

Report on Faculty Grants for International Connections

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Destination: Huazhong University of Science and Technology (HUST) and Wuhan University (WHU), Wuhan, China

With the support from the Office of International Affairs at Lehigh University, I traveled to Wuhan, China in May 2013 and visited my colleagues at HUST and WHU. The trip was very successful and fruitful. I am summarizing the main outcomes of the visit below:

- 1) I was invited by Vice President of HUST, Prof. Qingming Luo, to speak at the 11th International Conference on Photonics and Imaging in Biology and Medicine held at HUST on May 26-29, 2013. Over 150 participants from 7 countries including China, Italy, The Netherlands, New Zealand, Russia, Spain, and the United States attended the conference. My talk, entitled "Evaluation of Seizure-induced Neuronal Injury in Organotypic Brain Cultures using Optical Coherence Microscopy", was well received and generated many interests in the audience.
- 2) I visited Vice President Qingming Luo's lab at the Wuhan National Lab for Optoelectronics and met with students and scholars working in the biomedical optics field. I have also invited Vice President Luo to visit Lehigh University. On June 20, 2013, Vice President Luo came to Lehigh and met with Dean Wu of the College of Engineering, Debra Nyby (Director of International Services), Prof. Filbert Bartoli (Professor and Chair of Electrical and Computer Engineering), and Prof. Nelson Tansu (Associate Professor of Electrical and Computer Engineering), and talked about potential joint programs between HUST and Lehigh University. Vice President Luo also extended his invitation to Vice President Mohamed El-Aasser to visit HUST in the future.
- 3) I also visited Prof. Yutao Ma in the State Key Lab of Software Engineering at WHU during my trip. Prof. Ma was a visiting professor in my lab in the summer of 2012. During my visit to Wuhan this time, we further discussed details of our collaboration, and finalized a manuscript, entitled "Space-division multiplexing optical coherence tomography". The manuscript is currently under review for consideration of publication in *Optics Express*.
- 4) Prof. Ma visited my lab at Lehigh from July 1st to July 10th 2013 again after he attended an international conference on software engineering in Boston in late June.

In summary, the support from the Office of International Affairs has enabled me to strengthen the international connections between Lehigh University and HUST and WHU. I will continue working with my colleagues at Lehigh and in China to move the collaborations forward, so that more students and scholars at Lehigh University and at HUST and WHU can benefit from these international connections.