



Press release

González-Acuña awarded SPIE Optical Design and Engineering Scholarship

BELLINGHAM, Washington, USA – June 3, 2019 – **Rafael G. González-Acuña** has been awarded the 2019 Optical Design and Engineering Scholarship by SPIE, the international society for optics and photonics, for their potential contributions to the field of optics, photonics or related field.



González-Acuña is a PhD student in the School of Engineering and Sciences at Tecnológico de Monterrey (México). In 2018 he obtained the analytic close form solution to the problem of designing a lens free of spherical aberration, documented in his paper titled, *General formula for bi-aspheric singlet lens design free of spherical aberration* (co-authored by Héctor A. Chaparro-Romo). González-Acuña did not just find the general solution, but also found that it is unique and extended it to freeform singlets.

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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