

AMNL accepts strong undergraduate students from Engineering Science, Mechanical Engineering, Electrical and Computer Engineering, Computer Science, and Biomedical Engineering.

1. Topic: Robotic needle insertion for robotic surgery

Number of Students:2 (CS/ECE/EngSci/MIE)

2. Topic: Robotic guidewire control

Number of Students:2 (ECE/EngSci/CS/MIE)

3. **Topic:** Machine learning of cell images

Number of Students:2 (CS/ECE/EngSci/MIE)

4. Topic: <u>Circuit development for robotic control</u>
Number of Students: 2 (ECE/EngSci/MIE)

5. Topic: Mechatronic instrumentation for lab automation

Number of Students: 2 (MIE/ECE/EngSci)

Contact: Prof. Yu Sun

Tel: 416-946-0549

Email: yu.sun@utoronto.ca

Prof. Sun is on the faculty of the following departments or institutes:

- Mechanical and Industrial Engineering
- Institute of Biomedical Engineering
- Electrical and Computer Engineering
- Computer Science
- UofT Robotics Institutes
- Vector Institute