

University of Waterloo Science Society

Chair's Agenda for October 21st, 2017

Members: G. Thai (Minutes), R. Beena Kumary (President), K. Walden (VPFA), A. Richard (VPI), M. Chung (VPA), Biochemistry Student Association (BSA), Biomedical Student Association (BMSA), Biology Undergraduate Society (BUGS), Chemistry Club (ChemClub), Physics Club (PhysClub), Materials & Nanoscience Society (MNS), Science and Business Students' Association (SBSA) Waterloo Undergraduate Student Geological Society (WatRox), FEDS Councillors

Announcements

1. Today's primary topic of discussion will be external funding requests. We have six groups to hear from today. Note that BMSA was reached-out to but has told us that because they have not yet received their official approval from FEDS that they'd like us to consider them for external funding next term instead.
 - BMSA is not approved as a FEDS club yet, would rather us delay any funding proposals from them until next term or later this term
2. AGAIN! Please attempt to attend the October 24th FEDS General Meeting and advertise the meeting in your clubs.
 - There are important topics in there, please attend or ask constituents to attend

Call to Order

Move to begin the orders of the day.

- Motion by BSA, second by BUGS

Old Business

1. *Move* to approve last meeting's minutes and the minutes of September 22nd.
 - BSA motion to approve, seconded by SBSA
2. *Call* to revive tabled motion to nominate new Speaker for Fall 2017. *Move* to vote on a new Speaker for Fall 2017 to begin effective October 12th, 2017. *Be it resolved that* the new Speaker for the Fall 2017 Academic term shall be .
 - No motion
3. *Move* to give ChemClub the floor to re-present their Fall 2017 budget. *Call* to vote on the approval of the budget.
 - For student prof appreciation: t shirts are from a previous budget, \$15 will be in the form of little gift cards or baked goods for the profs
 - Exploding pumpkins likely to be funded, just put money down in case that funding does not happen, allocations can be made accordingly
 - EOT is tentative budget, not doing it with BSA, trying to figure it out right now, this allows leniency incase some numbers end up being more than others
 - Chemfire gives back: \$100 towards baked goods, liquid nitrogen ice cream as an incentive to get students to come to the charity
 - Where money is going: there to create ease, is being donated to

Wellness Fund office in Health Services, going towards training counsellors in mental health first aid

- Clarify: for training mental health first aid helping student intake
 - The other side will promote healthy lifestyles so they don't need to keep going to counselling services
 - BSA: doesn't it still have the same issue for using scisoc funds outside of science?
 - No because they're buying things for science students to go to, issue would have been if you were donating science student fees
 - Motion to approve the budget by BUGS, seconded by BSA
 - All in favour
 - 0 oppose
 - 0 abstain
 - CHEM budget Fall 2017 is passed
4. *Move* to conclude Old Business.
- VPFA: will put cap at 5 minutes to present, the required information to present has been outlined. Following the 5 minutes is a 5 minute Q and A period. Not taking any more questions after.
 - \$1,000 increased to \$1,250 cap (no oppositions)

New Business

Begin external funding requests (*order at Speaker's discretion*):

- Science & Business Ambassador Team
 - Club overview:
 - Have specializations, biotech/economics as well as biotech/CPA
 - Students in SBSA are very involved (eg. Fusion, SBAT, TED xUW and scisoc)
 - Differ from SBSA because goal is to be resource in terms of academics, career and academic life (professional development event, mock interviews, speed networking) not under FEDS, look to create a close knit community.
 - Ambassadors: 18 people team, (marketing, finance, mentorship, OPS teams)
 - Club impact:
 - Current events:
 - Go through Waterloo Works to familiarize them with it
 - Resume critiques with upper year students, help tailor resumes to specific jobs
 - Excel and Excel: familiarize students with things that students can come across in their coop terms
 - Mentorship event, photoshoot etc.
 - Upcoming events:
 - With SBSA: connect upper years with first and second year

- students, connect them with activities in science (SBSA, scisoc)
 - Speed networking event
 - Velocity Q and A event with idea pitches, want to expose students to entrepreneurship experiences
 - Impact: presented quotes from sci bus students regarding SBAT workshop events helping them develop important skills
- Budget and funding request:
 - Currently have \$1,500 for Fall and Winter combined (\$770 and \$730 split respectively)
 - Generally have food at events (snacks)
 - Asking for \$500 in funding to help their events and continue to add value, will go towards additional food and drinks and photographers and mainly for the speed networking event and velocity event
 - Can contact through gmail or facebook
- Questions:
 - What is the velocity event?
 - Still figuring out exact details, few people from Velocity come to pitch ideas, have a Q&A, networking session
 - VPA: tell us more about what the money would be going towards
 - Mostly for food, expecting a larger turnout for the event so more money allocated, as well as photographers. It is a collab so will not be paying them to come in. Maybe instead of having just cheap pizza can also have vegetables etc.
 - VPA: are they open to all science students or just scibus students?
 - Mainly only scibus, but looking to expand it, will decide after seeing how this event goes.
 - Networking event is open to all
 - MNS: provide more information about TED collaboration
 - Currently no plans to collab as of yet
 - VPI: asking for \$500, is there any amount too low?
 - VPFA: could give counter as well potentially
 - Thankful for anything that comes their way but \$300 would be the lowest substantial money to help better the funds and promote that
 - VPFA: attendance values on the slides, are they solely just scibus students?
 - Not for speed networking, other events are solely scibus
 - VPFA: money funded will be going towards all events not specifically one event?
 - Most will be going towards the Velocity event, but can accommodate their other money to making speed networking event bigger
- UW SFBP
 - Society of future black physicians
 - Feds club, encourage and assist UW science undergrad and grad students who wish to pursue career in med school application

- Increase amount of black physicians
- Create platform where interest and growth in black population applying for med school
- There is a discrepancy of black students who apply to med school
- Inclusivity: wanted to let everyone know that club is open to all races and genders, title is not specific, just bringing recognition to problems we see
- Events:
 - General meetings
 - Med talks (casual talk between execs who have done their MCATs and giving advice to students who have not)
 - Ignite conference: association of future black physicians in Ontario, will be in downtown Toronto with doctors attending to help students find shadowing opportunities. Looking for money to subsidize the travel fee
- Uploaded rough budget:
 - Food is important, attracts a lot of people. Putting money into food to get information out
 - Part of cost will be to subsidize transport fees (conference is 8am)
 - EOT conference: will do their own conference, will bring physicians in the KW/Cambridge area to show that you don't have to go all the way to Toronto to shadow a physician etc.
 - Advertising: posters are sometimes easier than social media
- Impact:
 - Giving opportunity to shadow physicians and nurses
 - Exec team each has responsibility to find a physician or nurse who will allow shadowing
 - Give advice on MCAT, courses, medical student mentoring/advice
 - Target science population and specifically black students
- Q&A:
 - BSA: logistics of EOT conference?
 - EOT conference would be KW/Cambridge version of IGNITE conference (physicians in the area to come give students insight on medical field) a lot of money would go towards thank you gifts, food for attendees
 - Part of the funds asked for is going towards transportation subsidization to IGNITE conference. Last year around 10 students went, hoping that numbers will increase this year to 20
 - CHEM: how do you select students to go?
 - The conference is free, anyone can sign up, no selection. It was just 10 people last year because we weren't a club last year. The 10 people who went were through word of mouth. Now that they are a club it can be a formal event
- UW Pre-Vet Club
 - What we do as a FEDS club:
 - Social: connecting students with similar interests, network
 - Academic: talk about grad programs, vet school etc.

- Via connecting students with volunteer opportunities on and off campus (Eg. this term wildlife rehabilitator or working with prof from Histology with working with animals kept at UW for research)
- Have close ties with Pre-Vet club in Guelph (Guelph hosts the only Ontario vet school), beneficial
- Host speakers and talks
- Fundraisers for KW humane society, different Waterloo charities
- FVC winter symposium: different animal issues and things we should know to get into veterinary college, mock MII sessions, speaker sessions
- Impact to science students:
 - 90% of club members are science students
 - Provide environment and support network for science students working towards similar goals (expose students to clinics, animal societies etc.)
 - Resume building opportunities, leadership opportunities
 - Club overseen by Dr. Duxbury, any questions with liability or conflicts of interests go through Dr. Duxbury
 - Events: raise \$200-\$400 depending on term
 - Badminton (raised \$200)
 - BBQ fundraiser, bring animals/wildlife on campus
 - Movie marathon
- Proposed budget for the term:
 - Expenditures are around \$424, get \$70 from FEDs
 - Asking for \$340
- Pre-Vet club is a relatively small club but there is a significant group on campus who are dedicated to this, although fundings not as established as the other clubs
- Q&A:
 - BUGS: is this budget for Fall or the year?
 - Proposal is for Fall \$430, only posted the main events
 - MNS: are you getting funding from UofG for the collab?
 - No because they are doing us a favour by collaborating
 - MNS: exact number of 90% science students:
 - Execs are science, club is 80 students, meetings usually 12
 - BUGS: how many people attend events?
 - BBQ around 600, movie marathon 40 people, badminton 40 people
 - BBQ is not limited to science
 - MNS: how do you raise money, what is it used for?
 - Profit used to donate to local registered charities
 - CHEM: using professors labs?
 - Animal professors who have experience in animal research fields. Prof has a bunch of frogs to be taken care of, club provides volunteers through an application system
- UW STEM Fellowship Club:
 - Learning more about the field, noticed they wanted to start a chapter at UW

- Science tech engineering math: youth non-profit with 21 chapters across Canada
- Mission: provide students to enrich themselves in the field of STEM
- Goals: to promote STEM at UW (especially the science aspect)
- Events:
 - Big data challenge (hackathon)
 - Writing workshops (learn to write proper journal articles, sponsored by national research writing association, students can get certified at the end of the day)
 - Demographic is actually mainly science students
 - Benefits of supporting club is supporting a large amount of science students
- Requisitions \$200 from scisoc
 - Used for 2 events for this term:
 - Meet and greet: to provide food
 - Writing workshop: to print out certificates, food, advertising
 - Rest of budget: promotional materials: banner etc.
 - Would like to save the unused funds for future events to be put towards guest speakers
 - Although we are providing content that STEM fellowship has provided, do not receive any funding from them
- Q&A:
 - VPA: how much funding from FEDS?
 - \$75, not included in the budget overview because during clubs day was not officially affiliated yet so the funds were paid for out of pocket for clubs day, but is FEDS approved now
 - BSA: noticed have a big following from math, will you be looking towards mathsoc for funding?
 - So far have not ventured out into other avenues, have started contacting mathsoc
 - All of the members believe that science is the basic foundation towards this (engineering is application etc.) thought science would be the best target audience
 - BUGS: big data challenge?
 - Month long hackathon: organization sets a problem, students sign up and work along the hackathon, give students time to learn coding if they're unfamiliar, gives them a great avenue to start in coding
 - Not really a traditional hackathon, companies give a data set and students provide a model through python etc. where skills will be taught throughout the month
 - CHEM: is hackathon towards science students?
 - More like making data sets and predictive models, hackathon was just the closest example to be made, can learn from students with other skills
 - VPFA: are events open to all faculties?

- Yes, however have spoken to President with possible collaborations, not opposed to having a science targeted event. Possible to have scholar writing specified towards science students
- HOSA UWaterloo
 - Health occupation students of America
 - Non profit organization, provide students with opportunity in medical fields
 - Provide young professionals for self development through competitions
 - What we do?
 - UW chapter provide group study and information sessions and help financially to reduce competition related fees
 - Want to help students who want to become a health professional gain leadership skills
 - Students need to register with a chapter to participate in the competition
 - Want to provide opportunity to gain hands on experience outside of labs and strengthen grad school applications
 - Benefits: career exploration, networking etc.
 - Budget: looking towards \$600
 - About \$6 per participant to buy textbook and equipment
 - Holding study and information sessions
 - Covering refreshments, food, snacks etc.
 - Have a \$0 budget as of right now, trying to become a FEDS club (waiting on their decision) as well as waiting for AHS and scisoc funding
 - Asking scisoc for \$400:
 - Mostly going towards covering expenses \$300 and \$100 for holding sessions
 - Q&A:
 - VPI: do you have a rough number for amount of science students expected to attend?
 - Presidents of HOSA are projecting for 50 students, probably would be more. Most of the students expected to be science students
 - CHEM: what about AHS or engineering?
 - Open to everyone, not exclusive to science students
 - Have no had first meeting yet, don't know numbers, waiting to be approved
 - VPFA: how many execs were made up of science students?
 - Aware of 6 execs out of 27 who are science
 - VPI: looking to get funding from any other science related groups?
 - 3 main aer scisoc, AHS and FEDS, but will be actively looking for other funding after being approved by FEDS
 - PHYS: looking for any amount? Is there any base amount?
 - Ideally \$300 but open to any amount, would like to help as much as possible
 - CHEM: \$100 for sessions?
 - Towards food, snacks etc. during the sessions
- iGEM:

- What are we? One of the only researched focus science based on campus
 - Collab with other universities: synthetic biology
 - Inspect ethics of field and model these biological systems
- Present project annually in Boston conference
 - Have gained many nominations the past few years
- Interdisciplinary subteam
 - 19 science students, 7 from engineering, 7 math, 1 AHS
 - Mainly science and research
 - Have a lab located in B1
- Budget: have a pretty high budget but still working towards reaching the budget goal
 - Asking for \$250 to fund:
 - Poster costs (won best poster 3 years in a row!)
 - Wiki Weekendsface internal event: poster+presentation, need funding for food for attendees (2 weekends in a row, need students for 48 hours)
- For future direction in getting involved in science faculty, could possibly have a presentation of results every year, biohackathon (case competition), advertise eachothers group events etc.
- Q&A:
 - BSA: poster?
 - Big poster, scientific poster being presented at the conference
 - BUGS: training students to learn to code, only open for iGEM members?
 - Yes, have to teach basics of web development. Perhaps if getting this sorted in the future can open it to all students
 - SBSA: how many people came to the general lab event?
 - Ran it January 2016 with WiSTEM: 10 people
 - This event had 7 attendees but prepared for 20 students, maybe would have been better with more advertisement

Discussion of proposals:

- SBAT:
 - VPFA: being a FEDs club is important because we cannot give them money to a personal acc, can put this money into their FEDs account. Move away from providing funding for under FEDs
 - BUGS: seemed like asking for a lot of money even though their events are mainly scibus, didn't like that they asked for a year long budget but mentioned they they only had \$70 (but it was \$70 each term). Thinks that \$500 is too much.
 - VPI: although some events are catered towards most scibus students, scibus has the 3rd biggest program of science students
 - VPAF: they would be asking for 50% of the previous budget of \$1,000
 - VPI: would SBSA be working with SBAT in the future?
 - SBSA will be working with SBAT for a networking event this term, SBSA is more of a social slub whereas SBAT is for academic support and co-op support. SBSA found more value in SBAT events (co-op preparation)

- PHYS: speed networking is open to all students, looking to spend \$120 on it with 75+ attendees, would be willing to give money towards that event
- BSA: can we say that scisoc money has to go towards this specific event?
 - VPFA: can ask them to target this specific event with the money, but once we give them the cheque there is no authority over this, unless it was the collab with SBSA, can give SBSA money on their behalf
- Possible amounts:
 - BSA: not in FEDs, not opposed to giving them nothing. There is SBSA available, this club was scibus specific and there are scibus specific clubs like SBSA.
 - BUGS: \$205 to cover speed-networking and excel-excel, or \$225 to cover Velocity. Even though we can't force them to spend it there, they would use it appropriately. Willing to pull back to \$200 for rounded numbers
 - *Motion to allot \$200 of funding towards SBAT for excel-excel and speed networking event*
 - Motion by BUGS, seconded by BSA
 - All in favour
 - 0 oppose
 - 0 abstain
 - Agreed on allotting \$200 towards SBAT
- UW SFBP: \$175 ask for presentation transportation
 - BMSA: really like their presentation, think their group has a lot to offer at UW
 - BUGS agrees, likes inclusivity and opens discussion and that we are putting out money into something worthwhile, they're not asking for too much
 - CHEM: agree
 - *Motion to approve \$175 funding towards SFBP*
 - Second by BSA
 - All in favour
 - 0 oppose
 - 0 abstain
 - Approved full \$175 ask towards UW SFBP
- UW Pre-Vet Club: ask is \$380 to pay for all costs that aren't paid by FEDs
 - VPFA: found that most of their events are charity events, would like to have events for science students as well. Looked like they were getting a lot of money from charity events, could put some of that money towards their own expenses.
 - PHYS: they have speakers as well (veterinary background speakers), so maybe funding for that
 - VPFA: could let them collab with scisoc for career talks from that profession
 - VPFA: would motion not to fund them but to suggest to collaborate with scisoc or any clubs to do events. Can also suggest to use some fundraising funds.
 - VPA: Not as big as Pharm or Optom, but there are a few who are interested
 - VPFA: none of the events are towards helping students, most of the

fundings were to have fundraisers towards charities

- VPA: symposium event funding is for subsidizing travel costs
- SBSA: 12 members who attend the meetings are very small, maybe a small portion of funding can go to them (\$50)
- CHEM: thinks maybe \$50 for speakers and suggest them to collaborate
- WatRox: We have it in our budget to allot them some money so they can grow but agree with the idea to suggest a scisoc collaboration
- PHYS: they don't promote events, scisoc could potentially help advertise to boost attendance so the funding would be better used towards science students
- BSA: \$50 would be the max comfortable with, forces them to adapt and to grow, because beyond \$50 not sure what that money is going towards.
- VPI: Can give them a small amount and invite them back in the winter to make another proposal.
- WatRox: there is only 1 month left of term, \$380 is a lot
- Proposal:
 - BUGS and WatRox suggest \$100
 - *Motion to allot \$100 external funding for the term with an extension for them to apply again in the Winter if they do well:*
 - *By WatRox seconded by PHYS*
 - VPFA, WatRox, BUGS, SBSA, PHYS in favour
 - CHEM, BSA oppose
 - MNS abstain
 - Motion passes, will allot \$100 to Pre-Vet Club
- STEM fellowship club: \$200 for Meet and Greet, food, Writing workshop, advertisement, banner for promotional events
 - VPI: the scholarly writing challenge and Big Data challenge look like very good opportunities to have additions to their resume etc.
 - BUGS: felt like this was what SBAT was doing but on a larger scale, not to undermine anyone
 - BSA: \$200 seemed good
 - VPFA: because there was expressed interest, does anyone want to allot more than asked because we have \$1,250
 - VPA: they have not hosted an event so far so no idea of how many students would attend. Would be okay with giving what they asked but not giving more.
 - *Motion to give full funding \$200 seconded by CHEM*
 - All in favour
 - 0 oppose
 - 0 abstain
 - Full \$200 funding
- HOSA UW: asking for \$400 for study books for competitions and sessions
 - BMSA: based on what she knows, HOSA is a bit of a mess right now, no one knows what they're doing right now, have a huge exec team, not approved by FEDs yet.
 - BSA: exec team is around 20, and expected attendees are 50, most of the

- attendees would be the exec team.
- WatRox: maybe can invite them to come back once they are more organized with a better proposal
 - CHEM: exec who was hired just last week came to present and wasn't aware of much, shows they're unorganized
 - *Motion to fund \$0 by CHEM - second by BSA*
 - In favour: all except SBSA and PHYS
 - Against: 0
 - Abstain: PHYS, SBSA
 - Motion passes, HOSA will be allotted \$0 funding
 - iGEM: ask for \$250
 - WatRox: support iGEM but their total funding is bigger than scisoc total funding, they can find funding elsewhere.
 - PHYS: wanted to point out that most of that goes towards travel, accommodation etc. for the conference which takes a lot away
 - VPA: lab equipment is very expensive. Have attended other events and they are very open to collaboration, can definitely spend the budget to be more inclusive of others not just the team
 - BMSA: would like to confirm that printing posters for conferences is very expensive especially in colour. \$250 is reasonable for them to ask
 - BSA: wanted to clarify that the poster budget was a research poster
 - VPI: iGEM extended an invitation to collaborate further with them, we should take advantage of this, it is very well known
 - CHEM: agree with \$250, have done a lot of first place things that have shown a lot of success
 - BUGS: like the ambition, when students apply they feel like they're doing something bigger
 - VPA: over summer hosted O-GEM, paid for hosting all of Ontario iGEM teams
 - *Motion by CHEM for full funding \$250*
 - Seconded by BUGS
 - In favour: all
 - 0 oppose
 - 0 abstain
 - Motion passes, iGEM is allotted full \$250 ask

Come to conclusion of the funding.

- CHEM: would like to ask for SFBP to come back to ask for more funding

Reviewed the proposals:

- SBAT:
 - Rewarded \$200 for this term, in addition prompt SBAT to return for Winter external funding. SBSA spoke highly of SBAT and of these events.
- SFBP:
 - BOD thought presentation was excellent and well rounded, would like to allot full \$175. In addition, would like to prompt SFBP to come for winter external funding, hope to see more from SFBP in the future as well.
- UW Pre-Vet Club:

- Want to support speakers idea and help support club growth/awareness. Scisoc puts on a career talk with speakers from different professions, would like to collaborate in the future. Urge club to come back in the future for more funding.
- UW Pre-Vet Club would like to clarify that the speaker events require a small amount of funding only for future references
- UW Stem Fellowship club:
 - Thoroughly enjoyed the presentation. Thinks that the events will be very helpful to the science faculty. Would like to reward with the full \$200.
- HOSA:
 - BOD discussion did not lead to any clarity on understanding how this would affect science students at this time. Urge HOSA to come back at another time (winter external funding) to revisit and go through these points.
 - VPs can reach out for further explanation
- iGEM:
 - Thoroughly enjoyed presentation, want to help in efforts to win best poster as well as thank iGEM for their collaboration efforts, would like to work on the relationship.
 - Will award with the \$250 as requested

Anyone who would like to bring up any additional items may do so.

- No response

Move to adjourn.

Next Regularly Scheduled Meeting: October 26th, 2017