



Ryan Denomme awarded an SPIE Scholarship in Optics and Photonics



BELLINGHAM, Washington, USA – June 15, 2011 – Ryan Denomme has been awarded a 2011 Scholarship by SPIE, the International Society for Optics and Photonics for his potential contributions to the field of optics, photonics or related field.

"For the duration of the SPIE Scholarship in Optics and Photonics, I will be studying at the University of Waterloo, one of Canada's premier research institutions, located in Waterloo, Ontario, Canada," said Denomme. "I am pursuing a Masters of Applied Science in Mechanical Engineering with the Sensors and Integrated Microsystems Laboratory (SIMSLab), which develops next generation micro and nano sensors for biomedical, environmental, and harsh environment applications. While holding the SPIE award, I will be developing an optical protein sensing platform for remote environmental health monitoring and point-of-care medical diagnostics. The sensing platform uses the unique optical properties of metal nanoparticles to create a highly sensitive device that is simple, low cost, and robust. The SPIE Scholarship in Optics and Photonics will allow me to focus on developing this novel biosensor technology, which will have a positive impact in many important areas of society."

SPIE awarded \$350,000 in scholarships to 137 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 Marta de la Fuente.

To date, SPIE has distributed over \$3.3 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 photos and descriptions of the Scholarship Recipients go to <http://spie.org/x1737.xml>. Contact scholarships@spie.org if you have any questions. Learn more at <http://spie.org/scholarships>.

SPIE, the international society for optics and photonics, was founded in 1955 to advance light-based technologies. Serving more than 180,000 constituents from 168 countries, the Society advances emerging technologies through interdisciplinary information exchange, continuing education, publications, patent precedent and career and professional growth. SPIE annually organizes and sponsors approximately 25 major technical forums, exhibitions and education programs in North America, Europe, Asia and the South Pacific, and supports scholarships, grants and other education programs around the world.

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