



UNIVERSITY OF  
**TORONTO**  
MISSISSAUGA

# CAC report on Capital Projects Level 1 (under \$5Million)

Report to CAC

March 29, 2018



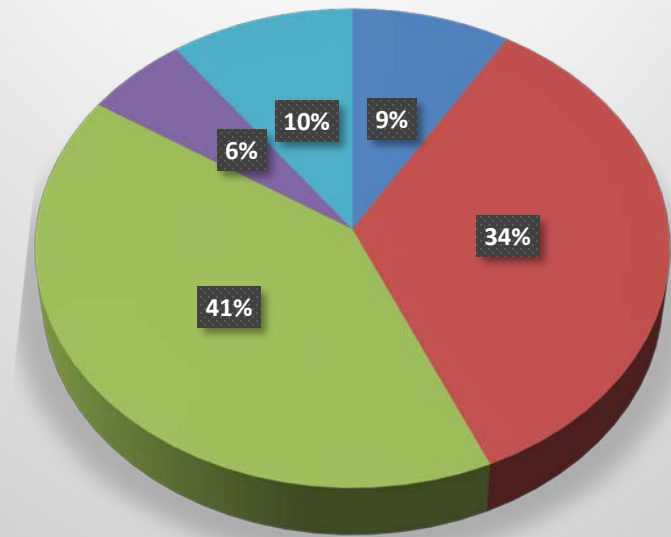
# Overview

## Project Value under \$5M

- ☐ SPMC & Other UTM
- ☐ SIF
- ☐ GGRP

This report includes projects approved or in progress in the past 12 months.

Project Type (based on cost)



■ Teaching ■ Research ■ Infrastructure ■ Residence ■ Support

Project Umbrella	Project Count
SIF	9
GGRP	15
SPMC & Other UTM	28
TOTAL	52

# SPMC Projects

## **Main SPMC Categories**

- ❑ UTM centrally funded projects
- ❑ Self funded renovations over \$50k
- ❑ New space allocations
- ❑ Use of public space

## **Annual SPMC Cycle**

- ❑ Call for Departmental Utilization Charts (December)
- ❑ Call for proposals (December)
- ❑ New space allocation (Spring)
- ❑ Majority of approvals (Spring)

# Classroom Renovations

Project Name	Approved TPC \$	Project Status
DV2080/2 Classrooms Reno	\$2,931,902	complete
KN137 Classroom Reno	\$2,993,029	complete

## Summer 2017

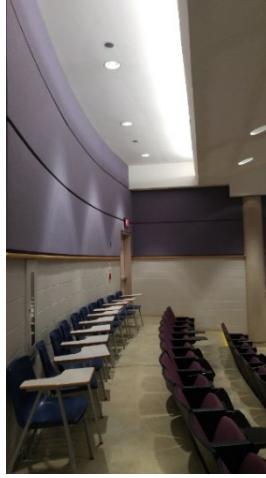
- ☐ Three large classrooms
- ☐ Full renovation
  - Furniture replacement (continuous seating)
  - Ceilings, flooring, acoustical panels
  - Modernization of IT and AV
  - HVAC retrofit

## Next steps

- ☐ CCT classroom update
- ☐ Furniture and technology upkeep in newer classrooms

# Auditorium Kaneff Building KN137

*before*



*after*





# Renovations Davis Building 2080 & 2082

*before*



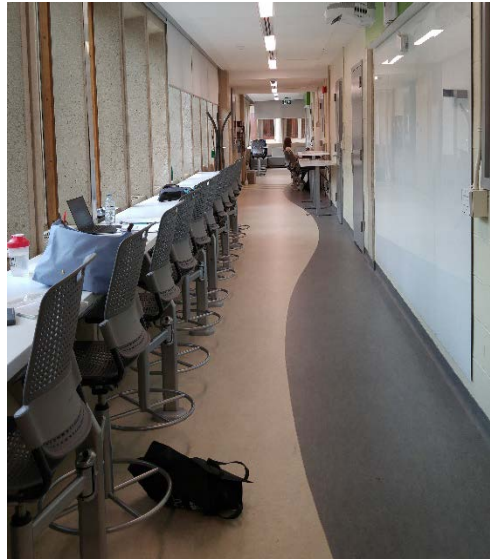
*after*



# Student Study Space

**GOAL: expand work and interaction space**

- ❑ 3<sup>rd</sup> floor completed
- ❑ 2<sup>nd</sup>, 4<sup>th</sup> and 5<sup>th</sup> scheduled for 2018
- ❑ Replace flooring
- ❑ Improve lighting
- ❑ Provide seating
- ❑ Update data
- ❑ Install lockers
- ❑ Add white boards



*after*



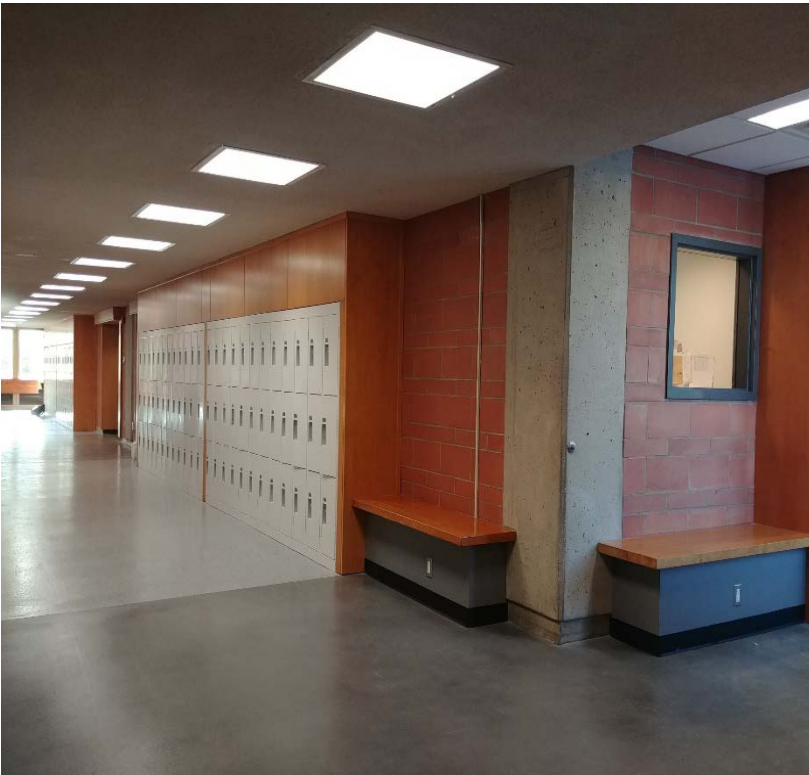
*before*





# Student Lockers

- ❑ W.G. Davis building 2<sup>nd</sup> & 3<sup>rd</sup> floor
- ❑ Response to Student Requests (funded by UTM operated by UTMSU)





# Renovations of Research Labs

Project Name	Approved TPC \$	Project Status
(SIF) 3rd Floor Medicinal & Molecular Lab Reno (4 Pls)	\$2,996,378	complete
(SIF) Davis 4026 Biology Lab	\$155,271	complete
(SIF) 1st Floor Biology & Fish Lab Reno (5 Pls)	\$3,358,317	complete
(SIF) Vivarium Surgery Room	\$69,374	complete
(SIF) Fly Kitchen	\$138,804	complete
(SIF) DV A Wing Fume Hood Renewal	\$6,964,927	complete
(SIF) DV A Wing HVAC Renewal	\$2,994,594	complete
(SIF) Back-up Power Remediation DV	\$3,503,083	complete
(SIF) Research Labo Retrofit Normal Power	\$2,873,356	complete
Bio Herbarium Storage	\$64,295	in progress
CCT 4th floor Res Lab Reno	\$199,261	complete
DV3020D CPS Computer Lab Refresh	\$49,398	complete
DV5023B CPS Computer Lab Refresh	\$45,092	complete

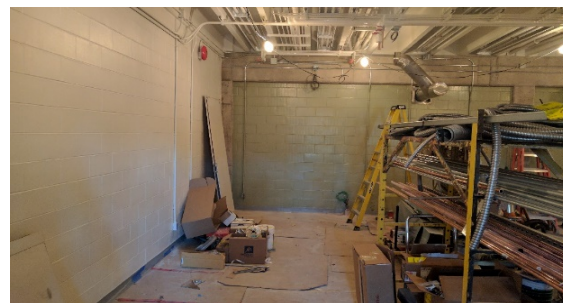
# (SIF) 3rd Floor Medicinal & Molecular Lab

- ❑ Completed in three phases (occupied floor)
- ❑ Designed for 4 Principal Investigators
  - Organic CHM complete and occupied
  - Two BIO complete and occupied
  - One BIO in progress (April completion)

*before*



*after*



# (SIF) 1st FLOOR BIOLOGY & FISH LAB

- ❑ Large laboratory over 460nasm
- ❑ Designed to support three functions
  - Specialized fish research facility
  - Molecular Biology – four new hires
  - Expansion of Cell Culture & Microscopy Suites

*before*



*after*



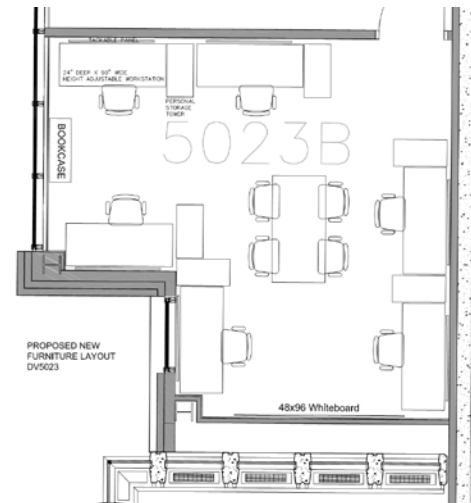
# Other Laboratories

## ANTHROPOLOGY

- ❑ Small changes make a lot of difference – lab for new hires

## CPS

- ❑ Furniture change to create theoretical/computing based lab





# Other spaces

Project Name	Approved TPC \$	Status of the Project
Blackwood Gallery Lighting	\$81,128	Complete
Faculty Club Retrofit	\$303,496	Complete
HMALC 3rd Floor Alterations	\$140,401	In progress
Subway Relocation	\$39,774	In progress

Project Name	Approved TPC \$	Status of the Project
CC3140 IT Office Reno	\$747,202	Complete
DV3208 & Dean's Office Expansion	\$48,396	Complete
HSC 304 Anthropology Office Modifications	\$45,384	Complete
IC1252/78 Registrar Office Modification	\$83,842	Complete
UTM Modular Buildings	\$4,600,000	In progress



# Infrastructure Projects

- ❑ Maintenance (scheduled or deferred)
- ❑ Fire Prevention Requirements
- ❑ Large scale residence improvements
- ❑ Asbestos abatement
- ❑ Projects in support IT



# SIF Laboratories & Lab Infrastructure

- ❑ Original submission \$17.1M
  - ❑ Grant amount 50%
  - ❑ 1 Year to implement
  - ❑ Status: 99% complete
- 
- ❑ SIF A Wing Fume Hood renewal
  - ❑ SIF Electrical Remediation
  - ❑ SIF DV A Wing HVAC
  - ❑ SIF Backup power
  - ❑ Research lab reno





# GGRP Greenhouse Gas Reduction Plan

## ❑ Program submission \$24M

- Single Year Innovation
- Multi Year Innovation
- Retrofit Grant
- Loan Fund
- UTM Operating

## Project examples:

- ❑ HVAC improvements (campus wide)
- ❑ Hot water (Student Center, DV, OPH)
- ❑ Solar parking (CCT garage)
- ❑ Window replacement (DV)

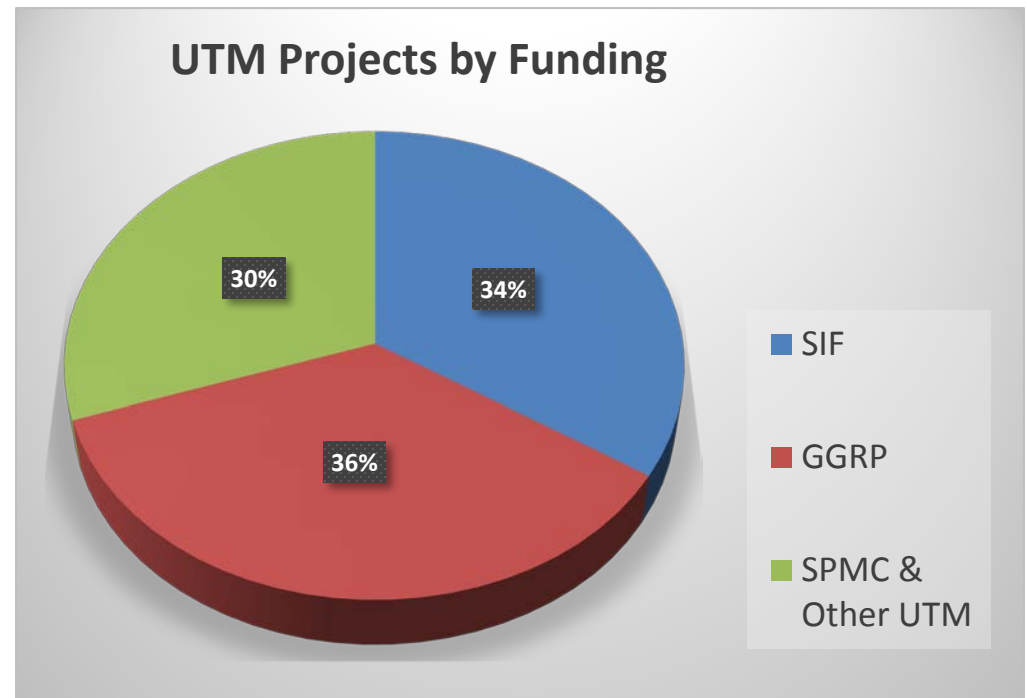




# Summary

## Project Value under \$5M

- ❑ SPMC & Other UTM
  - 2016/17 mostly done
  - 2017/18 awaiting approvals
- ❑ SIF - 99% complete
- ❑ GGRP - just started (feasibilities and design)



Note: government programs such as SIF and GGRP include significant portion of UTM funding.