

ANNUAL REPORT
SPIE STUDENT CHAPTER
UNIVERSITY OF HOUSTON
July 2015

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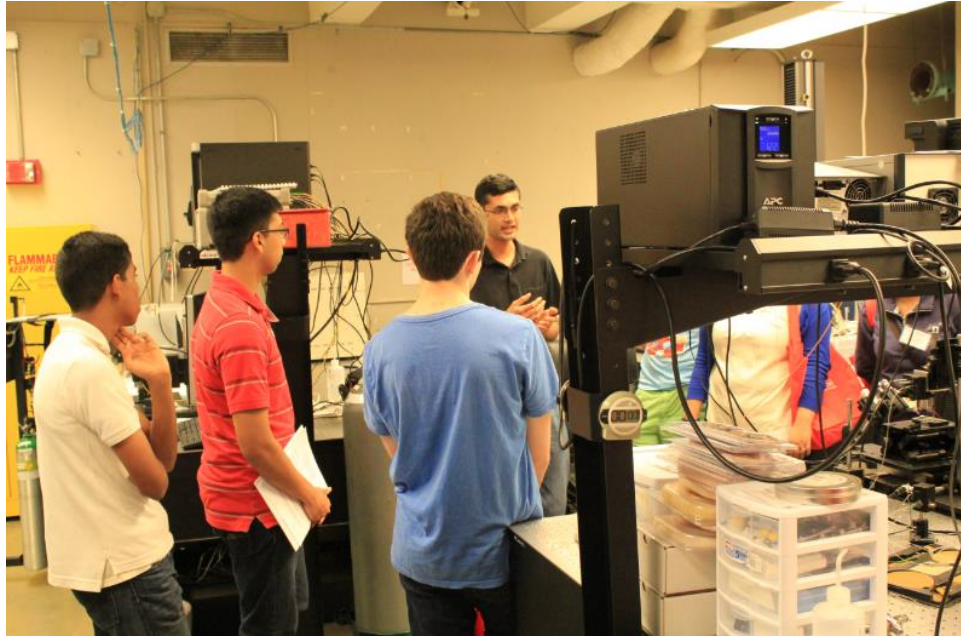
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➤ **Activities**

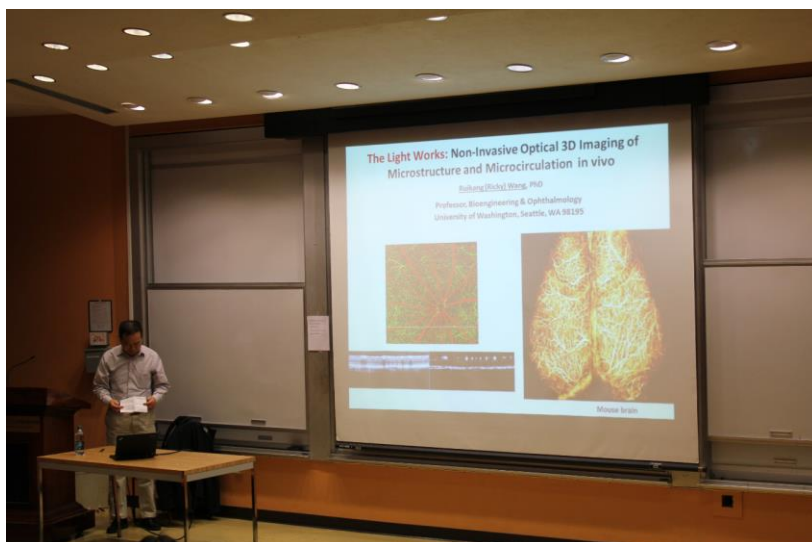
- 1) In October 2014, we organized an event named “SPIE Optics Day” in the engineering college. We arranged a lab tour for all the attendees that included an introduction into the field of optics and a demonstration of proper use of optical equipment. Attendees were also given an opportunity to explore the research interest of the graduate students and post-doctoral fellows. The purpose of this event was to capture the attention of the UH student body and gather interest in the field of biomedical optics. We aimed to strengthen the influence of our SPIE chapter.





2) Guest speaker

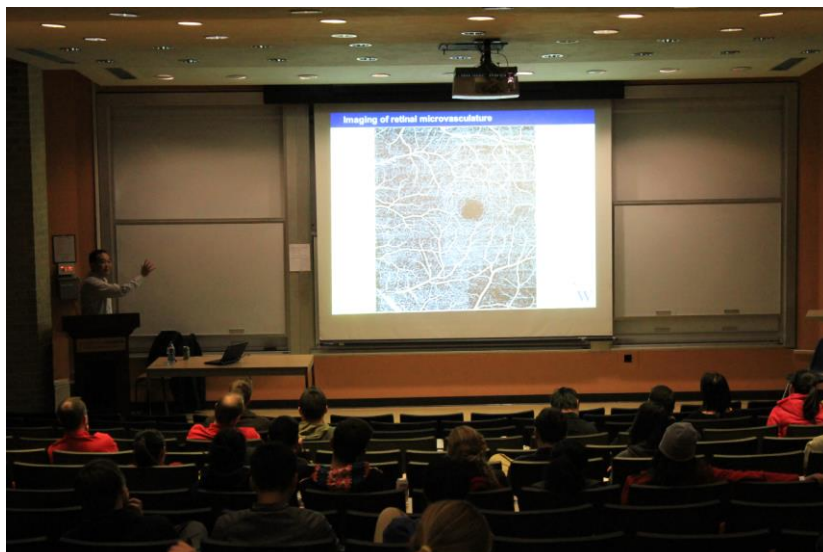
In November 2014, we held a seminar at the University of Houston and invited Dr. Ruikang Wang to provide a lecture of his current research.



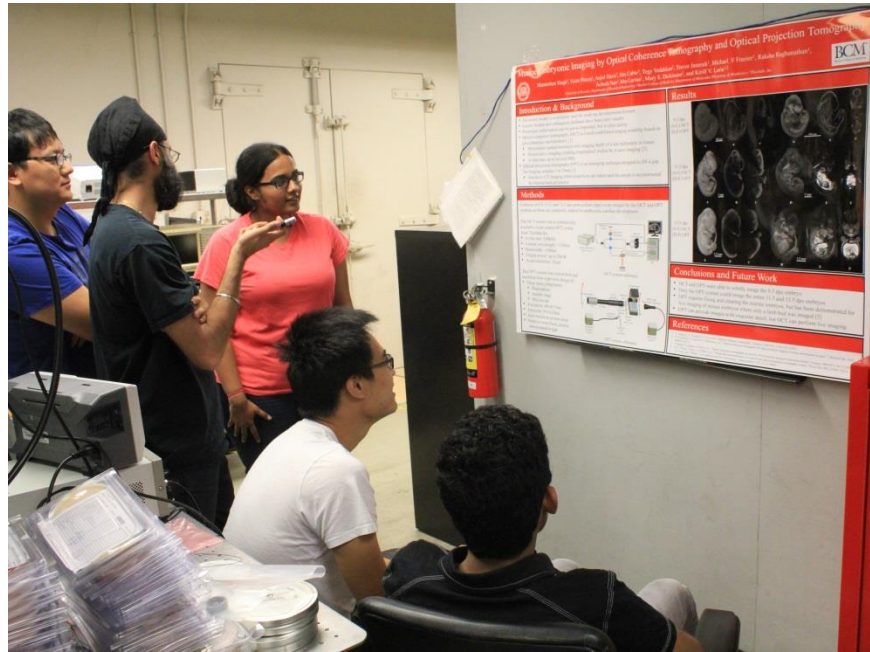
The lecture topic was “The light works: non-invasive optical 3D imaging of microstructure and microcirculation within tissue beds *in vivo*”.



Several students and professors were very interested in his work and our chapter got a lot of positive feedback regarding this seminar. A meeting was arranged after the lecture for students and faculty for questions and comments.



3) Bio-Optics Day



Every year the senior graduate students attend the SPIE Photonic West conference to present their research. In order to introduce new SPIE student chapter members to the research being presented at the conference, in late February after the conference we arranged a small social event among the chapter members. The senior graduate students discussed their research and answered questions from the junior members.

➤ **Details of planned activities for future**

- 1) Invite guest speaker for a seminar in November 2015; potential candidates have been selected.
- 2) Organize a poster session within the campus in cooperation with other departments and chapters to attract more students to our campus and bring attention to STEM research.
- 3) Arrange “Optical Engineering Day”, with the aim of instructing students and interested individuals the principles behind optics and engineering. Attendees will be able to gain hands on experience in research and design, which is integral to the advancement of the field.
- 4) Using the reach out optics kit that we have recently received, we can approach local elementary and intermediate schools to teach interested students more about the field of optics.



Financial information

Previous Year Balance: 0			
Received		Spent	
Activity grant	500	SPIE Optics Day	157
		Guest speaker seminar	245
		Bio-Optics Day	75
Total Current balance: 23			