

# UTM MAJOR CAPITAL PROJECTS: Status Report

UTM Campus Affairs Committee  
May 2, 2019

A decorative graphic consisting of a thick teal horizontal bar at the top, followed by a white bar, and then several thin horizontal lines in teal and white extending across the right side of the slide.

# Major Capital Projects

- **Level 2 ( \$5-20 Million)**
  - **Greenhouse Gas Reduction Program (GGRP)**
- **Level 3 ( \$20+ Million)**
  - **New North**
  - **Davis Building**
  - **Science Building**



# LEVEL 2 PROJECTS

# GGRP- Greenhouse Gas Reduction Program

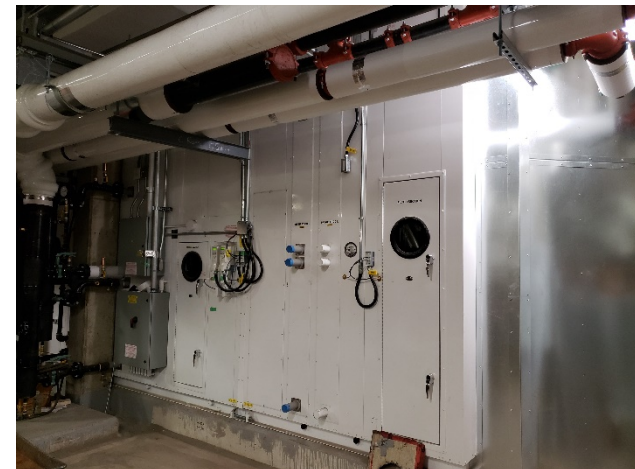
## Project status:

- ❑ Governing Council Approval - Dec 14, 2017
- ❑ Completion by March 31<sup>st</sup>, 2019
- ❑ Ambitious 15month construction window

## Project categories:

### HVAC retrofits

- ❑ CUP Boilers upgrade *(complete)*
- ❑ Davis BC Block HVAC replacement *(complete)*
- ❑ Kaneff HVAC replacement *(completion by May)*
- ❑ RAWC HVAC and Boiler replacement *(completion by June)*
- ❑ CCT HVAC optimization *(complete)*



# GGRP - Greenhouse Gas Reduction Program

## Project categories:

### Renewable energy & engagement

- ❑ RAWC Solar System *(completion by June)*
- ❑ P8 Parking Lot EV Chargers *(complete)*
- ❑ Real-time energy dashboards *(complete)*

### Lighting upgrades

- ❑ Davis lighting retrofit *(complete)*



# LEVEL 3 PROJECTS



# NEW NORTH

## Project status:

- ❑ Design-build: Stuart Olson/Perkins Will
- ❑ 10,250 NASM (220,600 gross square feet)
- ❑ On budget
- ❑ LEED Gold Candidate
- ❑ Full occupancy & Substantial completion
- ❑ Work on deficiencies and landscaping in progress

# NEW NORTH

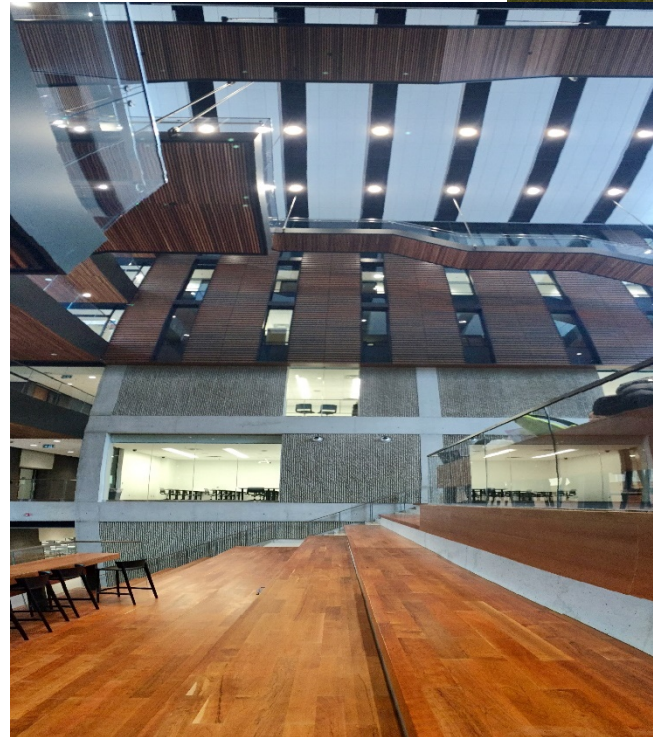
- ❑ All six academic departments have moved in
  - ❑ Political Science
  - ❑ Sociology
  - ❑ English & Drama
  - ❑ Philosophy
  - ❑ Language Studies
  - ❑ Historical Studies
- ❑ RGASC relocated from the HMALC
- ❑ Facilities Management & Planning
- ❑ All classrooms are operational
- ❑ Over 500 Study Spaces opened
- ❑ Special Event Space



# NORTH BUILDING PHASE 2

All six academic departments have moved in

- ❑ Political Science
- ❑ Sociology
- ❑ English & Drama
- ❑ Philosophy
- ❑ Language Studies
- ❑ Historical Studies

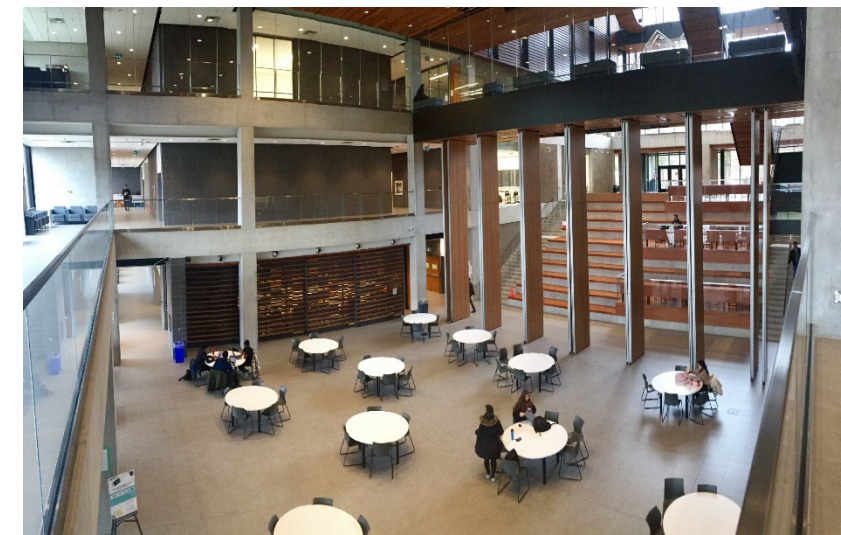




RGASC relocated from the HMALC



Classrooms Operational



Special Event Space Operational



New study spaces - over 500 seats

# MEETING PLACE

## Project status:

- ❑ Governance Approval - Oct 26, 2017
- ❑ Design Architect - Moriyama/Teshima
- ❑ General Contractor - Aquicon
  
- ❑ Construction - In progress
- ❑ Main seating area (old meeting place)  
- Operational
- ❑ Food Preparation - June 2019
- ❑ Full Occupancy - Fall 2019





Governance Approval - Oct 26, 2017



Main Seating Area (old Meeting Place) - Operational



Food Servery - June 2019



# SCIENCE BUILDING





# SCIENCE BUILDING

## Project summary:

- ❑ One of the largest Capital Projects at UofT
- ❑ 15,500 gsm (166,600 gross square feet)
- ❑ Architect - Kieran Timberlake

## Building focus:

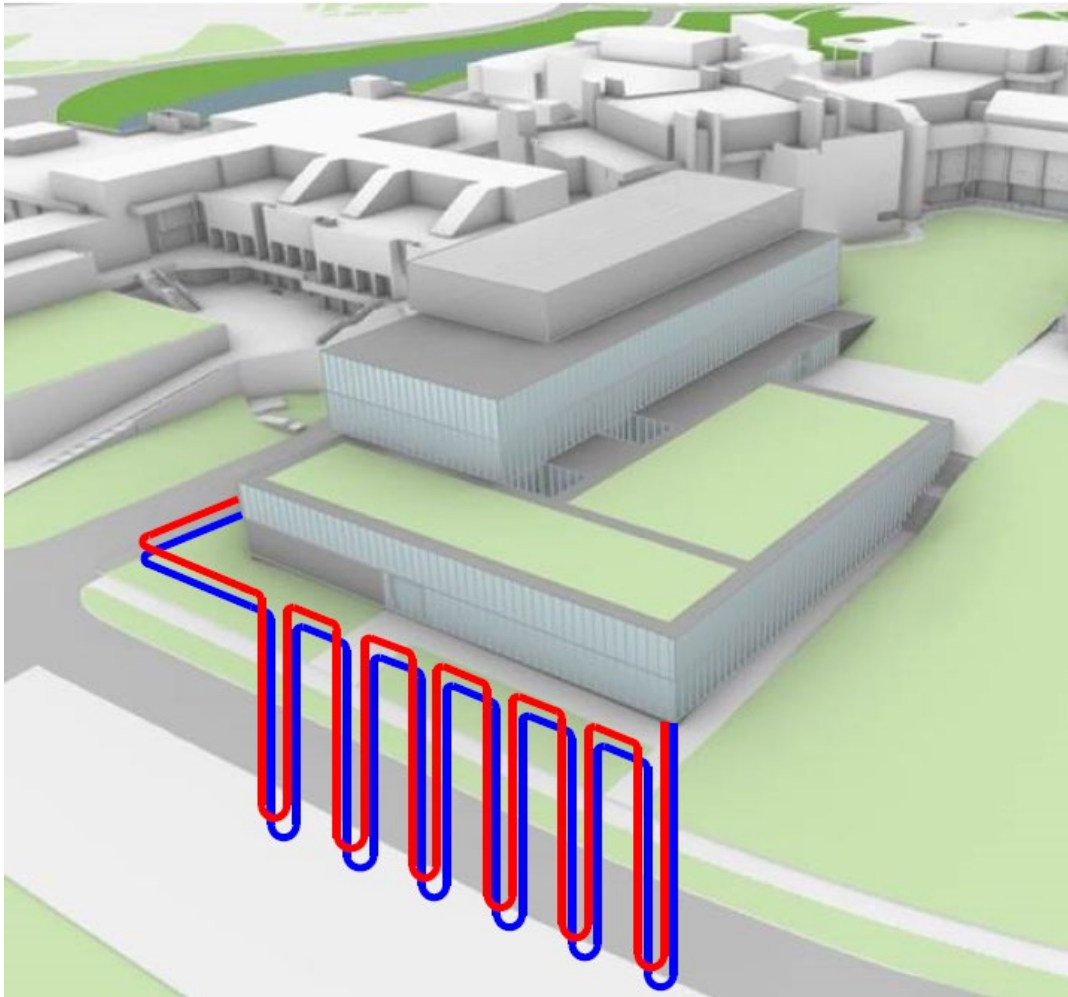
- ❑ Centre for Medicinal Chemistry
- ❑ UTM Wet Research laboratories
- ❑ Offices for CPS/BIO/Forensic Sciences
- ❑ Research Computing Data Centre
- ❑ Facilities Support Space

## Project status:

- ❑ Governance Approval - December 14, 2017
- ❑ Architect Award - March 2018
- ❑ Design Progress - Summer/Fall 2018 (in progress)
- ❑ Contract Document Preparation - Winter/Spring 2019 (in progress)
- ❑ SPA application submitted to the City - January 2019
- ❑ Construction Contract Award - late Fall 2019 (target)
- ❑ Occupancy Target - December 2021 (target)

# SCIENCE BUILDING

## Geothermal bore field underneath Science Building



### Sustainability Facts:

- NSB can achieve 65% reduction in energy intensity and 89% reduction in equivalent GHG emissions relative to ASHRAE 90.1 baseline
- Targeted **LEED Gold** certification
- Potential for **Zero Carbon Building Certification** from CaGBC

# SCIENCE BUILDING

