**Free Science* Events**

*and applied-science*

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

**Sunday, March 1**

**Discover the Park Through Archival Photos. Sunday Walking Tours. High Park Nature.** Master Gardener Terry Fahey narrates the story of changes in the park for the past 100 years. 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.


**Let's Talk Science. Royal Canadian Institute for the Advancement of Science.**

For children 6 – 12 years old and their families. An afternoon of hands-on activities relating to science, technology, engineering and math.

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

**For more information:** [http://royalcanadianinstitute.ca/lectures/the-winter-2015-lectures/](http://royalcanadianinstitute.ca/lectures/the-winter-2015-lectures/)

**What the *#&! is a Bioblitz? Toronto Field Naturalists.**

Toronto Zoo Programs Coordinator, Shawn Blackburn explains bioblitzes and what we learn from them.

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

**For more information:** [http://www.torontofieldnaturalists.org/v-lectures.htm](http://www.torontofieldnaturalists.org/v-lectures.htm)

**Monday, March 2**

**Wearable Tech: Privacy, Identity & Payments. We Are Wearables.**

The Office of the Privacy Commissioner of Canada will present its view on wearable technology and data. Then a panel made up of RBC, Nymi, PayPal and MaRS will discuss the opportunities and challenges in using wearable technology as a means of identity which is necessary for payments, personalization and the connection to the Internet of Things.

**Time & location:**
- 7 – 10 PM
- MaRS Discovery District, Auditorium, 101 College St.

**Registration required:** [http://www.meetup.com/Wearable-Wednesday-Toronto/events/220354086/](http://www.meetup.com/Wearable-Wednesday-Toronto/events/220354086/)

**Wednesday, March 4**

**Nuclear Power and Peaceful Nuclear Technology. This Nuclear Age Lecture Series. Science for Peace.**

Speaker: Jeremy Whitlock, Atomic Energy of Canada.

**Time & location:**
- 4 – 6 PM
- University College, Room 179, 15 King's College Circle

**For more information:** [http://www.scienceforpeace.ca/this-nuclear-age-nuclear-power-and-peaceful-nuclear-technology](http://www.scienceforpeace.ca/this-nuclear-age-nuclear-power-and-peaceful-nuclear-technology)


Speaker: Igor Lehnherr, University of Toronto at Mississauga.

**Time & location:**
- 4:10 – 6 PM
- Earth Sciences Building, Room 149 (Basement), 5 Bancroft Ave.


**Thursday, March 5**

**Gene-Environment Interactions and the Role of Big Data in Environmental Health. Environment & Health Seminar Series. University of Toronto. School of the Environment.**

Speaker: Howard Hu, University of Toronto.

**Time & location:**
- 4:10 – 6 PM
- University College, Room 179, 15 King's College Circle

**Interstellar: The Science behind the Movie. University of Toronto AstroTours.**
Speaker: Ari Silburt, University of Toronto. How accurate is the science behind the movie? Could habitable planets really orbit a supermassive black hole? Is it possible that one can enter the fourth dimension through a black hole? In this talk, the speaker will examine the science behind the movie and discuss what is possible vs. what is plausible. Enjoy a planetarium show after the presentation (registration required).

Time & location: 8:10 PM
McLennan Physical Labs, Room 102, 60 St. George St.
Registration for planetarium shows:

**Tuesday, March 10**

Speaker: Zicheng Yu, Lehigh University.

Time & location: 3:30 PM
Galbraith Building, Room 119, 35 St. George St.

**Wednesday, March 11**

**Health, Uranium Mining, Managing Fissile Materials. This Nuclear Age Lecture Series. Science for Peace.**
Speaker: Richard Denton, Northern Ontario Medical School.

Time & location: 4 – 6 PM
University College, Room 179, 15 King’s College Circle
For more information: [http://www.scienceforpeace.ca/this-nuclear-age-health-uranium-mining-managing-fissile-materials](http://www.scienceforpeace.ca/this-nuclear-age-health-uranium-mining-managing-fissile-materials)

Speaker: Sean Tulin, York University. In the Universe, about 15% of the matter is made of atoms, while about 85% is dark matter. The gravitational collapse of dark matter into a network of halos and filaments provides the cosmic foundation for all structure in the Universe to form. However, we have no idea what dark matter particles actually are, nor what their mass is, nor what interactions they may have. Dr. Tulin will discuss what is the evidence for dark matter, as well as his own research into how astronomy and particle physics can come together to solve this cosmic mystery.

Time & location: 7:30 – 10 PM
Ontario Science Centre, Imperial Oil Auditorium, 770 Don Mills Rd.
For more information: [http://rascto.ca/content/speakers-night-6](http://rascto.ca/content/speakers-night-6)

**Thursday, March 12**

**Optimizing the Doctor-Patient-Caregiver Relationship: Five Conversations That Can Help Improve Communication and Care for Elderly Patients. Noon-Hour Seminars. University of Toronto. The Institute for Life Course and Aging.**
Speaker: Raza Mirza, University of Toronto. Come and listen to the latest developments in aging and end-of-life issues. Feel free to bring your lunch.

Time & location: 12 – 1 PM
The Institute for Life Course and Aging. 4th Floor Classroom, 263 McCaul St.
Registration required: Email aging@utoronto.ca

Speaker: Dayna Nadine Scott, Osgood Hall Law School & Gus Van Harten, Osgood Hall Law School.

Time & location: 4:10 – 6 PM
University College, Room 179, 15 King’s College Circle

**Sunday, March 15**

**My Favourite Trails. Sunday Walking Tours. High Park Nature.**
City Councillor and High Park resident Sarah Doucette reveals her special park places. 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.
Wednesday, March 18

*Nuclear Energy’s Future: Its Safety and Environment.* This Nuclear Age Lecture Series. Science for Peace.
Speaker: John Luxat, McMaster University.
Time & location: 4 – 6 PM
University College, Room 179, 15 King’s College Circle

Thursday, March 19

*Eating with the Seasons.* Bernard Betel Centre.
Join nutritionist, Jaime Slavin to learn about the health benefits of eating seasonally. Our bodies are naturally in sync with the earth’s seasonal changes, however, over time we have lost some of our connection. This workshop will highlight how to prepare, cook and select foods best suited for your health and wellbeing during the four seasons. Focus will be placed on spring eating.
Time & location: 1:30 – 2:30 PM
Bernard Betel Centre, Synagogue, 1003 Steeles Ave. West
For more information: [http://www.betelcentre.org/event/eating-seasons](http://www.betelcentre.org/event/eating-seasons)

*Put Away Your Research and Talk to Your Neighbour: Why Talking is Vital to Building a Greener Toronto.* Environment & Health Seminar Series. University of Toronto. School of the Environment.
Speaker: Franz Hartmann, Toronto Environmental Alliance.
Time & location: 4:10 – 6 PM
University College, Room 179, 15 King’s College Circle

Saturday, March 21

*Bird Walk.* Citizens Concerned About the Future of the Etobicoke Waterfront.
Leader: Don Burton.
Time & location: 9 – 11 AM
Colonel Samuel Smith Park.
Meet in the south parking lot, where the road ends (map: [http://goo.gl/IC9cQ1](http://goo.gl/IC9cQ1))

*Repair Café.*
There will be volunteer fixers available for computers, electronics, small appliances, clothes, jewellery and books, among others. Bring your items that need to be fixed. To give the fixer sufficient time to examine your item, please be sure to arrive before 1 PM.
Time & location: 10 AM – 2 PM
Skills for Change, 2nd Floor, 791 St. Clair Ave. West
For more information: [http://repaircafetoronto.ca/events/](http://repaircafetoronto.ca/events/)

Monday, March 23

*Depression in the Elderly: A Diagnosis Not to Be Missed.* Speaker Series. Sunnybrook Health Sciences Centre.
An evening discussion on depression in the elderly. Leading experts from Sunnybrook’s Department of Psychiatry will discuss an overview of typical features and risk factors of depression, antidepressants and other options, and the troubling relationship between depression and dementia. Free parking in Garage One.
Time & location: 6:30 – 8:30 PM
Sunnybrook Health Sciences Centre (Bayview Campus), E Wing Ground Floor, McLaughlin Auditorium, 2075 Bayview Ave.
Registration required: Call (416) 480-4117 or email speaker.series@sunnybrook.ca or visit [http://sunnybrook.ca/calendar/event.asp?e=930&m=&page=33990](http://sunnybrook.ca/calendar/event.asp?e=930&m=&page=33990)

Tuesday, March 24

Speaker: John Seinfeld, California Institute of Technology.
Time & location: 3:30 PM
Galbraith Building, Room 119, 35 St. George St.
Wednesday, March 25

**IPCC Climate Change 2014 – Mitigation of Climate Change. Environment Seminar Series. University of Toronto. School of the Environment.**

Speaker: Ellie Farahani, Potsdam Institute for Climate Impact Research, Germany. The speaker will summarize the main findings from the United Nations Intergovernmental Panel on Climate Change Working Group III.

**Time & location:**
4:10 – 6 PM
Earth Sciences Building, Room 149 (Basement), 5 Bancroft Ave.

**For more information:**

**Alternative Energy: Finance, Environment, Health. This Nuclear Age Lecture Series. Science for Peace.**

Speaker: José Etcheverry, York University.

**Time & location:**
4 – 6 PM
University College, Room 179, 15 King’s College Circle

**For more information:**

Thursday, March 26

**Exercise and Older Adults. Noon-Hour Seminars. University of Toronto. The Institute for Life Course and Aging.**

Speaker: Parambir Keila, University of Toronto. Come and listen to the latest developments in aging and end-of-life issues. Feel free to bring your lunch.

**Time & location:**
12 – 1 PM
The Institute for Life Course and Aging. 4th Floor Classroom, 263 McCaul St.

**Registration required:**
Email aging@utoronto.ca

**For more information:**

Saturday, March 28

**Lights OFF Universe ON. University of Toronto.**

Enjoy telescope observing sessions, planetarium shows, astronomy studies and exhibits, and a chance to chat with U of T astronomers. Also, there will be a public talk by the Dunlap Institute’s new director, Bryan Gaensler. The talk is titled *How the Universe Will Get Us in the End.*

**Time & location:**
6 – 10 PM
Earth Sciences Building, 33 Wilcocks St.

**For more information:**

Tuesday, March 31


Speaker: Anna Agathangelou, York University.

**Time & location:**
12:30 – 2 PM
Norman Bethune College, Room 320 (Paul A. Delaney Gallery), 170 Campus Walk, York University (Keele Campus)

**For more information:**
[http://www.yorku.ca/sts/undergraduate/seminars.html](http://www.yorku.ca/sts/undergraduate/seminars.html)

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

- **Science & Technology programs:**
- **Health & Wellness programs:**
  [http://www.torontopubliclibrary.ca/programs-and-classes/categories/health-wellness.jsp](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:**

North York Central Library, Science & Technology Department