Name of project supervisor: Lidan You

Email of project supervisor: youlidan@mie.utoronto.ca

Name of project: Dynamic flow delivery in microfluidic system.

Currently we have developed a microfluidic platform for bone cell mechaobiology study. However, the flow rate and flow frequency is not well controlled. Student worked on this project is expected to improve the design of the system to allow wider range of loading frequency and higher accurate control on flow rate.