

Free Science* Events

OCTOBER 2015

*and applied-science



Please confirm the date and time of events prior to attending, as they sometimes change.

Thursday, October 1

Canadian Diabetes Association. Bernard Betel Centre.

Join the Canadian Diabetes Association in learning more about different types of diabetes, how to prevent it and what to do if you have it.

Time & location: 1:30 – 2:30 PM
Bernard Betel Centre, Synagogue, 1003 Steeles Ave. West

For more information: <http://www.betelcentre.org/event/canadian-diabetes-association>

Falling Into a Black Hole: From Spaghettification to Singularity. University of Toronto AstroTours.

Speaker: Nick Tacik. What happens when you fall into a black hole? What happens when two black holes collide? How do we know black holes really exist? What is a wormhole? Is spaghettification even a real word? In this talk, the speaker will answer all these questions, and more, about the wondrous world of black holes. Enjoy a planetarium show after the presentation (registration required).

Time & location: 8:10 PM
Lash Miller Chemical Laboratories, Room 159, 80 St. George St.

Registration for planetarium shows: <https://www.eventbrite.ca/e/october-1st-2015-uoft-astrotour-planetarium-shows-tickets-18779770800>

For more information: http://www.astro.utoronto.ca/astrotours/?page_id=392

Saturday, October 3

Fairmount Park Tree Tour & Adopt-A-Park-Tree Launch. Local Enhancement & Appreciation of Forests (LEAF).

Join LEAF's Young Urban Forest Leaders and the Beach Hill Tree Team for a tour of Fairmount Park. Get to know the various tree species in the neighbourhood and the many benefits they provide to the community. Learn about the new fruit trees and shade trees that you can help care for as part of the Adopt-A-Park-Tree program.

Time & location: Hands-on mulching event: 12 – 1 PM
Guided tree tour: 1 – 2 PM
Fairmount Park, 1725 Gerrard St. East
Meet next to the splash pad in the south west corner of the park.

Registration required: <http://www.yourleaf.org/tree-tour-registration-form>

For more information: <http://www.yourleaf.org/event/2015-10-03/fairmount-park-tree-tour-adopt-park-tree-launch>

Green Energy Doors Open.

Learn how the people of Ontario are paving the way to a cleaner and more sustainable energy economy.

Time & location: Please check website for times and locations of events.

For more information: <http://greenenergydoorsopen.ca/events-2/events-map/>

Sunday, October 4

Architecture of the Park. Sunday Walking Tours. High Park Nature.

Leader: Mark Ellwood. Walks may go on wooded trails, so please wear appropriate clothing and footwear.

Time & location: 10:30 AM – 12 PM
High Park, 200 Parkside Dr.
Meet at the benches, across the road from the south side of Grenadier Restaurant in the middle of High Park.

For more information: <http://www.highparknature.org/wiki/wiki.php?n=Explore.WalkingTours>

Ashbridge's Bay: The Natural and Human History of a Wetland. Toronto Field Naturalists.

Joanne Doucette explores the natural heritage of this wetland and how it has been altered by human use over 200 years.

Time & location: 2:30 PM
Northrop Frye Building, 73 Queens Park

For more information: <http://www.torontofieldnaturalists.org/v-lectures.htm>

Thursday, October 8

***Your Feet, Your Health.* Bernard Betel Centre.**

Join chiropodists, Theeba and Christina, in learning more about the health of your feet.

Time & location: 1:30 – 2:30 PM
Bernard Betel Centre, Synagogue, 1003 Steeles Ave. West
For more information: <http://www.betelcentre.org/event/your-feet-your-health>

Ferment Your Way to Health! The Big Carrot.

During this presentation, Stevie Klick (Registered Holistic Nutritionist) will demonstrate how you can create probiotic foods in your kitchen. She will also discuss the benefits of consuming probiotic foods.

Time & location: 7 – 8:30 PM
The Big Carrot, Room 212, 348 Danforth Ave.
For more information: [http://thebigcarrot.ca/about-us/calendar/?tx_cal_controller\[view\]=event&tx_cal_controller\[type\]=tx_cal_ph_picalendar&tx_cal_controller\[uid\]=1778&tx_cal_controller\[year\]=2015&tx_cal_controller\[month\]=10&tx_cal_controller\[day\]=08&cHash=6bb248423a5c6ef4b09fbca190f3215a](http://thebigcarrot.ca/about-us/calendar/?tx_cal_controller[view]=event&tx_cal_controller[type]=tx_cal_ph_picalendar&tx_cal_controller[uid]=1778&tx_cal_controller[year]=2015&tx_cal_controller[month]=10&tx_cal_controller[day]=08&cHash=6bb248423a5c6ef4b09fbca190f3215a)

Wednesday, October 14

***Recreational Astronomy Night.* Royal Astronomical Society of Canada – Toronto Centre.**

A monthly recreational astronomy meeting where members present their latest projects and give tutorials and tips on astronomy topics. This month's topics include: the sky this month, 12V everything do-it-yourself project and how to build your own 10-inch Chiefspiegler planet killer.

Time & location: 7:30 – 9:30 PM
Location TBA (please check website for update)
For more information: <http://rascto.ca/content/recreational-astronomy-night-18>

Thursday, October 15

***Organophosphate Ester Flame Retardants and Plasticizers in the Canadian Environment.* Earth Sciences Seminar Series. University of Toronto. Dept. of Earth Sciences.**

Speaker: Siisa Jantunen, Environment Canada.

Time & location: 12 PM
Earth Sciences Centre, Room 2093, 22 Russell St.
For more information: <http://webcan.es.utoronto.ca/research/seminars/>

Saturday, October 17

***Bird Walk.* Citizens Concerned About the Future of the Etobicoke Waterfront.**

Leader: Garth Riley. On this walk, expect to see late fall migrants and the first of the birds that will be winter residents.

Time & location: 9 – 11 AM
Colonel Samuel Smith Park.
Meet in the south parking lot, where the road ends (map: <https://goo.gl/IC9cQ1>)
For more information: http://www.ccfew.org/html/bird_walks.html

***Regent Park Tree Tour & Adopt-A-Park-Tree Launch.* Local Enhancement & Appreciation of Forests (LEAF).**

Learn how you can adopt and care for your very own park tree. Take part in a guided tree tour and learn all about the trees of Regent Park and the work of local community groups such as Friends of Regent Park and Cabbagetown ReLEAF.

Time & location: Hands-on mulching event: 10:30 – 11:30 AM
Guided tree tour: 12 – 1 PM
Regent Park, 640 Dundas St. East
Meet at the main entrance to the Aquatic Centre.
Registration required: <http://www.yourleaf.org/tree-tour-registration-form>
For more information: <http://www.yourleaf.org/event/2015-10-17/regent-park-tree-tour-adopt-park-tree-launch>

Sunday, October 18

***Autumn Splendour Photo-Buff Walk.* Sunday Walking Tours. High Park Nature.**

Leader: David Allen. Walks may go on wooded trails, so please wear appropriate clothing and footwear.

Time & location: 10:30 AM – 12 PM
High Park, 200 Parkside Dr.
Meet at the benches, across the road from the south side of Grenadier Restaurant in the middle of High Park.
For more information: <http://www.highparknature.org/wiki/wiki.php?n=Explore.WalkingTours>

See the Salmon Run in Highland Creek. Stewardship at Toronto and Region Conservation Authority.

Celebrate the annual salmon run in the Highland Creek. Join in a guided walk to see the salmon swim upstream. Meet fish and nature experts. Enjoy community event booths in the park.

Time & location: 1 – 4 PM
Morningside Park.

Registration required: Meet at the main picnic shelter near the playground in Morningside Park.
<https://cause2give.unxvision.com/P2PWeb/SmartCart/PurchaseForm.aspx?EventId=227&LanguageId=1>

Evolution of Plant Sexual Diversity: Natural History to Genomics. Royal Canadian Institute for the Advancement of Science.

Speaker: Spencer C.H. Barrett, University of Toronto. Plants exhibit unrivalled diversity in the ways they reproduce including clonal propagation, self-fertilization and mating with numerous partners simultaneously. Learn how diverse approaches from Darwinian natural history to genomics have provided novel insights into the sex lives of plants.

Time & location: 2 – 3:30 PM (doors open at 1:15 PM)
Medical Sciences Building, Macleod Auditorium, 1 King's College Circle

For more information: <http://rciscience.ca/lectures/fall-2015-lectures/>

Thursday, October 22

What Did You Mean When You Said Yoyo! Ryerson University.

Speaker: Ebrahim Bagheri, Ryerson University. The unique characteristic of Twitter, only allowing short length messages to be communicated, has brought about interesting changes to how information is expressed and communicated by the users. In this talk, the speaker will discuss how the meaning and senses of words can be captured and modeled on Twitter to enable better and more efficient search, retrieval and recommendation of content.

Time & location: 12 – 1 PM
George Vari Centre for Computing and Engineering, 245 Church St.

Registration required: Email albot@ieee.org

For more information: http://www.ryerson.ca/news/events/General_Public/20151022-speaker-ebrahim-bagheri.html

Saturday, October 24

Looking for Insects in All the Cold Places. Toronto Entomologists' Association.

Speaker: Brent Sinclair, Western University. Entomologists are familiar with field trips – going somewhere and collecting new and interesting animals to examine closely. But what happens when you are interested in insects? Live insects are a completely different story. The speaker will share some of his adventures by air, sea and land to freeze bugs across the globe.

Time & location: 1:15 PM
Victoria College, Room 206, 91 Charles St. West

For more information: <http://www.ontarioinsects.org/meetings.htm>

Sunday, October 25

The Earth Is Flat and Vaccines Cause Autism: Think About It. Royal Canadian Institute for the Advancement of Science.

Speaker: Allison McGeer, Mount Sinai Hospital. Despite the evidence that vaccines save lives and prevent illness, many believe that vaccines are dangerous and at least two Canadian universities have defended courses that suggest children should not be vaccinated. This is a discussion on why there is so much trouble interpreting and applying scientific evidence about vaccination.

Time & location: 2 – 3:30 PM (doors open at 1:15 PM)
Medical Sciences Building, Macleod Auditorium, 1 King's College Circle

For more information: <http://rciscience.ca/lectures/fall-2015-lectures/>

Monday, October 26

Edible Flowers and Herbs. North York Garden Club.

Speaker: Glenn Brunetti.

Time & location: 7:30 – 8:30 PM
The Church of St. Luke Lutheran, 3200 Bayview Ave. North

For more information: http://wx.toronto.ca/festevents.nsf/_Enclose?readForm&enclose=cureventscat/F33E43DBB92B7A7585257E0F0056EE46?OpenDocument

Tuesday, October 27

Stem Cell Transplant. Princess Margaret Cancer Centre.

Feed your mind and body as you listen to Princess Margaret Cancer Centre's physicians and researchers speak on a variety of cancer topics. Bring a lunch.

Time & location: 11:30 AM – 12:30 PM
Princess Margaret Cancer Centre, 6th Floor, Room 6-604, Auditorium, 610 University Ave.

For more information: http://www.uhn.ca/PrincessMargaret/PatientsFamilies/Patient_Family_Library/Lunch_Learn/

Wednesday, October 28

Chronic Pain: An Update on Pain Management, from Opioids to Rehabilitation. Senator David A. Croll Memorial Lecture. Bernard Betel Centre.

Speaker: Dr. Jeffrey H. Ennis.

Time & location: 1:30 – 3 PM
Bernard Betel Centre, Auditorium, 1003 Steeles Ave. West

For more information: <http://www.betelcentre.org/event/senator-david-croll-memorial-lecture>

Toronto's Astronomical Heritage. Royal Astronomical Society of Canada – Toronto Centre.

Speaker: Dr. John R. Percy, University of Toronto. In this illustrated presentation, explore our rich astronomical heritage, from the 1830s to today, as well as astronomy's connections to other sciences, society and culture.

Time & location: 7:30 – 9:30 PM
North York Civic Centre, Council Chambers, 5100 Yonge St.

For more information: <http://rascto.ca/content/speakers-night-10>

Thursday, October 29

Cardiovascular System. Healthy Body Series. Toronto General Hospital.

Learn how the heart works, risk factors for heart disease and how to prevent heart disease through nutrition and lifestyle changes.

Time & location: 1 – 2 PM
Toronto General Hospital, Peter Munk Building, 11th Floor, Room PMB 190, Astellas Conference Room, 585 University Ave.

Registration required: Call (416) 340-4800 ext. 5647 or email leah.sultan-khan@uhn.ca

For more information: http://www.uhn.ca/PatientsFamilies/Health_Information/Patient_Family_Education/Documents/TGH_health_event.pdf

Vaccines Revealed. Bernard Betel Centre.

Vaccines have been featured heavily in the news during the past year. But how are they made and how do they work? Join graduate students from the University of Toronto's Immunology Department to discuss the science behind vaccines.

Time & location: 1:30 – 2:30 PM
Bernard Betel Centre, Synagogue, 1003 Steeles Ave. West

For more information: <http://www.betelcentre.org/event/vaccines-revealed>

Weekly events

Tuesdays, October 20 & 27

Prepare Yourself! Bernard Betel Centre.

A 4-week session to increase your knowledge and awareness of basic first aid, emergency preparedness, CPR, AED training, warning signs for heart attack and stroke, and more. This program runs weekly (every Tuesday) until November 10th.

Time & location: 11:30 AM – 12:30 PM
Bernard Betel Centre, 1003 Steeles Ave. West

Registration required: Call (416) 225-2112 ext. 130 or email marial@betelcentre.org

For more information: <http://www.betelcentre.org/event/prepare-yourself>

There are also free programs at the **Toronto Public Library**.



- Science & Technology programs: <http://www.torontopubliclibrary.ca/programs-and-classes/categories/science-technology.jsp>
- Health & Wellness programs: <http://www.torontopubliclibrary.ca/programs-and-classes/categories/health-wellness.jsp>

Or have a look at the **What's On** program guide, available in branches.



Also, connect with us online and get the latest library news, event listings and librarian expertise at the **North York Central Library blog**: <http://torontopubliclibrary.typepad.com/north-york-central-blog/>