



**FOR INFORMATION:**

**TO:** Planning and Budget Committee

**SPONSOR:** Elizabeth Sisam, Assistant Vice-President Campus and Facilities Planning

**CONTACT INFORMATION:** 416-978-5515; [avp.space@utoronto.ca](mailto:avp.space@utoronto.ca)

**DATE:** March 24<sup>th</sup> for April 1<sup>st</sup>, 2009

**AGENDA ITEM:** 7(b)

Project Planning Committee Terms of Reference for Chemistry Research and Instructional Laboratory Revitalization in the Lash Miller Building

**JURISDICTIONAL INFORMATION:**

Under the Policy on Capital Planning and Capital Projects, section 5.A. the membership and terms of reference of Project Committees shall be reported to the Planning and Budget Committee.

**BACKGROUND:**

This project will renovate existing laboratory space in the Lash Miller Chemical Laboratories to create a suite of laboratories in Materials and Catalytic Chemistry. These facilities are required to meet increased numbers of graduate students and postdoctoral fellows and accommodate these personnel and their research and will include a molecular imaging facility with clean room and related laboratories. This project is being submitted under the federal infrastructure program, identified as the St George Laboratory Revitalization for Physics and Chemistry.

Improvements will be made to upgrade and repair facilities including air handling, climate, and electrical systems in the Lash Miller building now over 45 years old. The renovations will be designed to create laboratories that respond to research initiatives in the 21<sup>st</sup> century.

**COMMITTEE MEMBERSHIP:**

Scott Mabury, Chair Department of Chemistry  
Mike Dymarski, Chief Technical/Administration Officer, Department of Chemistry  
Leo Min, Graduate Student, Department of Chemistry  
Alex Tevlin, Undergraduate Student, Department of Chemistry  
Adrienne de Francesco, Assistant Dean & Director of Infrastructure Planning, Faculty of Arts & Science  
Julian Binks, Manager, Capital Projects Planning, Real Estate Operations  
Bruce Dodds, Director of Utilities, Facilities and Services  
Tina Harvey-Kane, Planner, Campus and Facilities Planning

## **TERMS OF REFERENCE:**

1. Make recommendations for a detailed space program and functional layout for the suite of facilities and related support in the Lash Miller Building addressing the research requirements of Materials and Catalytic Chemistry.
2. Demonstrate that the proposed space program will be consistent with the Council of Ontario Universities' and the University's own space standards.
3. Identify items of deferred maintenance that should be addressed concurrently with this renovation.
4. Identify all secondary effects, including space reallocations from the existing site, impact on the delivery of academic programs during construction and the possible required relocation it required to implement the plan of existing units.
5. Identify equipment and moveable furnishings necessary to the project and their estimated cost.
6. Identify all data, networking and communication requirements and their related costs.
7. Identify all security, occupational health and safety and accessibility requirements and their related costs.
8. Determine a total project cost estimate (TPC) for the capital project including costs of implementation in phases if required, and also identifying all resource costs to the University.
9. Identify all sources of funding for capital and operating costs.
10. Complete report by May, 2009.