

Information Session on Graduate Studies

Department of Computer Science
University of Western Ontario

November 28, 2018

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
 - Scholarships and industry internship opportunities
 -

Agenda

- 13:30 Welcome and lunch!
- 13:35 I am in 4th year: what to do next?
- 13:40 Salary trajectories: BSc vs MSc
- 13:45 *Doing research in our department*
- 13:50 *Details on graduate programs*
- 14:00 Questions and answers
- 14:20 Closing remarks

Plan

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Computer Science Department: Staff

Administration

Department Chair: Dr. Hanan Lutfiyya

Graduate Chair: Dr. Marc Moreno-Maza

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

Office Staff

- Lindsay Bos (Administrative Officer)
- Dianne McFadzean (assistant to the chair)
- Cheryl McGrath (undergraduate assistant)
- Janice Wiersma (graduate assistant)
- Rim Zakaria (program coordinator)

Science Technology Services

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

<https://www.csd.uwo.ca/people/sts.html>

Computer Science Department in Numbers

Statistics

- 20 faculty members + 1 full-time lecturer
- 149 graduate students (increase by 15 w.r.t. 2017-2018 and 40 w.r.t. 2016-2017)
- A research intensive department
- Good contacts with industry (in particular through MITACS and with Bell, IBM, Microsoft, Maplesoft, ...)

Computer Science Department: Research Areas

Research areas

- Artificial intelligence & Games
- Bioinformatics
- Computer algebra
- Data analytics
- Distributed systems
- Computational neuro-sciences
- 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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② Do **real** research

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- 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/>

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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

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