UCR SPIE Student Chapter Annual Report 2016-2017

1) Names and email addresses of elected officers

President: Joshua Burns (joshua.burns@email.ucr.edu)
Vice President: Thompson Lu (tlu011@ucr.edu)
Secretary: Jack Tang (jtang014@ucr.edu)
Treasurer: Razn Abu Qamar (rabuq001@ucr.edu)

2) List of current student chapter members and membership expiration dates

Members
Razn Abu Qamar 27 April 2018
Bassim Arkook 18 April 2018
Ece Aytan 29 August 2018
Joshua Burns 7 June 2017
Taylor Hanley 3 May 2017
Nicholas Koskelo 14 February 2018
Junze Liu 28 November 2017
Jenny Mac 18 October 2017
Kendrick Mensink 12 January 2018
Dante O’Hara 15 June 2017
Danielle Ornelas 19 October 2017
Samuel Patton 1 May 2017
Jack Tang 16 December 2017

3) Details of Chapter Activities (June 2016 - May 2017)

Outreach: Research Networking Q&A Dinner (November 2016)

We hosted a networking dinner where undergraduates had the opportunity to speak with graduate student researchers and to get tips on how to get into research labs at UC Riverside.
Field Trip: Palomar Observatory (November 2016)
Our chapter took a day to visit the Palomar Observatory near San Diego. We got to see some interesting exhibits about optics in space, observe the inner workings of a research grade telescope and take in the scenery.
We invited Dr. Kirill V. Larin to give a talk about his lab’s development in optical coherence tomography. Afterwards we met with Dr. Hyle Park’s lab group to get lunch with Dr. Larin. Dr. Park’s students are also engaged in OCT research and we thought this was a valuable opportunity for their lab.
5) Expenses 2016-2017

Expenses for Research Networking Dinner: $80.00
Transportation for Palomar Observatory: $40.00

The Palomar Observatory trip was described in the funding request. Instead of the laser cutter project we plan on assembling a weather balloon and instead of the OptiSigmaCorp field trip we had a research networking dinner with the intention of connecting graduate and undergraduate students interested in research.

6) Projected Costs for 2017-2018

Transportation for Jet Propulsion Laboratory Field Trip: $60.00
Transportation for Griffith Observatory: $60.00
Transportation and supplies for outreach at King High School: $100.00
Parts for assembling weather balloon camera and spectrometer: $300.00

7) Planned Activities for 2017

Field Trip: Jet Propulsion Laboratory (November 2017)
Field Trip: Griffith Observatory (2018)
Guest speaker: TBD
Project: Weather balloon camera and spectrometer (June 2017)
Outreach: King High School (May 2017)

8) List of photonics-related publications by chapter members


Mingguang Chen, Guanghui Li, Wangxiang Li, Dejan Stekovic, Bassim Arkook, Mikhail E. Itkis, Aron Pekker, Elena Bekyarova, Robert C. Haddon, "Large-scale cellulose-assisted transfer of graphene toward industrial applications." Carbon, 110, 286-291 2016.


9) Conference proceedings


