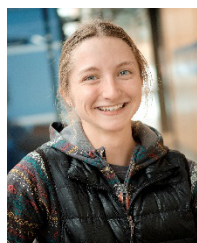




Press release  
5 June 2023

## Hamp awarded John Kiel Scholarship

BELLINGHAM, Washington, USA — **Shannon Hamp** has been awarded the 2023 John Kiel Scholarship by SPIE, the international society for optics and photonics, for potential contributions to the field of optics and optical engineering.



Hamp is an incoming graduate student in the Electrical and Computer Engineering Department at Montana State University (USA). She will continue working with Dr. Joseph A. Shaw in the Optical Remote Sensor Laboratory where she has been developing a low-cost imaging system to detect and monitor riverine algal blooms. Her technical interests lie in the development and use of optical remote-sensing systems for environmental applications. Her graduate studies will expand on her technical interest by focusing on airborne hyperspectral imaging techniques to calibrate measurements of snowpack to better inform water-runoff and climate models.

In 2023, the Society is awarding \$293,000 in education scholarships to 72 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 Senior Member Brian Primeau.

Since the program began, SPIE has distributed more than \$7 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 2023 scholarship press releases as they become available, please visit the [2023 Scholarship Winners page](#) or learn more about [SPIE scholarships](#) on [spie.org](http://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, SPIE has contributed more than \$22 million to the international optics community through our advocacy and support, including scholarships, educational resources, travel grants, endowed gifts, and public-policy development. [www.spie.org](http://www.spie.org).

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