

A WELCOME MESSAGE FROM THE DEAN OF SCIENCE

What has brought you here?

- You love analyzing problems and coming up with creative solutions.
- You want to know how things work whether they are physical processes, chemical structures, or biological entities.
- You enjoy being challenged, working and playing hard and get satisfaction from accomplishments.
- You want to make a contribution that helps people and the environment in which we live.

These kinds of reasons mean you have come to the right place because Science at Dal will challenge you in all these areas. But no doubt, you are beginning with more than a little mixture of emotion – excitement, I hope, and perhaps some nerves.

I still remember the intensity of the feelings I experienced when I entered university. Like many of you I attended a university far from where I grew up and I knew no one. Not surprisingly, I was excited and ready for the new challenges but at the same time apprehensive and somewhat bewildered. The opportunities appeared limitless but would everyone else be much smarter than me? It didn't take long to settle. By the end of the first week, I had met classmates who are still friends 35 years later. Finding my passion took a little longer, and it didn't lie anywhere close to where I started. I entered to study genetics, I left with a degree in

psychology.

You are entering one of the most significant transitions in the whole of your life. For many people, the



Dean of Science Dr Chris Moore prepares hot dogs at last year's welcome barbecue.

university years are the ones in which the adolescent becomes transformed into the adult. You will make lifelong friends, you may meet your life partner. You will find plenty about which you feel passionate. You may find your life path; you may not. But you will become enormously enriched. There is a huge number of opportunities at Dalhousie, probably too many to take advantage

of. Be open to new challenges, try new things, take some risks. All the time remember that our goal is to help you succeed.

In the Faculty of Science, you will meet professors, staff, and other students who are dedicated to helping you thrive within the classroom, in research, and throughout the university. Here you will find a place where challenge and inspiration are easily available to you. Look at subjects that may take you in new directions and changes your way of thinking. Take advantage of the resources available to you during your time here. This includes academic advising across campus, student services, student groups, peers and friends you meet over your four years here. Much of your learning will happen in the classroom, but there is a lot of learning to be had outside of the classroom – find those opportunities, as they will enhance the academic side.

I wish you all the best during your first year here in the Faculty of Science, and I look forward to seeing where your time here at Dalhousie takes you.

Chris Moore, PhD
Dean, Faculty of Science

A word from the Dalhousie Science Society

(also known as DSS)

Welcome to the Faculty of Science!



Mahmoud Hashish, DSS

My name is Mahmoud Hashish, and I am a fourth year neuroscience student here at Dalhousie University. I am writing to you on behalf of the Dalhousie Science Society (DSS) to provide you with a brief synopsis of what the DSS has planned for this upcoming year.

September is a very busy month for the DSS. We have three major events taking place so you'll have plenty of time to get involved.

On September 6th, we will be hosting our annual orientation event known as

The Dean's Welcome BBQ in collaboration with the Faculty of Science (FoS). This event takes place in the courtyard between the Henry Hicks Academic Building and the Life Sciences Center (the LSC) from 1 to 3 p.m. All students are encouraged to attend; you will be able to meet your future classmates and professors before classes start, participate in fun leisurely activities, hear the Dean of Science speak, and of course, free food from the barbecue.

Another major DSS/FoS event in September is the **Second Annual Dalhousie Undergraduate Science Conference**, taking place on September 10th. The conference offers undergraduate science students the opportunity to present scientific research to their peers and faculty at large. Even though as first year students you will most likely not be able to participate in the conference, the conference will give yourself an idea of what research in the scientific field is all about.

Lastly, the DSS will be holding our **Fall 2011 AGM** on

September 21st, 2011 at 6 p.m. in room 303 in the Student Union Building (SUB). Attending the AGM presents you with opportunities to get involved with the society and to have a say in societal affairs through voting privileges, give yourself the opportunity to be more aware of upcoming events and functions occurring in your faculty, and have an opportunity to work with other students in your faculty by being involved with one of our committees.

These three events in September are just a few of the many events the DSS will be hosting throughout the 2011/2012 academic year. Examples of future events include laser tag, cosmic bowling, the annual gala, movie night, etc. For any inquiries with regards to the DSS, or for details of upcoming events, please visit our website:

<http://www.thedss.ca>

Getting involved at Dalhousie has been a rewarding experience that has proven to not only have been extremely fun, but enriching as well. I am confident you will feel the same way, I look forward to seeing you this September.

Mahmoud

dss@dal.ca



Research posters at the first annual Dalhousie Undergraduate Science Conference

Upcoming Events to Note

- Dean's Welcome BBQ: Sept 6 from 1 to 3 p.m. between the Henry Hicks Academic Building and the LSC
- Second Annual Undergraduate Science Conference: Saturday, Sept. 10th. 1-7 pm in the Rowe Building
- Dalhousie Science Society AGM: Wednesday, Sept. 21st in Room 303 of the SUB
- Dalfest: from Thursday, Sept 8th to Saturday, Sept. 10th
- "Feel Good Fridays" at the Grawood every Friday
- The Student Society Fair: Sept. 14th.



Welcome and words of wisdom

Samantha Phillips, BSc Mathematics, 1992

Greetings from Copenhagen, Denmark!

I clearly remember my first day on campus. **You can taste the atmosphere of opportunity.** Little did I know how true that was. You are seldom able to see things as they are when you are in the middle of your experience. It takes perspective and, often, the passage of time to fully appreciate the experience.

University was really the start of my informative years and certainly enriched my life beyond my education. My roommates taught me many life lessons including confidence, belonging and the joy of youth! My professors both educated and mentored me. I still reach out to one professor for support and advice. Student politics taught me to get involved to help my community be a better place to live/study. **Get involved and be part of the solution.**

'Be the change you want to see in the world' (Gandhi). Dalhousie provided the playground and I could choose which activities to participate in. University motivated me to be a better person, engineer, athlete and, now, a better mom.

After completing my BSc Mathematics (1992), I obtained my BEng Mining (1995). I have travelled the world with work and now, with over 15 years of work experience, am able to choose where I'd like to live and work. That is the ultimate gift I have given myself and my family.

My work took me to many countries, including Nigeria,

Brunei, Malaysia, Houston, London and Scotland. I currently remain in Europe working for A.P. Moller Maersk, the world's largest transport and shipping company, in their oil and gas division.



Samantha Phillips, BSc (1992), BEng (1995)
Photo by Ewan Nicholson - <http://ewannicholson.ca/>

No half measures. Commit to what you aspire so you can confidently know you did all you could to achieve your goal. I have had the privilege of representing Canada at the World Championships in cyclocross. University prepared me to balance both my professional life, my personal life and my athletic ambitions. It was never easy (nor fair, sometimes) but you will learn that in the years to come. **Most meaningful things in life don't come easy.** It took me seven years from my first race as a novice to wearing my Team Canada jersey. That equates to ca. 84,000 km of training.

Cycling is the part of my life which provides the energy for the other things. Again, my university years taught me that you had to **'study hard and play hard'**! Cycling takes me to some amazing places around the world, such as the base camp at Mount Everest, New

Zealand, Australia, Costa Rica, South Africa, Poland, France, Spain, Germany, Sweden, UK, Canada and the US. Sport balances out the demands of my career and gives me the energy to perform my job well. **Passion is a cornerstone to wellbeing, as education is a cornerstone to your future.**

Find your passion, pursue it with heart.

Where can Dalhousie and the Faculty of Science take you?

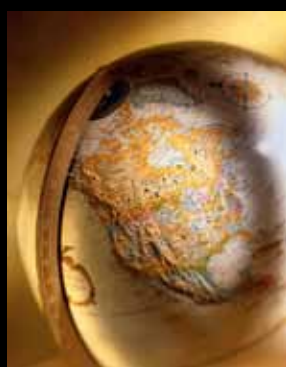
All around the world!

There are many opportunities for Dal science students to work and learn overseas. You may find yourself in one of many countries.

To learn more, visit http://science.dal.ca/EDUCATIONAL_PROGRAMS/Study_Abroat.php

Learn more about other science programs at

http://science.dal.ca/EDUCATIONAL_PROGRAMS/



Important Faculty of Science information

(Put this on your fridge or bulletin board!)

Student Groups

Dalhousie Science Society (DSS)
E-mail: dss@dal.ca

Clubs and Societies

Biochemistry and Molecular Biology: DBSS
Nicole Crozier (n.crozier@dal.ca)

Biology: DABS
Emily Whelan (em962809@dal.ca)
DABS: dabs@dal.ca

Chemistry: DUUCS
President: Natasha Milosevich (natashamilosevich@hotmail.com)
DUUCS: chemsoc@dal.ca

Earth Sciences: DAWSON
President: Logan Brown (lg386931@dal.ca)

Economics: DUESA
Presidents: Edgar Burns (ed288051@dal.ca); Emily Jackson (emilyjackson08@gmail.com)

Environmental Science: EPSS
President: Cheryl Robinson (ch815793@dal.ca)

Marine Biology: DAMS
President: Celene Burnell (celene.burnell@dal.ca)
DAMS: marine@dal.ca

Math & Stats: DUMASS
President: Oleg Zarakhani (ol524337@dal.ca)

Microbiology & Immunology: SIMS
President: Amit Mishra (am82156@dal.ca)

Neuroscience: UNS
President: Alex Hoggarth (hoggarth.alex@gmail.com)
UNS: uns@dal.ca

Physics: DUPS
President: Kimiko Sakamoto (km0502@dal.ca)
DUPS: dups@dal.ca

Psychology: DAPS
President: Anthony Diab (an839664@dal.ca)
DAPS: daps@dal.ca

Important Campus Resources

Peer Partners (Mentoring)
Coordinator: kate.mercier@dal.ca
494-8364
mentor@dal.ca

Academic Advising - Student Services
494-3077
advising.studentservices@dal.ca

Frank G. Lawson Career Information Centre
494-2081

Counseling & Psychological Services
494-2081

Career Services Centre
494-3537
career.services@dal.ca

Office of the Registrar
494-2450
registrar@dal.ca

Student Services
494-2404
student.services@dal.ca

Studying for Success
494-3077
sfs@dal.ca

Writing Centre
494-1963
writingcentre@dal.ca

Residence and Housing
494-1054
residence@dal.ca

Off Campus Housing Office
494-2429
och@dal.ca

Science Co-operative Education
494-2044
sciencecoop@dal.ca

Computer Help Desk
494-2376
helpdesk@dal.ca

Student Accounts
494-3998
student.accounts@dal.ca

Office of Student Accessibility & Accommodation
494-2836
access@dal.ca

Dalcard Office
494-2334
dalcard@dal.ca

DalAlert
dalalert@dal.ca

Bookstore
494-2460
bookstore@dal.ca

Studying for Success

The transition from high school to university life can often be a challenging one. However, with help from the **Studying for Success** program, you too can become a more effective learner. Attend our workshops or drop in for individual study skills sessions, where we can help you with Time Management, Critical Reading, Note taking, Preparing for Exams, and much more. We at SFS would like to make your university experience a more rewarding one. **Don't wait until it's too late!** Let Studying for Success help you find smarter ways to study.

For more information or to make appointments, please:

- visit our website: www.dal.ca/sfs
- visit our main office in the Killam Library, Room G28 (main floor)
- call 494-3077 or
- email the Coordinator at: sfs@dal.ca

Faculty of Science

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