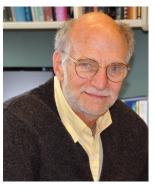


TUESDAY, OCTOBER 23, 2012 2:00 - 3:30 PM

William G. Davis Computer Research Centre (DC) Room 1302 University of Waterloo



## DR. MICHAEL ROSBASH

2012 Canada Gairdner Laureate

Investigator, Howard Hughes Medical Institute Professor of Biology, Brandeis University

Michael Rosbash has been instrumental in revealing the molecular basis of circadian rhythms, the built-in biological clock that regulates sleep and wakefulness, activity and rest, hormone levels, body temperature, and other functions. Using the fruit fly Drosophila, he identified genes and proteins involved in regulating the clock and proposed a theory of how the clock works. Rosbash's discoveries could ultimately lead to the development of drugs to treat insomnia, jet lag, and other sleep disorders.

**CIRCADIAN RHYTHMS:** 

## RESERVE YOUR SEAT BY FRIDAY, OCTOBER 19

uwaterloo.ca/applied-health-sciences/events/gairdner-lecture-university

You are also welcome to attend Dr. Rosbash's high school student lecture - Circadian rhythms: Time travels - on Tuesday, October 23 from 10:30 - 11:30 am in DC Room 1302

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Info: Pamela Hurvid, ahsinfo@uwaterloo.ca, 519-888-4567 ext. 36220

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