

BIOLOGY STUDENT
NEWSLETTER

SPRING QUARTER 2017

ISSUE 28

IMPORTANT DATES
FOR SPRING QUARTER

Mar 27	First Day of Instruction
Mar 31	Last Day to DROP A CLASS WITHOUT A FEE thru MyUW
Apr 3	All courses REQUIRE ENTRY CODES TO ADD
Apr 5	Biology Apparel Day
Apr 5-6	Grad Fair (ordering items) 10:00-5:00 MGH
Apr 9	Last Day to DROP A CLASS WITHOUT THE USE OF THE ANNUAL DROP
Apr 10-May 17	Summer Reg Period 1
Apr 20	Spring Career Fair 3:00-7:00 pm Hub Ballrooms
Apr 14	Deadline for name in UW Commencement Program (must submit a grad app for SPR 17)
Apr 16	Last Day to ADD A CLASS through MyUW
Apr 26	Biology Networking Night
May 3	Biology Apparel Day
May 3	Last Day to Apply for GRAD REG PRIORITY GSP for Autumn
May 3-21	Register for Commencement Cap & Gown Signups
May 5	Autumn Registration starts
May 13	Last Day to use ANNUAL DROP or convert to S/NS
May 18-Jun 18	Summer Reg Period 2
May 19	UGrad Research Symposium
May 29	Memorial Day Holiday
May 31	Mystery Flower contest ends
Jun 2	Last Day to WITHDRAW (from all Spr Qtr classes)
Jun 5	RSVP for Dept Celebration
Jun 5-9	Final Examination week
Jun 7	Biology Apparel Day
Jun 9	Biology Grad Celebration in Hec Ed 1:30-3:00
Jun 10	UW Commencement in Husky Stadium

DEPARTMENT OF BIOLOGY GRADUATION CELEBRATION
FRIDAY JUNE 9, 2017 1:30 to 3:00 pm

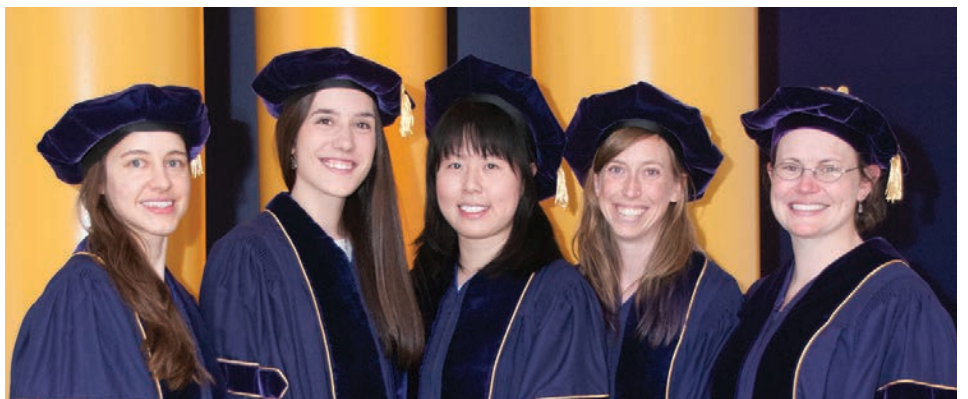
Not to be Confused with the Big UW Commencement on Saturday

The Department of Biology's Graduation Celebration will be held at Hec Edmundson Pavilion. At 12:30, Hec Ed doors open for family & friends. (Hec Ed seats 10,000, we have lots of room.)

At 12:30, Graduating students check-in at the south Hec Ed loading docks.

The program will include the hooding of PhD candidates and the reading of names for all the graduating seniors present. Each student will walk across the stage to be congratulated by either the Chair, Toby Bradshaw, or the Associate Chair, Horacio de la Iglesia.

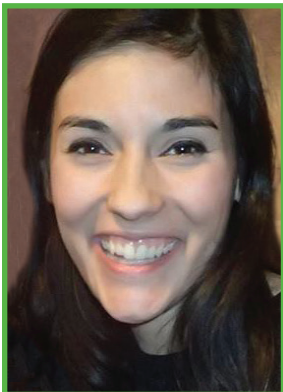
No tickets are required but ALL STUDENTS are required to RSVP by June 5 by completing the Biology Graduation Celebration catalyst form at: <https://tinyurl.com/uwbiology> . This RSVP is an additional requirement if you are participating in the departmental celebration. Then we will know you are attending AND you will get a name pronouncing card at check-in.



2016 PhD Candidates before their hooding.

Hannah Kinmonth-Schultz, Elisha Harris, Wen-Yang Linx, Emily Grason, Elli Theobald

STUDYING ABROAD: If You Can Not Take a Quarter Off Try an Exploration Seminar Class!



Hannah Winter, senior graduating this spring Biology (Molecular, Cellular and Development)

I never realized how much one could learn about themselves until I studied abroad this past summer.

I had the greatest opportunity thus far of my college career to travel to Costa Rica for an exploration seminar. The experience was surreal, the people I met were incredible, and the food was amazing. I knew early on during college that I wanted to study abroad and have the chance to travel and see a new country. I ended up choosing Costa Rica in particular because the program offered a class that pertained to my major and the country itself was beautiful. The program was also only 3 weeks long and it was the perfect fit for my rigorous pre-med schedule.

The highlights of the trip are so extensive that it's almost too hard to pick out the best moments. We really did get the full experience of Costa Rica while there. We travelled from San Jose, the capital and city life, to the rural areas of the jungles and cloud forests. I was able to see more wildlife and biodiversity than ever before, ranging from crocodiles and parakeets to howling monkeys and wild boars.

One of my favorite moments of the trip was when we stayed at a biological research center stationed out in the middle of the jungle in Corcovado. The researchers there were conducting several night walks along the beach and one night we were able to join. They showed us how to preserve the turtle nests and allocate them to the hatchery they had built on the shore. After the nests were protected, we had the chance to release some of

the recently hatched turtle eggs back into the ocean. It was such a remarkable time; the turtles were absolutely precious and watching them battle their way to the ocean had a positive effect on my outlook for the rest of the program. To see these little guys struggling but making it to the ocean, brought a feeling of strength and bravery to the group.

I'd definitely recommend studying in a new country. Despite the uneasiness of leaving home, it was a well worth trip. The credits I took while abroad transferred over and after petitioning the credits, now apply directly to earning my degree in Biology. The teaching differences from taking this class to what I've been used to was very distinct. I was able to learn a lot more by hands on work and reinforcement by being out in the field, rather than memory and lecture notes. All in all, the work I did for class was far more hands on and applicable to skills I need in order to be successful in any line of work for post-graduation. Studying abroad has really been eye-opening and allowed for growth in areas that I never knew needed work.



Turtle laying eggs



Olive Ridley baby turtle



Cloud Forest in Costa Rica

STUDY MARINE BIOLOGY AT FRIDAY HARBOR LABORATORIES: Minor in Marine Biology



INTERESTED IN THE MARINE ENVIRONMENT? Looking for a unique place to study and research? Spend a quarter at Friday Harbor Labs (FHL), the UW's marine field station. FHL is located on a nearly 500 acre biological and marine preserve just across the bay from the town of Friday Harbor on San Juan Island. Located about 70 miles north of the UW's Seattle campus, FHL is perfectly situated to explore the marine environment of the Salish Sea.

LIVING AND STUDYING AT FHL Taking a course at Friday Harbor Labs means living for a quarter in the San Juan Islands. FHL is a fully functioning campus of the University of Washington complete with dorms, dining facilities, classrooms, a computer lab and a library. While there, you become part of a close-knit community of students, researchers and faculty where the average class size is less than twenty students. Living steps away from the labs and the dock means constant opportunities for hands-on learning. Attending class might mean working in the lab, taking a field trip to one of the other islands, or going out on the R/V Centennial to collect samples or data. FHL offers a unique setting for your 'husky experience'.

MINOR IN MARINE BIOLOGY:

Complete a Minor in Marine Biology with a total of 35 credits of course work from Friday Harbor Labs, Biology, Aquatic & Fishery Sciences, and Oceanography. Most of the courses offered at FHL can be applied towards minor requirements. Learn more about the minor at marinebiology.uw.edu.

FOR MORE INFORMATION:

Visit the re-designed Friday Harbor Labs website today at fhl.uw.edu

Contact the Marine Biology Academic Adviser Joe Kobayashi at marbiol@uw.edu.

TWO PROGRAM OPTIONS AVAILABLE FOR AUTUMN 2017.

1. MARINE BIOLOGY QUARTER: build a schedule of 3-5 courses:

- FISH/OCEAN/BIOL 250: Marine Biology *
- OCEAN 210: Integrative Oceans
- FHL 305: Biology of Fishes
- BIOL 467: Comparative Animal Physiology *
- FHL 470: Research in Marine Biology *
- FHL 333: Science Writing for Diverse Audiences
- ENGL 365: Reading and Writing the Marine Environment
- ENGL 383/493: Creative Writing Lab
- FHL 490: Marine Sciences Seminar

* Note: Due to scheduling issues, it will not be possible to take the following courses together:

- Marine Biology AND Comparative Animal Physiology
- Marine Biology AND Research in Marine Biology

2. RESEARCH APPRENTICESHIP: A single, fifteen-credit research experience: OCEAN 492: Pelagic Ecosystem Function in the San Juan Archipelago Research Apprenticeship

Now in its 14th year, this very successful apprenticeship, Pelagic Ecosystem Function (PEF), uses the natural laboratory of the waters in the San Juan Archipelago to investigate the workings of a unique pelagic (open water) ecosystem. Friday Harbor is an ideal place for pelagic ecosystem studies because here, inputs from oceanic realms and major river systems are mixed by powerful tidal currents, creating an oceanographically complex habitat that supports a diverse community of plankton, fishes, seabirds, and marine mammals.

Apply now to study at Friday Harbor Labs for autumn quarter.

Current UW students from any major can apply to study at FHL for autumn 2017. Students must apply by July 1, with an early application deadline of May 15. Application details at fhl.uw.edu.



2016-2017 Executive Board

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maddymckeague@gmail.com

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TriBeta Biological Honor Society:

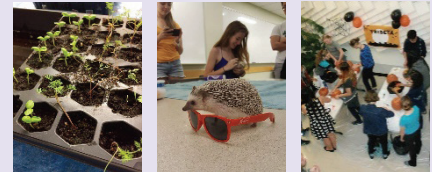
'What is TriBeta?' Beta Beta Beta is a national honor society dedicated to improving the understanding and appreciation of biological studies. It is a platform for students to earn recognition for their efforts and accomplishments while networking with other students and UW Biology staff with the same interests.

In short: a really great organization.



TUTORING

TriBeta Tutoring offers free tutoring for the Intro Biology Series (180/200/220). Tutors are available for one-on-one sessions as well as drop-in tutoring in the Hitchcock 4th floor lounge Monday – Thursday 3:30 pm – 6:30 pm (Free Snacks available)



MONTHLY MEMBER MEETING

The second Thursday of every month, join your fellow TriBeta members to play games, discuss the latest scientific discoveries, and have a great time! Our first Monthly Member Meeting will be April 13th.

UPCOMING EVENTS

- March 28th - Gender in STEM
- April 6th – BBB Induction
- April 13th – April MMM
- April 14th – T-shirt Design Contest
- April 20th – March for Science Event
- May 11th – May MMM
- June 1st – Study Night
- June 9th – Biology Graduation!!!

Keep an eye out for information on our Quarterly Seminar!



HOW TO JOIN

Full Membership is eligible to any student who has completed two intro biology courses (180/200) and one additional biology course with a minimum 3.0 GPA or higher. Further details and a short application can be found on our website

To keep up to date with TriBeta, visit our website and subscribe to our emails!
<http://tribetauw.weebly.com/>

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://tribetauw.weebly.com/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 [Liesl Strand](mailto:Liesl.Strand@tribetatutoring@gmail.com), at tribetatutoring@gmail.com



Fourth floor lounge in Hitchcock

UWFARM: Volunteers are an Integral Part of What Keeps the UWfarm Growing!



The UW Farm is a 1 acre, student-powered, urban vegetable farm located on 3 sites at the University of Washington's Seattle Campus.

Our mission is to be the campus center for the practice and study of urban agriculture and sustainability, and an educational, community-oriented resource for people who want to learn about building productive and sustainable urban landscapes.



Running a farm takes a lot of dedication and hard work and our farm volunteers are an integral part of what keeps us growing. If you are interested in learning more about sustainable farming practices, or just want to lend a hand to help support the UW food community we would love to meet you!

All are welcome to stop by

and visit the Farm or volunteer during any of our volunteer hours but if you've never been to the UW Farm before, please begin by signing up to be a volunteer (<https://depts.washington.edu/uwbg/support/volunteerNew.php>). This helps us track volunteers and insures you in case of injury.

Locations: Mercer Court, McMahan Hall & Center for Urban Horticulture

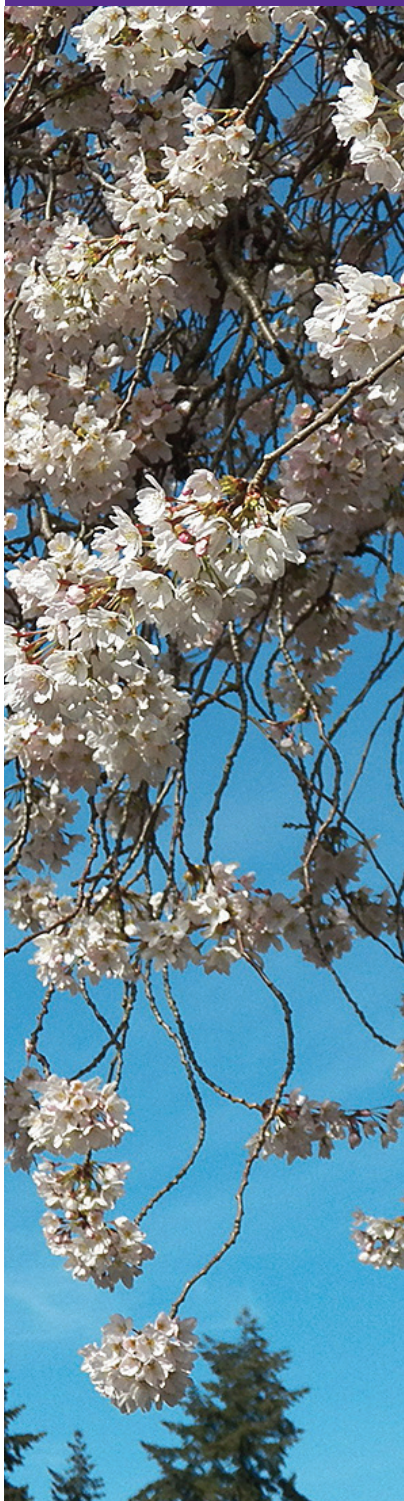


April Dirty Dozen Meeting - April 6, 2017
Thu 7:30 AM PDT · Mercer Court Apartments
Seattle, WA Community

All (and we mean ALL) are welcome to join for our "dirty dozen" meeting and learn how you can get involved and support the UW Farm during Spring quarter. There will be coffee and snacks! If you've never been involved, don't be daunted! We love all the support we can get.

April 7, 2017 Volunteer hrs 2:00 pm: Mercer CT Apts
April 8, 2017 Volunteer hrs 10:00 am: Mercer CT Apts
April 9, 2017 Volunteer hrs 10:00 am: McMahan Terrace
April 10, 2017 Volunteer hrs 1:30 pm: CUHorticulture
Check more on: www.facebook.com/pg/UWFacebook

SPRING Biology Department Award Winners: Congratulations to you all!



UNDERGRADUATE AWARDS:

Amalia & Craig Magaret Award:	Jose Verdezoto
Amalia & Craig Magaret Award:	Erin McClure
BEACON Lab Research Award:	Christina Puga-Salazar
Shawn DeCew BEACON Field Award:	Courtney Matzke
Casey:	Azlann Arnett
Friday Harbor Labs Award:	Devon Lombard-Henley
Franco Award:	Dara Yiu
Frye-Hotson-Rigg Award:	Courtney Matzke
Frye-Hotson-Rigg Award:	Cole Lysgaard
IDO PEER Facilitator Award:	Jordan Metz
May Garrett-Hayes Scholarship:	Ashley Senske
Porath-Johnson Scholarship:	Alex McKennon
Riehl Scholarship:	JayLee Morgan
Farner Scholarship:	Myesa Legendre-Fixx
Farner Scholarship:	Julia Joo
UW Biology Scholarship:	Ashly Senske

GRADUATE AWARDS:

Beacon Evolution Award:	Shawn Luttrell
Giles Award:	Ana Maria Bedoya
Edmondson Award:	Alex Lowe
Edmondson Award:	Will King
Friday Harbor Labs Award:	Zander Fodor
Harris Award:	Claire Rusch
IDO Grad TA Award:	Jared Grummer
IUVO Award:	Luke Weaver
Kruckebert-Walker Fellowship Award:	Meera Lee Sethi
Riddiford-Truman Award:	Gideon Dunster
Riddiford-Truman Award:	Yue Shi
Sargent Award:	Chuck Beightol
Snyder Award:	Megan Whitney
Wingfield / Ramenofsky Award:	Alex Lowe
WRF-Hall Fellowship:	Leith Leiser-Miller
WRF-Hall Fellowship:	Melissa Steele-Ogus
WRF-Hall Fellowship:	Will Brightly
Wyckoff Fellowship Award:	Itzue Caviedes Solis

Thanks to the support of our amazing alumni, faculty, staff, and community members, the Department of Biology awards thousands of dollars annually to students to support their research endeavors.

HCK 302: Instructional Support Office / Study Area / Regrade Drop / Exam Pickup

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:** This is also the place to drop off your Exam REGRADES. Just follow the signs!

HUSKY 100: Congratulations to Our Nine Biology Majors



The HUSKY 100 recognizes 100 UW undergraduate and graduate students from Bothell, Seattle and Tacoma in all areas of study who are making the most of their time at the UW. Here are the undergraduate Biology majors

Derek C ChenBiology (Molecular, Cellular & Developmental)
Yarid MeraBiology (Physiology)
Grace Nam.....Biology (Physiology)
Liesl Strand.....Biology (Molecular, Cellular & Developmental)
Kate TurkBiology (Physiology)
Michelle Ann WasanBiology (Physiology), Biochemistry
Rachael TamnginBiology (Physiology) Anthropology: Medical Anth & Global Health
Sneha KrishnanBiology (Ecology, Evolution & Conservation)
Diana Jimenez Sahagun ..Biology (Molecular, Cellular & Developmental)

BIOLOGY NETWORKING NIGHT: Save the Date: Wednesday April 26, 2017 6:00-8:00

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



Biology Networking Night is hosted by Jason Patterson in HCK 132.

BIOLOGY APPAREL DAY: The First Wednesday of Every Month & Get a Treat in HCK 318!

Biology Apparel Day happens the first Wednesday of every month. If you are wearing Biology Apparel on a first Wednesday of the month throughout the year, you can come to Hitchcock 318 (Advising) to receive a sweet treat AND an opportunity to submit your name for a chance at a grand prize.

The Tribeta Biological Honor Society started up T-shirt contests as another way for Biology Students, Staff and Faculty to support Tribeta and Biology club efforts and of course, show our UW Biology pride!

T-shirts are \$15, cash or check. You can purchase them on T-shirt day in the atrium of Hitchcock or in HCK 318. You can contact tribeta@u.washington.edu with any questions! **Biology Apparel Wednesdays in Spring Quarter are April 5, May 3 and June 7.**

SCIENCE INTERPRETATION PROGRAM: Volunteer With Pacific Science Center



It takes a big team to carry out our mission to ignite curiosity in every child and fuel a passion for discovery, experimentation, and critical thinking in all of us. Volunteers are an essential part of this community and we're looking for enthusiastic individuals to join us!

Fit your interests! Science Interpretation Volunteers should be passionate about STEM fields and excited to share their interests with the Science Center's visitors.

Fit your personality! Science Interpretation Volunteers primarily work with the public who visit the Science Center; volunteers should be enthusiastic, energetic and approachable.

Fit your schedule! We are looking for volunteers to fulfill a variety of day and time commitments, weekday availability is preferred.

Fit your needs! This is a great opportunity for adults looking to contribute to their communities, and for individuals who want to gain real-world experience.

Interested? Application details are available at: pacificsciencecenter.org

(Click on Volunteer with us) or you can contact: volunteers@pacsci.org | (206) 443-2868

BIOLOGY ADVISORS: Undergraduate Advising in Hitchcock 318



Jason Patterson, Janet Germeraad, Resident Mr Bones, Julie Martinez, Owl and Sheryl Medrano

THE UNDERGRADUATE BIOLOGY ADVISING OFFICE

OPEN: Monday thru Friday 8 am to 4:30 pm. General Phone: 206-543-9120

We welcome UW and prospective students to contact us with any questions regarding degree options 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 staff of Room 318. Advisors are: Jason, Janet & Sheryl. Staff is Julie.

MYSTERY PLANT: Win a Card Set of Flowering Plants at the Medicinal Herb Garden!

This is the Spring Quarter mystery plant. Submit your best guesses with your name and email into our Mystery Flower Box located within the third floor Atrium of Hitchcock Hall.

A drawing for the prize of a special limited edition set of eight Biology note cards featuring flowers and new growth in Spring Quarter in the Medicinal Herb Garden. Set of cards displayed in HCK 302.

GUESS THE ANSWERS:

- 1) What is the genus species?
- 2) Common name and why do they call it that?

THE HINTS:

1. Most animals avoid this plant because it contains calcium oxalate crystals, that causes a burning sensation when eaten.
2. Plant is native to the Pacific Northwest in swamps, wet woods, and other wet areas.
3. The plant was used by indigenous people as medicine for burns and injuries, and food in times of famine, when almost all parts were eaten.



BIOLOGY STUDY AREA : All Students Are Welcome in Hitchcock 220.

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 and one scanner.

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 (Biology), Carlos Jimenez (Biochemistry), Lyudmila Polevoy and Maura Kilpatrick who will be staffing the Biology Study Area and programming.



Mr. Grasshopper is typing up his research work on one of the computers in the Biology Study Area. He thinks the support staff is great.

Advising Available

Biology Department

Walk-in Advising

Janet Germeraad

Jason Patterson • Sheryl Medrano

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>

Biology Study Area (BSA)

220 Hitchcock Hall

Mon–Fri 8:30 am–5:00 pm

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