



Press release  
24 May 2024

## Guzel R. Musina awarded the Teddi Laurin Scholarship

BELLINGHAM, Washington, USA — **Guzel R. Musina** has been awarded the 2024 Teddi Laurin Scholarship by SPIE, the international society for optics and photonics, and Photonics Media, for potential contributions to the field of optics and photonics.

Photonics Media partners with SPIE to raise awareness of optics and photonics, and to foster growth and success in the photonics industry by supporting students involved in photonics. This scholarship is in memory of Laurin Publishing and Photonics Media founder Teddi Laurin.



Musina is a cross-disciplinary researcher with broad expertise in optics, biophotonics, and computational biology. She is a second-year graduate student in the Biomedical Engineering Department at the University of Houston (USA), performing her PhD project under the supervision of **Professor Irina Larina** at Baylor College of Medicine. Musina's research is focused on developing a novel biophotonic method for cardiodynamic control with light. "Through innovative optical imaging, optogenetic control, and novel image processing methods in genetic mouse models, I aim to improve our understanding of congenital heart defects and potentially contribute to better management of these defects," said Musina.

This month, the Society is awarding \$303,000 in scholarships to 72 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 2024 scholarship press releases as they become available, please visit the [2024 Scholarship Recipients 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 \$24 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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