

Co-op Positions at the Laboratory for Innovations in Microengineering (LiME)

The Laboratory for Innovations in Microengineering (LiME) at the Department of Mechanical Engineering of the University of Victoria has few co-op positions available for January 2018 or later. The successful candidates will be involved in our ongoing projects in the areas of tissue engineering, drug delivery, wound healing, microfluidics, and bioprinting. Students who are interested in performing cutting-edge research in those areas are highly encouraged to contact Dr. Akbari (makbari@uvic.ca) with “LiME-Coop” in the subject line. **Emails with other subject lines will not be considered.**

The ideal candidates are expected to be undergraduate students in chemistry, electrical engineering, biology, and microbiology. The following qualifications are highly desired for this position:

- Excellent web search skills
- Excellent teamwork and communication skills
- Previous experience in wet labs is a plus
- Previous experience with cell culture is a plus
- Familiarity with 3D printing
- Experience in working with SolidWorks
- Excellent academic writing skills

Interested candidates are encouraged to send the following materials in a single PDF directly to Dr. Mohsen Akbari: A C.V., transcripts, and names and contact information of at least two references. The review of applications will begin immediately and will continue until the positions are filled. Those who considered for interviews will be contacted directly.

Research at LiME lies at the interface of cellular biology, biomaterials, and microtechnologies. Three key research areas at Dr. Akbari's lab are:

- biofabrication of engineered tissue substitutes for regenerative medicine,
- development of biomimetic tissue models using microengineering techniques for disease modeling and drug discovery, and
- development of advanced drug-delivery systems for therapeutic applications.

Our lab provides an active learning and highly collaborative and interactive environment for students to gain hands-on experiences in design and development of microscale platforms, tissue engineering, polymer synthesis and cancer research. Our mission is to establish a unique and interdisciplinary research and educational program that can have a significant impact on the quality of human life. More information about LiME can be found at <http://www.lime-makbari.com>.