

## Project/Graduate research position in piezoelectric actuation of cells

### PROJECT PROPOSAL

Design and assemble a piezo electric actuating system, capable of applying small loads in tension, compression or bending. The system will be utilized to study biological cells' response to mechanical stress.

### REQUIRED PROFILE

Engineering or Physics student with interest in experimental work, with good proficiency in design and basic electronics/control, programing proficiency and, above all, a high motivation to learn new related subjects.

### PROJECT EXTENSION

While the project duration is planned to last 1 year of undergraduate studies, extension to a graduate degree is considerable and willingness to apply for Graduate School is a plus.

### LOCATION AND CONTACT

[Dynamic Fracture Laboratory](#), Faculty of Mechanical Engineering, Technion.

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