

# Optics and Photonics Apprenticeship Program

The Huntsville Electro-Optical Society (HEOS) is offering \$1400 scholarships for invited students to participate in an 8-9 week summer program in science and engineering. The purpose of this scholarship program is to invigorate and accelerate young students in pursuit and development of a career in science or engineering through an apprenticeship program concentrating in optics related fields. The students will apprentice with a local Huntsville private company, university, or government agency in a real laboratory environment. A mentor will be assigned to each student. At the conclusion of the apprenticeship program, the students will create and deliver presentations to their peers and mentors, developing public speaking, technical presentation, and communication skills. The students and mentors experience in the apprenticeship program will be used to improve the program and increase the impact and effectiveness in promoting interest and careers in science and engineering.

Applicants must be between the ages of 16-21. Applicants will be evaluated from their application and relevant references, so it is important to express an interest in optics and demonstrate the suitable maturity for working in a laboratory environment. Relevant references are encouraged. Return completed forms to: [cantey@HEOS.org](mailto:cantey@HEOS.org) or mail to:

Tommy Cantey  
Huntsville Electro-Optical Society  
4440 Evangel Circle NW  
Huntsville, AL 35816

## OPAP Goals:

1. Provide opportunities for talented students to work in a real-world laboratory environment.
2. Develop professional experience and laboratory practices and methods.
3. Introduce optical science and engineering as a possible career path.
4. Establish early employment opportunities for inspiring young students.
5. Encourage schools and universities to create a well-educated work force.

## Application Form (Due by May 24, 2024)

Name:

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Address:

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City:

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State:

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Zip:

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School:

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Grade:

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Graduation Date:

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GPA:

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Email:

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Phone:

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Citizenship:

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## Supplemental Application Information (use separate sheets if necessary)

- 1) List of science and engineering activities you have experienced (formal and informal).
- 2) Discuss major academic and career interests.
- 3) Describe why you would like to participate in the OPAP.
- 4) Attach relevant letters of reference.