



Press release

## Mottaleb awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – 6 June 2014 – Md. Mottaleb Hossain has been awarded a 2014 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics for his potential contributions to the field of optics, photonics or related field.



Mottaleb is pursuing his PhD in Optical Science and Engineering (OSE) at the University of New Mexico (USA). He works with ECE Professor Majeed M. Hayat, CHTM Associate Director, OSE General Chair and Fellow of SPIE, OSA, and IEEE on modeling, design, fabrication, and characterization of plasmonically enhanced CMOS compatible avalanche photodiodes for smart-lighting applications (funded by the NSF Smart Lighting ERC). Mottaleb has been a mentor to a number of undergraduate and high-school students working on research projects at Center for High Technology Materials (CHTM). He has donated his time to many outreach activities at CHTM and OSE. In addition, through his outreach activities, he has become a source of

inspiration for many of youngsters who one day themselves become researchers, educators in the field of photonics. "This award will be a great encouragement and motivation for me towards my contribution to Optics and Photonics," said Mottaleb.

In 2014 SPIE awarded \$353,000 in education and travel scholarships to 144 outstanding individuals, based on their potential contribution to optics and photonics, or a related discipline. Award-winning applicants were evaluated, selected and approved by the SPIE Scholarship Committee, Chaired by SPIE volunteer Kevin Leonard.

To date, SPIE has distributed over \$3.5 million dollars in individual scholarships. This ambitious effort reflects the Society's commitment to education and to the next generation of optical scientists and engineers around the world.

SPIE scholarships are open to full- and part-time students studying anywhere in the world. All scholarship applications are judged on their own merit, based on the experience and education level of the individual student.

To view press releases of the Scholarship Recipients go to <http://spie.org/x1737.xml>. Contact [scholarships@spie.org](mailto:scholarships@spie.org) if you have any questions. Learn more at <http://spie.org/scholarships>.

[SPIE is the international society for optics and photonics](#), a not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves nearly 256,000 constituents from approximately 155 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional networking, and patent precedent. SPIE provided \$3.2 million in support of education and outreach programs in 2013.

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