



2022 SUMMER ACADEMY PROGRAM



We are pleased to announce the 2022 Summer Academy Program for undergraduate students studying biology, biomedical engineering, all pre-med and related fields. The program is open to medical students as well. This is an internship program to provide a diverse group of highly talented students to experience cutting edge research in an inclusive environment.

At the CEMS, research and education are tightly interwoven. Young physician- scientists and engineers who wish to devote their careers to developing innovative diagnostic and therapeutic approaches in educational fields are invited to apply. This is a great opportunity to conduct research at the CEMS under the direct supervision of our outstanding faculty.

Program is designed to provide highly talented students a chance to perform application oriented, cutting edge research while increasing their competitiveness for future education. Every intern is assigned to a post-doctoral fellow within the institute for supervision. Interns will also be expected to attend meetings and present their results at the end of internship. Opportunity to interact with other interns and scientists are available in research seminars, weekly meetings and scientific development workshops. Weekly journal club meetings will be conducted, where interns can prepare their talk on paper/topic of their interest under the supervision of fellows and give their presentations.

The CEMS focuses on a variety of research subjects including:

- Biopreservation and transplantation
- Organ-on-a-chip technologies
- Tissue engineering and stem cells
- Circulating rare cell capture technologies and cancer
- Global health
- Neuroscience

To apply, fill out the form by following this [link](#) by **February 18, 2021**.

Notes:

- Some experience in laboratory techniques (Wet/ Dry Biology) is preferred but not required.
- At least 30 h per week for ≥10 weeks commitment is required.
- Applicants will be selected based on academic achievement and availability.
- If selected, applicants should be prepared for in person interviews during which prospective mentors meet with selected candidates, typically taking a half-day. Two recommendation letters are needed when the candidate is selected for in person interviews.
- Note that the positions are not funded but limited funding may be available.

We are continuously monitoring the circumstances around COVID-19 pandemic. As of now, we are accepting applications for 2022, but should the circumstances change, the program may be canceled or postponed following hospital, state and federal guidelines.