dr. Ehsan Barjasteh will provide a lab tour after technical presentation.

Dr. Barjasteh joined the Department of Mechanical and Aerospace Engineering/ Chemical Engineering (joint position) at California State University, Long Beach as an assistant professor in Fall 2015. Dr. Barjasteh obtained his Ph.D. in Chemical Engineering from the University of Southern California in 2011. Dr. Barjasteh has over 10 years of industry experience working on the development and manufacturing of polymer composite materials for commercial and aerospace applications.



Since 2007, Dr. Barjasteh worked and consulted at several companies in California including Composite Technology Corporation, Henkel Aerospace, Tencate Advanced Composites. The focus of his industry career was to develop lightweight products and manufacturing processes to increase the material performance and reduce the manufacturing cost. He also was a visiting scholar at McGill Composite Center at the University of Southern California in 2015.

Dr. Barjasteh's research focuses on the development and optimization of advanced polymer and composite materials and processes for commercial and aerospace applications. His research interests include manufacturing of advanced composite materials using out-of-autoclave (OOA) processes, self-healing and repair of composite structure using smart materials, interlayer toughening of advanced composite materials, life-time prediction and aging of composite structures, 3D-printing of thermoset and thermoplastic polymers for high temperature applications, and progressive damage detection and analysis.



## Autoclave



## Lab



# CSULB Map



## Irene Epstein Scholarship

The Irene Epstein Memorial Scholarship Awards were initiated in 1996 shortly after the death of Irene Epstein, to honor her volunteer efforts on behalf of the Society for the Advancement of Material and Process Engineering (SAMPE), and to recognize her strong desire to assist financially-needy, academically-deserving students at Fairfax High School (Los Angeles) to attend college to study engineering, science, mathematics, or medicine.

The Irene Epstein Memorial Scholarship Awards program was initially funded by contributions from The Aerospace Corporation and SAMPE. It is also supported by the Air Force Space Systems Manufacturing Problem Prevention Program (MP3).

The program is administered by Dr. Howard A. Katzman, Senior Scientist at The Aerospace Corporation, and Education Chairman of the Los Angeles Chapter of SAMPE.

Many individuals and companies have generously contributed to help the fund grow so the amount of the scholarship awards has increased five-fold since it started. In addition, a special Book Awards was introduced three years ago to help selected students in the purchase of their college textbooks. If you would like to make a donation or learn more about the scholarship, please contact Dr. Howard A. Katzman at 310-336-5860 or e-mail him at [Howard.A.Katzman@aero.org](mailto:Howard.A.Katzman@aero.org).

## Schedule of Upcoming Events

Event	Location	Date
Medical Design & Manufacturing West	Anaheim, CA	February 11-15, 2020
UCLA Presentation and Lab Tour	Los Angeles, CA	February 24, 2020
High Desert SAMPE Technical Conference	Lancaster, CA	March 4, 2020
Special Presentation by Scott Beckwith	Los Angeles, CA	March 18, 2020
Tooling Technologies for Composites Manufacturing	Los Angeles, CA	March 18 -19, 2020
Rapid + tct (Additive Manufacturing)	Anaheim, CA	April 20 – 23, 2020
USC Presentation and Lab Tour	Los Angeles, CA	April 23, 2020
Space Tech Expo	Long Beach, CA	May 18 – 20, 2020



## **SAMPE-Los Angeles Sponsors**

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Toray Composites (America)	Nate Monroe	253 320-8958	<a href="mailto:nmonroe@toraytca.com">nmonroe@toraytca.com</a>

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**Thank you all for your sponsorship and support of SAMPE – LA!!!**

Our list of sponsors is growing!!! Sponsors get monthly exposure in our mailing to over 750 members and associates of the local chapters of SAMPE. Sponsors also get a link to their corporate webpage via the SAMPE Los Angeles Chapter website.

For information on being a sponsor, please contact:

Howard A. Katzman

(310 )336-5860