

BIOLOGY STUDENT
NEWSLETTER

AUTUMN QUARTER 2015

ISSUE 23

IMPORTANT DATES
FOR AUTUMN QUARTER

Sept 30	First Day of Instruction
Oct 6	LAST DAY to drop a class without a fee thru MyUW
Oct 7	Biology Apparel Day
Oct 7	All courses require entry codes to add, beginning
Oct 7	Last day to apply to Biology major in Autumn
Oct 13	LAST DAY to drop a class without the use of the ANNUAL DROP
Oct 20	LAST DAY to add a class through MyUW
Oct 28	Biology Networking Night
Oct 28	Last Day to Apply for Grad Reg Priority GSP for Winter
Nov 6-Nov 22	Winter Reg Priority Period 1
Nov 4	Biology Apparel Day
Nov 11	Veterans Day Holiday
Nov 17	Last day to use Annual drop or convert to S/NS
Nov23 - Jan3	Winter Reg Period 2
Nov 26-27	Thanksgiving & Fri Holiday
Nov 30	Mystery Flower contest ends
Dec 2	Biology Apparel Day
Dec 11	LAST DAY to Withdraw (from all Aut Qtr classes)
Dec 14-18	Final Examination week
Dec 21-Jan 1	Holiday Break
Jan 4	Winter Quarter Starts

CHAIR of the DEPT: DR. H.D. 'TOBY' BRADSHAW



Dr. Toby Bradshaw with his Harris's hawks.

Welcome Back to UW Biology!

I hope that many of you were able to spend the summer doing research in the field or lab, and are now ready to make the most of your Biology coursework. If you haven't yet participated in undergrad research, now is the time to jump in! Research experiences are the highlight for most students.

By this time next year, you will notice some very big changes in the landscape near Hitchcock and Kincaid Halls, because

construction of the new Life Sciences Building <http://www.biology.washington.edu/life-sciences-complex> will be underway on the site now occupied by the Greenhouse. This exciting new project will feature a first floor dedicated to teaching, with 4 state-of-the-art teaching labs, an active learning classroom, a café, informal learning spaces, and an outdoor deck overlooking the new greenhouse. The Life Sciences Building will open in the autumn of 2018. If you graduate before then, don't worry – you're still invited to the ribbon-cutting!

Please drop by the Biology Advising Office (Hitchcock 318) to plan your academic year, and to learn more about opportunities for taking courses at Friday Harbor Labs, study abroad, Exploration Seminars, undergrad research, and other exciting activities that enrich the time that you spend at the UW.

In case you didn't know, the Department of Biology awards more than \$35,000 in fellowships and scholarships annually to undergraduates. You will find the announcement of the Au15 call for proposals elsewhere in this newsletter. These fellowships and scholarships are made possible by the generosity of alumni, faculty, staff, and friends of Biology, with the goal of supporting you in your pursuit of a world-class education in biology. Please take advantage of all of the resources that are available to you while you are here!

Bests wishes for a successful 2015-16!

Toby

MYSTERY FLOWER: THE CONTEST for AUTUMN QUARTER

Win a set of 8 Greenhouse flower cards!

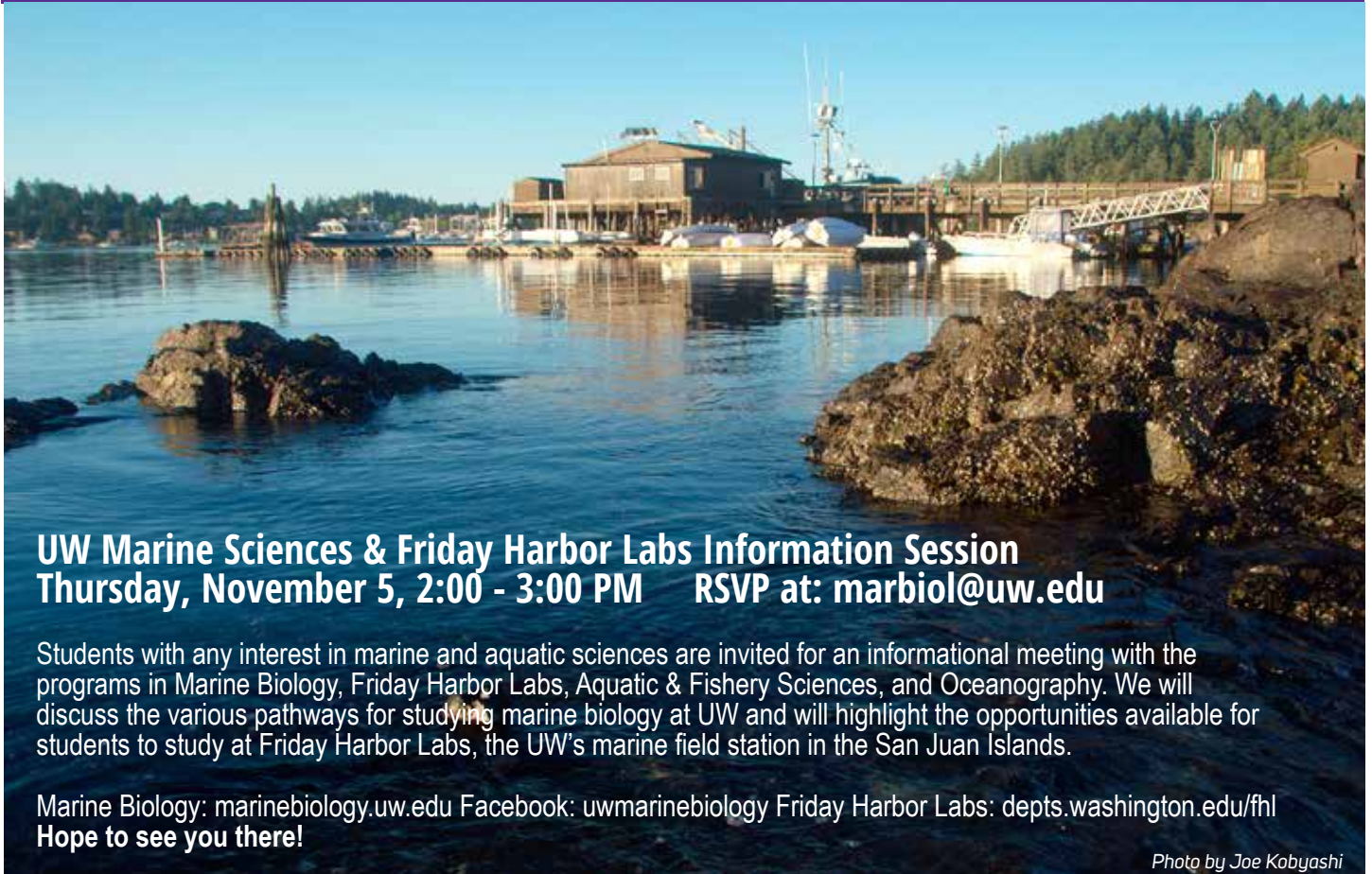
This is the Autumn Quarter mystery plant and it is blooming right now in the pollination garden at the greenhouse. Drawing after Thanksgiving.

Submit your best guesses into our Mystery Flower box in HCK Hall 3rd floor Atrium.

Questions: 1) Genus, species 2) What is the pollinator and why is it attracted?



FRIDAY HARBOR LABS IN THE SAN JUANS: Check out our FHL Info Session Nov 5, 2015



UW Marine Sciences & Friday Harbor Labs Information Session Thursday, November 5, 2:00 - 3:00 PM RSVP at: marbiol@uw.edu

Students with any interest in marine and aquatic sciences are invited for an informational meeting with the programs in Marine Biology, Friday Harbor Labs, Aquatic & Fishery Sciences, and Oceanography. We will discuss the various pathways for studying marine biology at UW and will highlight the opportunities available for students to study at Friday Harbor Labs, the UW's marine field station in the San Juan Islands.

Marine Biology: marinebiology.uw.edu Facebook: [uwmarinebiology](https://www.facebook.com/uwmarinebiology) Friday Harbor Labs: depts.washington.edu/fhl
Hope to see you there!

Photo by Joe Kobayashi

• MEET THE NEW MARINE BIOLOGY ADVISER

The UW has a long and rich history of faculty, classes and students working with the marine environment, and this is represented by the interdisciplinary Minor in Marine Biology. UW Marine Biology is a partnership between the Department of Biology, the School of Oceanography, the School of Aquatic and Fishery Sciences, and Friday Harbor Labs. Our program is celebrating the start of a new school year with several changes, including a new adviser!



Joe Kobayashi

photo by Eric Lemar

Joe Kobayashi started as the Marine Biology Adviser this past February, succeeding Christen Foehring (who started a new position with the College of the Environment Academic Affairs and Diversity team). He has over 8 years of experience as an academic adviser at the UW, and he previously worked as the Undergraduate Program Coordinator in Environmental Studies at the UW Program on the Environment. He has a background in counseling and guidance, and has been working for 13 years as a counselor at all levels from kindergarten to employment counseling. Joe's favorite thing about working for the Marine Biology Program? "The enthusiasm people have for life in the oceans. Everyone from kids to UW faculty get so passionate about studying Marine Biology, and it's exciting to see how anyone can get involved".

As the adviser, Joe's role is to help students with any interest in marine biology connect with resources. This might be an interesting elective course for your Biology major, a quarter at Friday Harbor Labs (the UW's marine field station), or the latest research opportunity. Many of these can help complete a Minor in Marine Biology, which can be an excellent way to represent your studies or interest in the field. No matter what your level of interest in the field, you are invited to make an advising appointment with Joe. To get started, check out our new website at marinebiology.uw.edu. You can check the list of courses required for the minor, read faculty profiles, and check for the latest news or events.

Marine Biology Adviser: Joe Kobayashi • marbiol@uw.edu • LinkedIn • 206.543.7426 • Fisheries Sciences Building, Room 114

POLLINATION IS THE DESTINATION: Visit before the icy hand of Winter reigns again!

Unlike animals, plants do not have the luxury of picking themselves up to search for water, sunlight, or mates.

Instead they are anchored to the place they landed as a seed and forever more are at the whim of nature. Plants have evolved a multitude of cunning ways to deal with their limitations, but among their greatest feats is the creation of the flower. Flowers did not evolve to beautify the planet, but rather to entice mobile creatures to carry precious pollen from one flower to another of the same species. Like billboards along the biological highway, flowers promise a worthwhile detour to potential pollinators. Whether bat, bird, or insect, each flower has evolved to best cater to their 'deliverymen'.

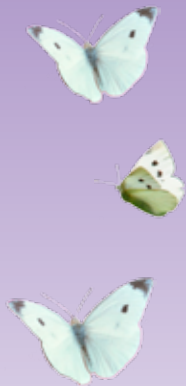
Just outside the UW Botany Greenhouse, The Pollination Garden has been growing all season and is now at its floral crescendo. Whether you want to learn how to unravel the secret messages in flowers or just looking for a quiet place to clear your mind, please come and enjoy the blossoms before the autumn frosts rupture the cellular integrity of the floral extravagance. (That is unless, of course, you prefer the Spartan landscape of skeletal remains that silently scream *momento mori*.)





CABBAGE LOVE BY DAN CABBAGE

INTIMATE & Quite Personal ADVICE for PLANTS



This issue of Cabbage Love is brought to you by the UW Botany Greenhouse. Thank you to reader Christine Savolainen for writing in on the behalf of her Dionaea muscipula.

AM I A MONSTER?

I am a 34 year old *Aristolochia grandiflora*, an avid climber, and I have regular polyamorous relationships with carrion flies. My giant, cream-colored flowers are streaked with maroon and on the first day they reek of a hot trash and dead mammal slurry, which drive the carrion flies into a mad frenzy. They swarm my flowers and worm their way deep into my chambered corolla where my stigma is ripe and ready for pollen. The inside of my floral tube is lined with inward pointing bristles, which prevent the flies from leaving. Deep inside the flies mate, lay eggs, and hungrily lap at my walls. The next day my fragrance disappears, the floral tube relaxes, and the hairs wither away. Finally the flies are free to go, but only after my anthers burst open showering them with my pollen. The other flowers have been accusing me of purposefully trapping my lovers against their will and starving them. My intention is never to kill the flies, but they are conveniently stuck because of my floral morphology. Am I an unknowing sadist?

— *Thanks, Kidnapping Is Not Kind*

I don't consider you a monster for having polyamorous relationships with flies or that you produce an earthy stench, KINK. I also don't believe you are a self-unaware sadist. (You would know, because their torment would bring you pleasure.) However, I do believe you are not being completely honest, so I can see why your fly parties may seem troubling to other flora.

It is clear from your reproductive rituals that you have control issues, which stem from your deep fear of inbreeding with yourself. The fleshy color and repugnant odor of your flowers falsely promise the carrion flies a hearty meal and a secure place to lay their eggs. Though you are starving the flies for one night, it is pale in comparison to 'accidentally' convincing the flies that your flowers are a place to raise their young. The fact of the matter is that the young maggots will starve to death once they hatch and this sheds light on your imprudent attitude to committing infanticide, which is NOT okay. So for that, you are a monster, KINK.

A BIG DEAL

DAN, I am a *Cobaea scandens* vine that just moved to Seattle from tropical Mexico and looking for love. However, I am starting to get a feel of the 'Seattle Freeze' and it is proving hard to find someone here that is passionate. I am a big plant in every way. I have thick stems and strong claw-like tendrils that allow me to scramble 40 feet up into the rainforest canopy without any effort. Along with my big stature I have large cup-like flowers to match – for which I am lovingly dubbed 'cathedral bells'. My garlicky-scented flowers start off as a tight cream-colored bud swelling in the tropical heat and – when ready – pop open revealing long stamens and a pistil. My flowers last a couple of days, but with every passing hour they fade into a deeper and deeper purple before falling off. I've had a few bee and hummingbird encounters, but they only ever seem slightly interested in me. They slip in and out for my ample nectar, but before I know it they are long gone and not even a single brush against my anthers and stigma! This has left me frustrated and dissatisfied. I want a pollinator who will plunge headfirst into my corolla, and find my fermented fragrance and sweet nectar reward irresistible. Am I doing something wrong or is this just a local cold shoulder?

— *Ready and Waiting*



Aristolochia grandiflora in Greenhouse Rm 6.



Cobaea scandens in Pollination Garden

I know us Seattleites can be a little reserved, but it is not out of malice. In fact, we are just too nice. Sometimes we don't make eye contact or acknowledge that you exist, because we don't want to burden strangers with unwanted interactions. It's hard to tell, so we resort to just giving everyone their space.

RAW, it sounds like you are sending out the right messages, but getting back the wrong answers. It's not your fault. Up here in the northern latitudes our pollinators are quite mild compared to the passionate pollinators you are used to back in tropical Mexico. It sounds to me that your wide-set flowers are a perfect match for nectar bats, but sadly we just don't have any brawny mammal pollinators up here. Though your flowers will go unappreciated by bats, luckily we have plenty of horticulturists up here with willing brushes.

DOOMED TO CONSUME?

DEAR DAN, Long time reader, first time writer. I am a 7 year old, single, bisexual *Dionaea muscipula*. Lately my flower stalk has only been 1 inch in height. For my species, our flower stalks are typically closer to 12 inches in height to prevent us from eating our own pollinators. Will I be able to still attract the attention of my pollinators and successfully reproduce with others of my kind? Or am I doomed to devour my pollinators and not reproduce with others? Thanks for your time, LOVE your column!

— **Venus in Seattle**

It sounds like you are in a difficult predicament, VIS, but I think there may be a reason for your condition. Aside from a random, but perfectly natural occurrence, your shorter than average stem may be caused by the cooler temperatures and lower light levels of autumn.

You may have begun to produce your winter traps, so compared to your more impressive summer traps your winter traps will be reduced to essentially small bud-like growths – nothing a pollinator will get ensnared in. These non-functional traps will not impede the virile ability of your shorter flowering stalk.

When summer finally shows its warm face next year, you may find that your stalks will be well endowed once again. If not, I think you're doomed to devour your pollen carrying lovers.



Dionaea muscipula in Greenhouse in Room 2.

I SAW YOU (the Greenhouse Edition): DR. STRANGE POD

HUNGRY EYES

When: August 15

A couple months ago I saw you on the other side of the *Amorphophallus* spadix when I was lapping up some pollen. You eyed me with a few of your ommatidia, but I was too hungry to say hello. I liked the way the sunlight glimmered off of your hairy back. Feces soon?

I saw a: Female, *Chrysomya megacephala*
I am a: Male, *Chrysomya megacephala*

DINING OUT

When: September 30

I was out that night picking up dinner and through the grass I saw you drinking from a *Massonia* flower. Your healthy coat gleamed in the moonlight as your face – a mess with sticky nectar and pollen – dipped in and out of the brush-like flowers. Since then I can't stop thinking about your hearty appetite. It looks like you know all the good places to eat. Care to show me around sometime?

I saw a: Male, *Gerbillurus paeba*
I am a: Female, *Gerbillurus paeba*

WELL BRED AND DON'T CARE

When: October 5

I don't care that you are a midnight partier. I don't care that you are a different species. I don't care that there are only 14 of my kind left in the wild. I've never felt more alive when your pollen dirtied my stigma the other day. Winter is coming soon, so let's create a new 'species'. Send your pollinators my way I will be eagerly waiting.

I saw a: *Petunia axillaris*
I am a: *Petunia exserta*

SWIMMING UP YOUR ARCHEGONIUM

When: November 10

Hey babe, your thick thallus is a beauty to behold. What are you doing way over on the other side of the damp log? If you're tired of splashing your gemmae cup grow this way and party with me. My antheridia are arching to meet your archegonia. I hope a rainstorm passes over us soon, so are gametes can meet.

I saw a: Female, *Marchantia polymorpha*
I am a: Male, *Marchantia polymorpha*

UW BOTANY GREENHOUSE: VISIT THE TEACHING COLLECTION BEFORE THE BUILDING GOES!

After growing for 50 years

the teaching collections at the UW Botany Greenhouse are at their peak, overflowing with alluring and curious plants from all over the world. This is the final autumn to see the lush botanical splendor of the greenhouse before it has to go to make way for the new Life Sciences Building and Biology Greenhouse. The plants of the teaching collection will begin their journey in early November to their new boarding homes, but don't worry, in two year's time the plants will be back with fresh leaves and new roots ready to flourish once again.

Hurry and come see the floral grand finale before this little slice of paradise becomes a crater in the earth.

We hope to see you around!



Room 2 - TEMPERATE HOUSE

From the most ancient plants that arose out of the primordial soup to the most modern of plants with their intricate designs; in this room, venerable mosses, ferns, and cycads intermingle with chic orchids and carnivorous plants. Of all the collections rooms, this house is the coolest in temperature catering to the resident plants' adaptive needs. Whether from the temperate regions of the world where it may get chilly but never freezes, or from the high elevations of the deep tropics, those plants don't like the heat of the lowlands. If you are of the same ilk, come and take a dip into the cool and calming environment of the Temperate House.

Room 7 - DESERT HOUSE the next page

As the wheel of plant fortune turns, desert dwelling plants are again basking in the radiant warmth of the public's conscience. With jewel-like succulents and alien flora decking the windows of shop fronts, gracing the pages of fashion magazines, and lining the windows of city dwellers, it is no wonder the Desert House is at its height of popularity. In here you will find denizens of arid lands perfectly adapted to life from high deserts to dry tropics. Come and marvel at nature's masterpieces of efficiency, defense, and disguise; but remember don't touch – you will probably regret it.



Room 5 - TROPICAL HOUSE



As you make your way through this room, imagine yourself as a wisp of moisture floating through the canopy of the rainforest where the majority of the plants in this room live. To escape a dim and dangerous life in the understory, epiphytic plants have evolved to live without soil allowing them to live high up in the treetops to bask in the ample sunshine and breathe in the fresh air. If you are a lover of exotic blossoms and unusual scents then you will love the orchids dripping from the walls in this room. As you wander through this room you won't be lonely as a cloud because here there are plenty of plant friends to keep you company.



Room 6 - TROPICAL HOUSE



Step in and let the sultry warmth of the humid air wrap around you like a silken robe. As you enjoy the lushness of the tropics, image yourself creeping through the forest floor staring up at the towering trees laden with epiphytes and lianas. With fragrant flowers blooming on and off through the year this room always smells the sweetest – unless you happen to visit when the flowers that reek of death are in bloom. Please come in to worship our chocolate tree, say 'hello' to one of our beloved corpse lilies, and tiptoe around our strangler fig (it has quite the gripping tale, really).

TRIBETA AND BIOLOGY CLUB: Come and join us for Biology learning and fun!



Tribeta Officers 2015-2016

President

CiCi Alsamarraie

VP of Communications

Jennifer Look

VP of Events

Julie Erlemeir
Elisha Egglink

VP of Meetings

Ellie Taagen

VP of Mentorship

Rajvir Singh

VP of Membership

Maddy McKeague

Secretary

Katie Sturtevant

VP of Advertising

Erica Alcantara

Treasurer

Aaron Neal

VPs of Tutoring

Sidney Drury



*Terrarium Night
coming this spring.*

CALLING ALL UW BIOLOGY STUDENTS!

Ready to make the most of a new school year? If you're looking to make the University of Washington feel more like home by finding your niche, look no further! At TriBeta Biological Honor Society and Biology Club, we are proud to be part of UW's largest major, offering plentiful resources and opportunities through a community of experienced Biology faculty and students brought together by TriBeta – all we're missing is you! TriBeta is ready to work with you in academics, volunteerism, and all-around fun via the services listed below!

TUTORING: Tutors who have excelled as students in BIOL 180, 200, and 220 are available to help students currently taking these classes through free one-on-one appointments (scheduled at <https://students.washington.edu/tribeta/tutoring.html>) or free Monday-Thursday 3:30-6:30 PM drop-in tutoring at the HCK 4th floor lounge – with snacks, reference books, and other materials provided! To become a tutor, email VP of Tutoring **Sidney Drury** (sdrury3@uw.edu).

EVENTS: TriBeta hosts multiple social events each quarter, such as signature fall Pumpkin Carving, spring Terrarium Night, and quarterly finals week Study Night. Along with promoting community within the Biology department, TriBeta's network extends to the campus and city via volunteering with organizations like UW Farms and United Way of King County. Send your ideas and requests for events to **VPs of Events Julie Erlemeier** (erlemj@uw.edu) or **Elisha Eggink** (elshae17@uw.edu). TriBeta to make students' ideas a reality, even if they are as creative and far-reaching as the Seattle 5K "Hero Hustle" fundraiser for Doctors Without Borders, organized by TriBeta and others last year thanks a TriBeta member's suggestion.

MEETINGS: Every quarter, an elite and engaging lecturer is invited to discuss his/her innovating research. Past talks have been on neuroprosthetics, morphological diversity of bats, the most effective ways to teach Biology, and more. Come learn about a topic you've never before delved into in this unique informal seminar, always held on a Thursday around 4:30 PM in Hitchcock, with pizza provided! Email **VP of Meetings Ellie Taagen** (etaagen@uw.edu) with questions or suggestions for talks, panels, and meet-and-greets. Whether your interest is learning from a leader in the Biology field, asking advice from a panel of health professionals, or socializing over snacks with the professors teaching your courses, TriBeta offers something for you!



T-SHIRTS: Show off your part and pride in what we deem the ultimate department on campus by sporting a UW Biology T-shirt! Shirts are designed and voted on by members, made by TriBeta, and sold every first Wednesday of the month in the Hitchcock 3rd floor lounge. \$15 T-shirts come in a myriad of colors and sizes, and long-sleeves, crew-necks, zip-ups, and sweat-shirts are also available. Proceeds are the sole source of funding for TriBeta events, meetings, and programs put on for Biology students. Plus, wear your Biology apparel to the Biology Advising Office on sale days for complimentary candies and entry for sweet Biology prizes! Pre-orders are possible; inquire with **Treasurer Aaron Neal** (aaronn3@uw.edu).

HONORS SOCIETY: While TriBeta's events and services are for all to enjoy as part of the Biology Club, everyone is encouraged to strive to join the TriBeta Honors Biological Society. TriBeta membership is a lifetime membership in a nationally-recognized honor society that graduate schools and employers look for and hold in high esteem. Members at the University of Washington chapter gain access to member-only events and perks, and receive a TriBeta certificate, key chain, sticker, and honor cords to wear at graduation. Anyone can become an Associate Member, but only those meeting the curriculum and GPA requirements may become Full Members. Full members have taken the entire intro Biol series (180-220) and have an average GPA of 3.0 or higher in these classes. If you do not yet meet these qualifications, you can join now as an Associate member, and obtain Full membership status when you meet them. To apply, email TriBeta advisor Dr. Linda Martin-Morris (lmorris@uw.edu) an unofficial transcript and a photo of yourself. For further inquiry, email **VP of Membership Maddy McKeague** (mckeague@uw.edu).

Here's to a school year of focusing on the fun side of Biology, making study buddies, and eating free pizza!

On behalf of all the Tribeta officers, we wish you the very best in this new school year, and can't wait to see you soon!

Aseel "Cici" Alsamarraie TriBeta President Autumn 2015-2016 alsamarr@uw.edu

FREE TRIBETA TUTORING: UW Intro Biology Series Biology 180, 200 & 220

UW Introductory Biology students: **The secret to excelling in Biology 180, 200, and 220 is discussing those new concepts and information with other students or asking your instructors questions to know if you fully and correctly understand the concept.**

This is where TriBeta can help! TriBeta Tutors are students who have taken the full 180-220 series, done well, and enjoy teaching. They can help you with material, concepts, study habits and many studying tips!

The study lounge also provides snacks FOR FREE.

There are two ways to take advantage:

- 1) Come to our study lounge on the 4th floor lounge in Hitchcock Monday - Thursday from 3:30-6:30 pm. The lounge is located right above the HCK 3rd floor entrance.
- 2) Sign up for 1 on 1 tutoring at the following link <http://students.washington.edu/tribeta/tutoring.html>.

If you want to do well in the intro series, try us out! If you have any questions or you would like to apply to be a Tribeta tutor feel free to e-mail [Sidney Drury](mailto:Sidney.Drury@tribetatutoring@gmail.com), at tribetatutoring@gmail.com



Fourth floor lounge in Hitchcock

UFARM : Lettuce grow things together!



The Farm has seen a bountiful and diverse summer season. Due to the early and warm summer we were able to reap crops such as cantaloupe, watermelon, and even okra (which was gifted to us by a former student farmer's farm in Tennessee). This year is our second round of the CSA program, and it is a great success with a more than doubling in shares- and we hope to expand even more next season! In addition, the farm stand continues- albeit with a new location- and this summer saw a whole host of fieldtrips, demos, and workshops including the very exciting addition of two new earthen ovens down at the CUH site. The Farm is gearing up for fall now, putting cover crop in the ground, harvesting winter squash and looking forward to all the new and returning students to come discover the magic of the UW Student Farm!

Our volunteer hours this quarter are:

TUESDAY 2-5:30

Mercer Court Apartments

WEDNESDAY 12:30-3:30

Center for Urban Horticulture

THURSDAY 11-2

Mercer Court Apartments

FRIDAY 12-5

Center for Urban Horticulture

Saturdays 10-3

alternating between
the Mercer Court and CUH site

**Stop by anytime during those hours
and lend the farmers a hand!**

**In Sunshine and Dirt,
the UW Farm Team.**



Check out our harvest for this year at the farm stand.

THE CLIMATE MINOR : Interdisciplinary, Quantitative and current!

News and opinions about earth's climate and global climate change can be found everywhere in today's media, but without a foundational knowledge of climate science, it can be hard to separate fact from fiction. The Climate Minor aims to give students a strong interdisciplinary foundation in climate science with opportunities to explore policy, energy, and human dimensions of climate change, and if you've taken BIOL 315 (Biological Impacts of Climate Change) you've already satisfied 1 of the course requirements, and 3 of the 25 required credits. The Climate Minor provides a clear track for undergraduates interested in an in depth study of climate science.

All climate minors participate in an integrative capstone seminar (ATMS/OCN/ESS 475—3 cr), where students participate in a weekly seminar series covering current research in climate science and targeted discussion section for undergraduates. This seminar is a small class with lots of discussion, led by the director of the Program on Climate Change.

MORE INFORMATION...

1. Miriam Bertram, Program on Climate Change can help with climate minor questions.
uwccc@uw.edu or p: 206.543.6521
2. Your departmental advisor will help you integrate the minor into your academic plan.
3. Information to your inbox by subscribing to: <https://mailman1.u.washington.edu/mailman/listinfo/climateminor>
4. Webpage hosted by the UW Program on Climate Change, click here.



BIOLOGY STUDY AREA : All Students are Welcome in Hitchcock 220



Mr Grasshopper doing his research work on one of the computers in the Biology Study Area.

The Biology Study Area (BSA) is a GREAT place to study with other students, use computers, or just to read.

Dave Hurley manages the BSA and can even answer your biology questions. If you forgot your textbook, you can check out one from the BSA staff if they have a copy.

The BSA has 27 computers, a Dawg-Print printer, scanners and a copier.

All students are welcome — not just Biology majors!
BSA is open Monday - Friday 8:00 am - 5:00 pm.

Dave has four undergraduate computer support staff, **Hiren Ajudia, Akash Jaswal, rley Martz and Sameuel Wesley** who will be staffing the Biology Study Area and programming, so you may see them around as well.

BIOLOGY NETWORKING NIGHT: Save the Date: Wednesday October 28, 2015

Want to know what people have done since they earned a degree in Biology? What would they do differently?

Then come to Networking Night with alumni from our department. Students will get a chance to hear people speak about a variety of professions, all with one thing in common: a degree from UW Biology (or Botany or Zoology from pre-merger years).

This event will be a small panel in a Q&A format of alumni where they share their career building experiences since graduation, talk about their respective career paths, what experiences influenced their decision to pursue a certain profession, successes and lessons learned. After the event, you might have the opportunity to talk to or get contact info from the participants.



INSTRUCTIONAL SUPPORT OFFICE / STUDY AREA / REGRADE DROP / EXAM PICKUP: HCK 302



In addition to the Biology Study Area on the second floor, Hitchcock 302 offers you an area to study with several tables and whiteboards for your use. We also host TA office hours throughout the week. Come by and check out the calendar outside our office to see if /when your TA(s) office hours are here.

This is the place to pick up your Exams . **Please note:** Exams will be kept for one quarter. If you took an exam in Autumn, it will be kept until the first week of Spr Qtr.

This is also the place to drop off your 180, 200 and 220 Regrades. *Just follow the signs!* Staff members, Gretchen Shirley-Bellande and Jeannette Takashima can help you.



GET CONNECTED IN BIOLOGY: Where to look today!

Biology Undergrad Listserve

The Biology Advisors maintain a listserv called biostudent. Anyone can request to be added to this email notification system. Notices regarding jobs, research, internship and scholarship opportunities as well as course announcements and event notices are sent out to this list. Want to be in the know? Visit this site and enter your information to request to be added to biostudent: <http://mailman1.u.washington.edu/mailman/listinfo/biostudent>:

Go to this site and you will see two gray boxes

- 1: Need to type in your email address (uw.edu address ONLY)
- 2: Need to type in your name (optional)
- 3: Need to check the box about list mail being batched
No — you will receive them separately
Yes — you will receive them all in one daily batch
- 4: Click the subscribe button and your part is done

UW Biology Department Website

www.biology.washington.edu

UW Biology Facebook Page

www.facebook.com/UWBiology

UW Undergrad Research Program

<http://www.washington.edu/research/urp/>

Botany Club

(<https://www.facebook.com/pages/The-Botany-Club-at-UW/198908630127686>) and email us at clubbot@uw.edu to join our mailing list.

Career Center at UW

<http://careers.uw.edu/>

TriBeta Honor Society & Bio Club

<http://students.washington.edu/tribeta/>

Beta Beta Beta is an honor society for students, especially undergraduates, dedicated to improving the understanding and appreciation of biological study.

The Biology Club is sponsored by Tri-Beta and is open to all UW students, faculty and sta

UW Farm

New blog: <http://blogs.uw.edu/uwfarms/> and <https://www.facebook.com/uwfarm>

The UW Farm is now a registered student organization with over 600 members. If you would like to learn more about the farm please join our listserv and facebook page and show up for a work party, or come to our next all-farm meeting.

Burke Museum

<http://www.burkemuseum.org/>

General Admission FREE to Burke Members, children 4 and under, and **UW staff/faculty/students**

Free Admission—Admission is free to the public on the first Thursday of each month.

Titanaboa: Monster Snake Exhibit

Aug 22, 2015 to Nov 15, 2015

AUTUMN DEPARTMENT AWARDS: Deadline to submit: Sunday November 15 at 11:59 pm

We would like to invite Biology graduate and undergraduate students to apply for our Autumn departmental awards.

Eligible students include students in the Biology PhD program and declared undergraduate majors. More information on the awards, including the application and how to apply can be found on our Graduate Awards and Undergraduate Scholarship webpages.

The deadline to submit applications is Sunday, November 15 at 11:59pm. All materials (with the exception of the letter of recommendation) must be submitted electronically to the appropriate Dropbox (link on the websites above) by that time. Letters of recommendation may be emailed directly to me at marissa3@uw.edu.

BIOLOGY ADVISORS: Undergraduate Advising in Hitchcock 318



Andrea Pardo, Jason Patterson, Janet Germeraad, T. Armadillo and Julie Martinez

The Undergraduate Biology Advising Department

OPEN: Monday thru Friday 8 am to 5 pm.

General Phone: 206-543-9120

We welcome UW and prospective students to contact us with any questions regarding an option in Biology.

Open walk-in:

Monday - Friday 9:00 am to 12 pm AND

M, Tu, W, F 1:00 to 4:00 pm, with Thurs 1:30 to 4:00 (office closed 12 to 1) or contact one of our three advisors for an appointment by phone or email.

The photo on the right (in the office decorated for the Campus Decoration Challenge) includes the advisors and the office staff of Room 318.

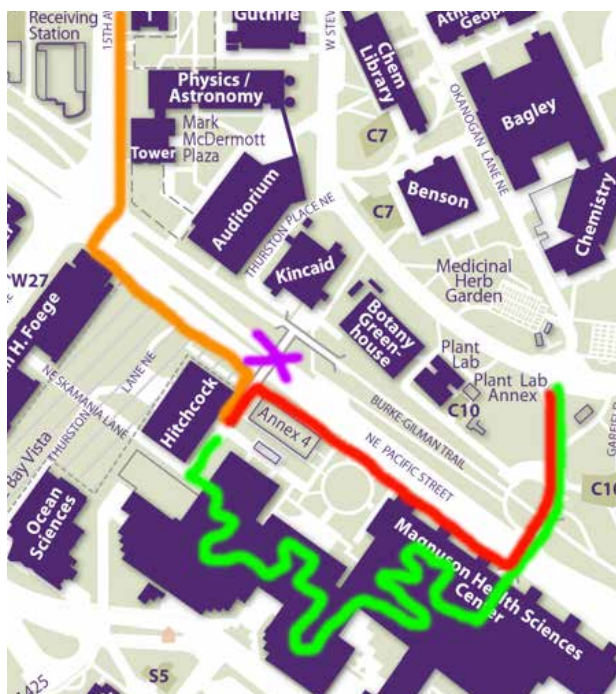
Advisors are: Jason, Janet & Andrea. Staff is Julie. And T. Armadillo, is a friend, of Dr. Karen P.

MISSING : Large Walking bridge connecting Hitchcock Hall to the World! (Until Sum 2016)

As of October 14th construction on the new expanded Burke-Gillman trail will cause the pedestrian bridge that connects Hitchcock to the rest of campus to close. (See Purple X). Soon after, the North side of Pacific will also be closed to pedestrians as well as a portion of the current Burke-Gillman trail. Please also note that the bus stop on the north side of the street will be moved for part of the construction. Be prepared now to find alternative routes when heading to classes in Hitchcock Hall.

You will have three options for your detour to Hitchcock.

The orange and red detours have been timed and you should plan for an extra 10 to 15 minutes. **The First Detour (Orange)** is to go down 15th to the intersection of Pacific. Cross Pacific and walk down the south sidewalk of NE Pacific Street and enter Hitchcock.



The Second Detour (Red)

from Stevens Way. Go across the overpass into Health Sciences. Go into the third floor of the building and exit on the first floor to walk up NW Pacific Street to Hitchcock.

The Third Detour (Green)

also starts from Stevens Way and crosses the overpass in to Health Sciences then you work your way through the T-Wing or even to the Rotunda of the Health Sciences building. You might meet a Minotaur. Good luck!

Advising Available

Biology Department

Walk-in Advising

Janet Germeraad

Jason Patterson • Andrea Pardo

318 Hitchcock Hall

Mon-Fri, 9:00 am–12:00 pm

M, Tu, W, F, 1:00 pm– 4:00 pm

Thursday 1:30 pm– 4:00 pm

Closed: 12:00 to 1:00 pm

Website URL:

<http://depts.washington.edu/biology/advising.htm>

Undergraduate Academic Advising and Office of Minority Affairs & Diversity

141 Mary Gates Hall

206-543-2550

Quick Question hours (Mon–Fri)

9:00 am–4:30 pm

or email advice@u.washington.edu

<http://depts.washington.edu/uaa/advising/index.php>

Biology Study Area (BSA)

220 Hitchcock Hall

Mon–Fri

8:30 am–5:00 pm

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