

We start this issue with a warm welcome to Rachel Batson, the new Undergraduate Program Assistant! Rachel is now ready to help you with your academic journeys! Rachel and I (Ken Ko) are looking forward to the day when we can see everybody in person again.

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**NSERC Undergraduate Summer Research Awardees 2021!**

Congratulations to this year's recipients of the prestigious NSERC Undergraduate Summer Research Award!!

*Congratulations!*

These students will be conducting a whole summer's worth of research in Biology, so all the best!! The experience promises to be rewarding and represents a major career-building step.



**AWARDS**

Please don't forget to check the awards opportunities at:

<https://biology.queensu.ca/academics/undergraduate/awards-opportunities/>

**1<sup>ST</sup> YEAR STUDENTS!**

Thinking about a career in Medicine, Veterinary Science, Environmental Law, Education, Conservation & Sustainability and Biotechnology. Check out the virtual MAJORS NIGHT on February 25, 2021, from 4:00pm to 7:00pm (<https://careers.queensu.ca/events-workshops/majors-night>) and the MAJORS MAPS webpage (<https://careers.queensu.ca/students/wondering-about-career-options/major-maps>). Please do not hesitate to connect with us for further discussions (appointments can be set up using Zoom this year).

**CHOOSING A MAJOR?**  
FEBRUARY 25, 2021 | 4 - 7PM |  
Online event via OnQ and Zoom

VISIT MAJORS NIGHT TO EXPLORE PROGRAMS

The advertisement features a red background with white text for the main title. Below it, a yellow banner contains the date and time. The bottom part of the ad shows a photograph of a student and a staff member looking at a poster. The text 'VISIT MAJORS NIGHT TO EXPLORE PROGRAMS' is at the bottom.

**Are you going into 4<sup>th</sup> year 2021-2022 – here are a few reminders!**

### **BIOL 537**

Faculty Project Profiles and Application are now updated for 2021-2022 and can be found at: <https://biology.queensu.ca/academics/undergraduate/courses/honours-thesis-course/>  
Application deadline is: March 22, 2021.

### **BIOL 500 Seminar Courses**

We are currently working on a course teaching plan for next year. We hope by mid-April to have the application and the BIOL 500 course offerings and descriptions ready to send to you.



### **BIOL 401 Spring Term 2021 Offering!**

BIOL401 will run this coming Spring term. Class starts May 11, 2021 and taught by Drs. Yuxiang Wang and Barry Madison. If you are interested, let us know so that we can register you manually this year.

#### **BIOL 401/3.0 Experimental Approaches to Animal Physiology**

Laboratory-based course emphasizing experimental approaches to understanding the principles of animal physiology covered in BIOL 339/3.0.

LEARNING HOURS 108 (36Lb;12T;60P)

PREREQUISITE A minimum GPA of 2.0 in the Biological Foundations List.

COREQUISITE BIOL 339/3.0.



### **BIOL 404 - Summer 2021**

BIOL 404 will be offered this coming summer. It will be offered twice, once in May and again in August. If you are interested, let us know so that we can register you manually this year.

Please note that because these are two week courses, the add/drop dates are different from full term summer offerings.

BIOL 404 – April 23 to May 7, the last date to **add the course is April 23 at mid-night.**

BIOL 404 –August 13 to August 27, the last date to **add the course is August 13 at mid-night.**

Course details can be found at: <https://130.15.90.125/BioLab/biol404.html>



### **BIOL 404/3.0 Techniques in Molecular Biology**

Intensive laboratory work (8h/day) to be carried out over two and a half weeks in May. Practical work includes DNA isolations, DNA cloning, PCR, production of proteins, biochemical and immunological analysis of proteins. NOTE Priority to students registered in BIOL Major and Specialization degree Plans. See course website for details.

LEARNING HOURS 112.5 (100Lb;12.5P)

PREREQUISITE (BCHM 218/3.0 or BIOL 330/3.0) and a minimum GPA of 2.0 in the Biological Foundations List.

A promotional poster for the 'empower' conference. The background is a deep purple with scattered white stars. On the left, there is a stylized line-art illustration of a woman's face in profile, looking upwards. In the top left corner, there is a small logo featuring a stylized 'Q' and 'S' with a star. The text on the right side of the poster reads: 'Queen's Scientista presents: empower /ə'm'pou(ə)r/ verb To make someone stronger and more confident, especially in controlling their life and claiming their rights. FOURTH ANNUAL CONFERENCE Sunday March 21st, 2021 11 am to 4 pm'.

"Queen's University Scientista is thrilled to present our 4th annual conference, Empower! We invite you to join us on Sunday, March 21st, 2021, from 11am-4pm for an invigorating day consisting of a discussion panel, keynote speeches, and interactive workshops featuring speakers across different sectors of Science, Technology, Engineering, Mathematics, and Medicine. We aspire to provide engaging and thought-provoking conversations to ensure self-identifying women, gender non-conforming individuals, and allies in STEMM feel confident and empowered on their paths to success.

Register as a delegate for \$8 here: <https://hopin.com/events/queen-s-scientista-presents-empower> "

### **Need help with your studies?**

Please visit Student Academic Success Services (SASS) at <http://sass.queensu.ca/>. SASS offers academic support to students who wish to develop their skills in critical thinking, reading, learning, studying, writing and self-management.

### **Wondering how to contact your course program associate regarding work associated with the lab component of core courses?**

BIOL 102: [biol102@queensu.ca](mailto:biol102@queensu.ca)

BIOL 103: [biol103@queensu.ca](mailto:biol103@queensu.ca)

BIOL 200: [biol200@queensu.ca](mailto:biol200@queensu.ca)

BIOL 205: [biol205@queensu.ca](mailto:biol205@queensu.ca)

BIOL 206: [biol206@queensu.ca](mailto:biol206@queensu.ca)

BIOL 212: [biol212@queensu.ca](mailto:biol212@queensu.ca)

BIOL 300: [biol300@queensu.ca](mailto:biol300@queensu.ca)

### **Important Links**

Updates on Fall 2020 and Winter 2021 <https://www.queensu.ca/artsci/fall2020>

Updates on COVID-19: <https://www.queensu.ca/covidinfo/>

### **REMINDERS!**

#### ***Biology Degree Plans***

*Review your degree plan requirements and make sure you are selecting courses you need. Degree plan requirements can be found at: <https://www.queensu.ca/artsci/undergrad-students/academic-calendar>*

#### ***Biological Foundations List - IMPORTANT!***

*It is very important to keep this GPA requirement in mind throughout your program, starting with first year. To be admitted to 400 and 500 level Biology courses, you will need a minimum GPA of 2.0 in any previously taken courses from Biological Foundations list.*

*The Biological Foundations List is BIOL 102, 103, 200, 212, (201, 202), 205, 206, 300, 330, 334, 339, and 341 (BIOL 302, 303).*

*To be admitted to BIOL 400 and 500 level Biology courses you will need a minimum cumulative GPA of 2.0 in any previously taken courses from this list.*

## Helpful Links

[Information on Applying for a Course Prerequisite Waiver](#)

[Arts and Science Academic Deadlines](#)

[Arts and Science Calendar](#)

[Frequently Asked Questions](#)

### **QUBS Quick Links**

Website: <https://qubs.ca>

Facebook: <https://www.facebook.com/QUBioStation>

Twitter: [https://twitter.com/QUBS\\_Director](https://twitter.com/QUBS_Director)

Flickr: <http://www.flickr.com/photos/qubsoutreach>

YouTube: <https://www.youtube.com/user/QUBScam>

**Looking for a job?** [Quick Link](#)

**Looking for study and travel opportunities?** [Quick Link](#)

BIOLOGY Undergraduate Office (normal non-COVID-19 operations)

Mon to Friday 8:30am – 12:00pm and 1:00pm – 3:00pm

Rm. 3109d, BIOSC Complex

613-533-6344

[ug.biology@queensu.ca](mailto:ug.biology@queensu.ca)

**NOTE: Use email to correspond during COVID-19 as we are working remotely.**