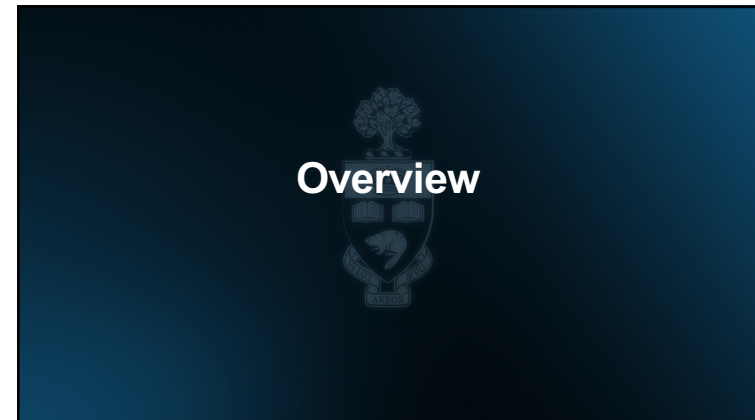
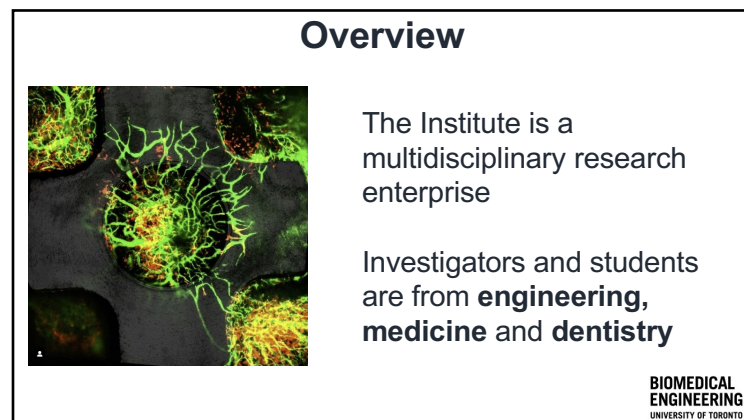




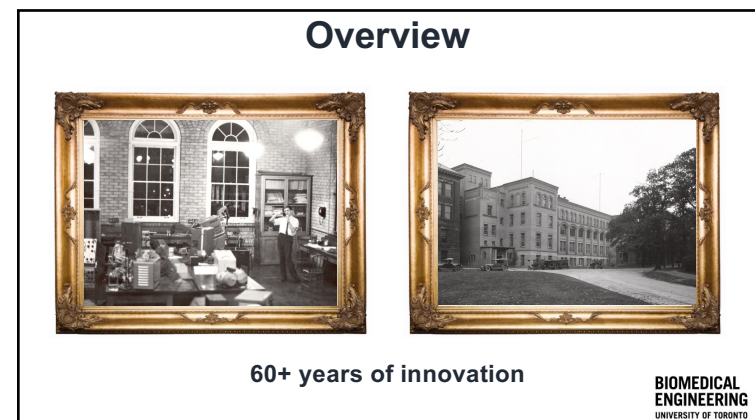
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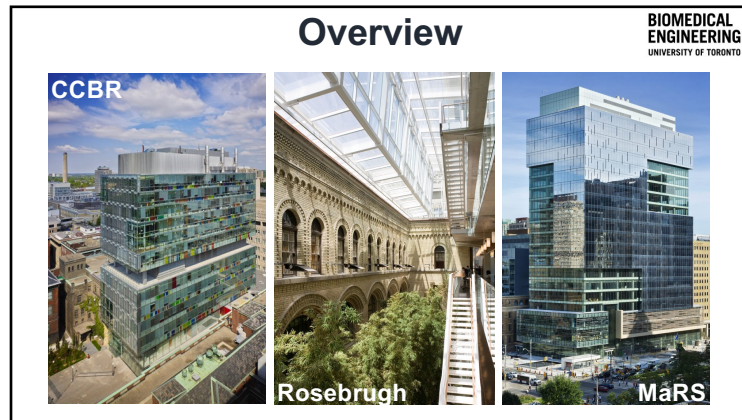
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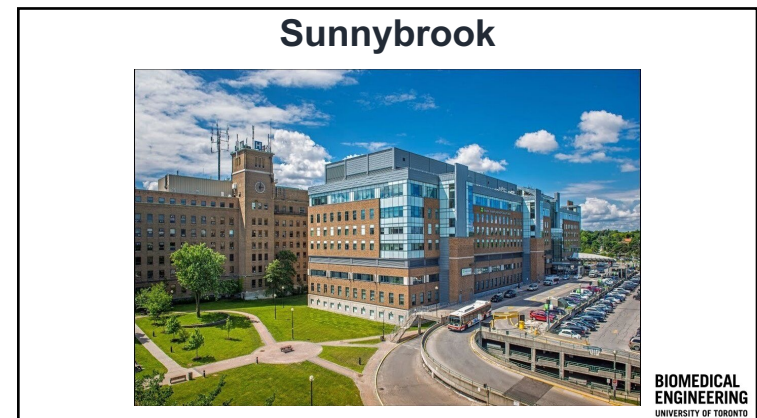
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SickKids



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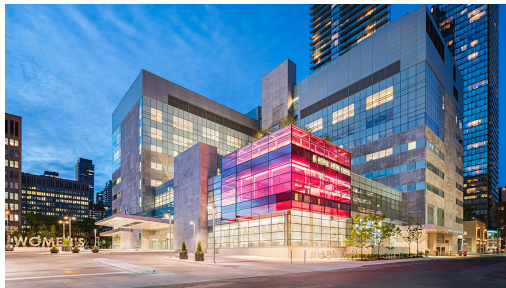
Holland Bloorview



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Women's College Hospital



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Mount Sinai Hospital

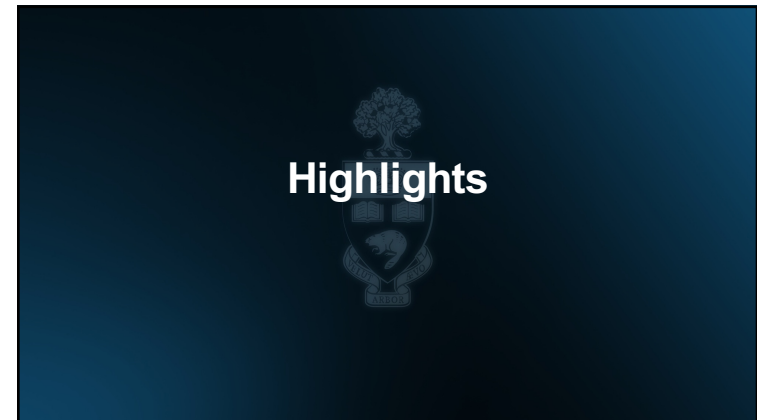


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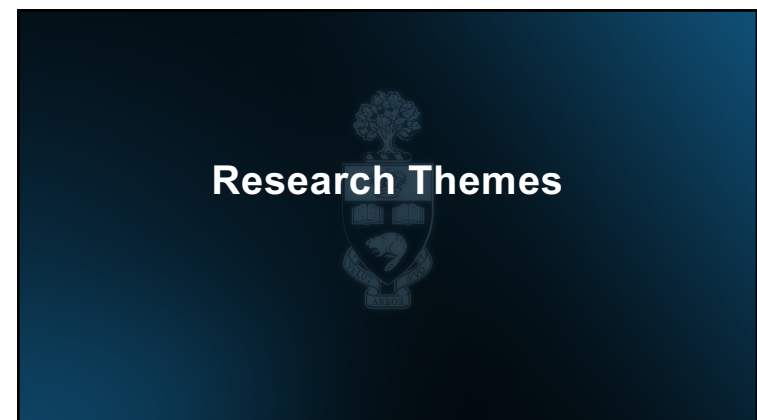


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Highlights		
Tri-Faculty Unit	~390 Students	100+ Professors
Engineering Medicine Dentistry	MASc, MEng, PhD	
\$6M Fellowships	\$12M Funding	3 Research Themes
2019-2020	2019-2020	

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Research Themes

Molecular Engineering

- Nanotechnology, molecular imaging and systems biology

Cell and Tissue Engineering

- Biomaterials, tissue engineering and regenerative medicine

Clinical Engineering

- Neural, sensory systems and rehabilitation

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Molecular Engineering



Prof. Warren Chan

Shape-shifting nanoparticles for delivering cancer drugs to tumours



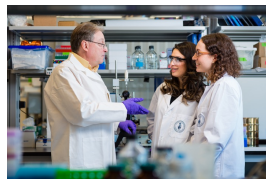
Prof. Margaret Cheng

Smarter scans for earlier cancer detection and human tissue repair

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Cell and Tissue Engineering



Prof. Paul Santerre

ReFilx: a soft tissue filler for the reconstruction of breast tissue defects (2017 UofT Connaught Innovation Award)



Prof. Milica Radisic

'Person-on-a-chip': lab-grown heart and liver tissue for drug testing (*Nature Materials*, March 2016)

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Clinical Engineering



Prof. Jan Andrysek

All-Terain Knee (AT-Knee): enabling cost-effective mobility for those with physical disabilities



Prof. Luka Milosevic

Deep brain stimulation and closed loop control of the neuroimplants

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Graduate Programs

Research Programs

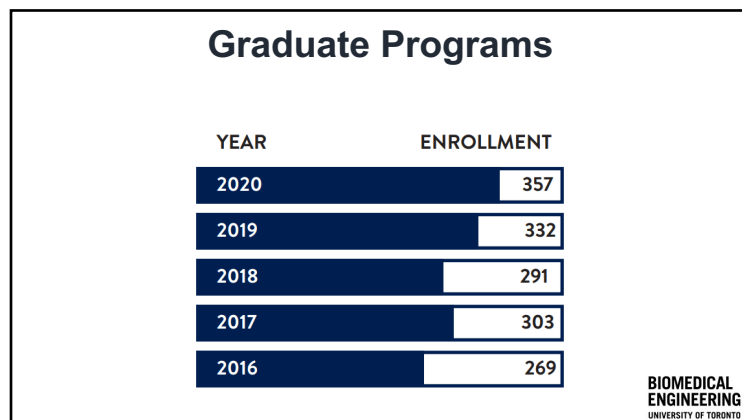
- **Master of Applied Science (MAsc)**, Biomedical Engineering
- **Doctor of Philosophy (PhD)**, Biomedical Engineering

Professional Programs

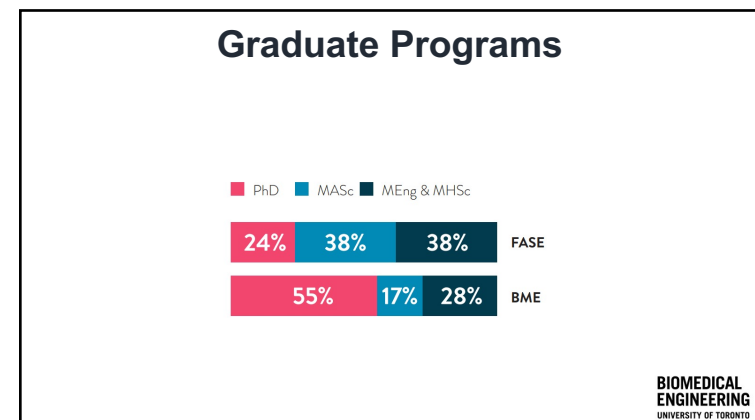
- **Master of Engineering (MEng)**, Biomedical Engineering — *biomedical devices focus*
- **MD / MEng (MD + MEng) - pilot**

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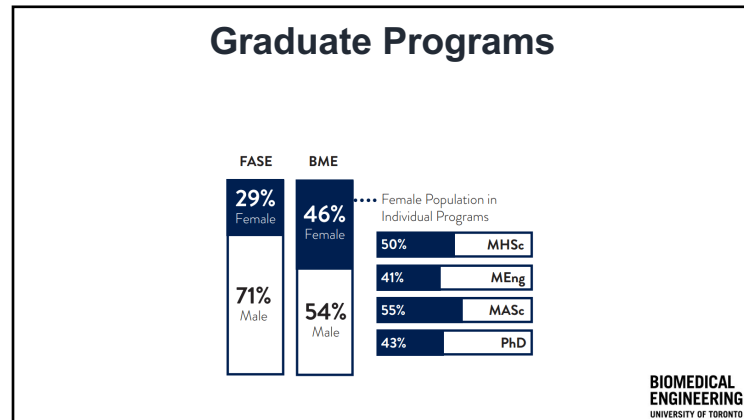
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Associate Directors



Hai-Ling Margaret Cheng
Associate Director
Research Programs



Paul Yoo
Associate Director
Professional Programs

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Associate Directors



Penney Gilbert
Associate Director
Community & Inclusion



Craig Simmons
Associate Director
Scientific Research

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