

# PhysioLINK

January 28, 2021

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## MESSAGE FROM THE CHAIR

### Welcome to a New Year!

I hope this message finds everyone well. This year promises to be exciting as we honour our history with the [Insulin 100 Celebrations!](#) Faculty recruitments will also play a major role in 2021 as we seek to hire outstanding individuals to the department. Current faculty opportunities are posted on [Physiology's Website](#).

For those wishing to add a little Physiology and U of T to their virtual calls, a series of [Zoom Backgrounds](#) are now available!

Thanks everyone for your continued efforts to keep us healthy and safe.

**Scott P. Heximer, PhD**

Ernest B. and Leonard B. Smith Chair,  
Department of Physiology

# PHYSIOLOGY SEMINAR SERIES - Tomorrow!

IN COLLABORATION WITH THE [PAN AMERICAN NEUROENDOCRINE SOCIETY \(PANS\)](#)  
DISTINGUISHED LECTURESHIP

*~ Eligible for PSL1000H/PSL2000H/PSL4000Y Course Seminar Attendance ~*

## **“Estrogens, estrogen receptors and sexual behavior in primates: Is it all in our heads?”**

DATE: **Friday** January 29, 2021

TIME: 12:00PM Eastern Time (US and Canada)

### **Speaker: Professor Jon E. Levine**

Director of the Wisconsin National Primate Research Center,  
Professor, Department of Neuroscience at the University of Wisconsin-Madison.


Website for more info on the research: <https://primate.wisc.edu/our-science/our-scientists-and-research-labs/jon-levine-phd/>

### **Join Zoom Webinar:**

<https://us02web.zoom.us/j/85030920902?pwd=Qy9WWUhjb2ExbmImZjdkVi9SUGFzUT09>

Passcode: 752289

### **Chat rooms after the seminar at 1 pm:**

1. Dr. Jon Levine, University of Wisconsin, will answer any further questions after his talk in the main seminar room for those that would like to join. We will ask those staying to join via video/audio after the seminar ends.
2. Dr. Richard Mills, Stoelting Co., Neuroscience and  ANY-maze Divisions, will present novel protocols and instruments to assess brain responses and behaviour. Stoelting is a leading company since 1886 with major product lines all related to neurophysiological, psychological, and psychophysiological measurement of brain function. Info on: <https://www.stoeltingco.com/neuroscience.html>  
Zoom link for this chat room: <https://us02web.zoom.us/j/81157436914?pwd=azZKQmtNY1FXUkZuN21ZRndEZmtmUT09>  
Meeting ID: 811 5743 6914 Passcode: 384529

Hosted by Denise Belsham, President PANS, <https://paneuroendo.org>

## PHYSIOLOGY SEMINAR SERIES – Upcoming Seminar!

*~ Eligible for PSL1000H/PSL2000H/PSL4000Y Course Seminar Attendance ~*

### "Therapeutic Vascularization for Tissue Regeneration"

DATE: February 11, 2021

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TIME: 4:00pm–5:00pm

#### **Speaker: Professor Sara Vasconcelos**

Scientist, Division of Experimental Therapeutics, at the Toronto General Hospital Research Institute, University Health Network and an Assistant Professor at the Institute of Biomaterials and Biomedical Engineering and the Department of Laboratory Medicine and Pathobiology at the University of Toronto.

Lab website for more information: <http://www.vasconceloslab.com/xyz>

Join Zoom Webinar: <https://zoom.us/j/97976201289>

Hosted by the Ian Rogers Lab

## HONOURS & AWARDS



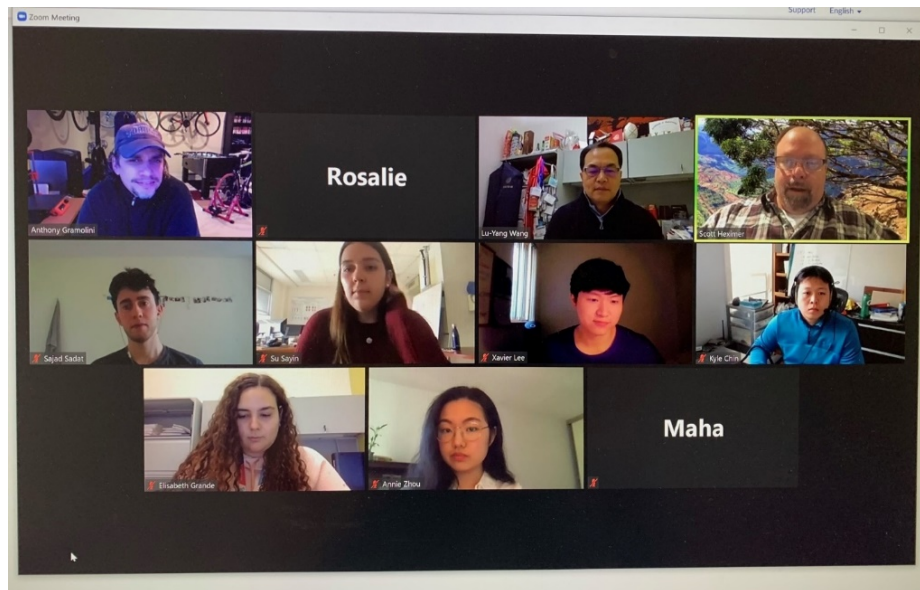
Congratulations to **Dr. John R.G. Challis** on his appointment as Officer of the Order of Canada. A great honour for our former Chair (1995-2000)! [Full story](#)



Congratulations to **Hattie Liu**, Lab Technician, Horner Lab, on receipt of the 2020 Service in a Laboratory Research Environment Award, one of the Temerty Medicine Staff Impact Awards. [Full story](#)

## NEW GRADUATE STUDENTS ORIENTATION

A warm welcome our new graduate trainees (4MSc and 1 PhD) who started their Graduate Program this month. It was great to meet everyone at the Zoom Orientation held on January 18<sup>th</sup>.



## NEW Faculty Member

We are delighted to welcome **Dr. Sean Hill** as Physiology's newest status-only faculty member effective January 1<sup>st</sup>, 2021!



Dr. Sean Hill is inaugural Director of the Krembil Centre for Neuroinformatics at the Centre for Addiction and Mental Health in Toronto, Canada. He is also titular professor at Ecole Polytechnique Fédérale de Lausanne, Switzerland. His background is in Computational Neuroscience and following post-doctoral studies in San Diego and Wisconsin, he joined the Computational Biology team at IBM Research. He has led the development of multiple large-scale neuroinformatics infrastructures and initiatives, in the Blue Brain Project, European Human Brain Project, and served as the Executive and Scientific Director of the International Neuroinformatics Coordinating Facility in Stockholm. His research is focused on the cellular basis of brain states, with a focus on thalamocortical circuitry. He has developed numerous large-scale models of cortical and corticothalamic systems during wakefulness, sleep and anesthetic conditions, which have contributed to our understanding of the cellular and synaptic mechanisms underlying diverse brain states.

<https://www.physiology.utoronto.ca/faculty/sean-l-hill>

## PODCASTS



### Membrane Proteomic Profiling of the Heart

Jan 22nd, 2021 by ajphearteditor

**What are the latest technological advances for studying cell membrane proteins?** Podcast host Lisandra de Castro Brás (East Carolina University) interviews lead author **Tony Gramolini** (University of Toronto) and expert Sarah Parker (Cedars-Sinai Medical Center) about the latest Review by Lee et al, which outlines challenges in the development of heart disease therapies related to the limited number of functional target proteins in cell surface receptors.

[Listen to podcast HERE](#)

## GASP News

### Warm Clothing Drive

GASP would like to thank the physiology community for contributing to our clothing drive to **#KeepTorontoWarm!** Thanks to your support, we were able to drop off ten large bags of warm clothes to [New Circles Clothing Bank](#) shortly before the holidays. We could barely fit all of the donations in the car we transported them in, which is the best kind of problem to have for an initiative like this! Together we have helped to make life just a little bit easier for our neighbours around Toronto.

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*Stay safe everyone!*

[Please continue to visit the central COVID-19 hub  
for the U of T community](#)

