



The iBioBuzz Gazette
iBioMed Society

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Welcome!

September 2018 Newsletter

Hey! For those of you in first year, we are happy to have you join us in the Integrated Biomedical Engineering and Health Sciences program (or iBioMed for short!) at McMaster University. You are truly part of something special and are surrounded by a cohort of arguable McMaster University's finest students. If you are a returning student in level II, welcome back!! It's great to see you again! We're absolutely thrilled to reconnect with you all and witness the amazing and diverse things you'll do in your respective streams.

Each month, the iBioMed Society will be releasing a short newsletter outlining exciting news, interesting reads and recapping what we've been up to as well as to update you on all of the exciting things you can look forward to each month. We want to keep you in the know so read on!

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Important Announcements

iBioMed Society Mailing List!

First things first, you have received this email since you guys as part of the iBioMed cohort, are automatically included as a part of the iBioMed Society mailing list. We're excited to keep you updated on everything you need to know as an iBioMed Student! Information will also be posted on Facebook

If you wish to unsubscribe, please reply to this email expressing your interest to unsubscribe**.

** Please note that even if you unsubscribe from the Society mailing list, you will still receive official emails from the iBioMed Administration Office.

Update on iBioMed SWAG?!?

That's right, you heard it. Fill out this preliminary form and keep posted for details on the design contest coming out next week!

<https://goo.gl/forms/zc1C8YvgspP53ntA2>

iBioMed "Kick-Off" to the School Year!

We're kicking off the year with an iBioMed soccer game!

Here's a quick breakdown of the event you won't want to miss out on!

Where: Sept. 29, 4-7pm

When: The Track & Field field

Fee: Free!



iBioBuds Mentorship Program! [iBioBuds!]

The iBioBuds Mentorship Program is coming! The goal of this mentorship program is to provide support to encourage growth for a first year who will be paired with an upper-year iBioMed.

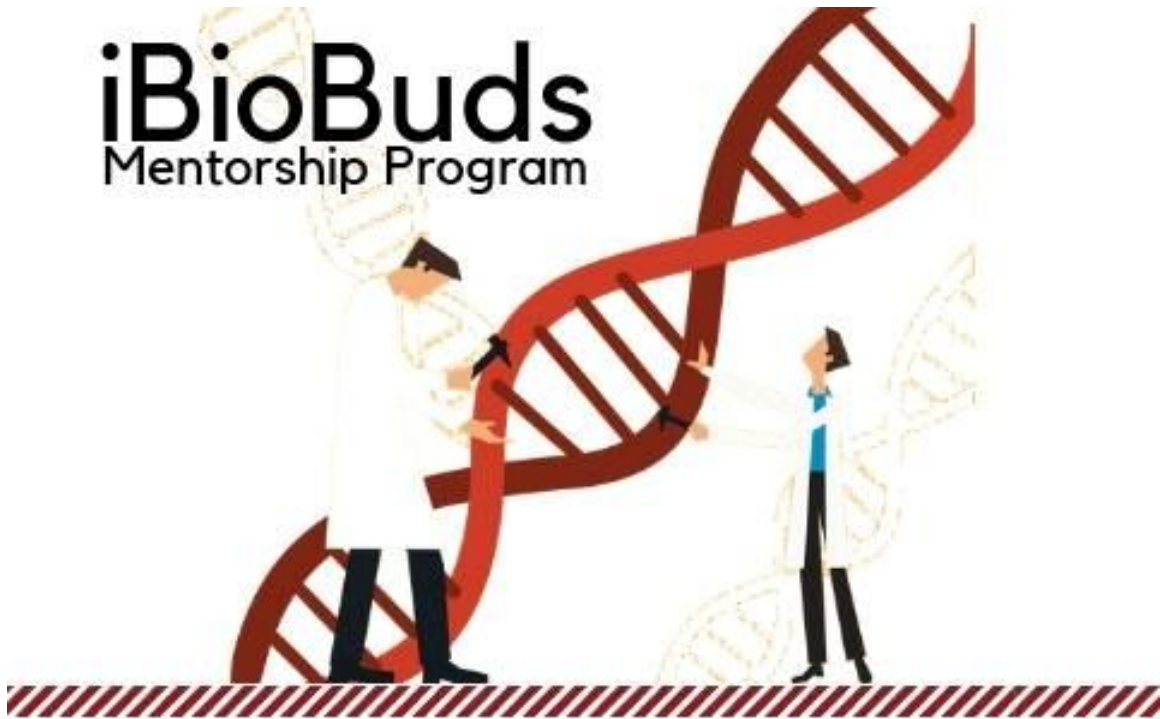
Thanks to all the second-year iBioMeds who have signed up to be mentors!! It would not be possible without your support. Stay tuned for more updates :)

If you are in first year and interested in participating, follow the link below!

[SIGN UP!](#)

iBioBuds

Mentorship Program



INTERESTED IN BECOMING A

MENTEE

GET PAIRED UP WITH A 2ND YEAR

Mentoring consists of a year long relationship focused on supporting your growth and development. As a mentee you will have the opportunity to learn the best tips and tricks for surviving first year, ask all your questions about stream selection, extra curriculars and what to do in the Hamilton community during your free time.

Your mentor-mentee relationship can be molded into whatever you choose, advisor and coach, champion and cheerleader, resource and recommendations but you will first and foremost have a friend.



If interested please fill out the google form!

Big Ideas Pitch Week!

Come out to the pitch nights October 2 and October 4 to see your fellow undergraduate students share their Big Idea for a chance to win!



McMaster Engineering Competition (MEC) !!

Sign-ups for the McMaster Engineering Competition are starting now! Find out more and register here: <https://mec.macengsociety.ca/>

Be one of the first 50 registrants and you have the chance to win a \$25 Campus Store gift card!

Upcoming Events:

iBioBud social!! [date to be announced, mid-October]

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Top Stories

iBioMed Makes a Statement at MedHacks JHU

On September 7th, a cohort of 25 iBioMed students consisting of first and second years travelled to MedHacks at Johns Hopkins University (JHU) in Baltimore, Maryland. There, we competed against some of the brightest minds in North America in various design challenges geared towards integration of health and engineering science. As the second largest group behind JHU students, we certainly got the iBioMed name out there!

We are excited to share that Yumna Irfan (Below: third from the right), a second year HESE iBioMed student, represented McMaster University as she and her team from universities across Canada and the USA won first place at JHU MedHacks and a prize of \$1,500! Here is a short interview of her amazing feat:



Picture: Vaani Shah (University of Maryland '21 - B.S. Bioengineering), Agatha Turyahikayo (University of Maryland Baltimore County '21 - B.S. Computer Science), Yumna Irfan (iBioMed HESE), and Jacob Bilty (Western University '21 - Software Engineering & Genetics Dual Major)

Tell us a little about your weekend at MedHacks...

"As a student in iBioMed, MedHacks was a great opportunity to apply all the skills we learned in class. It was like an accelerated Design Project! I learned a lot from all the projects I saw, workshops I attended, and the people that I met. I truly enjoyed the experience!"

What was the process like?

"We created a website and an Android app that allows the user to take a picture of a mole/lesion to determine whether they have a chance of developing melanoma (skin cancer) with a 92.4% accuracy. We trained a machine learning algorithm with around 200 photos of melanomas from numerous hospital databases to check for distinct features of melanomas."

We were really shocked when we won since there were around 750 people in the hackathon, some of which were medical and biomedical engineering students from Johns Hopkins University."

In 3 words, describe your overall experience at MedHacks

"Fun. Enlightening. Exciting."

What did you learn over the term of the event?

"Not only did I learn technical programming skills from my group members like using APIs, making an Android app and making a website using HTML/CSS, I also learned a lot about good group dynamics. We were constantly checking in on each other as well as discussing our progress, objectives, and responsibilities. We all wanted to learn and make something incredible and impactful, so having that shared goal made us even more compatible."

What advice would you give to future participants interested in MedHacks?

"There are so many different people attending hackathons from all over the world, and this is a great opportunity to learn the things that are not taught in the classroom. Take this opportunity to find people from different backgrounds and work with them. You can learn and accomplish the most when your team has complementary skills."



Picture: Software that Yumna's group had created to analyze skin moles and lesions for melanoma.

We've got our Logo!



The results are in! We have got our iBioMed Society emblem, thanks to creative work of **Kevin Lu**, a second-year Engineering Physics IBEHS student. This logo was designed to be familiar yet immediately recognizable with a distinct “iBioMed” feel. The double helix motif of the Engineering Fireball was a sleek and minimalist way of representing both the Engineering and Health Sciences aspects of iBioMed. If you look closely, you may even be able to see the letters “BME” loosely depicted in the DNA strands.

We hope you like it as much as we do!

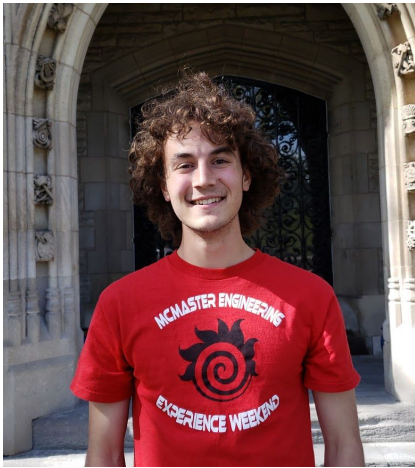
Meet YOUR 2018-2019 iBioMed Society!



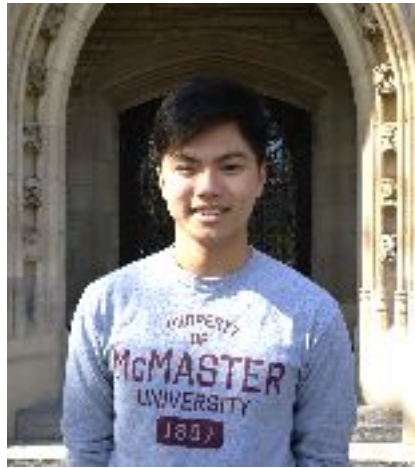
We'd love to meet you all! Please allow us to introduce ourselves as YOUR iBMS executives for the 2018-2019 academic year (see next page). If you see us, feel free to say hi and introduce yourselves :)

Be sure to visit our website as you'll also be able to explore any further information you may wish to know such as planned events and our iBioBuds Mentorship program!

[READ MORE ON OUR WEBSITE](#)



Name: Seth Ebos
Position: BME Co-President
Stream: Engineering Physics and Biomedical Engineering
Fun Fact: Enjoyed a 25 night canoe trip in Wabakimi!



Name: Brendan Tao
Position: HESE Co-President
Stream: HESE BHSc
Fun Fact: Toys R' Us Baby Model!



Name: Konrad Grala
Position: MES Rep on iBMS
Stream: HESE BHSc
Fun Fact: Peanut Butter Jelly Time!



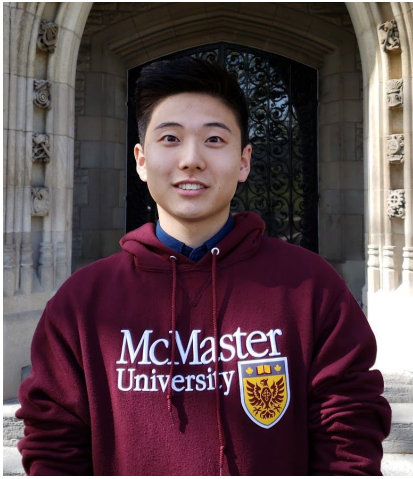
Name: Akil Hamilton
Position: VP Finance
Stream: Software and Biomedical Engineering
Fun Fact: Huge fan of anime!



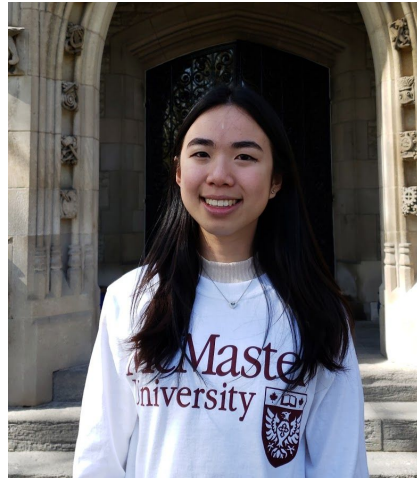
Name: Sarah Abdel
Position: VP Events
Stream: Electrical and Biomedical Engineering
Fun Fact: I enjoy nice runs to class :')



Name: Faaria Khan
Position: VP Academic
Stream: Engineering Physics and Biomedical Engineering
Fun Fact: I LOVE giraffes!



Name: Yijinmide (Mike) Buren
Position: VP External
Stream: HESE BHSc
Fun Fact: Trying fencing for the first time this year!



Name: Cherrie Hung
Position: VP Marketing
Stream: Chemical and Biomedical Engineering
Fun Fact: Your friendly neighbourhood foodie!



iBioMed Society