Welcome
To Life Sciences and Biochemistry!

Michael Kawaja, PhD
Associate Dean Life Sciences and Biochemistry
Professor, Department of Biomedical and Molecular Sciences
Centre for Neuroscience Studies
My role as Associate Dean ...

- To assist LISC & BCHM students in all academic matters
- To provide LISC & BCHM students with adequate resources for education (i.e., TA’s in labs)
- To support LISC & BCHM students with non-academic issues
- To ensure the academic standards in the curriculum
- To foster and promote the development of new educational initiatives in the LISC & BCHM curriculum
- To report to the Deans regarding LISC & BCHM matters
Where and when to find me:

Life Sciences and Biochemistry Office
6th Floor Botterell Hall / Room 650

Tuesdays or Thursdays TBA – email Program office for dates/times
How to book an appointment?

Honz Slipka:
613-533-6527 / lifesci@queensu.ca

Ms. Denise Cameron:
613-533-2900 / biochem@queensu.ca
Classes have begun!!!

Dr. Kawaja will be available for students to drop in or book appointments. It is very helpful if we do know in advance that you will be coming in so we can have your file ready. Please contact Erin at either life@queensu.ca or bhchm@queensu.ca and she will schedule you in. Keep in mind that both Denise and Katherine are available to assist you with your Plan, courses, etc. and sometimes this is your best starting point.

Booking appointments (drop in on the following dates (subject to change):

September 17: 1:00 - 3:00 pm
September 22: 2:30 - 5:00 pm
September 29: 2:30 - 5:00 pm
October 6: 1:00 - 5:00 pm
October 13: 1:00 - 5:00 pm
October 20: 1:00 - 5:00 pm
October 27: 1:00 - 5:00 pm

Information to pass on from other areas around campus.

2nd, 3rd, 4th Year Students:

Life Science Social Committee Applications are now available. The Life Science Social committee is seeking creative and outgoing volunteers to help plan and organize fun and exciting social events for students in Life Sciences. To obtain more information and get an application please email the Social Co-Chairs at socials@lifecs.com.

It’s that time of year again! Student Academic Success Services: Learning Strategies & The Writing Centre is once again promoting its free undergraduate workshops on academic skills such as time management, reading, writing, exam prep, and more.

CUCCOB 2015 is now hiring student volunteers. This multidisciplinary healthcare conference will take place from November 13th-15th 2015 at Queen’s University. We are looking for volunteers to help us make the conference a success. The volunteer application can be found on our website at cuccob.com or on our Facebook page. Submission deadline is Sunday, September 20th 2015 at 11:59pm. Please contact logistics@cuccob.com with any questions or concerns.
To paraphrase Wiki ....

An open door policy ... serves to foster an environment of collaboration, high performance, and mutual respect between ... faculty and students.

My “open door policy” is to encourage LISC & BCHM students to offer suggestions and ideas, provide or solicit feedback, seek professional counsel, or address concerns within the faculty and university. It is my hope that this policy will establish an environment of trust and mutual respect between me, your Associate Dean, and you, the LISC & BCHM students.

This allows also you to speak openly about issues (i.e., face-to-face), giving you the knowledge that your voice is heard and that issues will be addressed and resolved in an expeditious and equitable manner.
On my office door ...

a clear notice to students, and to staff and faculty as well, that all individuals can feel confident that their differences (regardless of what they may be) will be respected!
Information sessions:

In the New Year
- meet 2nd year students about 3\textsuperscript{rd} year
- meet 3\textsuperscript{rd} year students about 4\textsuperscript{th} year

Soon - meet LISC 499 and BCHM 421/422 students

AND

Career Conference
by LISC and BCHM Executive Councils

Late October
“Canadians studying medicine abroad”

Next March (2017)
“Poster Day”
One Size Does Not Fit All
Undergraduate Science Case Competition 2014
Life Sciences Competition Toronto

Convocation 2013
Life Sciences

Get to know LIFE SCIENCES

Life Sciences at Queen's University is one of our flagship Bachelor of Science degree programs. It is in high demand by students who wish to pursue careers in biomedical research and health care focusing on human life. The Life Sciences plan offers courses ranging from human anatomy and physiology to the business and research that comprise organ function to the cells that give rise to cancers and the design that is used to cure some forms of tumors and disease.

Mackay's Canadian Universities Guidebook cited Life Sciences as Queen's as a StuPros Program, having strength to "see integration of basic health sciences and natural and physical sciences." Students are drawn to the strengths of the programs, which includes their ability to explore specific interests such as anatomy, physiology, human biology, and pharmacology.

Biochemistry

Get to know BIOCHEMISTRY

Biochemistry is the science that seeks to understand the biochemical basis for life. Emerging knowledge in biochemistry will help to answer the molecular basis for diseases such as cancer, diabetes, and Alzheimer's. It will also lead to the development of new tools for disease detection and cure and therapies for treatments and cures.

The biochemistry applies the basic principles of chemistry, mathematics, physics, and biology to the study of cellular processes. It is a growing field with a broad impact on a wide range of biological research. It is a cornerstone to basic and applied research.

The interdisciplinary program in biochemistry is an option that provides a solid foundation in molecular biology, genetics, and biochemistry, as well as an introduction to modern technologies and experimental techniques. It is a four-year program that offers the opportunity to specialize in areas such as immunology, molecular biology, and bioinformatics.

Course HIGHLIGHTS

After taking foundational courses in general biology and chemistry, students pursue advanced courses in genetics, molecular biology, and biochemistry. Students then choose one of three tracks: molecular medicine, computational biology, or biotechnology. These tracks provide a strong foundation in the molecular and cellular basis of disease and the development of new treatments and therapies for diseases.

A Common START

Students in our Faculty are admitted into Arts, Science or Computing for the focus is on a common first year. Throughout the program, we offer unique opportunities for success. Students have access to experienced staff and faculty who can provide advice and support to help you succeed in your studies. The program is designed to help you develop the skills and knowledge you need to succeed in your chosen field.

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Alumni Profile

"The Queen's University BScH in Biochemistry is the pinnacle of my academic career. From the program's rigorous focus on clinically and industrially-relevant biochemistry, to its structure that allowed the free pursuit of elective courses, the Biochemistry program gave me a degree that is both highly specialized and well-rounded. It paved the way for my acceptance to the Master of Biotechnology program at a top-tier school."

MATT WHITEHEAD, SCI '14

Alumni Profile

Life Sciences opens a lot of doors. In addition to the comprehensive curriculum and excellent research opportunities, my favourite thing about the program was getting to know my professors, TAs, and supervisors. Their expertise, support and advice were indispensable for my personal growth at Queen's and have no doubt helped advance my career as I enter Medical School this year.

NICHOLAS STONE, SCI '14
Academic accomplishments (LISC):

*Dean’s Honours List (average >80%):*
2015 – 489 LISC of 1000 students in FAS (49%)
2016 – 560 LISC of 1000 students in FAS (56%)

*Dean’s Honours List with Distinction (top 3%):*
2015 – 57 LISC students in FAS
2016 – 85 LISC students in FAS
Academic accomplishments (BCHM):

Dean’s Honours List (average >80%):
2015 – 75 BCHM of 1000 students in FAS (7.5%)
2016 – 108 BCHM of 1000 students in FAS (11%)

Dean’s Honours List with Distinction (top 3%):
2015 – 7 BCHM students in FAS
2016 – 6 BCHM students in FAS