



Press release  
24 May 2024

## Haowen Zhou awarded an SPIE Optics and Photonics Scholarship

BELLINGHAM, Washington, USA — **Haowen Zhou** has been awarded a 2024 Optics and Photonics Scholarship by SPIE, the international society for optics and photonics, for potential contributions to optics, photonics, or a related field.



Zhou is a PhD candidate in the Department of Electrical Engineering at California Institute of Technology (United States). He works in the Biophotonics Laboratory, led by **Professor Changhui Yang**, focusing on computational microscopy. His research interests include imaging system development for biomedical applications, neural fields for microscopic image reconstruction, and deep learning integrated with microscope co-designs for digital pathology. He has authored 20 journal papers and conference proceedings. “I am devoted to pushing the

boundaries of imaging systems with hardware innovation and computational power, and I look forward to continuing my contributions to the optics and photonics community in my future career,” said Zhou.

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 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 \$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).

###

Media contact:  
Daneet Steffens, Public Relations Manager  
[daneets@spie.org](mailto:daneets@spie.org)  
[@SPIEtweets](https://twitter.com/SPIEtweets)