

# A NEW ERA IN UNDERGRADUATE AND GRADUATE LIFE SCIENCES EDUCATION

## GRADUATE AND LIFE SCIENCES EDUCATION

Avrum Gotlieb | Bessie Gorospe | Debbie Chau | Jennifer Francisco | Natasha Lowe | Rita Seto

## REACHING OUR GOALS

### Graduate Recruitment

Co-ordinate recruitment beyond University of Toronto to attract highest quality graduate students from Canada and internationally. Support Hobson's Connect for Faculty of Medicine as part of this endeavor.

### Graduate Enrolment Expansion

	2010-11	2011-12	2012-13
Doctoral Program	1173	1167	1180
Masters – Doctoral Stream	888	919	919
Professional Masters	871	910	948
<b>Total Headcount</b>	<b>2932</b>	<b>2996</b>	<b>3047</b>

### MSc Course Based Fields of Study

Develop sustainable two year course based MSc in the life sciences.

### Translational Research

Implement a professional master's program in translational research in health sciences at IMS.

### Co-curriculum and Professional Career Development

Programs to develop co-curricular, transferrable professional skills and information on career development.

### Graduate Collaborative Programs

The Faculty of Medicine assumes the lead faculty in graduate collaborative programs.

### Research Integrity

Educate our researchers to aspire to the highest level of academic integrity and adhere to codes of behaviour and procedures that ensure best practise in their careers as scientists.

### Digital Life Sciences Learning

Use online technologies to deliver education experiences to both our students and globally.

### Recognition of Faculty Teaching

Annual undergraduate and graduate faculty teaching awards. There is an increase in the number of awards from three to four and three to six respectively, reflecting the focus on acknowledging excellent undergraduate and graduate teaching.

### Vision:

## GLOBAL LEADERSHIP IN UNDERGRADUATE AND GRADUATE LIFE SCIENCES EDUCATION

### Mission:

## CREATE A HIGH QUALITY SUSTAINABLE EDUCATIONAL INFRASTRUCTURE TO SUPPORT INNOVATION IN UNDERGRADUATE LIFE SCIENCES AND GRADUATE EDUCATION IN THE FACULTY OF MEDICINE



### Undergraduate Research Opportunity Program (UROP) awards

Year	Number of Awards	Total Allocations
2010-11	106	\$254,400.00
2011-12	107	\$256,800.00
2012-13	107	\$256,800.00
2013-14	127	\$304,800.00

- Graduate and Life Sciences Education Undergraduate Student Leadership Award
- Graduate and Life Sciences Education Undergraduate Summer Research Project Studentships

### University of Toronto Quality Assurance Program (UTQAP)

The office of Graduate and Life Sciences Education takes responsibility for managing UTQAP as it relates to undergraduate (arts and science) and graduate programs. This includes program modification, cyclical program review and new program approval.

### Total Endowments and Expendable Funds in the GLSE Office to Support Graduate Student Scholarship Funding

Create/develop new scholarships to attract top graduate students (domestic and international) to Faculty of Medicine.

Growth of GLSE administered and adjudicated graduate student endowment funds including the Ontario Student Opportunity Trust Fund (OSOTF), Ontario Trust Student Awards (OTSS), Graduate Student Endowment Funds (GSEF) and the Queen Elizabeth II Graduate Scholarship in Science

and Technology (QEII-GSST). Effective 2010, faculty-wide OSOTF and restricted awards were made available through an online student application system.

The number of awards presented and total funds expended increased from 2010-11 to 2012-13 from 478 to 594 and from \$4,074,510 to \$5,263,168.

	2010-2011		2011-2012		2012-2013	
	Endowed Amount	Annual Income Payout	Endowed Amount	Annual Income Payout	Endowed Amount	Annual Income Payout
OSOTF/OTSS	\$95,309,168	\$4,133,788	\$96,261,922	\$4,267,269	\$96,300,073	\$4,298,088
Other Endowed <sup>1</sup>	\$7,833,372	\$346,061	\$8,733,723	\$367,644	\$8,356,932 <sup>2</sup>	\$376,401
GSEF	\$11,931,734	\$410,711	\$12,298,253	\$459,999	\$12,540,632	\$476,700
PPEF	0	0	0	0	\$2,455,043	\$50,691
QEII-GSST	\$7,175,486	\$275,874	\$7,175,486	\$281,456	\$7,175,486	\$281,456
OGS	\$2,978,130	\$129,687	\$2,978,130	\$132,312	\$2,978,130	\$132,312
<b>TOTAL</b>	<b>\$125,227,890</b>	<b>\$5,296,121</b>	<b>\$127,447,514</b>	<b>\$5,508,680</b>	<b>\$129,806,296</b>	<b>\$5,615,648</b>
	<b>Expendable Amount</b>		<b>Expendable Amount</b>		<b>Expendable Amount</b>	
Expendable Funds	\$1,208,908		\$1,320,411		\$1,195,794	

<sup>1</sup> Includes Non-OSOTF Funds, non-GSEF funds and Departmental endowed funds. Source: taken from Greybook Download Report. <sup>2</sup> Non student award endowment, which did not belong to GLSE now appropriately transferred to Dalla School of Public Health (DLSPH).



## PLANNING FOR THE FUTURE

### Combined Programs

1. Develop combined programs, both undergraduate (e.g., Arts and Science)-graduate and graduate-graduate.
2. Develop combined programs between undergraduate medicine and graduate studies.

### New Programs

New program development with focus on emerging areas of biomedical sciences and health care which will lead to major advances in these areas.

### Experiential Learning

Develop work experience placements for doctoral stream students.

### Globalization

Provide opportunities for students to expand their research to include international placements, collaborations and global networking.

### Student Supervision

Provide guidance for our faculty and students to maximize excellent supervision.

### New Undergraduate Funding

Actively promote and identify new funding sources for mentored undergraduate research opportunities with links to graduate education.

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