



Beyond Sustained Success

Leveraging Our Unique Strengths and Charting New Territory

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VPRI ANNUAL REPORTS



2010 – INTERNAL



2011 – EXTERNAL



2012 – INTERNAL



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PART 1: BY THE NUMBERS

U of T attracted **record research funding in 2012**.
It continues to lead the country in **market share of major national and international awards**.

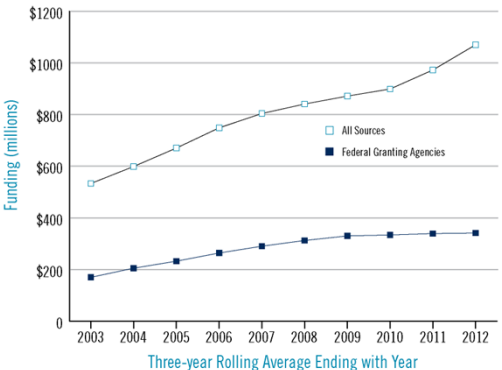


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2012: A RECORD-BREAKING YEAR


Research Funds Awarded – Ten-Year Trend (2001-2012)
U of T and Partner Hospitals



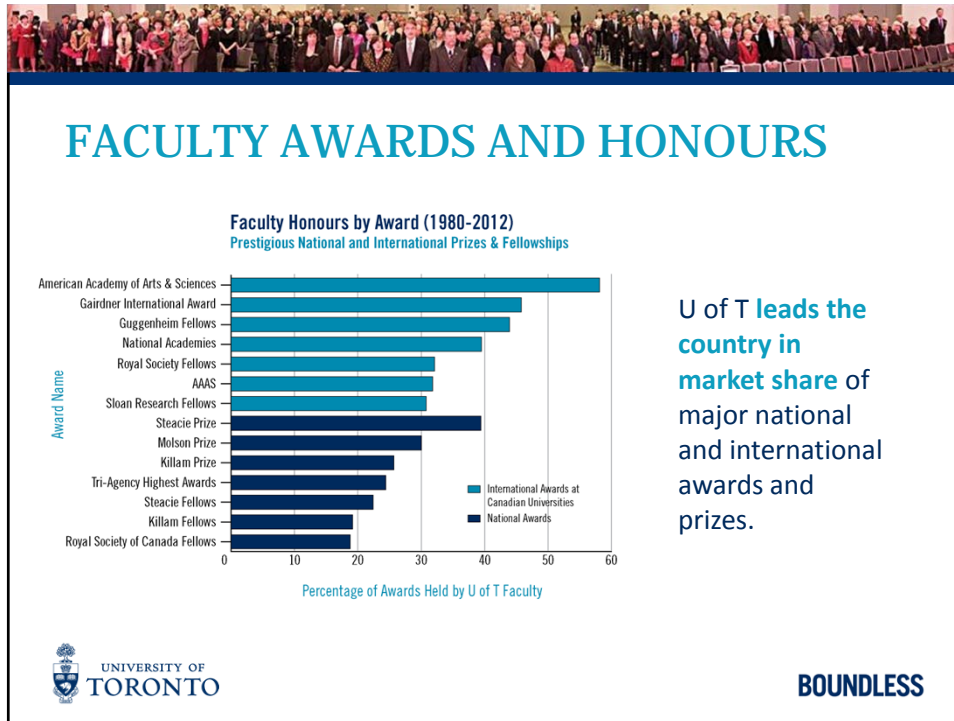
Year	All Sources (millions)	Federal Granting Agencies (millions)
2003	550	180
2004	600	200
2005	680	220
2006	750	250
2007	800	280
2008	850	300
2009	880	320
2010	900	330
2011	950	340
2012	1050	350

Three-year Rolling Average Ending with Year

U of T captured a **record \$1.2 billion in research funding** in 2011-12.
This continues a **steady upward trend** over the past 10 years.



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PART 2: PROGRESS IN KEY AREAS

The VPRI “Pillars” (RSO, IPO, ROCO) have made measurable progress in addressing three key challenges outlined in the 2010 Annual Report.

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CHALLENGE #1: Increase Market Share in Tri-Agency Competitions

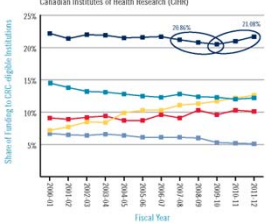
Goal: Increase market share in each federal funding agency by one-quarter per cent each year for four years and sustain those levels.



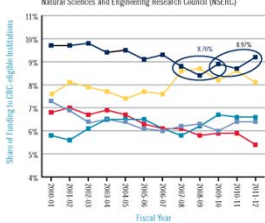

MARKET SHARE IN TRI-AGENCY FUNDING

**Tri-Agency Market Share (2000-01 to 2011-12)
Top Five Universities**

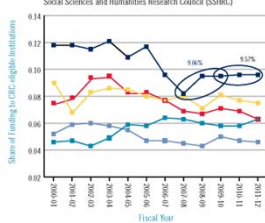
Canadian Institutes of Health Research (CIHR)



Natural Sciences and Engineering Research Council (NSERC)





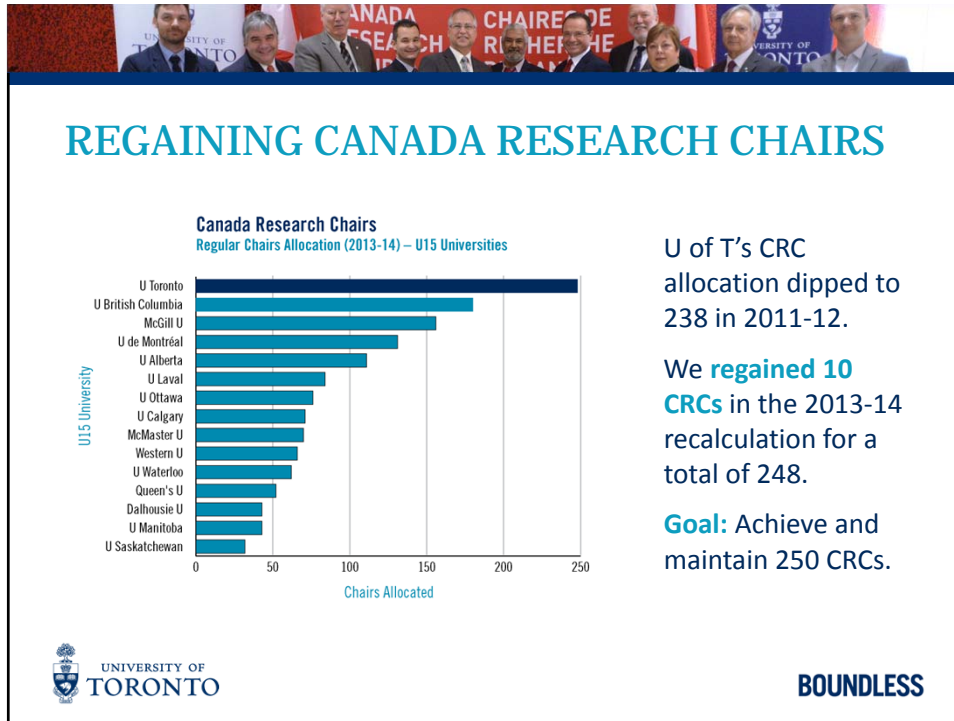
Social Sciences and Humanities Research Council (SSHRC)



— U Toronto
 — U de Montreal
 — McGill U
 — U British Columbia
 — U Alberta

The turnaround in U of T’s market share decline has yielded 10 new Canada Research Chairs: **3 from CIHR**, **4 from NSERC**, and **3 from SSHRC**.



RESEARCH SERVICES OFFICE



Each year, RSO receives **2,800 new funding applications** and oversees more than **\$400 million in research funding** awarded to **2,800 PIs** across **9,000 active accounts** that involve **800 unique sponsors** and **2,000 different programs**.



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CHALLENGE #2: Strengthen Research Partnerships

VPRI achieved measurable outcomes in:

1. Building successful partnerships;
2. Enhancing innovation; and
3. Championing entrepreneurship.



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IPO: ENHANCING INNOVATION

NCE Expenditure (2008-09 to 2010-11)
Three-year Average – U15 Universities

U15 University	Funding in \$ millions
U Toronto	7.5
U British Columbia	7.0
U Alberta	3.5
U Laval	3.0
U Ottawa	2.8
U Waterloo	2.5
McMaster U	2.2
U Calgary	2.0
McGill U	1.8
U Manitoba	1.5
U de Montréal	1.2
Western U	1.0
Queen's U	0.8
U Saskatchewan	0.7
Dalhousie U	0.5

NSERC Engage Grants (2009 to 2012)
Top Universities

Competition Year	U Toronto	U Waterloo	U British Columbia
2009	2	1	1
2010	45	25	45
2011	50	50	55
2012	65	75	95

IPO's focus on partnerships has led to success with two targeted funding sources: **Networks of Centres of Excellence** and **NSERC Engage**.

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INDUSTRY-SPONSORED RESEARCH

Increasing Private Sector Funding Over Ten Years
Projected Increase in Corporate Funding of 100%

Fiscal Year	Year-over-year Increase (%)
2009-10	0%
2010-11	17%
2011-12	28%
2012-13	20%
2013-14	43%
2014-15	53%
2015-16	63%
2016-17	70%
2017-18	87%
2018-19	100%
Cumulative	100%

Goal: To establish a trajectory that results in a **100% increase in corporate funding** in the current decade (2009-10 to 2018-19).

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IPO: CHAMPIONING ENTREPRENEURSHIP

Key initiatives:

- 1. U of T Early Stage Technologies (UTEST)**, a partnership with MaRS Innovation to support early-stage companies and entrepreneurs at U of T;
- 2. The Connaught Start-up Seed Fund**, an accelerator fund that provides early-stage funding to U of T start-ups; and
- 3. Inventor of the Year** and other key recognition events and awards.

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INNOVATIONS & PARTNERSHIPS OFFICE



Each year, IPO oversees **\$15 million in industry-sponsored research funding** supporting **1,800 projects**, manages **150 invention disclosures**, grants **25 license agreements**, and champions the creation of over **20 new start-up companies**.

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CHALLENGE #3: Address Changing Requirements for Oversight and Compliance

Priority: Ensure the University maintains compliance with the changing requirements of research sponsors.

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SAFEGUARDING THE UNIVERSITY

One of the first offices of its kind in Canada, ROCO exists to consolidate and manage the inherent risks in research and, by extension, to protect the University's reputation.

Key responsibilities:

1. Identify problem areas and **re-engineer business processes** to strengthen transparency, accountability, and auditability;
2. Address **changing requirements of research sponsors** and meet their **financial reporting expectations**; and
3. Support **Research Ethics Boards** and **Animal Care Committees**.

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RESEARCH OVERSIGHT & COMPLIANCE OFFICE



In 2011-12, ROCO managed **10,259 active research funds**, oversaw the compilation of **7,000 financial reports**, took part in **100 external audits**, and supported the review of **4,615 research ethics protocols**.



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STRATEGIC INITIATIVES & RESEARCH COMMUNICATIONS



- U of T's Strategic Research Plan and VPRI Annual Reports;
- Award-winning *Edge* magazine;
- Research & Innovation Catalogues
- Extraordinary funding competitions: NCEs, FedDev (e.g., **SOSCIP**);
- Awards and honours program; and
- The Connaught awards programs.



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PART 3: U of T AS A BEACON

“What more can we accomplish?”

Considerations in looking ahead:

1. Extending our reach;
2. Maximizing our potential for connectivity and collaboration; and
3. Further operationalizing success.



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Thank you:

- Principal Investigators and Co-Investigators
- Research Advisory Board
- Committee Members & Academic Champions
- Staff in RSO, IPO, ROCO and OVPRI
- Divisional Administrators
- External Partners and Research Sponsors

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