Md. Mottaleb Hossain awarded a 2014 SPIE Optics and Photonics Education Scholarship

CHTM and OSE-ECE graduate student, Md. Mottaleb Hossain, has been awarded a prestigious 2014 Optics and Photonics Education (OPE) Scholarship in the amount of $2000.00 by SPIE-the international society for optics and photonics for his potential contributions to the field of optics and photonics. He was also the recipient of 2013 SPIE Student Travel Grant to present his paper at SPIE Optics + Photonics Conference. While being very active in his research, Mottaleb has been a great mentor to a number of undergraduate and high-school students working on research projects at CHTM. Over the years, he has donated his time generously to many outreach activities at CHTM and OSE.

Mottaleb received Bachelor of Science (BSc) in Electrical & Electronic Engineering (EEE) from Khulna University of Engineering & Technology (KUET), Bangladesh in 2009. He is now pursuing PhD in Optical Science and Engineering (OSE) at the University of New Mexico (UNM), USA. He works with ECE Professor Majeed M. Hayat, CHTM Associate Director and OSE General Chair and Fellow of SPIE, OSA, and IEEE on modeling, design, fabrication, and characterization of CMOS compatible avalanche photodiodes (APDs) and integrated plasmonic detectors to be used in smart-lighting applications. His research work is supported in part by the National Science Foundation (NSF) under the Smart Lighting-Engineering Research Center (ERC).

Mottaleb has excellent leadership and communication skills and has a strong interest in innovation. He is the newly elected President of the Optical Society of America’s UNM Student Chapter (OSA-UNM) for the period of 2014-2015. He also served as the Vice President of OSA-UNM Student Chapter for the period of 2013-2014. He is an active graduate student member of many professional and learned societies including SPIE, OSA, IEEE, IEEE Photonics Society (IPS), IEEE EDS, and Institution of Engineers, Bangladesh (IEB).

Read more about Mr. Mottaleb’s research, awards, publications, outreach activities, and background at http://www.unm.edu/~mottaleb77.

Congratulations to Mottaleb for his success!