

University of California, Irvine Student Chapter Annual Report 2014



1. List of current Student Chapter Members

Name	Email address	SPIE member #
Alba Alfonso Garcia*	alba.alfgar@gmail.com	3503283
Jaedu Cho	jaeduc1@uci.edu	
Rupsa Datta*	rupsadatta@gmail.com	3536404
Ryan Farraro	rfarraro@uci.edu	
Edmund Florendo	florende@uci.edu	
Jue Hou	jueh@uci.edu	
Julie Hsu*	juliech@uci.edu	3554348
Joseph Jing	jcjing@gmail.com	
Abhishek Kurup	akurup@uci.edu	
Jessica Kwong	jessica.kwong@uci.edu	
Alex Luk	lukt@uci.edu	
Richa Mittal*	mittalr@uci.edu	3435523
Wesley Moy	wmoy@uci.edu	
Kyle Nadeau*	knadeau@uci.edu	3484648
Zhonglie Piao	zlpiao@pusan.ac.kr	
Adrien Ponticorvo	apontico@uci.edu	
David Escofet Martin	descofet@uci.edu	

*chapter officer

2. Details of Chapter activities since last report.

a. Describe exactly how chapter grant funding was spent.

Our annual **Art in Science** contest celebrated its 6th edition in November with over 30 participants from multiple disciplines. We spent a total of \$236.25 on this event, **\$125** of which came from the SPIE activity grant.

We continued **Frontiers in Photonics**, our seminar series. Our invited speakers were Dr. John Fourkas (University of Maryland) as our OSA traveling lecture in early April, David Rieze (Caltech) in late April, and Alex Small (Cal Poly Pomona) in May. We have our 4th speaker of the year, Donn Silberman. We have spent a total of \$305.92 on these events, **\$200** of which came from the SPIE activity grant.

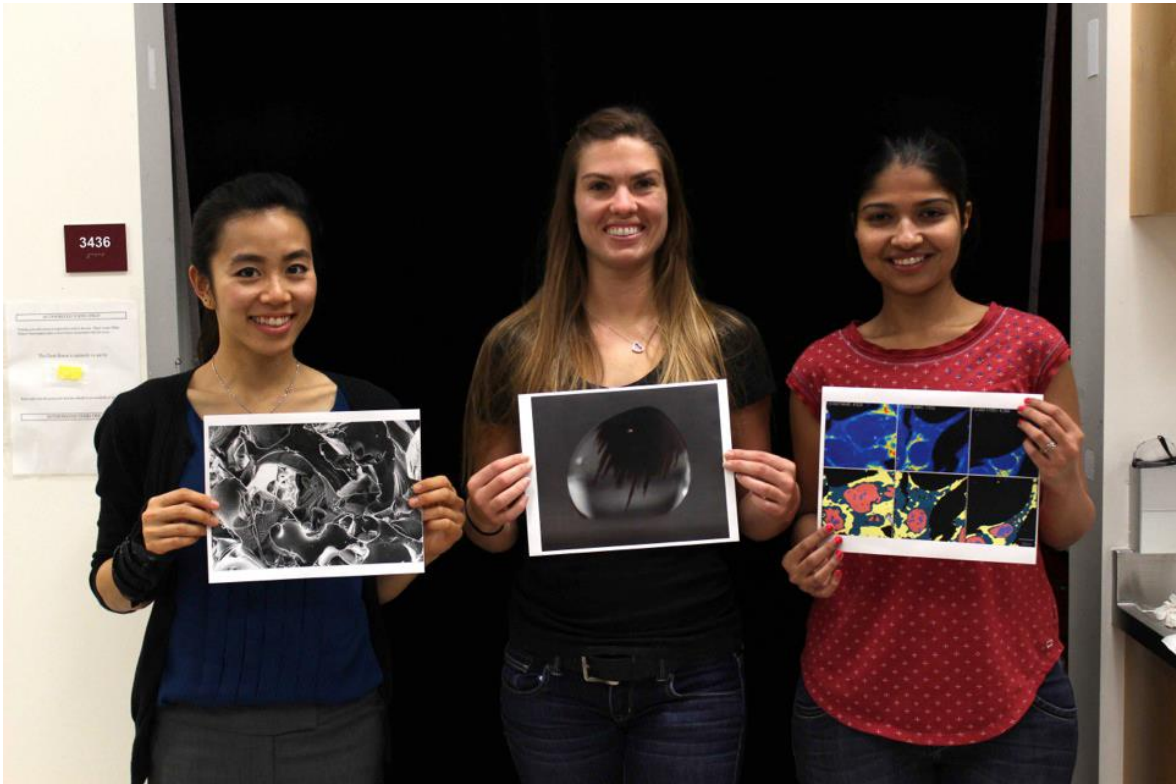
We hosted our annual Welcome Event in October with over 20 attendees, and spent a total of \$146.56, **\$75** of which came from the SPIE activity grant.

On December 9, we attended an OSSC event on the state of the optics industry that took place at UCI.

On March 2014, we attended the San Diego Festival of Science & Engineering.

We started social gatherings: played with laser graffiti on December, and had two ‘pizza and building’ sessions to assemble our Kaleidoscope kits (February), and Spectrobox kits (March) for the San Diego Festival of Science & Engineering. These activities gathered 10-20 people, or event more than 30 volunteers for the ‘pizza and build’ events. The ‘pizza and build’ events, including fabrication and distribution of Spectrobox kits, and attending the San Diego Festival of Science and Engineering, cost a total of \$1683.76, **\$300** of which came from the SPIE activity grant.

- Art in Science festival winners, 11/22/13



- San Diego Festival of Science and Engineering



- Dr. John Fourkas



- Dr. David Rietze from LIGO



- Social gathering: playing with light



b. Were these activities described in your funding request?

Yes. Although we hosted more events, above we highlight the ones where SPIE activity grant funds were used.

3. Details of planned activities for the future.

Continuing with our Frontiers in Photonics lecture series, we will have a new speaker each academic quarter give a lecture to the optics and photonics community at UC Irvine. In particular, we have a distinguished guest Dr. Steven Jacques visiting from 12/3 – 12/4, giving a talk titled “Probing the nanoarchitecture of tissues using optical scattering”. We will also hold the Art in Science contest again next year. In January of next year, we will hold a practice session for researchers who will be presenting at the SPIE Photonics West Conference. We have several officers in our Student Chapter who will be presenting at Photonics West.

In addition, we will continue to have a chapter meeting every month where we will hold optics activities and may also invite UCI professors and students to give talks on optics research. We will again have tables at the San Diego Festival of Science.

Since 2015 is the International Year of Light, we are planning on a day-long event consisting of keynote lectures and demonstrations on the importance of light in everyday life. This will be a collaborative effort between departments such as physics, biology, engineering, and visual art.

4. Financial information.

a. Beginning balance

Our chapter account balance on 11/29/13 was \$899.78.

b. Funds raised and expended (indicate amounts and source/destination)

Funds Raised

Title	Amount
OSA Activities Grant	\$800
OSSC Mirror Tech Donation	\$534
OSA Grant - Build-Your-Own Spectrometer Kit	\$500
OSA Grant - Video Series of Light	\$200
NSF Center for Chemistry at the Space-Time Limit (CaSTL) Outreach Support	\$500
OSA Travelling Lecturer	\$1,500
SPIE Activity Grant	\$700
total	\$2,534

Funds Expended

Title	Amount
UCI Club registration	\$50
Anteater Welcome Week Table Fee	\$13
October Welcome Party Posters+Refreshments	\$146.56
Art in Science	\$236.25
November monthly meeting	\$26.92
December monthly meeting	\$10.13
January monthly meeting	\$13.95
February monthly meeting/SD Fair assembly	\$22.06
March monthly meeting/ SD Fair assembly	\$38
San Diego Festival of Science	\$1,683.76
Frontiers in Photonics seminar (Fourkas)	\$89.88
FiO poster	\$34
Frontiers in Photonics seminar (Reitze)	\$127.06
SPIE Europe poster	\$59
Frontiers in Photonics seminar (Small)	\$8.98
total	\$2,560

c. Details of SPIE funding received

Over the past year, we have received the SPIE Chapter Activity Grant (\$700) and the Travelling Lecturer grant (\$1000).

d. Ending balance

Our balance as of 11/29/13 is \$873.78.