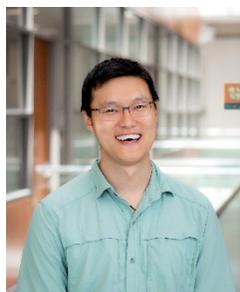




Press release

Liu awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – June 10, 2019 – **Richard (Dicky) Liu** has been awarded a 2019 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics, for his potential contributions to the field of optics, photonics or related field.



Liu is a graduate student from the University of Illinois at Urbana-Champaign (USA), where he is pursuing a PhD in Electrical Engineering. His research with Prof. Can Bayram investigates the growth of polarization-free cubic phase III-nitride-based photonic devices on silicon substrates. “These semiconductors have the potential to increase efficiency and brightness, reduce cost, and cover the full visible light spectrum for the next gen solid-state lighting and displays,” said Liu. He has published four first-author journal papers and holds a patent. He is also a NASA fellow (NSTRF), and concurrently works at NASA Goddard Space Flight Center.

The Society awarded \$298,000 in education scholarships to 84 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 Jeremy Bos.

Through 2018, SPIE has distributed \$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 2019 press releases as they become available go to the [2019 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 257,000 constituents from 173 countries, offering conferences and their published proceedings, continuing education, books, journals, and the SPIE Digital Library. In 2018, SPIE provided more than \$4 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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