

Welcome to **Optica/SPIE** Student Chapter!

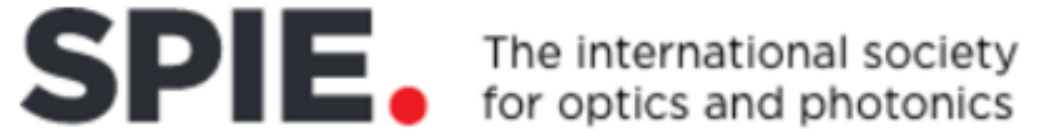


*Haiqiu Yang
President*

Who we are



the Optical Society of America



*the Society of Photographic
Instrumentation Engineers*



Optica/SPIE Student Chapter

Student community for club activities and study group

- *related to optics and photonics field*
- *in the worldwide universities*
- *under the support of Optica and SPIE*

Who we are

Officially registered on
Optica & SPIE website



Boston University	Email this OSA Chapter	Photonics Center at Boston University	Boston, MA, UNITED STATES
Harvard SEAS Photonics	Email this OSA Chapter	Harvard University	Cambridge, MA, UNITED STATES
Massachusetts Institute of Technology	Email this OSA Chapter	Massachusetts Institute of Technology	Cambridge, MA, UNITED STATES
Columbia University Student Chapter	Email this OSA Chapter	Columbia University	New York, NY, UNITED STATES
Cornell University OSA Student Chapter	Email this OSA Chapter	Cornell University	Ithaca, NY, UNITED STATES



Join us!
then find your name & role
on the website (^_<)~



Student Chapter	Role
Columbia University Student Chapter	President
Columbia University Student Chapter	Vice President
Columbia University Student Chapter	Chapter Member

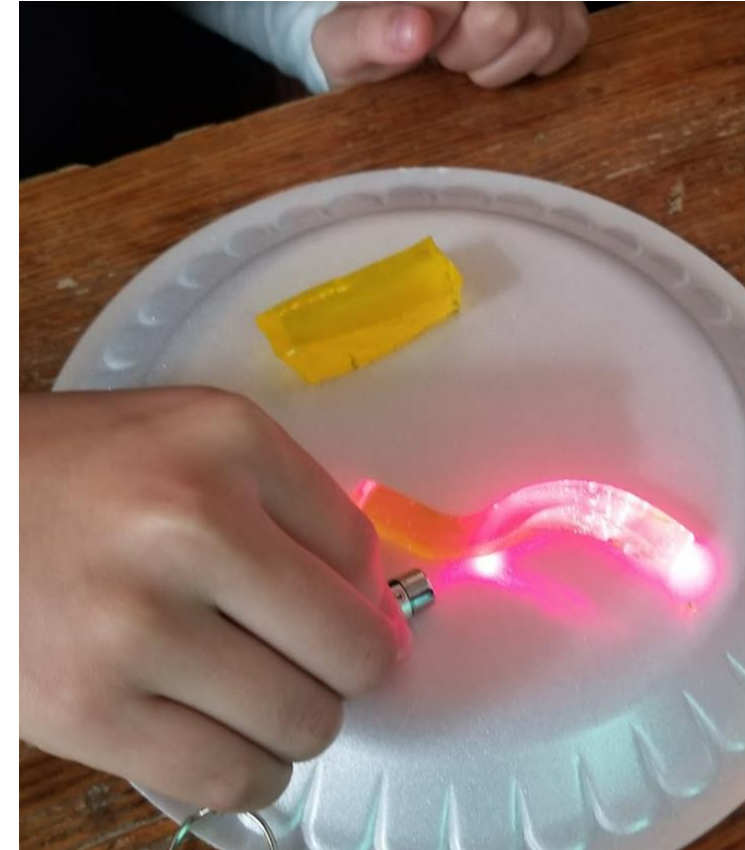
What we do

★ Play with lights! ---- **Maker Faire NYC**



What we do

★ Gain volunteer experience! ---- **Girl's Science Day** (mid-November)



What we do

★ Get professional! ---- **Guest Talk & Lab Tour** (1-2 times each year)



OSA The Optical Society | **Columbia Student Chapter** | **SPIE. STUDENT CHAPTER** COLUMBIA UNIVERSITY | **COLUMBIA ENGINEERING** The Fu Foundation School of Engineering and Applied Science

Plastic Injection Molded Optics in Consumer Products

Brian Cranton
Optical Engineer, Google Canada

Location: Online via Zoom link below
Date: Apr. 2, 2021
Time: 2:30pm - 3:30pm EDT



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Challenges & Opportunities in AR/VR Optics & Displays

Lu Lu, PhD
Liquid Crystals and Polarization Optics Division
Research Manager @ Facebook Reality Labs

Location: Online via Zoom link below
Date: Oct. 9, 2020
Time: 2:30pm - 3:15pm EST



What we do

★ Our new-launched event! ---- **Industry Visit** (late-October)

For this year...

NOKIA Bell Labs

We weave together networks to create integrated systems



... More to explore in the future

ASML

Wilton, Connecticut

Our largest R&D and manufacturing site in the US, with expertise in mechatronics, alignment and sensor technology, and world-class optical fabrication

Johnson & Johnson

The Quest to Make Neurodegenerative Disease a Thing of the Past

[Read the Story](#)

What you can get

- ★ Fun with us! ---- not only for optics!
- ★ Leadership Experiences! ---- to organize activities
- ★ Career Opportunities! ---- from Guests & Engineers
- ★ Multiple Optica/SPIE scholarships!



SPIE Scholarship Program



Named SPIE Scholarships

The SPIE scholarship program also includes awards named in honor of individuals or programs. They are:

D.J. Lovell Scholarship (\$11,000 annually)
The D.J. Lovell Scholarship is the Society's largest and most prestigious scholarship. This scholarship is sponsored by SPIE.

John Kiel Scholarship (\$10,000 annually)
This scholarship is in honor of SPIE founding member John Kiel, in recognition of his long-standing and significant contributions to the Society. This scholarship is sponsored by SPIE and is awarded for student's potential for long-term contribution to the field of optics and optical engineering.

Laser Technology, Engineering, and Applications Scholarship (\$5,000 annually)
The Laser Technology, Engineering, and Applications Scholarship is awarded in recognition of a student's scholarly achievement in laser technology, engineering, or applications. Funds are provided in part by a gift from the former Forum for Military Applications of Directed Energy, and in part by SPIE.

Optical Design and Engineering Scholarship (\$5,000 annually)
The Optical Design and Engineering Scholarship was established in honor of Bill Price and Warren Smith, both well-respected members of SPIE's technical community. This scholarship is awarded to a full-time undergraduate or graduate student in the field of optical design and engineering.

BACUS Scholarship (\$5,000 annually)
The BACUS Scholarship is awarded to a full-time undergraduate or graduate student in the field of microlithography with an emphasis on optical tooling and/or semiconductor manufacturing technologies. This scholarship is sponsored by BACUS, the International Technical Group of SPIE dedicated to the advancement of photomask technology.

Teddi Laurin Scholarship (\$5,000 annually)
Photonics Media is partnering with SPIE to fund the Teddi Laurin Scholarship to raise awareness of optics and photonics and to foster growth and success in the photonics industry by supporting students involved in photonics. This new scholarship is in memory of Laurin Publishing and Photonics Media founder Teddi Laurin.

OSA
Foundation

SCHOLARSHIPS

Thanks to the generosity of our donors and partners, we are able to award over US every year.

Our scholarships allow students in the optics and photonics community to continue their education, gain new experiences. The four available scholarships include the Paul Anthony Bonenfant Memorial Scholarship, the Women in Optical Communications Memorial Scholarship, and the Boris P. Stoicheff Memorial Scholarship.

Available Scholarships:

- Paul Anthony Bonenfant Memorial Scholarship
- Corning Women in Optical Communications Scholarship
- Harvey M. Pollicove Memorial Scholarship
- Boris P. Stoicheff Memorial Scholarship

Welcome to **Optica/SPIE Student Chapter!**



★ Join us
in 2 ways

Register here today

Receive follow-up instructions

Find us on Optica/SPIE website

Email us your application