



MASSACHUSETTS  
GENERAL HOSPITAL



# Harvard-MIT Summer Institute at MGH

## NSF REU site for undergraduate research in *Biomedical Optics*

**About the Summer Institute:** Established in 2002; students from all over the world come together for 10 weeks over the summer to engage in cutting-edge projects at the Wellman Center for Photomedicine at MGH under mentorship of Harvard faculty members.

**NSF-REU Program:** Eight undergraduates from all disciplines are accepted each year. A dozen labs offer multidisciplinary projects broadly focused on the development and applications of light-based techniques for imaging, diagnosis and therapies, as well as discovery of new bio-inspired engineering principles.

Underrepresented minority students and students from institutions with limited STEM research opportunities are encouraged to apply.



Students and mentors

### Benefits:

- \$5,000 stipend
- Dormitory housing (10 weeks)
- Travel support up to \$400
- Opportunity to present at NSF conference
- Mentor-mentee relationship

### Activities:

- Full-time hands-on research
- Twice-a-week lectures
- Seminars
- Proposal writing
- Social events and group outings
- Poster presentation in the final week (best presentation awards)
- Interaction with international students from Japan, Korea, Australia, etc.

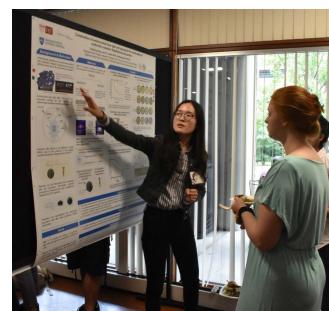
### Projects on Biomedical Optics



### Social Events



### Poster Presentation and Award Ceremony



### Additional Information and Application Instructions:

- Program dates: Week of June 6, 2022 - Aug 12, 2022
- Application deadline: Feb 18, 2022
- Website: [http://www.intelon.org/index\\_files/Education.htm](http://www.intelon.org/index_files/Education.htm)
- Email: [BioOpticsSummerInstitute@mgh.harvard.edu](mailto:BioOpticsSummerInstitute@mgh.harvard.edu)