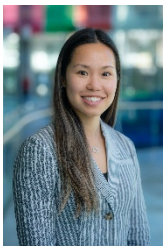
Press release

Cheung awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – 13 May 2020 – **Amanda Cheung** has been awarded a 2020 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics, for her potential contributions to the field of optics, photonics or related field.



Cheung is a PhD student in Neuroscience at the University of British Columbia (Canada), working under the supervision of Dr. Babak Shadgan and Dr. Brian Kwon. Her research focuses on developing a novel optical sensor based on near-infrared spectroscopy (NIRS) to monitor the injured spinal cord. She aims to use this technology to optimize the clinical management of spinal cord injury patients and ultimately improve their chances of neurologic recovery.

In 2020, the Society is awarding $298,000 in education scholarships to 78 outstanding SPIE student members, 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 Kate Medicus.

Through 2019, SPIE has distributed over $6 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.

To view other 2020 press releases as they become available go to the 2020 Scholarship Winners page or learn more about SPIE scholarships on spie.org.

SPIE is the international society for optics and photonics, an educational not-for-profit organization founded in 1955 to advance light-based science, engineering, and technology. The Society serves more than 255,000 constituents from 183 countries, offering conferences and their published proceedings, continuing education, books, journals, and the SPIE Digital Library. In 2019, SPIE provided more than $5.6 million in community support including scholarships and awards, outreach and advocacy programs, travel grants, public policy, and educational resources. www.spie.org

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