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
   - ...
   - ...
Plan

1. Overview

2. Graduate School of Computer Science at Western
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

1. Learn and use advanced technology:
   - The SHARCNET consortium
     https://www.sharcnet.ca/my/front/
   - 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/

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.

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Scholarships

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- Ontario Graduate Scholarships (OGS) and QEII Graduate Scholarships in Science and Technology (QEII-GSST)
  https://grad.uwo.ca/current_students/student_finances/ogs.html

- If you apply for a scholarship to be held at UWO, you can contact potential supervisors; she/he may help you to write the application.

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