For a second year in a row, U of T was honoured with an award – this time receiving First Place in the Open Category for its Triple Bottom Line Work Environment at 255 McCaul Street (Exam Centre Building).

The 2017 CAUBO (Canadian Association of University Business Officers) Quality & Productivity Award recipients were announced during the most recent CAUBO annual conference (held in Ottawa on June 11-13).
255 McCaul St (Exam Centre): Project Summary – LEED and Best Practice Office Design Features

255 McCaul Street, Exam Centre Building - Project Summary
LEED and Best Practice Office Design Features

U of T's First LEED Gold Certified Project
LEED-CI Gold Certified in 2009

**Innovation & Design**
Green housekeeping, HFC refrigerant use, water efficiency and use of regional materials

**Water Efficiency**
Cisterns that capture rain water for flushing and low-flow/dual-flush washroom fixtures: reducing potable water use by 62%

**Indoor Environmental Quality**
Natural, recycled, regional, renewable, reused & low-emitting materials, 90% of staff have access to natural light and operable windows, green wall in the lobby is a natural air cleaner

**Sustainable Site**
Building repurposing instead of demolition, 97% of demolition and construction waste was diverted from landfill, bike racks that support active transportation, parking spots for staff that carpool or drive a hybrid vehicle, rainwater capture, utilized St. George Campus' sustainable roofing standard

**Energy & Atmosphere**
75% of office equipment and applicable appliances are Energy Star certified, more energy efficient lighting (task lighting, T5 lamp, LED lamp), computerized energy oversight (lighting controller and electronic metering), demand-controlled ventilation

**Materials & Resources**
Paper towels & toilet paper made from 100% recycled material, paper towel dispensers that minimize waste, storage & collection of recyclables

**Best Practice Interior Design Increases Collaboration & Productivity**

**Space Efficiency**
Average of 192 square feet per employee compared to previous average of 285 square feet per employee

**Casual Meeting Space**
Comfortable meeting area at coffee stations & lunch room and informal meeting spaces

**Hotel Stations & Private Spaces**
Visitors, contractors & colleagues are provided with temporary areas to work, shared work surfaces for virtual workers and enclosed rooms provided for private conversations and phone calls
The University of Toronto was once again recognized as one of Canada’s Greenest Employers for 2017 joining the list of 70 employers that lead the nation in creating a culture of environmental awareness in their organizations.

This is the fourth time and third consecutive year that U of T has made the list which is announced each Earth Day (April 22nd).
2016 Canada’s Greenest Employers

The University of Toronto was once again recognized as one of Canada’s Greenest Employers for 2016 joining the list of 65 employers that lead the nation in creating a culture of environmental awareness in their organizations.

This is the third year that U of T has made the list which is announced each Earth Day (April 22nd).
2016 Green Gala & Green Ribbon Award Recipients

The third annual Green Gala was held on March 9, 2016 – a celebration of sustainability at U of T. The Sustainability Office also awarded the Green Ribbons during the event (for the eighth year) – the winners of the 2016 Green Ribbon Awards were:

- **External partner**: Sky Solar Group – helped with equipment and installation of the GRIT Lab atop the John H. Daniels building
- **Student leader**: Larissa Parker – member of the Trinity College Environmental Society
- **Student group**: Sustainable Engineers Association – hosted sustainability focused events on campus
- **Faculty (tie)**: Jane Forbes, OISE – promoted a culture of sustainability at OISE; Patricia Brubaker, Medicine – founded and chaired the Faculty of Medicine Green Committee
- **Staff Inspirational Award**: Kristy Bard, anthropology – not only restored the anthropology greenhouse but started a food garden (which supplies herbs to the Harvest Noon Café)
- **Staff Eco Footprint Award (tie)**: John Walker, Facilities & Services – led successful building energy reduction projects at OISE and Robarts Library; Mike Dymarski, chemistry – has championed energy saving and sustainability at U of T for more than nine years
Facilities & Services’ Invoice Workflow Project received an Honourable Mention at CAUBO’s 2016 Quality & Productivity Awards announced during the 2016 CAUBO Annual Conference held in Quebec City in June 2016.

For more details visit: http://vpuo.utoronto.ca/facilities-services-invoice-workflow-project-receives-a-caubo qp-honourable-mention-award/
University of Toronto was selected as the 2016 winner in the MASH (Municipalities, Universities, Schools and Hospitals) 1MW+ category for the inaugural Energy into Action Awards event hugely for the success of the Robarts Library Energy Reduction Project funded through the university’s internal green revolving fund better known as the Utility Reduction Revolving Fund (URRF).

Photo: John Walker, Area Manager, Utilities & Building Operations – Facilities & Services (right) accepting the award at the Energy into Action event held in October 2016.

For more details visit: http://www.fs.utoronto.ca/sustainability-office/green-champions/stories/Winning-with-Energy
The Vice-President University Operations has established the annual Staff Achievement Awards Program to recognize exceptional staff contributions to the success of their particular unit, the University Operations portfolio and the University.

The VPUO Awards event was held on August 17, 2016 and Facilities and Services proudly congratulate the following F&S staff for being one of the recipients of the 2016 VPUO awards:

- Aris Manousos (Property Management, F&S) – Outstanding Individual Award
- Freda Opassinis (Caretaking Services, F&S; retired) – Distinguished Service Award
- Ana Maria Capotosto (Grounds Services, F&S) – Distinguished Service Award
- Electrician Team Thanksgiving 2015 (Trades Services, F&S) – Outstanding Team Award (team members: Grant Gallichan, Marven Chin, Dean Hinds, Bruce Thompson, Glen Murray (now retired), San-Moon Chao, Greg Siomis, Terry Fischer and Steve Carnevale)
- Traffic Calming Phase 2 (Grounds Services, F&S and Transportation Services) – Outstanding Team Award (team members: Stan Szwagiel and Alex MacIsaac)

For more details regarding the VPUO awards and winner citations, go to: http://vpuo.utoronto.ca/2015-university-operations-award-winners-announced-at-the-first-ever-uo-than-q-bbq/
Visit the Sustainability Yearbook webpage at:
URRF Project: Robarts Library Energy Reduction Project

Robarts Library Energy Reduction Project — Occupancy Sensor Driven HVAC Control System

Project Stats at a Glance

- **Total Building Annual Energy Use Before (2013 Base Year):** 98,200 GJ
- **Total Building Annual Energy Use After:** 64,416 GJ (44% Reduction)

**Current and Cutting-Edge Technology Employed**
- Customized Occupancy Sensors (provides real-time occupancy levels)
- New BAS (Building Automation System)
- VSDs (Variable Speed Drives)
- Wireless Room Level Thermostatic Control System

- **$1 million** Project Annual Savings to Robarts
  - Verified by M&V Program and Sub-Meters
- **1.65 Years** Simple Project Payback
- **Total Project Cost:** $2.2M
- **Total Incentives Received (27%):**
  - Incentives received from Toronto Hydro & Enbridge represents 27% percent of total project cost ($335,500)
  - Net Project Cost: $1.6M

- **33,784 GJ** Total Building Annual Energy Saved Per Year
  - Compared to the Base Year
  - Based on Metered Data

- **1,221 tonnes eCO₂** Total GHG Avoidance for This Project
  - Based on Annual Electricity and Thermal Energy Saved

= 438 tons of waste sent to landfill
URRF Project:
OISE
Energy Reduction Project

OISE Building Energy Reduction Project —
Occupancy Sensor Driven HVAC Control System

Project Stats at a Glance

- Total building annual energy use before
  (2012/13 base year)
  61,046 GJ

- Total building annual energy use after
  40,501 GJ

(34% reduction)

Current and cutting-edge technology employed:

- Customized occupancy sensors
  (provides real-time occupancy levels)

- New BAS
  (building automation system)

- VSDs
  (variable speed drivers)

- Wireless room level thermostatic control system

- $520K
  Project annual savings to OISE
  verified by M&E program
  and sub-meters

- 1.6 years
  Simple project payback

- Total incentives received (35%)
  incentives received from Toronto Hydro &
  Enbridge represents 35% percent of total
  project cost ($488k)

- $780K
  Total project cost

- 20,545 GJ
  Total building annual energy
  saved per year
  compared to the base year
  based on metered data

- 920 tonnes
  eCO₂
  Total GHG avoidance for this project
  based on annual electricity use of
  average household

- 127
  CO₂ emissions from the
  annual electricity use of
  average household

- $1.2M
  Net project cost
MSB Energy Reduction Project: $4,524,000 represents the total utilities budget reduction for the Faculty in MSB from this project from April 1, 2013 to December 1, 2016.
Facilities & Services Invoice Workflow Solution

Project stats & info at a glance

F&S Invoice Workflow Project

OPTICAL CHARACTER RECOGNITION TECHNOLOGY

- eliminates key punch errors thereby creating a much higher accuracy level;
- auto-populates key utility invoice consumption data to produce customized reports facilitating comparison of key metrics

$200,000 + PROJECT ANNUAL SAVINGS

PROCESS AUTOMATION

- significantly increased productivity of over 100 staff located across the campus consisting of 30 different sub-business units

Workflow software automated the department's invoice payment process totalling approximately 25,000 invoices per year

The system offers a much better reporting functionality including the ability to generate customized reports

ROBUST SEARCH TOOL

- Definitely more efficient than trying to go through a manual filing system; increases productivity and saving valuable time and effort

Automated extraction and processing of digitized invoices received via email eliminated the printing of over 15,000 invoices = 80,000 + pages of paper saved*

* initial year savings (number goes up as more vendors opt in to deliver invoices electronically)
Excerpt:
U of T has been named one of Canada's Greenest Employers for 2015. This is the second time the University of Toronto has been honoured with this award.

Recognizing employers that "lead the nation in creating a culture of environmental awareness in their organizations," the Canada's Greenest Employers competition was launched in 2007 and is organized by the editors of the Canada's Top 100 Employers project.

In collaboration with various constituencies of the University, the Facilities & Services department within the Division of University Operations facilitates the 'Greenest Employers' application. “This award is an extremely rewarding and well-deserved recognition of the tremendous efforts being made by a large network of people who work to integrate sustainability into every facet of our organization.” said Ron Swail, Assistant Vice-President of Facilities & Services.

From the many dozen student groups, to our three sustainability offices, to the hundreds of academics engaged in research and education, to our facility departments, to our alumni network and our incubator activities where research, teaching, and creativity blend into products and services which reduce our environmental footprint, the University of Toronto is truly a leader in sustainability.”

Check the original article at http://www.hrandequity.utoronto.ca/about-hr-equity/news/2015n/uothcge2015.htm
2015 RCO Award & Certification

Formerly known as the Ontario Waste Minimization Awards, the RCO Awards is Recycling Council of Ontario’s annual showcase that celebrates and recognizes the best application of the 3Rs (reduce, reuse, recycle) in the previous calendar year.

The University of Toronto is one of the recipients of the RCO Awards - Gold level this year.

In addition, U of T also received a 3R Certification and is the first University to certify in Canada.

For more details please visit: https://rcoawards.ca/home
Congratulations to Radu Ciotirca, Senior Utilities Reduction Manager, Facilities and Services! He received the 2015 Energy Manager Excellence Award in the most recent Energy Manager Forum held in the International Centre.

The award is given to an embedded energy manager who has achieved the most in-service savings in a most recently completed term.

Radu has been an integral part of the MSB energy reduction project and OISE energy reduction project that has generated tremendous savings for the University.
2015 University Operations Awards

The Vice-President University Operations has established the annual Staff Achievement Awards Program to recognize exceptional staff contributions to the success of their particular unit, the University Operations portfolio and the University.

The inaugural VPUO Awards event was held on Tuesday, September 1st, 2015 and Facilities and Services proudly congratulate the following F&S staff for being one of the inaugural recipients of the VPUO awards:

- Patrick Brennan – Outstanding Individual Employee Award
- Stan Szwagiel – Outstanding Individual Employee Award
- Wayne Shaw – Outstanding Individual Employee Award
- Ivo Sousa – Distinguished Service Awards
- John Jankowski – Distinguished Service Awards
- Irfan Miraj and Doug Colby (Asbestos Tracker Team) – Outstanding Staff Team Award

For more details regarding the VPUO awards and winner citations, go to:
LEED Certified Buildings
U of T St. George Campus

Lassonde Mining Building – LEED Gold
Exam Centre – LEED Gold
Munk School of Global Affairs – LEED Silver
Rotman – LEED Gold