

# The 2018 Saltin International Graduate Course in Exercise & Clinical Physiology

September 24 – 27, 2018

Blue Mountain Inn Resort

The Blue Mountains, Ontario, Canada

www.bluemountain.ca

## 4-Day Intensive Advanced Graduate-Level Course

This graduate course focuses on the integrated physiological responses to exercise and covers aspects and methods from the molecular to organ system and whole body levels. Bengt Saltin (1935-2014) was an eminent scientist and educator whose work contributed significantly to advancing knowledge of muscle metabolism, the regulation of circulation and the mechanisms underlying the adaptation to exercise training. This course has been named in his honor and follows in the footsteps of similar intensive graduate training courses in Scandinavia and Canada. The course is taught by a number of internationally recognized Canadian and Danish scholars who will participate throughout the course to allow for formal and informal discussions on topical areas, research approaches and professional development.

The 4-day intensive course combines faculty lectures, student poster sessions, discussion groups, keynote lectures and various informal faculty-student interactions. A unique aspect of this course is the opportunity for students to interact with leaders and peers in the field through one-on-one and small group settings. The course aims to expose students to a broad array of topics, experimental approaches, pan-national and international perspectives on the field, and foster student networks and collaborations between research groups. Student research poster presentations will be evaluated by the course faculty, which can be part of graduate [Course credit](#).

## 2018 TOPICS

- Adaptations to Exercise Training- Gene to Whole Body
- Exercise Mimetics
- Novel Approaches to Treat and Prevent Obesity
- Food, the Gut and Training
- Exercise and Brain Health
- Sex/Gender Differences in Exercise
- The Oxygen Cascade
- Exercise and Clinical Populations
- Careers, Professional Training, Future Directions in Exercise Physiology

## ELIGIBILITY

Students from the Master's to PhD level with a relevant background are welcome to register. Enrollment is limited to 40 students.

Course Credit:  
3 Credits; 3.5 ECTS

## Travel & Accommodation

Acceptance into the course includes accommodation and meals. Students from sponsoring universities should verify with their home department supervisor if they are eligible to register and qualify to be sponsored. There is no course fee, but students must arrange their own travel. Students from non-sponsoring universities must cover their own [fees](#) for travel, accommodation and meals.

### Sponsored by:



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