



*Society for the  
Advancement of  
Material and Process  
Engineering*

**SAMPE  
Los Angeles Chapter  
News and Information**



**April  
2021**

**JOINT MEETING  
OF  
LOS ANGELES AND USC SAMPE CHAPTERS  
MC GILL COMPOSITES CENTER  
April 27, 2021 (Tuesday) at 6:00 PM**



**Date:**

04-27-21 (Tuesday)

**Time:**

6:00 PM PDT

**Reservations:**

Register for the Zoom presentation.

**Registration link at:**

You are invited to a Zoom meeting.  
When: Apr 27, 2021 06:00 PM Pacific Time (US and Canada)

Register in advance for this meeting:  
<https://us02web.zoom.us/join/zoom/register/tZcludu2oqzMvHda tq5Qb-TPtz7s7x-SDinMP>

After registering, you will receive a confirmation email containing information about joining the meeting.

## USC RESEARCH ACTIVITIES

USC SAMPE and the MC Gill Composites Center invites composites industry professionals, students, researchers, and enthusiasts to a virtual platform for the 6th annual joint meeting of the Los Angeles and USC SAMPE Chapters. The MC Gill Composites Center, directed by Professor Steven Nutt, has prepared a presentation of recent research developments in composites processing. There will be introductions to the center, describing the background and qualifications of our professional, graduate, and undergraduate research staff, before several senior Ph.D. candidates will discuss new developments in prepreg design and processing. Finally, several additional projects will be briefly discussed to demonstrate the scope of research contributions at the M.C. Gill Composites Center and inspire discussion between students and industry professionals. A video walk-through of the lab space of the center. Individual sessions will then occur where guests will be provided an opportunity to discuss results directly with the student researchers responsible for the data presented.



## MC GILL COMPOSITES CENTER



Established in 1995 and endowed with a generous gift from M.C. Gill in 2002, the mission of the MC Gill Composites Center is to address problems associated with the design, manufacture, and performance of composite materials and structures. The Center strives to train graduate and undergraduate students in the material selection, design, processing, and qualification of composite structures while simultaneously working to address practical challenges through industry-sponsored research and development activities. Personnel within the composites center make available a range of expertise, with specialized skills including, but not limited to, mechanics, polymer science, and manufacturing technology. Student researchers work closely with industry sponsors, and previous and ongoing collaborations have involved the likes of The Gill Corporation, Airbus, General Electric, Composite Technology Corporation, HRL Laboratories, Raytheon, NASA, Cytec Engineered Materials, L'Garde Corporation, Bell Helicopter, NewBasis, HyperTherm Composites, and Northrop-Grumman. More information about the center and current research activities can be found online at <http://composites.usc.edu>.

A lot going on at the MC Gill Composites Center at USC.



## **Irene Epstein Memorial Scholarship Awards**

**This is the 25th year of the Irene Epstein Memorial Scholarship Awards which started shortly after Irene's death in 1996. Irene Epstein was the wife of George Epstein, long time member of the Los Angeles Chapter of the Society for the Advancement of Materials and Process Engineering (SAMPE L.A.). Irene believed that kids desiring to go to college should not be deterred because of financial limitations.**



**The Board of Directors of SAMPE L.A. established the requirements that the recipients must be academically deserving and planning to study engineering, science, mathematics, or medicine. The awardee must have financial need that will be eased by the scholarship award.**

**The amount of the scholarships has increased over the years, as has the number of scholarship awards. Also, book awards are made to other deserving students to cover the cost of their first-year textbooks.**

**Dr. Howard Katzman, senior scientist at The Aerospace Corporation, has done an outstanding job in organizing and conducting the scholarship selections and presentations, in coordination with key staff at Fairfax High School and in working with the Board of Directors of SAMPE L.A. Starting this year, scholarship awards will also be made to students at Girls Academic Leadership Academy (GALA).**

**The year 2021 Irene Epstein Memorial Scholarships awardees are:**

**Grace Kim  
Grace Lee  
Ashley Chang  
Humairah Djafar  
Raquel Bravo  
Tora Hoar Vea  
Angela Cui**

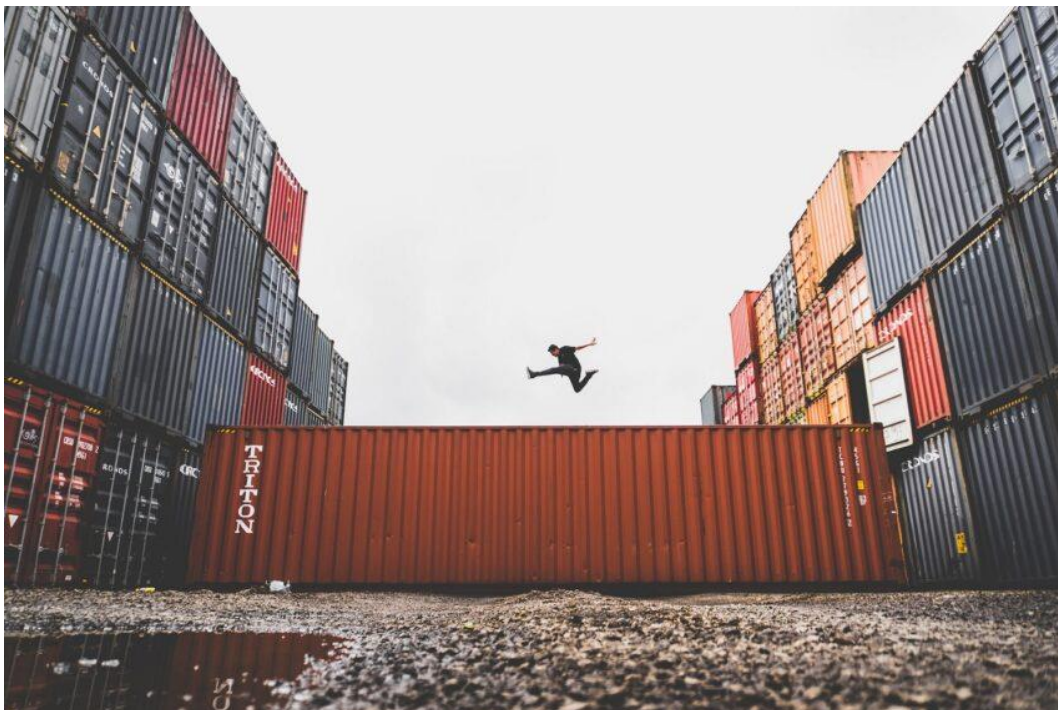
**Students receiving Book Awards are:**

**Kaia Thompson  
Zooney Gastelo  
Sophia Lemus  
Kahlila Williams**

**Congratulations to this year's Irene Epstein Memorial Scholarship and Book Award winners.**

## Schedule of Upcoming Events

Event	Presented From	Date
Composite Advancements	USC Los Angeles, CA	April 27, 2021
Del Mar Electronics & Manufacturing Show	Del Mar, CA	June 2- 3, 2021
Space Tech Expo	Long Beach, CA	October 6 – 8, 2021
Anaheim Electronics & Manufacturing Show	Anaheim, CA	October 20 -21, 2021
Measurement Science Symposium	Anaheim, CA	November 15 – 18, 2021
Westec and AeroDef	Long Beach, CA	November 16 – 18, 2021
MP3	Aerospace Corporation El Segundo, CA	April, 2022
CAMX	Anaheim, CA	October 10 -13, 2022



## 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).

**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 500 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

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