











# **ATOC 100: Extreme-Weather and Climate-Change Physics**

Offered in the Winter of 2016 (Tuesday, Thursday; 2:30-4:00 PM) to U0 Science students

## **Topics covered will include:**

#### **Extreme Weather**

- Tropical cyclones
- •Ice storms
- Tornadoes
- •Flash floods
- Blizzards

**Weather Models** 





### **Climate Phenomena**

- •Global warming
- Heat waves
- Cold waves
- Droughts
- •The 2014-15 extreme winter

#### **Climate Models**

Prerequisites

MATH 141, or equivalent (co-requisite)

PHYS 101, or equivalent

For further information, contact Professor John Gyakum; john.gyakum@mcgill.ca