

science



## Dean's Round-up: April 2018

### Faculty Highlights



The Faculty of Science [2017 Annual Review](#) is now online! Print copies were distributed to all of the departments. For additional copies, please contact **Communications Manager Margaret Mroziewicz**.



The Faculty of Science and Fermilab announced the [joint appointment](#) of **Deborah Harris** to the Deep Underground Neutrino Experiment. The announcement, made at Fermilab, was attended by Governor General of Canada Julie Payette, officials from Fermilab, and York's Dean of Science Ray Jayawardhana.



Jennifer Chen (Chemistry) stars in



York Science Communicator in

the latest Did YU Know video, [Did you know butterflies are nanotechnologists?](#)

Watch this video and more on the [DID YU KNOW channel](#).

Residence **Matt McGrath** co-hosted a [science communication workshop](#) with colleague Alok Jha, author and former science correspondent at *The Guardian*. The sold-out event also included presentations from freelancer Jenny Carpenter, *Metro News* reporter Genna Buck and *The Globe and Mail* science reporter Ivan Semeniuk.

## Congratulations

**Cora Young** (Chemistry), **Ryan Hili** (Chemistry), **John McDermott** (Biology), and **Gary Sweeney** (Biology) received [awards](#) from the Canadian Foundation for Innovation's (CFI) John R. Evans Leaders Fund (JELF).

**Ryan Hili** (Chemistry) and **Jean-Paul Paluzzi** (Biology) received [Early Researcher Awards](#) from the Ontario Ministry of Research, Innovation and Science.

**Hélène Mialet** (Science & Technology Studies) was named a Berggruen Fellow at the University of Southern California. She will be working in the Berggruen Institute Philosophy + Culture Center's "Transformation of the Human" program.

## Other News

The research paper "[Chronic exposure to neonicotinoids reduces honey bee health near corn crops](#)," published in 2017 by **Amro Zayed** (Biology) and his team, is now listed as a "highly cited paper" and a "hot paper" (data from Web of Science).

**Wendy Taylor** (Physics & Astronomy) and her graduate students **Wen-Yi Song** and **Ana Maria Rodriguez** participated in the Cultural Collisions exhibition at the Ontario Science Centre.

**Huaiping Zhu** (Mathematics & Statistics) co-organized the third "International Conference on the Dynamics of Differential Equations" at Hiroshima University.

**Chris Lortie** (biology) presented a [public talk](#) for the RMeetUp community on

how open coding is an important form of literacy to empower people and promote social good.

Graduate student **Samantha Stefanoff** (Biology, supervised by Sapna Sharma) published "[Phytoplankton and benthic algal response to ecosystem engineers and multiple stressors in the nearshore of Lake Huron](#)" in the *Journal of Great Lakes Research*.

## Media

**Scott Menary** (Physics & Astronomy) spoke to VICE's [Motherboard](#) about the ALPHA Collaboration's most precise direct measurement of antimatter ever made.

**Paul Delaney** (Physics & Astronomy) spoke about the Tiangong-1 de-orbit, TESS launch and recent Gaia data release with numerous media outlets, including *Global TV*, *CTV News*, *CFRB 1010*, *AM640*, and *Sirius XM*.

[Hospital News](#) highlighted research by **Seyed Moghadas** and PhD student **Sara Maghdoori** (Mathematics & Statistics) on strategies for reducing the spread of *C. difficile* in hospitals.

## Upcoming events

**May 12:** Science Rendezvous in Markham: <http://science.yorku.ca/community-alumni/community-outreach/science-rendezvous/>