

**UNIVERSITY OF TORONTO MISSISSAUGA CAMPUS COUNCIL
REPORT NUMBER 22 OF THE CAMPUS AFFAIRS COMMITTEE**

MARCH 20, 2017

To the Campus Council,
University of Toronto Mississauga

Your Committee reports that it held a meeting on March 20, 2017 at 4:10 p.m. in the Council Chambers, William G. Davis Building, at which the following were present:

Professor Joseph Leydon, Chair
Professor Ulrich Krull, Interim Vice-
President & Principal
Ms Megan Alekson
Ms Nour Alideeb
Professor Lee Bailey
Mr. Arthur Birkenbergs
Professor Elspeth Brown
Professor Amrita Daniere, Vice-Principal
Academic and Dean
Mr. Dario Di Censo
Dr. Giovanni Facciponte
Professor Hugh Gunz
Ms Pam King
Mr. Nykolaj Kuryluk
Mr. Andy Semine
Ms Amber Shoebidge
Professor Jumi Shin
Professor Steven Short
Professor Gerhard Trippen
Mr. Nate Van Beilen
Professor Anthony Wensley

Non-Voting Assessors:

Ms Christine Capewell, Director, Business
Services
Mr. Dale Mullings, Assistant Dean, Students
& International Initiatives

Regrets:

Ms Sharmeen Abedi
Ms Teresa Bai
Mr. Paul Donoghue, Chief Administrative
Officer
Mr. Tarique Khan
Mr. Mark Overton, Dean of Student Affairs
Professor Judith Poë
Ms Sue Prior
Professor Chester Scoville
Ms Raqshanda Khan
Mr. Mohamed Mohamud

In Attendance:

Mr. Sam Dumcum, I-Cube Program Coordinator, IMI
Ms Stepanka Elias, Director, Operations, Design & Construction
Ms Sally Garner, Executive Director, Planning and Budget Office
Ms Donna Heslin, Director, Graduate Programs and External Relations, Management
Professor Scott Mabury, Vice-President, University Operations

Secretariat:

Ms Cindy Ferencz Hammond, Director of Governance, Assistant Secretary of the Governing Council
Ms Mariam Ali, Governance Coordinator, UTM

1. Chair's Remarks

The Chair welcomed members to the meeting.

2. UTM Campus Operating Budget - Allocation of Funds

The Chair invited Professor Scott Mabury, Vice-President, University Operations and Ms Sally Garner, Executive Director, Planning and Budget to present the item. In providing context for the Budget Report 2016-2017, the following themes and their key points were highlighted¹:

Budget Context:

- Strategic Mandate Agreements (SMA), has been evolving. SMA1 (2014-2017) focused on graduate spaces, U of T's distinct role and the conversion of teacher education into a Master's program;
- SMA2 (2017 – 2020) negotiations were ongoing with the Ministry of Advanced Education and Skills Development (MAESD) and were focused on a funding formula redesign. This design would be revenue neutral, and should normalize over time;
- The total 2017-18 Operating Budget would be \$2.47 billion, which encompassed \$308 million at UTM;
- Costs had risen faster than steady state revenues, however Professor Mabury noted that the weighted average increase in expenses has been decreasing in the last several years from approximately 5%, to 3.3%, driven primarily by changes in compensation agreements.

Students & Teaching:

- Ontario was experiencing a period of decline in the 18-20 year-old population, which primarily affected the enrolment of Northern Ontario universities.
- Undergraduate enrolment results for 2016-17 were in line with planned targets and entering averages have increased across divisions;
- The division of international students by geographic region was being carefully monitored, with an increased effort towards diversification of recruitment, in the United States and elsewhere;
- Divisions have planned to increase graduate spaces by 1000 over the next 5 years, and the current budget assumed 335 additional funded spaces arising from the SMA2 discussion. The Province had recently indicated that graduate allocations available to all Canadian universities that were not claimed by 2016-17 would be clawed back to be considered a part of the SMA2 discussions. It was added that U of T has been successful in filling graduate spaces however.

Faculty, Staff, University Wide Costs:

- Compensation continued to be a significant driver for the budget, totalling \$1.54 billion;
- 2017-18 University Wide Costs (UWC) totalled \$552 million, UTM and UTSC would spend an additional \$91 in campus related costs.

Funding Sources:

- UTM's primary funding source was tuition fees (74%), followed by provincial operating grants (22%);
- It was anticipated that the funding formula review would include an enrolment-based core operating grant based on 2016-17 enrolment with equal per-student funding across all universities (weighted by program);

¹ A copy of this presentation is attached as Attachment A.

- Historical differences in per-student funding would move to the differentiation envelope and would be combined with current Performance and Quality Funds. The differentiation envelope would be linked to yet to be specified SMA metrics;
- Special Purpose Grants like Campus Safety and First Generation access programs would continue on as before in a separate envelope.

Student Aid

- In 2015-16, UofT spent \$193 million in student aid and the U of T Student Access Guarantee expenditure totalled \$65.8 million;
- The University led the country in providing institutional student aid beyond the provincial requirement - \$30.2 million spent beyond requirement - that helped reduce student costs and the financial barriers to a university education.
- Based on an *Arts and Science* undergraduate student (3-campus) who is OSAP eligible – the net tuition and fees paid by the student are less than 50% (47%) of the total net tuition and fees costs; the other 53% is paid by U of T and the Province;
- The Province was currently redesigning the financial aid system (OSAP) to reduce complexity and increase transparency for students;
- In 2017-18 many provincial aid programs would be consolidated into one. Starting in 2018-19, indirect entry programs would be charged with net-tuition billing, which would show the cost borne by the student, as well as the full cost subsidized through provincial operating grants.

University Fund:

- The 2017-18 University Fund totalled \$18 million and the Provost had broadened the use of pooled funds. Divisions would have to compete and submit proposals for those funds outside of the Annual Budget Review process;
- The UF was dispersed among the following portfolios:
 - \$3.8 million towards undergraduate and international experience;
 - \$4.95 million in diversity and Truth and Reconciliation Commission (TRC) related supports;
 - A pooled fund of \$2.5 million for Cities Initiatives;
 - A pooled fund of \$7.1 million for structural budget and infrastructure.
- 2017-18 UF allocations to UTM totalled: \$395,000 towards undergraduate and international experience, which included:
 - \$200,000 in base allocation towards international recruitment and student mobility support staff;
 - \$195,000 in base allocation towards wellness counsellors.

A member asked whether provincial operating grants, which had been on a steady decline for the last decade, would continue in this direction or if there was any potential that this may be reversed by recognition of the budgetary pressures faced by universities and students. He further asked whether the University had any plans to address this, perhaps in collaboration with other universities. Professor Mabury explained to members that this remained a significant advocacy piece for the University, and added that the comparators in the United States were receiving grants under 10%. Ms Garner added

that the University would benefit from a revised funding formula in the future, though it would remain revenue neutral for the next several decades.

3. Level 1 Capital Project Update

The Chair invited Ms Stepanka Elias, Director, Operations, Design & Construction to provide a high level overview of Level 1 capital projects at UTM. Ms Elias advised members that level 1 capital projects were those with a total project cost under \$3 million, and that the total total project cost value of Level 1 capital projects at UTM was approximately \$35 million. In 2016-17 fourteen projects had been completed to date, and 18 were in progress. Ms Elias noted that these included projects that were funded through the Strategic Investment Fund, and that the deadline to complete these was April, 2018. She advised that the projects encompassed teaching, lab, infrastructure, and support projects, and provided examples of each². In response to a member's question, Ms Elias advised that chemicals used in laboratories were heavily regulated and measures were in place to meet safety and environmental standards.

4. I-CUBE

The Chair invited Mr. Sam Dumcum, I-Cube Program Coordinator, Institute for Management and Innovation to provide an overview³ of activities at I-CUBE. Mr. Dumcum advised members that I-CUBE programming was divided between open programs, where any member of the UTM community could access support and training resources, and the Innovation to Commercialization for Entrepreneurs (ICE) Program, which prepared student teams for a pitch competition that awarded \$40,000 in funding to the winner. The ICE program included access to I-CUBE funds and tools as well as dedicated mentors. He noted that faculty could reach out to I-CUBE for entrepreneurial workshops for students and to advertise the Research Opportunity Program (ROP). Mr. Dumcum noted to members that I-CUBE supported 20 companies and engaged 2000 students from UTM and other greater Toronto area universities. Some of these teams were also generating revenue. I-CUBE had recently launched a start-up squad for academic internships, and had begun a pilot with the Institute of Communication, Culture Information and Technology. The program also runs entrepreneurial workshops for external members of the community, which helped to build engagement. Mr. Dumcum thanked the Office of the Registrar for actively advertising the work of I-CUBE and helping to raise the profile of the Office and increased student awareness of I-CUBE resources.

In response to a member's question regarding intellectual property, Mr. Dumcum advised that students were referred to a law firm regarding patent advice, and that they are also referred to the Research Innovation Commercialization Centre (RIC) for further business development advice. He clarified that the rights belonged to the company itself, and not to the University.

² A copy of this presentation is attached as Attachment B.

³ A copy of this presentation is attached as Attachment C.

5. Assessor's Report

a) Update on International Partnerships

The Chair invited Mr. Dale Mullings, Assistant Dean of Students & International Initiatives from Student Affairs to update members on recent activities regarding international partnerships. Mr. Mullings advised that there had been several enhancements to international exchange, which included the identification of department-specific exchange partners, expansion of the International Research Opportunity Program (iROP) to 40 students, and a European partner visit in April with the Departments of Chemical and Physical Sciences, Visual Arts and Geography. He also noted that faculty-led courses had been introduced, which included embedded international experiences. Some examples of these were contemporary Cambodian politics and society in Cambodia, engendering human rights in Chile, and gender in development in Tanzania.

A member commended the Office of Student Affairs for these developments. The member then inquired into the arrangement with U.S partners and whether this was a one to one exchange and about the flexibility of arrangements with English language countries were. Mr. Mullings advised that the exchange agreements were balanced exchanges where a 5 year window was negotiated to ensure that there would be a one-to-one exchange. Following a 5 year negotiated contract, the program targets generally grow. He noted that currently there was only one partnership in the U.S. with UC Berkeley and it was quite limited, but that efforts were being made to grow the number of U.S exchanges.

CONSENT AGENDA

On motion duly moved, seconded, and carried

YOUR COMMITTEE APPROVED

THAT the consent agenda be adopted and that Item 7 - Report of the Previous Meeting, be approved.

6. **Report on Capital Projects** – as at February 28, 2017
7. **Report of the Previous Meeting:** Report 21 – February 9, 2017
8. **Business Arising from the Report of the Previous Meeting**
9. **Date of Next Meeting** – Monday, April 24, 2017, 4:10 p.m.

10. Other Business

There were no items of other business.

The meeting adjourned at 5:32 p.m.

Secretary
March 27, 2017

Chair



Budget 2017

University of Toronto Mississauga
Campus Affairs Committee

March 20, 2017



Agenda

1) Context

4) Funding Sources

2) Students & Teaching

5) Student Aid

3) Faculty, Staff, UWC

6) UF

7) Opportunities & Risks



Strategic Mandate Agreements

- Basis for Ontario's differentiation policy

2014

2017

2020

2023

SMA1 (14-17)

- UofT's distinct role in Ontario
- Graduate spaces
- Conversion of teacher ed.

SMA2 (17-20)

- Negotiations spring 2017
- Funding formula redesign
- Revenue neutral

SMA3 (20-23)

- Operationalize differentiation metrics

2017-18 Operating Budget \$2.47B

St. George
\$1.89 billion
 55,130 Students
 2,683 Faculty
 4,798 Staff
 635,601 NASM



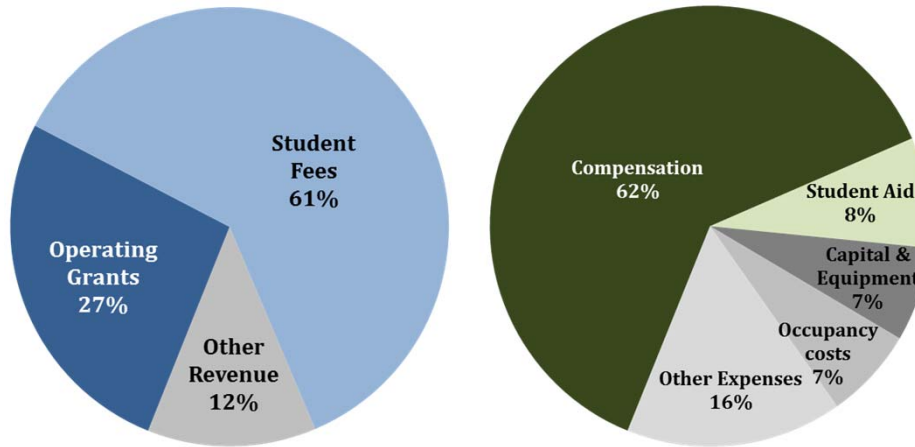
Scarborough
\$273 million
 10,826 Students
 341 Faculty
 649 Staff
 90,630 NASM

Mississauga
\$308 million
 12,336 Students
 351 Faculty
 665 Staff
 101,835 NASM

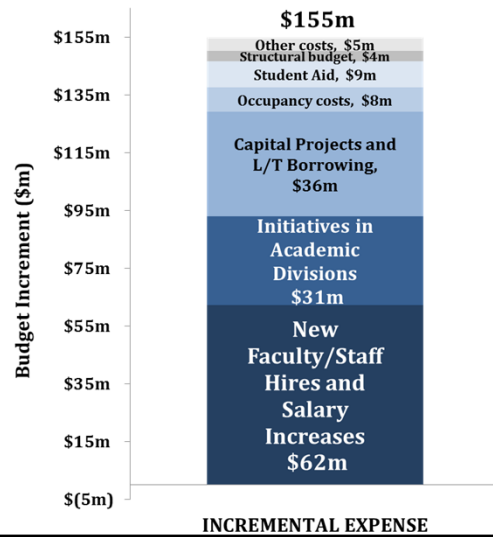


Enrolment: 2016-17 actual FTE per Enrolment Report
 Faculty and staff: 2016-17 operating budget FTE
 Space (NASM): as of Sept. 2015 per Facts & Figures

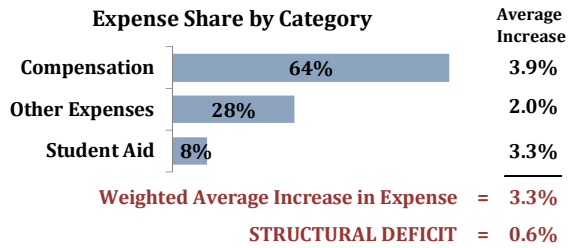
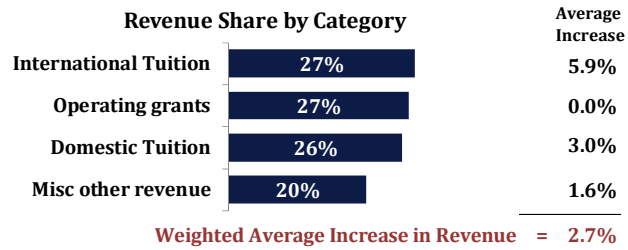
Balanced Budget for 2017-18 - \$2.47 billion



Incremental Expenses \$155m

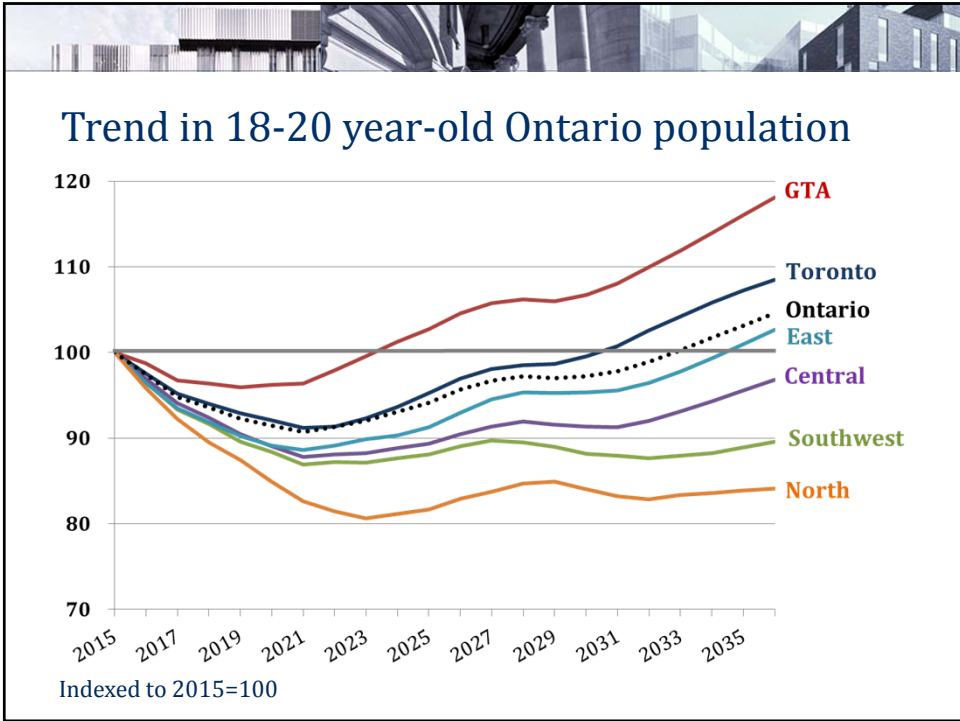


Costs Rise Faster than Steady State Revenues (Rates of increase based on 5-year historical average)



Students and Teaching

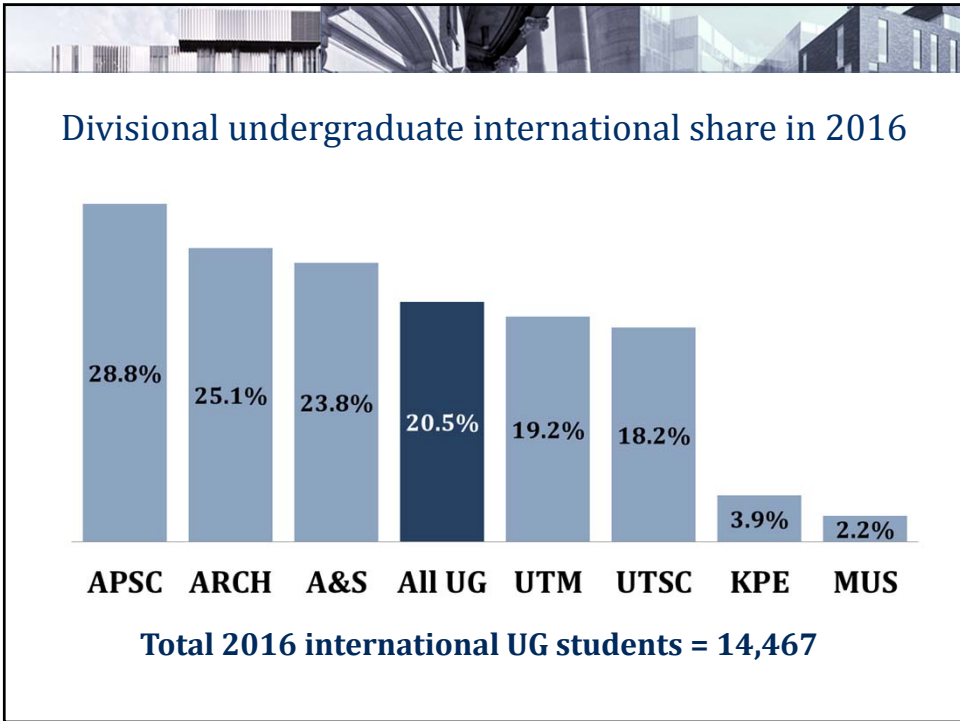
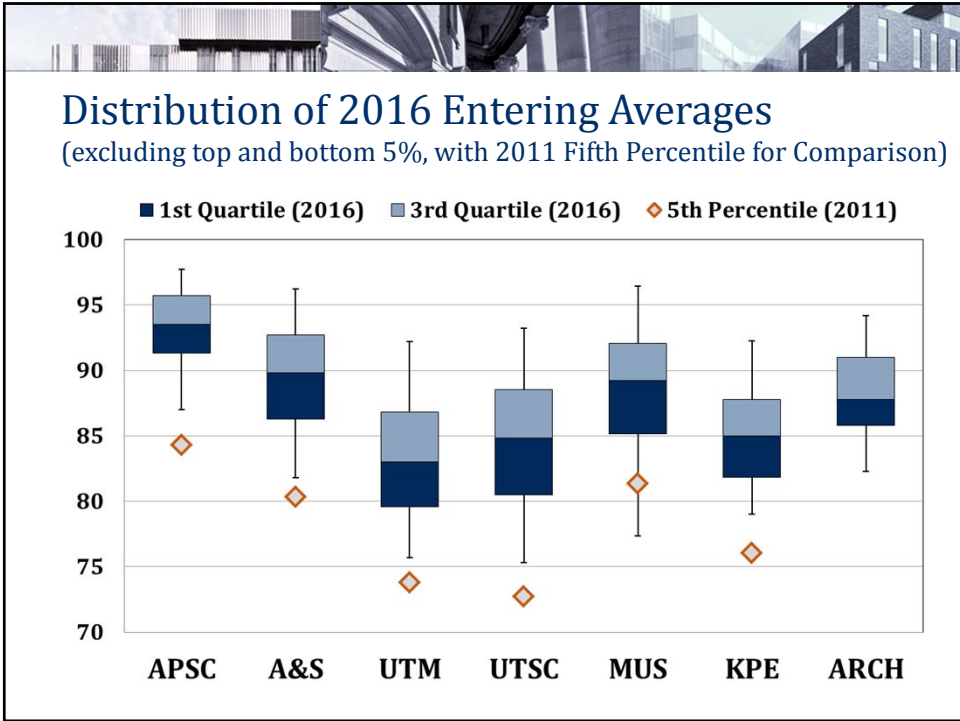


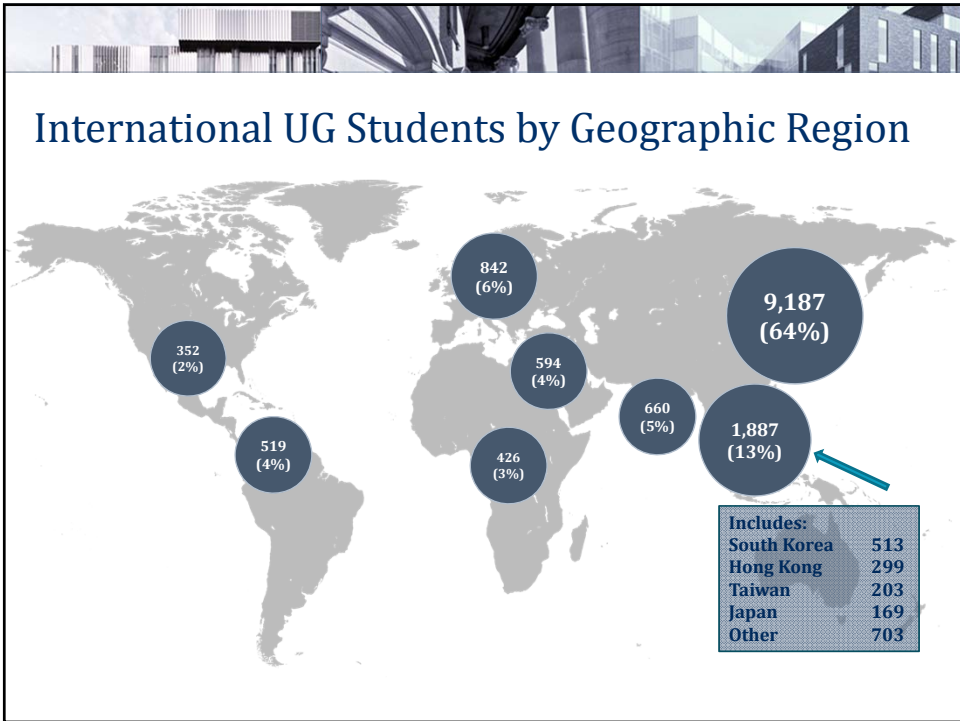
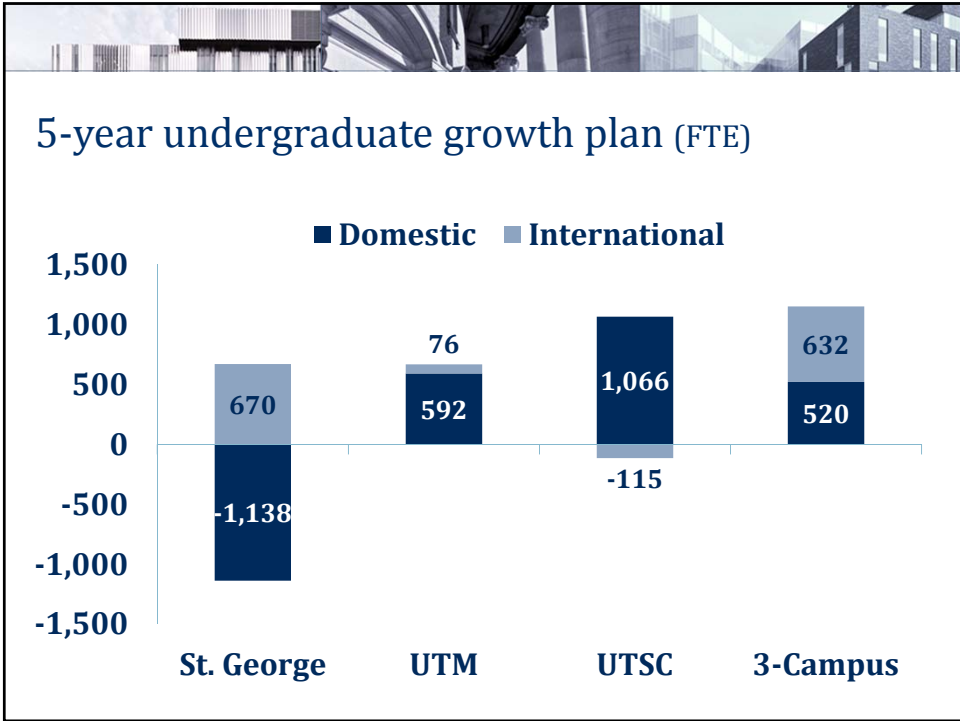


Undergraduate enrolment results 2016-17

	2015 Actual	2016 Actual	2016 Variance to Plan
Total FTE			
St George	39,011	38,600	(68)
UTM	11,405	11,915	11
UTSC	10,486	10,747	(95)
TOTAL	60,902	61,262	(152)

UNIVERSITY OF TORONTO



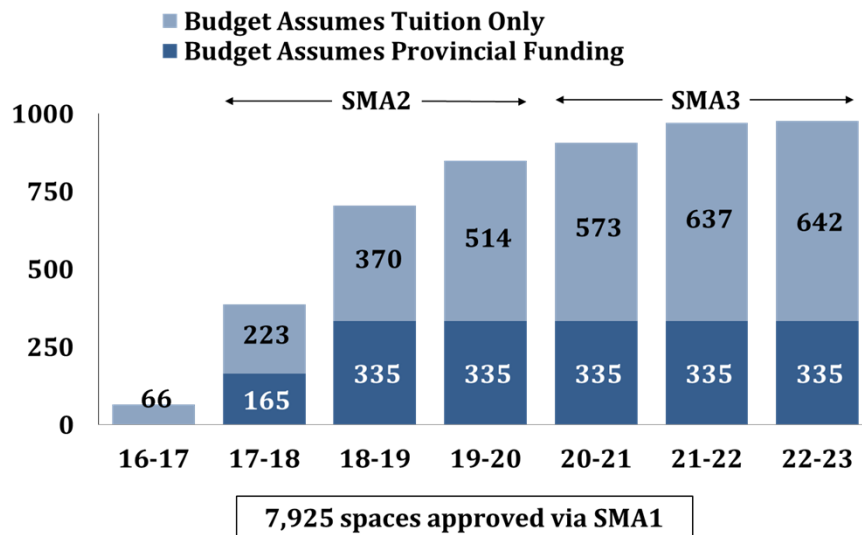


2016-17 UTM Undergraduate Enrolment

Area of Study	2016-17 FTE	% Int'l
Arts & Humanities	2,851	16%
Social Sciences	4,446	21%
Management	974	34%
Life Sciences	1,339	5%
Other Sciences	2,089	23%
MD	216	0.5%
TOTAL	11,915	20%

15

Masters – Planned Growth over SMA1 (Fall Eligible FTE)



2016-17 UTM Graduate Enrolment

Program Type	2016-17 FTE	Projected 2021-22
Prof Masters	424	506
DS Masters *	82	n/a
PhD *	155	n/a
TOTAL	661	

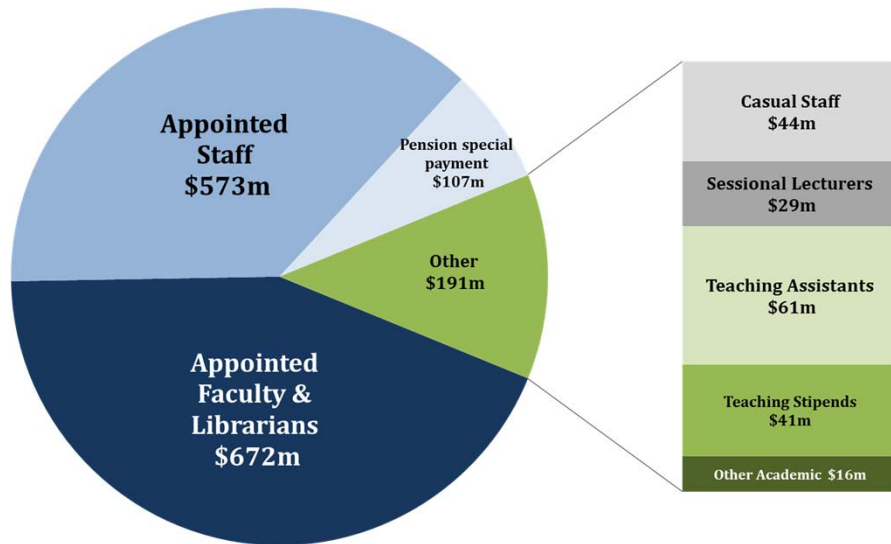
* As per self-declared code in student system

17

Faculty, Staff and University-wide Costs



2017-18 Compensation Budget \$1.54B (Est.)



2016-17 Budget \$1.48B + Budget Increase \$62M

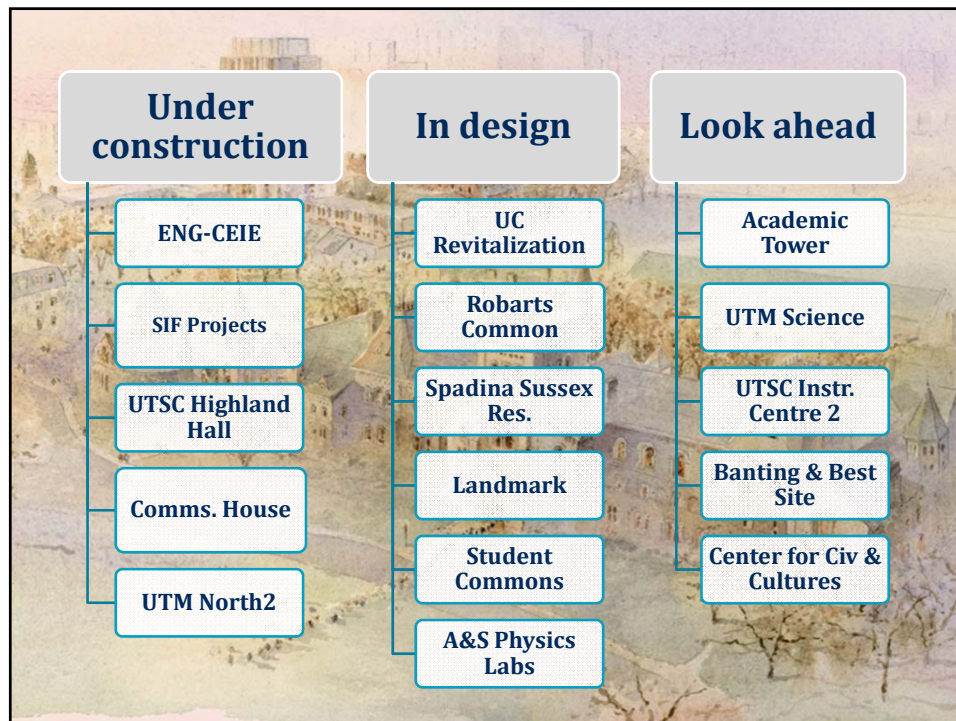
Preliminary Faculty and Staff Hiring Plans at UTM

	Faculty & Librarians	Staff
2016-17	363	539
2017-18	+31	+43
2018-19	+22	+25
2019-20	+23	+11
2020-21	+22	+24
2021-22	-	+11

Pension special payments and other related costs

	Incremental Annual \$m	Total Annual \$m
2016-17	5	102
2017-18	5	107
2018-19	5	112
2019-20	5	117
2020-21	5	122
2021-22	5	127

Placeholder



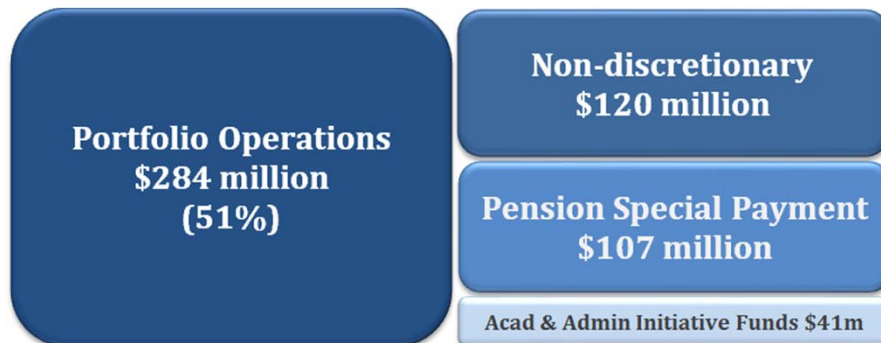
Operating budget support of capital projects (\$m)

	14-15	15-16	16-17 est.	17-18 est.
Payments on loans & mortgages	\$32	\$33	\$35	\$37
Transfer from operating to capital	\$128	\$24	\$67	\$101
Total	\$160	\$57	\$102	\$138

A guiding principle is that capital projects in academic divisions should include funding from long term debt of no more than 20%.

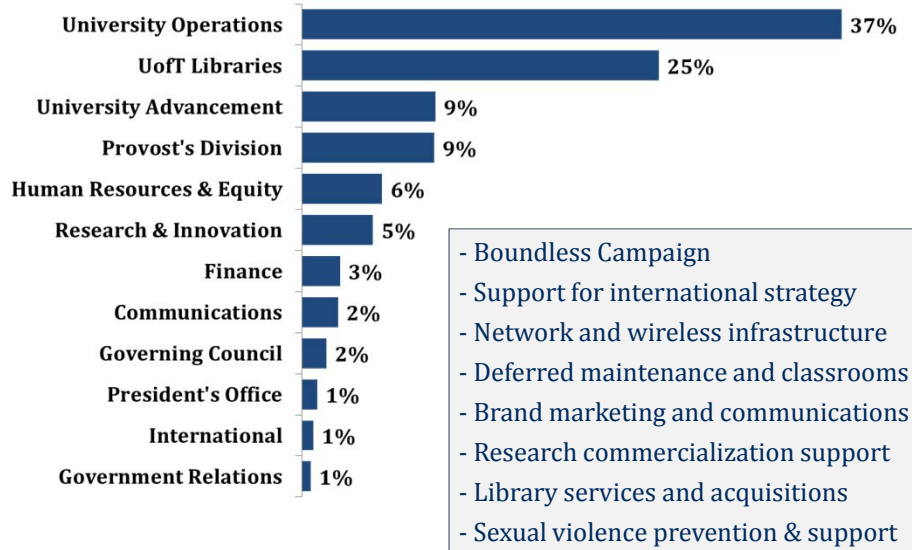
What makes up university-wide costs?

2017-18 University Wide Costs: \$552 million

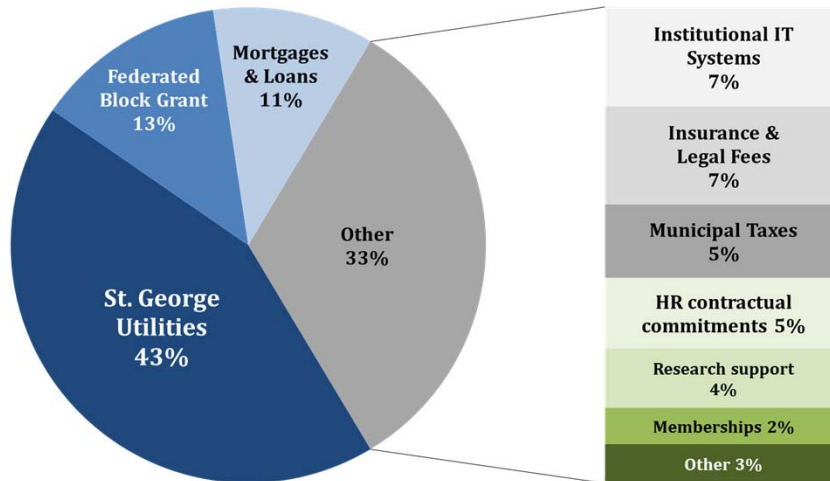


UTM/UTSC spend an additional \$91m on campus costs

Shared Service Portfolio Operations (\$284m)

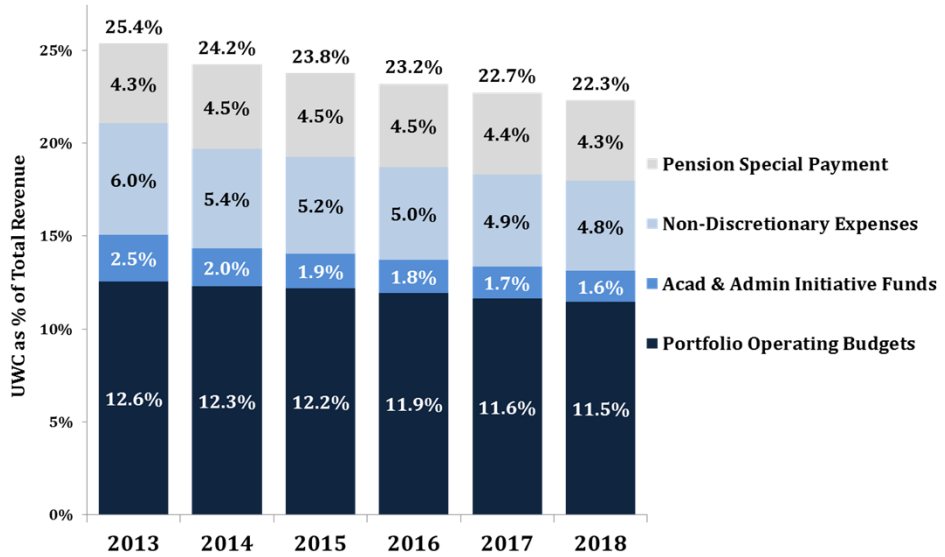


Non-discretionary Expenses (\$120m)



*Excludes UTM and UTSC utilities, which are reported separately as campus service costs.

University-wide costs as % of Revenue

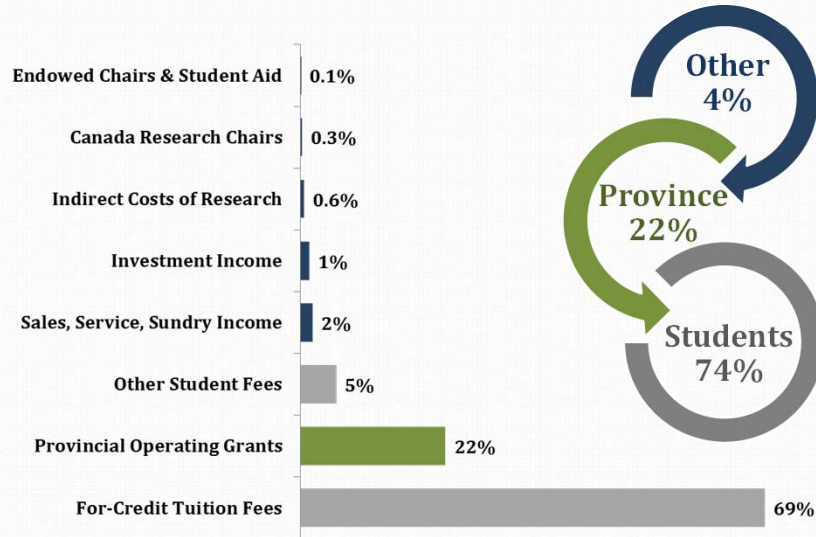


*Restated to report academic and administrative initiative funds in a single category

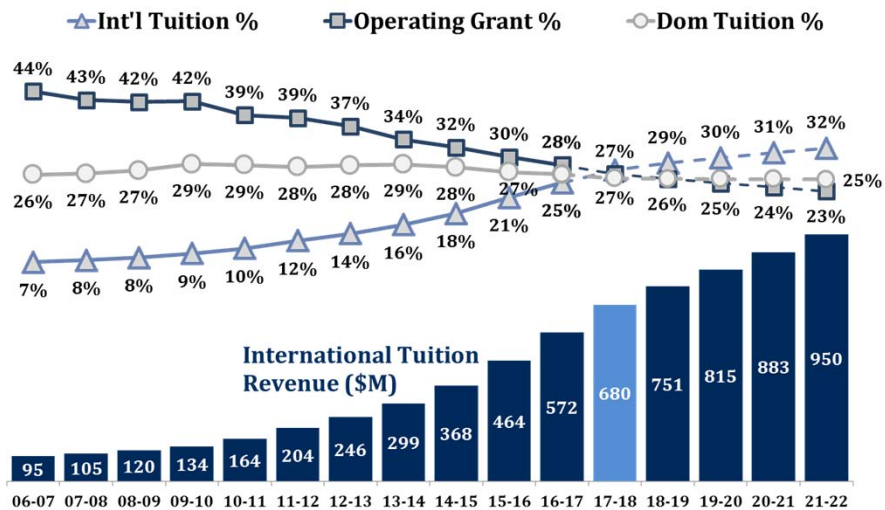
Funding Sources



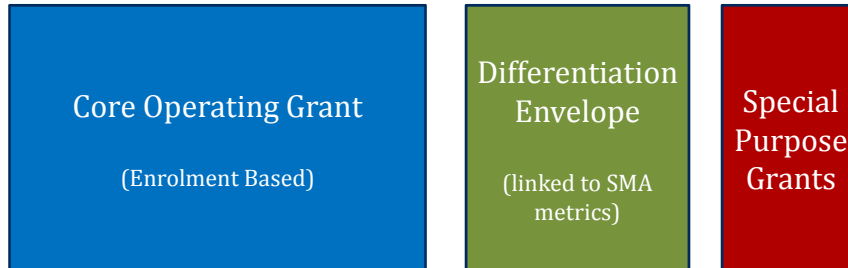
UTM 2017- 18 sources of revenue (\$327m)



The changing revenue landscape (excludes divisional income)



Provincial Funding Formula Review (anticipated funding envelopes)



Revenue neutral change through SMA2 with negotiated growth targets.

Potential for funding changes to the Differentiation Envelope in SMA3.

Provincial Tuition fee framework extended 2017-18 and 2018-19

(Domestic overall cap = 3%)	Incoming Students	Continuing Students
Domestic General UG	3%	3%
Domestic Prof and Graduate *	5%	5%

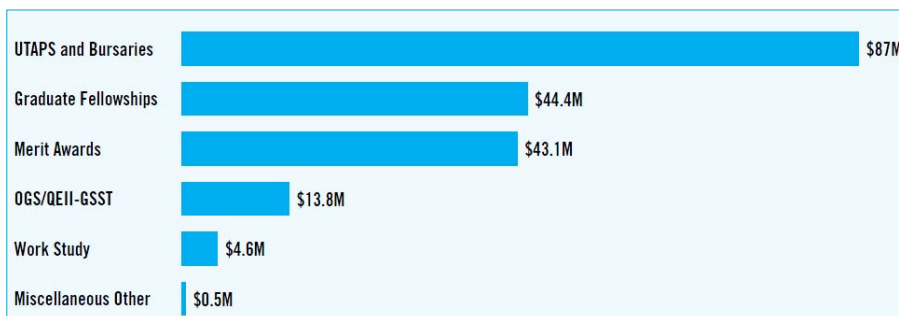
* Domestic tuition fee for doctoral stream will **decrease** by \$70

Student Aid



STUDENT AID EXPENSES

\$193 million in 2015-16



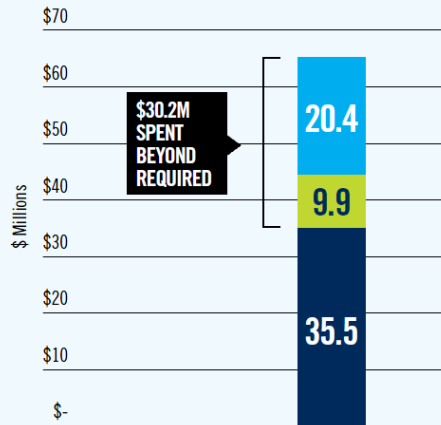
STUDENT ACCESS GUARANTEE

\$65.8 million in 2015-16

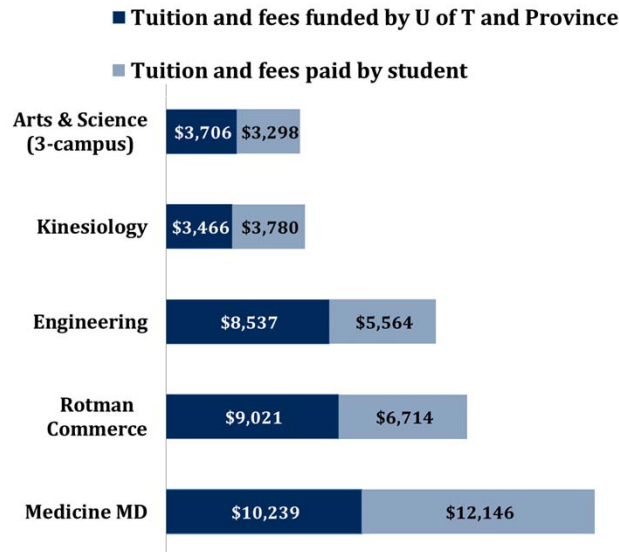
The chart shows the University of Toronto's 2015-16 SAG expenditures. Expenditures totalled \$65.8M. Of that amount, \$35.5M was required to be paid as per SAG requirements. The remaining \$30.3M includes discretionary expenditures for students in second-entry programs and for the difference between actual living costs and living costs recognized in the OSAP need assessment for students in direct and second-entry programs.

Source: Ministry of Advanced Education and Training

- Second entry discretionary programs
- Direct discretionary programs
- Required (direct and second entry)



Net tuition for UG students receiving OSAP 2014-15





Changes to Ontario Financial Aid

- Redesign of financial aid system (OSAP) will be good for students:
 - reduced complexity,
 - increased transparency
 - earlier decisions on available financial aid
- 2017-18 → consolidation of many provincial aid programs into one
- 2018-19 → introduction of net-tuition billing for students in “direct-entry” programs



University Fund



2017-18 UF \$18m: Advancing our Priorities

Undergraduate & International Experience TOTAL: \$3.8 million	Diversity and TRC-Related Supports TOTAL: \$4.95 million
<p data-bbox="428 562 764 653"> Int'l Recruitment & Student Mobility (Support Staff) \$1.5m base </p> <p data-bbox="467 688 727 751"> Wellness Counsellors \$1.3m base </p> <p data-bbox="428 787 764 919"> Undergraduate Research, WIL, Experiential Learning, Career Development \$1m OTO/year for 3 years </p>	<p data-bbox="894 537 1170 627"> TRC Response-Related Faculty and Staff Hires \$2.5m base </p> <p data-bbox="954 663 1114 726"> TYP Director \$200k base </p> <p data-bbox="867 762 1203 825"> Indigenous Space Matching \$1.5m OTO </p> <p data-bbox="834 858 1235 949"> Expansion of Academic Diversity Hires Program \$750k OTO/year for 3 years </p>

2017-18 UF \$18m: Advancing our Priorities

Cities Initiatives TOTAL: \$2.5 million	Structural Budget & Infrastructure TOTAL: \$7.1 million
<p data-bbox="477 1423 716 1514"> Support for cities research initiatives \$1.5m base </p> <p data-bbox="451 1549 742 1640"> St. George performance space renewal \$1m OTO </p>	<p data-bbox="878 1423 1192 1486"> Structural budget reserve \$3.5m base </p> <p data-bbox="964 1522 1105 1585"> ARCnet \$1.6m base </p> <p data-bbox="932 1621 1138 1684"> Capital matching \$2.0m OTO </p>

2017-18 UF Allocations to UTM

Undergraduate & International Experience

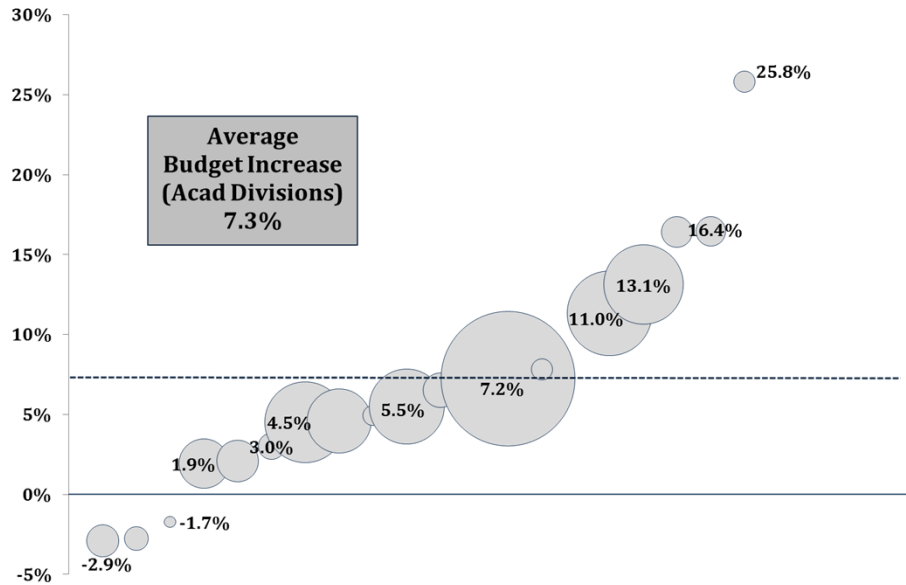
**(2) Int'l Recruitment & Student
Mobility Support Staff**
\$200k base

(1.5) Wellness Counsellors
\$195k base

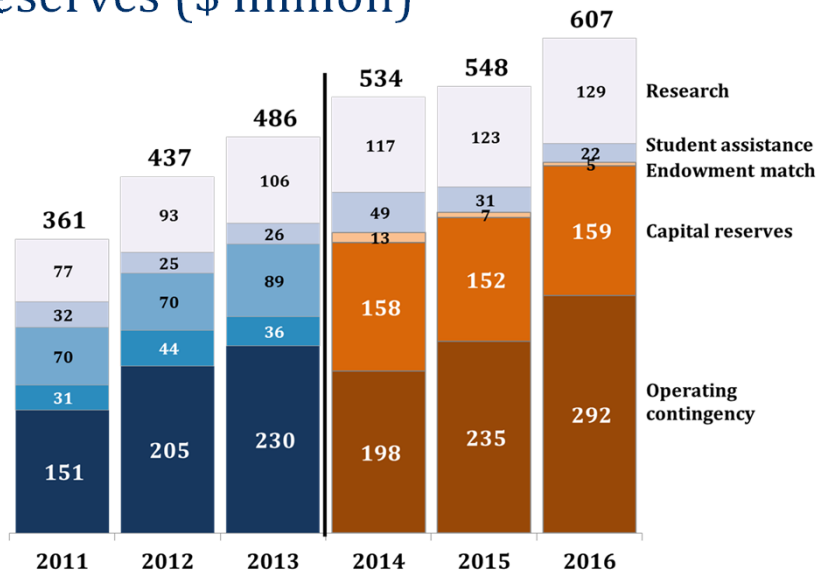
Budget Summary - Opportunities and Risks



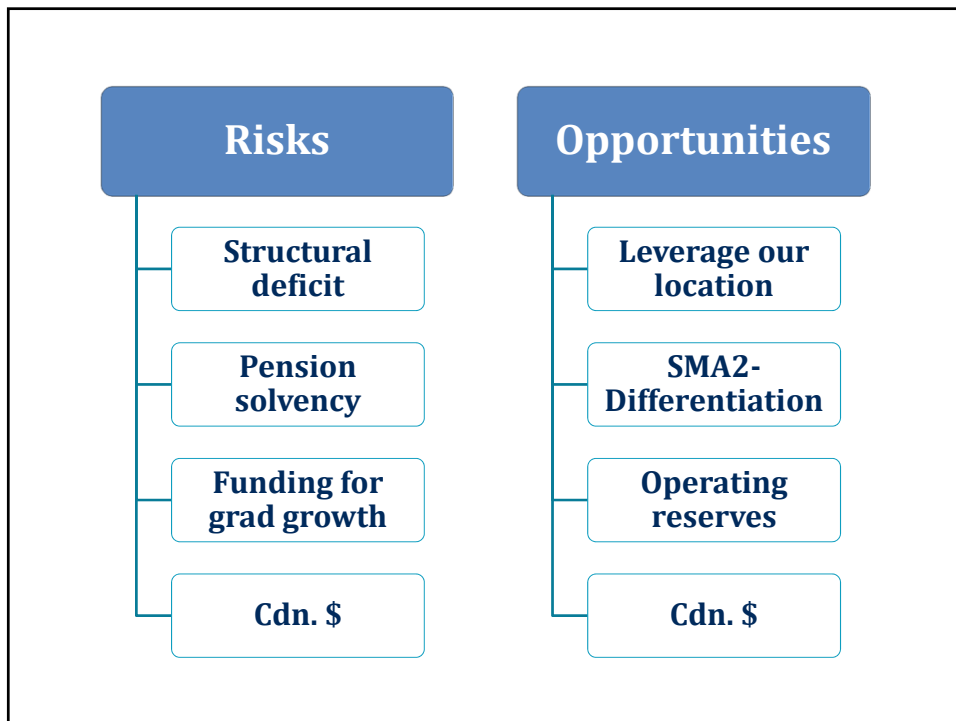
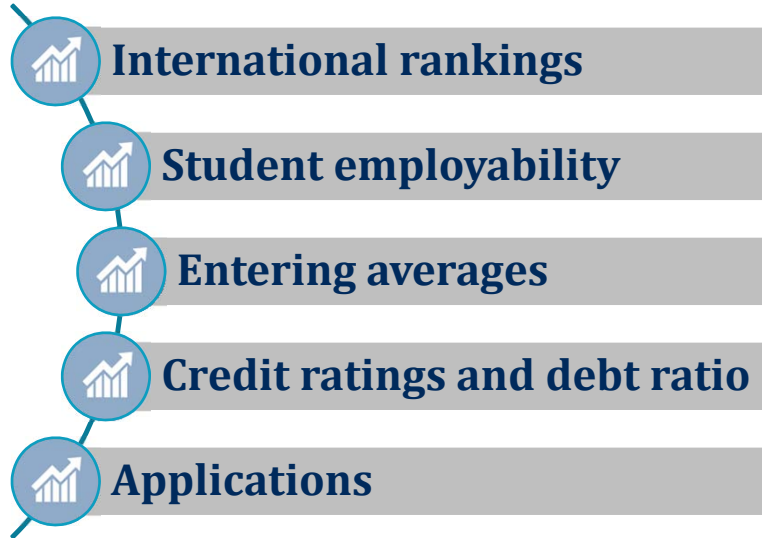
Variation in Growth of Divisional Expense Budgets (i.e. Revenue less University-wide Costs and Student Aid)



Reserves (\$ million)



Key metrics are strong





CAC report on Capital Projects Level 1 (under \$3Million)

Report to CAC

March 20, 2017



Summary

Project Value (approved TPC) under \$3M

- SPMC
- Small self funded
- Infrastructure

Project Status

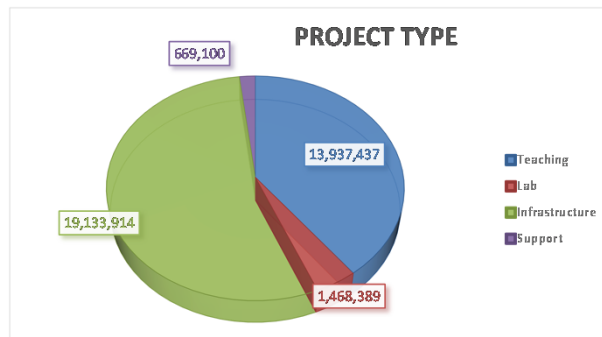
- In progress
- Complete

Note, Majority of SPMC 2016-17 will be approved in April/May



Project Status	Total \$ TPC value	Total # of projects
in progress	25,860,775	18
complete	9,348,065	14
TOTAL (incl SIF)	35,208,840	32

Summary – by project type



Project Type	Total \$ TPC value	Total # of projects
Teaching	13,937,437	9
Lab	1,468,389	6
Infrastructure	19,133,914	8
Support	669,100	9
TOTAL (incl SIF)	35,208,840	32

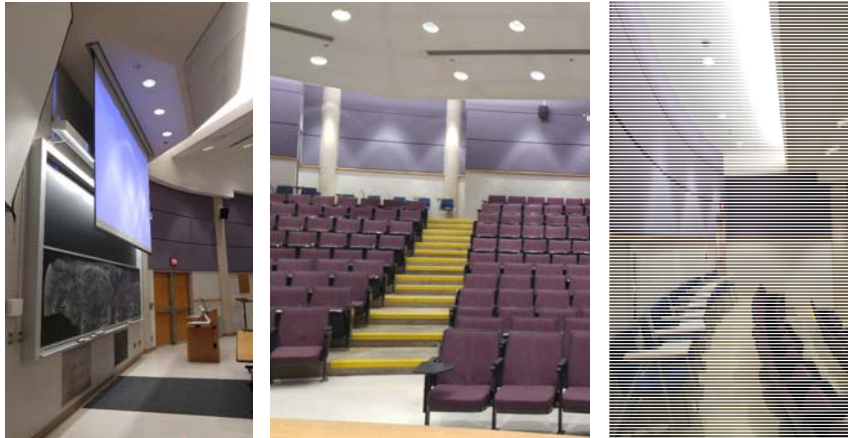
Summary – by project type

Teaching

Location	Projects	Cost	Status	Type
DV	Shared Teaching Labs 2nd floor	2,579,843	complete	Teaching
DV	AccessAbility Examination Center	1,083,154	complete	Teaching
DV	BIO Teaching Lab Reno, 2nd floor	1,805,910	complete	Teaching
Classroom	2016 Classroom updates	264,826	complete	Teaching
HSC	MAMA HSC 414 update	238,879	complete	Teaching
DV	BIO 4th floor Prep Room	1,957,306	complete	Teaching
FCSH	Forensic Crime Scene House	82,588	complete	Teaching
DV	DV 2080/82 Classrooms reno	2,931,902	in progress	Teaching
Kaneff Bui	KN137 Classrooms Reno	2,993,029	in progress	Teaching

Examples – teaching

Classroom Renovation – KN137



Examples – teaching

Classroom Renovation – DV2080/82



Examples – teaching

Shared lab renovations

- ANTH, CPS, GGR, PSYCH
- Cap=24
- Cap=48
- Flexible layout
- New equipment



Examples – teaching

AccessAbility Exam Centre

- Twenty private test rooms
- Invigilator workstations
- Locker area



Summary – by project type

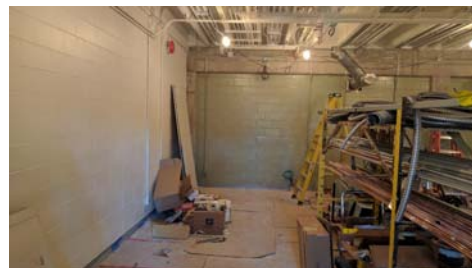
Labs (research facilities)

<i>Location</i>	<i>Projects</i>	<i>Cost</i>	<i>Status</i>	<i>Type</i>
DV	DV3004 reno for BIO	32,070	complete	Lab
DV	Vivarium Reno, Phase 2	82,243	in progress	Lab
DH	DH4043 reno for PSYCH	11,094	complete	Lab
DV	DV3061/62 reno for CPS	1,004,917	in progress	Lab
CCT	CC4166/8 reno for PSYCH	199,261	in progress	Lab
DV	DV2031 Fly Kitchen	138,804	in progress	Lab

Examples - Labs (research facilities)

SIF DV3017 Lab reno

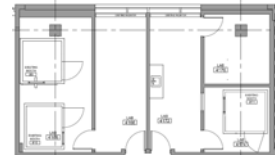
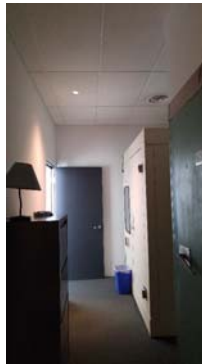
- In progress
- CHM and BIO
- Move in mid April



Examples - Labs (research facilities)

CC4166/68 PSYCH RES LAB RENO

- ❑ 4th floor CCT Human Communication
- ❑ Eye tracking studies
- ❑ Behavioral studies
- ❑ Sound Booths
- ❑ In progress



Summary – by project type

Infrastructure

Location	Projects	Cost	Status	Type
DV	A block, 3 rd floor Corridor Reno	795,603	complete	Infrastructure
DV	SIF BIO & FISH Research Labs Reno	2,786,153	in progress	Infrastructure
DV	SIF DV3017 Lab Reno	2,789,339	in progress	Infrastructure
DV	SIF A Wing Fume Hood renewal	2,890,744	in progress	Infrastructure
DV	SIF Electrical Remediation	2,873,356	in progress	Infrastructure
DV	SIF DV A Wing HVAC Renewal	2,909,384	in progress	Infrastructure
DV	SIF Backup power remediation	2,896,912	in progress	Infrastructure
DV	Condenser Water loop upgrade	1,192,423	in progress	Infrastructure

Summary – by project type

Infrastructure

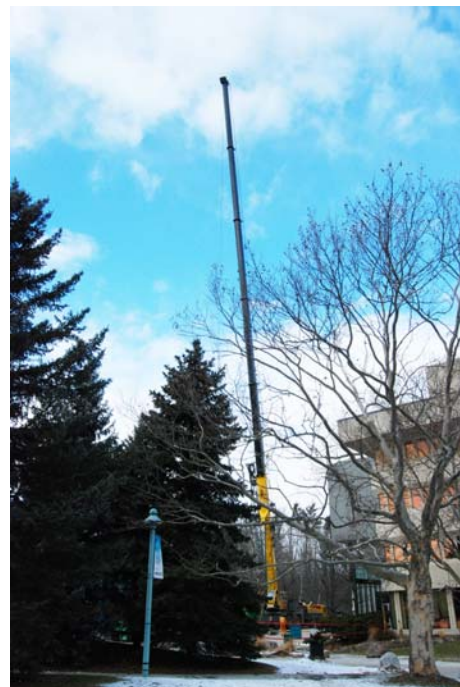
- SIF A Wing Fume Hood renewal
- SIF Electrical Remediation
- SIF DV A Wing HVAC Renewal
- SIF Backup power remediation

- In progress
- Completion March 2018




Example: Infrastructure

SIF DV A Wing HVAC Renewal



Summary – by project type

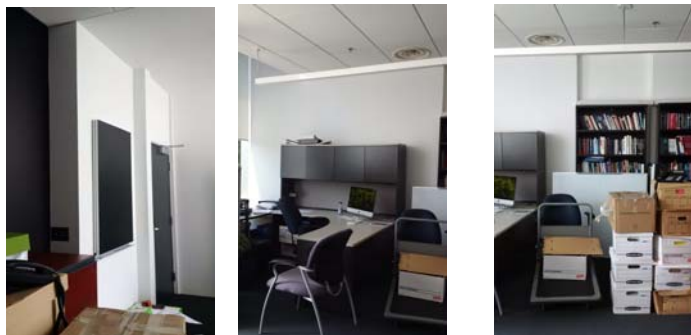
Support & Other spaces

<i>Location</i>	<i>Projects</i>	<i>Cost</i>	<i>Status</i>	<i>Type</i> 
CUP	Lunch & Change rooms reno	110,432	complete	Support
DV	UTM Bookstore minor upgrades	102,168	complete	Support
HMALC	HMALC 2nd Level space reconfig	277,716	complete	Support
DV	Digital Signage installation DV3205	6,476	complete	Support
DV	Digital Signage installation KN	7,265	in progress	Support
CCT	CC2132/74 prayer rooms upgrades	10,462	in progress	Support
CCT	CC3029/30 reno	98,385	in progress	Support
DV	DV3208 & DV3200 Dean's Office	48,396	in progress	Support
CCT	CC Digital Signage PSY	7,800	in progress	Support

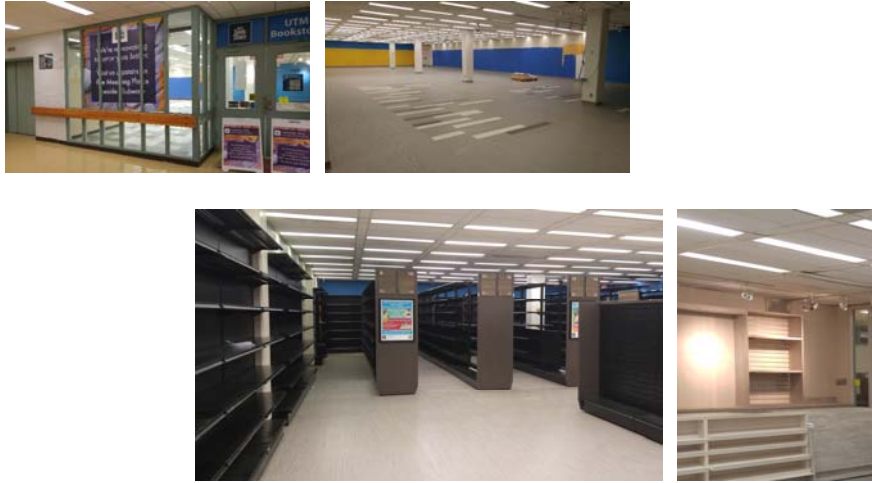
Examples – support & other

CC3029/30 Office reno

- ICCIT and DVS
- Split CC 3030 into 2 offices
- Offices for new hires



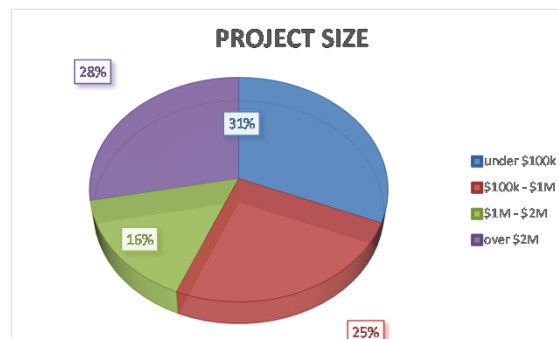
Examples – support & other Bookstore flooring upgrade



Summary

Project Status	Total \$ TPC value	Total # of projects
in progress	25,860,775	18
complete	9,348,065	14
TOTAL (incl SIF)	35,208,840	32

SIF	17,145,888
-----	------------





Entrepreneurship in Action at UofT Mississauga

ICUBE PROGRAMMING

OPEN

Start any time
Receive:
Support
Training
Resources

ICE Program

Began Jan 19, 2017
ICUBE Funds Access
Pitch Competition
Dedicated Mentors
Access to ICUBE Tools





Classroom Engagement Opportunities



CSC399Y 2017
COMPUTER SCIENTISTS & ENTREPRENEURSHIP
with Prof. Arnold Rosenbloom
in partnership with
ICUBEUTM

CHM399Y 2017
ENTREPRENEURIAL CHEMISTRY
with Prof. Patrick Gunning
in partnership with
ICUBEUTM

The banner is split into two horizontal sections. The top section features a black and white portrait of Prof. Arnold Rosenbloom on the left. The bottom section features a color portrait of Prof. Patrick Gunning on the right, with a blue DNA double helix graphic overlaid on the left side of the text.

inspiration

idea tion

innovation

#BEYOUROWNBOSS

Entrepreneurial Workshops / Commercialization Coaching

 Alto Earbuds	 Butik	 Cleanopy	 Cubio Co.
 Ecoden	 GovPlz	 KWEchild	 Micharity
 Participaid	 SoCity	 Trureach	 U-Dimensions
 United Wizards	 APIOpoly	 Uptik	 Shyft

ICUBE HIGHLIGHTS

2000+ students engaged
20+ Companies
8 Universities
4 ROPs – Starting 2017
\$2 MILLION in Funding

ICUBE UTM



Cleanopy

Clean air. Anywhere.

Received \$35K in funding for their social innovation. (ICUBE 2016)

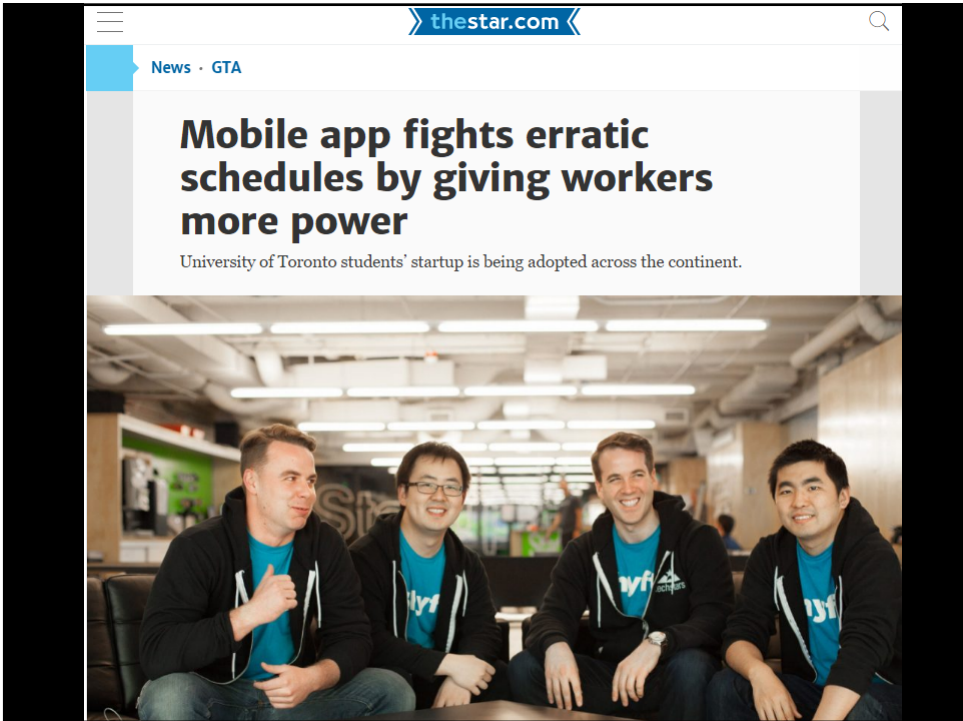
The image shows the Cleanopy logo, which consists of a white cloud with a black outline, a grey cloud behind it, and a blue square with a black outline containing a white umbrella. Below the logo, the word "Cleanopy" is written in a dark blue font, followed by the slogan "Clean air. Anywhere." in a bold, dark blue font. At the bottom, a line of text states: "Received \$35K in funding for their social innovation. (ICUBE 2016)".



MyCharity has
already generated

\$10 MILLION

in donations
@icubeutm



UPCOMING EVENTS

Pitch Competitions:

March 23 – Unlock Your Big Idea (Finals)

March 31 – UofT Entrepreneurship Day

April 26 – ICUBE '17 Final Pitch Night



ICUBE UTM