

'396' Undergraduate Research Project Application Form

Office for Undergraduate Research in Science
www.mcgill.ca/science/ours/
victor.chisholm@mcgill.ca
Dawson Hall, Room 211
tel 514-398-5964, fax 514-398-8102
Form version 200603

Instructions for students

- *All fields are required, unless indicated otherwise.*
- Download and print this form. Complete Section 3 and sign.
- See “How students can apply” instructions in Section 2.10.
- Your supervisor or department will tell you if you are selected for this project. If so, you will receive a code to register for a ‘396’ course on MINERVA.

1 Supervisor Information

Name: Prof. Adrian Vetta
Email: vetta@math.mcgill.ca
Phone: 514-398-3822
Website: www.math.mcgill.ca/~vetta/

Department or Unit: Department of Mathematics and Statistics
Course number: MATH 396

2 Project Information

2.1 Term:

Summer 2007

2.2 Project start & end dates:

May 1 - July 31, 2007

2.3 Project title:

Complex Networks

2.4 Project description:

In the past decade it has been realized that the underlying structure of many networks found in as diverse areas as sociology, cell biology, the internet etc. is essentially the same. Random graph models have been built that capture qualitative aspects of these networks. These models will provide us with deeper understanding of the above areas, and will have a multitude of applications. The aim of this project is to learn and investigate problems in this area.

2.5 Prerequisites:

1 term completed at McGill + CGPA ≥ 3.0 ; or permission of instructor.

2.6 Grading scheme:

Final report worth 100% of final grade.

2.7 Other:

2.8 Status:

This project is:

- Open to applicants
- Already taken; no more positions available this term
- Taken, but contact me for other possible projects this term

2.9 Ethics, safety, & training:

Which of the following, if any, is involved?

- Animal subjects
- Human subjects
- Biohazardous substances
- Radioactive materials
- Handling chemicals
- Using lasers

For undergraduate students, ethics and safety compliance is the supervisor's responsibility.

2.10 How students can apply:

This project is already taken; no more positions available this term.

3 Student Information. (1) Print legibly and sign. (2) See ‘How students can apply’ in Section 2.10.

Name:

McGill ID:

Email (first.last@mail.mcgill.ca):

Phone:

Program (e.g., B.Sc. Maj. Chem. Minor
Biology):

Level: (circle one) U0 / U1 / U2 / U3

*I have not applied for another 396 course this
term. **Student signature:***

Date:

4 Approvals. (1) Print names and sign. (2) Notify Office for Undergraduate Research in Science. (3) Give student code to register for course on MINERVA.

Supervisor:

Date:

*I certify that this project conforms to depart-
mental requirements for 396 courses. **Unit***

Chair, Director, or designate

Date:
