



Press release
28 May 2025

Filip Bodera awarded an SPIE Optics and Photonics Scholarship

BELLINGHAM, Washington, USA — **Filip Bodera** has been awarded a 2025 Optics and Photonics Scholarship by SPIE, the international society for optics and photonics, for potential contributions to optics, photonics, or a related field.



Bodera is a Canada Graduate Scholarship Doctoral Awardee and a fourth-year PhD candidate in medical physics at Toronto Metropolitan University (TMU), working at the Institute for Biomedical Engineering, Science and Technology (iBEST), a collaborative research institute formed through a partnership between TMU and St. Michael's Hospital, part of Unity Health Toronto. Under the joint supervision of ultrasound physicist Dr. **Michael Kolios** and clinician scientist Dr. **Mark McVey**, Bodera's research focuses on non-invasive photoacoustic imaging of neuroinflammation in the context of pediatric cardiac surgery. After completing his PhD, Bodera intends to pursue a residency in medical physics, aiming to integrate translational research with his clinical responsibilities. He is also exploring entrepreneurial opportunities, with the goal of commercializing his research within Toronto's vibrant innovation ecosystem. "I am humbled to receive this SPIE scholarship," said Bodera, "which will allow me to dedicate more time to developing tools that address real clinical challenges."

This month, the Society is awarding \$323,000 in scholarships to 74 outstanding SPIE Student Members, based on their potential contribution to optics and photonics, or a related discipline. Successful applicants were evaluated, selected, and approved by the SPIE Scholarship Committee, chaired by SPIE Senior Member **Brian Primeau**.

Since this program began in 1978, SPIE has distributed more than \$7.5 million dollars in individual scholarships. This ambitious effort reflects the Society's commitment to education as well as to the future generations of optical scientists and engineers around the world.

To view other 2025 scholarship press releases as they become available, please visit the [2025 Scholarship Recipients page](#) or learn more about [SPIE scholarships](#) on spie.org.

SPIE, the international society for optics and photonics, brings engineers, scientists, students, and business professionals together to advance light-based science and technology. The Society, founded in 1955, connects and engages with our global constituency through industry-leading conferences and exhibitions; publications of conference proceedings, books, and journals in the SPIE Digital Library; and career-building opportunities. Over the past five years, we have invested more than \$25 million in the international optics community through our advocacy and support, including scholarships, educational resources, travel grants, endowed gifts, and public-policy development. www.spie.org.

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