



**MAY 1, 2017**

## INSIDE THIS ISSUE

- Message from the Chair
- Macallum Lecture & FIP
- Honours & Awards
- Alex Trebek Forum Dialogue
- U of T Salutes Event
- Physiology Research Day 2017
- News from GASP

## MESSAGE FROM THE CHAIR

I am looking forward greatly to the **Macallum Lecture and the FIP Keynote Lectures** to be delivered next week by Dr. Catherine Dulac a world leader in molecular neurobiology. Dr. Dulac and her group at the Howard Hughes Medical Institute are investigating the nature and function of hypothalamic centers that govern the specificity of social behavioral responses. In particular, they are exploring the genomic imprinting in the brain, and the role of this mode of epigenetic modification in brain development and adult brain function. Dr. Dulac will be presenting two lectures as follows:-

**Macallum Lecture: Monday May 8<sup>th</sup>, 3 pm**, JJR Macleod Auditorium, Faculty of Medicine. Reception to follow. [More information](#)

**Frontiers in Physiology (FIP) Keynote Lecture: Tuesday May 9<sup>th</sup>, 11:35 am**, JJR Macleod Auditorium, Faculty of Medicine. [More information \(FIP\).](#)

Hope to see all members of the department at these two important events.

Best wishes.

**Graham L. Collingridge**, FRS, FMedSci, FRSB, FBPhS  
Ernest B. and Leonard B. Smith Chair  
Department of Physiology

## ARCHIBALD BYRON MACALLUM LECTURE


**Monday May 8, 2017**

<http://www.physiology.utoronto.ca/event/macallum-lecture-2017>

We are delighted that Dr. Catherine Dulac from the Howard Hughes Medical Institute at Harvard University will be delivering this year's Macallum Lecture on **Monday May 8<sup>th</sup>, 2017**, 3 pm in the JJR Macleod Auditorium . Please see poster below for full details.


A reception will follow the lecture in the Macleod Lobby

See you all there!



**Archibald Byron Macallum Lectureship**

Monday, May 8, 2017 - 3:00 p.m.  
Macleod Auditorium  
Faculty of Medicine  
University of Toronto  
Medical Sciences Building,  
1 King's College Circle, Room 2158



**Professor Catherine Dulac**  
Higgins Professor of Molecular and  
Cellular Biology  
Howard Hughes Medical Institute  
Harvard University

Title: Molecular and Neural Architecture  
of Social Behavior Circuits

\*\*\*Eligible for the 1000/2000 Seminars In Physiology Course\*\*\*

Alumni reception to follow - ALL WELCOME

 Physiology  
UNIVERSITY OF TORONTO

# 37th Annual Frontiers in Physiology Research Symposium (FIP)

**Tuesday May 9, 2017**

<http://sites.utoronto.ca/gasp/pages/fip.html>

FIP is the department's largest symposium dedicated to showcasing graduate student research. It unites all 140+ graduate students from across the four platforms and various research institutes across Toronto. Don't miss the opportunity to view the ongoing research in our Department!

## **FIP Schedule:**

Time	Description	Location
8:00 AM – 9:00 AM	Registration & Light Breakfast	Lobby of JJR Macleod Auditorium
9:00 AM – 9:15 AM	Opening Remarks	JJR Macleod Auditorium
9:15 AM – 10:10 AM	Oral Presentation <sup>1</sup> Session 1	JJR Macleod Auditorium
10:10 AM – 10:20 AM	Refreshments Break	Lobby of JJR Macleod Auditorium
10:20 AM – 11:20 AM	Poster Presentation Session 1	Naylor Student Commons <sup>2</sup>
11:20 AM – 11:30 AM	Break	
11:30 AM – 11:35 AM	Special Research Presentation (CReATe Fertility Centre)	JJR Macleod Auditorium
<b>11:35 AM – 12:35 PM</b>	<b>FIP Keynote Lecture by Dr. Catherine Dulac</b>	<b>JJR Macleod Auditorium</b>
12:40 PM <i>sharp</i>	Departmental Photo	MSB Front Steps <sup>3</sup>
12:50 PM – 1:20 PM	Lunch & Vendor Displays <sup>4</sup>	Naylor Student Commons <sup>2</sup>
1:20 PM – 2:20 PM	Poster Presentation Session 2	Naylor Student Commons <sup>2</sup>
2:20 PM – 2:30 PM	Break	
2:30 PM – 3:40 PM	Oral Presentation <sup>1</sup> Session 2	JJR Macleod Auditorium
3:40 PM – 3:50 PM	Refreshments Break	Lobby of JJR Macleod Auditorium
3:50 PM – 4:45 PM	Oral Presentation <sup>1</sup> Session 3	JJR Macleod Auditorium
4:45 PM – 5:05 PM	PI Power Talks <sup>5</sup>	JJR Macleod Auditorium
5:05 PM – 6:35 PM	FIP Reception: FIP Awards Ceremony	Naylor Student Commons <sup>2</sup>

<sup>1</sup>Oral Presentation Sessions 1 and 3 will feature 4 presentations each, while Oral Presentation Session 2 will feature 5

<sup>2</sup>Naylor Student Commons: formerly known as the Medical Sciences Building (MSB) Stone Lobby

<sup>3</sup>Facing King's College Circle

<sup>4</sup>Vendor booths will be on display throughout the day

<sup>5</sup>Department of Physiology's four platform heads will highlight outstanding achievements and research in their respective platforms over the past year

## HONOURS & AWARDS

Congratulations to **Dr. Christopher Perumalla** -Department of Physiology / Division of Teaching Labs on being awarded the 2016-17 Faculty of Medicine's Undergraduate Faculty Teaching Award, for **Sustained Excellence and Innovation in Life Sciences Education**. The award will be presented at the 15th Annual Education Achievement Celebration on May 15th, 2017.

## ALEX TREBEK FORUM DIALOGUE

Congratulations to our Chair, **Graham Collingridge**, who has been invited to speak in Ottawa on May 4<sup>th</sup> at the **Alex Trebek Forum Dialogue**. Many of course will know of Alex Trebek from television's popular show "Jeopardy"!

Click on link for all the exciting details: <https://www.uottawa.ca/alumni-week/content/alex-trebek-forum-dialogue>

**About the Alex Trebek Forum for Dialogue**

## U of T Salutes!

[https://www.utoronto.ca/news/u-t-salutes-top-researchers?utm\\_source=Bulletin&utm\\_medium=Email&utm\\_content=News&utm\\_campaign=eViews](https://www.utoronto.ca/news/u-t-salutes-top-researchers?utm_source=Bulletin&utm_medium=Email&utm_content=News&utm_campaign=eViews)

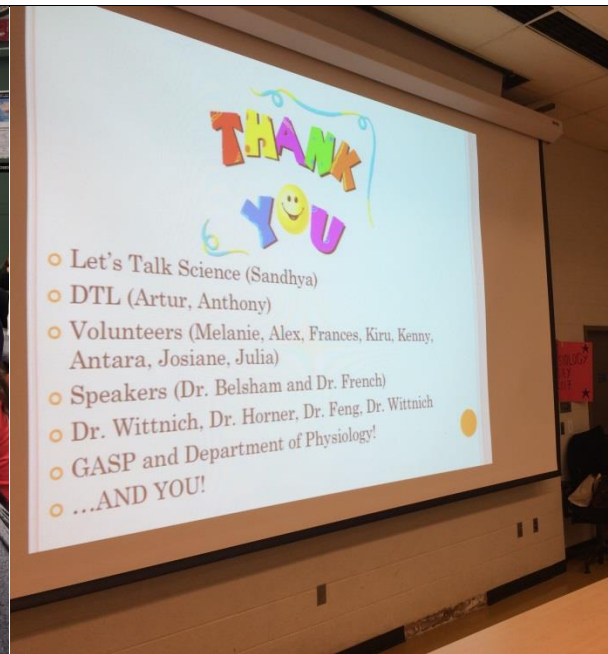
Recognized for their world-class research by institutions near and far, University of Toronto researchers were honoured on by the university on March 6<sup>th</sup>.

The **U of T Salutes! event**, held in a packed room at the Faculty Club, recognized more than 100 scholars across the university who received international and major national research accolades in 2016, from Killam Research Fellows to Orders of Canada, the Basser Global Prize to the Plutarch Award.

Among those in attendance was **Dr. Patricia Brubaker**, who was inducted as a Fellow of the Royal Society of Canada (November 18, 2016 in Kingston, ON).

## PHYSIOLOGY DAY 2017

On Thursday, April 13<sup>th</sup>, over 80 high school students visited the department of Physiology to partake in the 8<sup>th</sup> annual Physiology Day event. Organized by graduate student Ashkan Salehi, the event allowed students from 10 high schools across the GTA to perform interactive labs. Students isolated their own DNA, performed a "DNA crime-scene" investigation, and studied the effect of exercise on their respiratory and cardiovascular systems. During lunch, Drs. Belsham, Horner, Wittnich, Feng and French joined the students for a Q&A session. The event was a great success, with students and teachers requesting an increase in number of admissions for next year's event. A sincere thank you is extended to all participating faculty, graduate students, and administrative personnel for making this day possible.



Ashkan Salehi  
GASP Outreach Coordinator  
MSc. Candidate,  
Belsham Lab

## NEWS FROM GASP

GASP has had a very successful and fun March and April (see pictures below). Let's keep the momentum going.





### **GASP's Presentations 101 + Q&A**

**Special Guest: Dr. Milton Charlton**

**WHEN:** Tuesday, May 2<sup>nd</sup>, 5:30pm

**WHERE:** MSB seminar room, 3227

**QUESTIONS?** [mel.markovic@mail.utoronto.ca](mailto:mel.markovic@mail.utoronto.ca)

### **Friday Night Jazz at Ripley's Aquarium (Sharks After Dark)**

**WHERE:** Ripley's Aquarium (288 Bremner Blvd)

**WHEN:** Friday, May 12<sup>th</sup>, 7pm

**COST:** \$15 for PSL students / \$17 for guests

**RSVP:** [scott.frendo.cumbo@mail.utoronto.ca](mailto:scott.frendo.cumbo@mail.utoronto.ca)

### **PSL's Booth at Science Rendezvous**

Celebrate Canada's 150 years of Science at Science Rendezvous, and drop by PSL's booth

**WHEN:** May 13<sup>th</sup>, 11:00 am- 5:00 pm

**WHERE:** St. George Street

### **ARE YOU A TA?**

If so, you may receive health benefits through CUPE 3902. Join us at PSL's health plan info session to learn what and how to make claims.

**When:** Thursday, May 18<sup>th</sup>, 5:30 PM

**Where:** TBD

**QUESTIONS?** [shahin.khodaei@mail.utoronto.ca](mailto:shahin.khodaei@mail.utoronto.ca)

### **Off-Campus Coffee Break**

**WHERE:** Ted Rogers Center for Heart Research

**WHEN:** Thursday, May 18<sup>th</sup> at 3 pm

Join us for **FREE** Coffee and Timbits. Stay tuned for more info.

### **Hiking**

**WHERE:** The Scarborough Bluffs

**WHEN:** Saturday, June 3<sup>rd</sup>, time TBA

Transportation and snacks will be included.

Details to follow shortly

To sign up, or for more info,

Email [frances.wong@mail.utoronto.ca](mailto:frances.wong@mail.utoronto.ca)

### **McCallum Lecture**

*Molecular and Neural Architecture of Social Behavior Circuits*

Dr. Catherine Dulac

**WHEN:** Monday, May 8<sup>th</sup>, 3 pm

**WHERE:** JJR Macleod Auditorium

*Reception to follow*

### **Let's Talk Science- Physiology Day**

On April 13<sup>th</sup> GASP and Let's Talk Science taught Gr.11 students all about human physiology. Thank you to our graduate student volunteers, the faculty, and Division of Teaching Labs.

### **GASP has a secret!!**

Have you guessed our secret yet?....Join us at the FIP reception, May 9<sup>th</sup>, to find out what we are hiding!

### **FIP Website**

Check out our FIP website:

<https://uoftfip.github.io/>

Search abstracts, find the schedule, and more

### **The 37th Annual Frontiers in Physiology (FIP)**

**WHEN:** Tuesday May 9<sup>th</sup>, 2017.

The full-day program includes: our keynote lecture, oral and poster presentations by our trainees, departmental photo, lunch, refreshments, and an awards reception featuring the surprise unveiling.

This year's Keynote Lecture, titled "**Parental Influences of the Adult and Developing Brain**", will be presented by **Dr. Catherine Dulac**, HHMI Investigator and Chair of the Department of Cellular and Molecular Biology at Harvard University.

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**We want to hear about the great things happening in Physiology.**

Please share your accomplishments, awards...  
Send news items to the Chair's Office  
c/o e.katsoulakos@utoronto.ca