

# Information Session on Graduate Studies

Department of Computer Science  
University of Western Ontario

November 3, 2017

# Plan

① Overview

② Graduate School of Computer Science at Western

# Objectives

- ① Give a brief presentation of our graduate school

`http://www.csd.uwo.ca/current\_students/graduate\_students/index.html`

- ② Answering your questions like *why going to graduate school?*
- ③ What you may not know:
  - Graduate school comes in different flavors
  - Financial support
  - Industry internship opportunities
  - ...

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# Computer Science Department: Staff

## Administration

Department Chair (acting): Dr. Hanan Lutfiyya

Assistant to the Chair: Dianne McFadzean

Graduate Chair: Dr. Marc Moreno-Maza

Graduate Program Assistant: Janice Wiersma

Undergraduate Chair (acting): Dr. Mahmoud El-Sakka

Undergraduate Assistant: Cheryl McGrath

## Office Staff

- Janice Wiersma (graduate assistant)
- Cheryl McGrath (undergraduate assistant)
- Dianne McFadzean (assistant to the chair)

## System Group

- Gary Molenkamp (System Administrator)
- Art Mulder (Web Manager / Software Specialist)
- Jeff Shantz (Manager, Technology and Computing Services)
- Hisham Shoblaq (Client Support Specialist)

# Computer Science Department in Numbers

## Statistics

- 23 faculty members + 1 full-time lecturer
- 134 graduate students (increase by 25 w.r.t. 2016-2017)
- A research intensive department covering a large spectrum of areas
- Good contacts with industry (in particular through MITACS and with IBM, Microsoft, Maplesoft, ...)

# Computer Science Department: Research Areas

## Research areas

- Artificial intelligence
- Bioinformatics
- Computer algebra
- Data analytics
- Distributed systems
- Software engineering
- Vision and image processing
- Theoretical computer science

# Computer Science Department: Facilities

## For graduate students

- Grad student/faculty offices:
  - Middlesex College: 3rd, 4th floors, part of 2nd floor and basement
- Access to all undergraduate labs (Middlesex College basement, 2nd,3rd floors)
- All graduate students receive office space and computer
- Graduate lounge: MC 312



# Graduate school: opportunities

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<https://www.sharcnet.ca/my/front/>
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  - Compute Canada <https://www.computecanada.ca/>
- ② Do real research
- ③ Do industry internships within a real research project
  - MITACS internships <https://www.mitacs.ca/>
  - IBM CAS internships  
<https://www-01.ibm.com/ibm/cas/canada/>

# Graduate school: opportunities

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  - MITACS internships <https://www.mitacs.ca/>
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- 4 Build connections:
  - Attend conferences <http://2017.hpcs.ca/>
  - Do internships abroad <https://www.mitacs.ca/en/programs/globalink/globalink-research-internship>

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- Research: an opportunity to **contribute to knowledge**
- CS is a young field with new topics emerging every year.

# Scholarships

- Canada Graduate Scholarships-Masters Program  
[http://www.nserc-crsng.gc.ca/Students-Etudiants/PG-CS/CGSM-BESCM\\_eng.asp](http://www.nserc-crsng.gc.ca/Students-Etudiants/PG-CS/CGSM-BESCM_eng.asp)

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- Start the process early and apply to the selected UWO graduate school before submitting the scholarship application.