

REU Summer Guidebook

**UNIVERSITY OF MARYLAND
CENTER FOR ENVIRONMENTAL SCIENCE**

**CHESAPEAKE BIOLOGICAL LABORATORY &
HORN POINT LABORATORY**



CHECK LIST OF ITEMS TO BRING FOR YOUR SUMMER AT THE LABS

CLOTHING

- ✓ Sturdy casual clothing: jeans, light pants, shorts, t-shirts, etc. Dress is of course informal at the labs, but please keep in mind you are in an office setting, so casual is fine, but appropriate is required. Laboratory dress code regulations must be followed. Also, bring at least one nice outfit to wear when you are giving your presentations and at some meetings we will attend. Consider this to be business casual (e.g. nice pants and collared shirts for men and nice blouse/shirt and pants or skirt for women).
- ✓ Although summers are hot and humid, some warm clothing such as sweat shirt, jacket or wind breaker, sweater, etc., are often needed. It can still be cool in May, particularly on our research cruise during the first week.
- ✓ Rain gear - a must, as is a good sun hat, also sunglasses.
- ✓ Shoes or sneakers suitable for shipboard (that is, wettable and CLOSED TOE) plus regular shoes and sandals and shoes for wearing in the water (tevas, watershoes, old sneakers).
- ✓ Bathing suit.
- ✓ If you plan an excursion to Washington, D.C. or elsewhere, you may wish to bring some "better" clothing.

OTHER ITEMS

- ✓ Don't forget your camera! Also, fishing rods, tennis rackets, frisbees, volleyballs, etc.
- ✓ Seasickness -- if you get seasick (or think you might), bring Bonine or Dramamine. For most people, the TransDermScop ear patch works best, but it is a prescription item.
- ✓ Sunscreen -- nothing will put a crimp in your day like a bad sunburn, and the Bay is the place to get one! Do not forget good (SF12 to 30) waterproof sunscreen.
- ✓ Insect repellent -- there are rumors of a mosquito or two in Maryland. Be prepared!
- ✓ Linens, a light bedspread, pillow, and towels will be supplied at CBL and HPL (you may want to bring a beach towel also for both labs).
- ✓ Washer/Dryers are provided at HPL and CBL. You will need to supply detergent.
- ✓ You may want to bring a bicycle with you. Please let us know in advance if you plan to bring or ship a bike.
- ✓ Both labs have wireless internet access in the dorms. You should be able to access the internet from either your room and/or the dorm common room. In addition, both labs have computers labs for your use, if you are not bringing your own laptop.
- ✓ CBL is equipped with cable and a DVD player and has good television and cell phone reception. There is limited television and cell phone reception at HPL, however, there is a DVD player if you wish to bring DVDs or join NetFlix while at HPL for the summer.

CHESAPEAKE BIOLOGICAL LABORATORY

146 Williams Street, PO Box 38, Solomons, MD 20688

General Number (410) 326-4281; Dormitory (410) 326-7423 and -7338

CAMPUS

Detailed information about Chesapeake Biological Lab can be found at <http://www.umces.edu/cbl>. All REU fellows that are conducting research at the Chesapeake Biological Laboratory (CBL) will be housed in single and double dormitory rooms on the second floor of Nice Hall on the CBL campus. There is a common room on the second floor for the students to use and a full kitchen and a spacious gathering area on the lower level.

WELCOME TO CBL'S NICE HALL

Common Room

The common room on the second floor of Nice Hall is open 24 hours and cable television is available. As a courtesy to other guests, please maintain reasonable quiet while staying in the dorms.

Housekeeping Service

CBL provides 2 sets of bed linens, a blanket, comforter & pillow and two sets of towels. Laundering of bedding & towels is the responsibility of the students. Laundry facilities are provided within Nice Hall. Students are responsible for damaged or misplaced linens.

Please store all of your personal items in your room, not in the bathrooms or showers. Items left in the bathrooms will be thrown away each day by housekeeping staff.

Keys

Your room key opens the door to your room as well as the outside door to Nice Hall. Should you lose your room key, we will assess a \$25 charge for a replacement. This is for your safety and protection.

Kitchen

Each REU student is provided with his or her own locking food cupboard. A REU Pantry is fully stocked with cooking equipment, utensils, dishes and silverware. The kitchen provides a full array of cooking appliances (oven, stove, microwave, toasters, blenders, coffee maker & crockpots) as well as a refrigerator for REU use only and a dishwasher.

You are expected to keep the kitchen clean and tidy.

The CBL maintenance staff does not clean up after you. Please be considerate of ALL others using the kitchen facilities. Slovenly behavior will result in the loss of kitchen privileges. During the week, the maintenance staff will empty kitchen trash daily. On weekends, REU students MUST take the trash to the dumpster daily. Lack of doing so will result in pests in the kitchen.

Phone

There are no phones in the dormitory rooms. If you did not bring a cellular phone and need assistance making phone calls, see Stacy Hutchinson.

Regulations

There are certain established policies within the residence hall, some of which are determined by State law. While on campus, the following rules are non-negotiable. Disregard for these rules will result in your removal from campus. The following activities are not allowed.

1. Sell, use, or possess illegal drugs.
2. Use or possess alcoholic beverages.
3. Sell alcoholic beverages.
4. Cook or keep appliances in your room. The kitchen, located in the basement of Nice Hall, is open 24 hours.
5. Keep pets, unless service animal arrangements have been made in advance.
6. Smoke in any University Building.
7. Use a candle or other open flames in your room.
8. Play music/TV loudly after 11:00 PM.
9. Gamble.

10. Leave windows open while heating/AC is on or while you are away for extended periods.

OTHER CBL INFORMATION

Computers

Each dorm room has one computer jack. The entire campus has Wi-Fi. There are communal use computers in various campus locations. Your mentor will inform you about use of computers in their labs and offices. Information about computers and accounts will be presented at orientation.

Copy Machines

Your ID badge will provide you with an access for copying/printing at the Beaven Hall printer.

Laundry Facilities

Nice Hall is equipped with a washer and dryer.

Mail

Your mail will be left in the mailbox labeled with your mentor's name in the Mansueti Building.

Postage/Stamps

You may obtain stamps at the Solomon's Post Office in the Patuxent Plaza Shopping Center. There is a mail drop box in the Mansueti Building for outgoing mail that may be used Monday - Friday.

Parking Permits

Parking is free at CBL and no permit is required. If you plan to have a car at CBL, we will ask you for your license plate number and the vehicle make and model so we can notify you if there is an issue or your car needs moved.

Security

The University of Maryland and the Chesapeake Biological Laboratory assume no responsibility for loss and/or damage to a resident's personal property, regardless of the cause of loss. **LOCKED OUT???** Between the hours of 8:00 am and 5:00 pm, go to the Maintenance Facility or call ext. 333. Between 5:00 pm and 8:00 am if you are locked out of your office, laboratory, or dormitory, please call the off-hour emergency number – 410-326-7333 – or the student liaison. There is a fee charged for after-hour unlocks.

Laboratory Safety

The University of Maryland Center for Environmental Science (UMCES) recognizes the responsibility of protecting the safety and welfare of our campus communities and visitors. **Hazard Communication (HC)** is also termed the Employee **Right to Know Law (RTK)**. You have a Right to Know about the hazards that you might encounter on the job. Employees who work with or around hazardous material must have some knowledge of the materials and have a right to understand how the materials can hurt them and how to protect themselves from such harm. If you need to work in the lab or the field during off hours, please let someone know where you are going and how long you expect to be. If you do not return or contact that person within that time frame they should come and look for you. Accidents are not planned - having a Buddy System will help ensure you have a safe and enjoyable summer.

Bicycle Storage

Several bicycle racks are located throughout the campus to safely secure your bicycles.

Fitness

CBL has the river to swim in and a safe community for walking and running. Summer membership may be available at St. Mary's College's recreation center (with pool) and the College of Southern Maryland Recreation Center. Planet Fitness and the RowHouse are located in Hollywood.

CBL In-House Emergency Telephone Numbers

FOR AFTER HOUR EMERGENCIES DIAL EXT. 333 or dial 410-326-7333 from any telephone. Please reserve use of this number for true emergencies affecting physical plant, which include flooding, property damage, or power and/or equipment failures. The emergency number provides a list of personnel contacts, which redirects your call to the home telephone of the personnel contact you have selected.

Safety Information

As you check in to Nice Hall and the other facilities at CBL, please familiarize yourself with the different exits in

your building. In case of fire, or if you smell smoke, pull the nearest fire alarm, try to notify others and leave the building quickly.

Do not ignore fire alarms!!! If you are in your room, and smoke is not present, close your window. Feel your door before opening it, and do not open if it is hot. Seal the cracks around it with whatever is handy, and hang a sheet or jacket out the window to attract attention. If the door is not hot, open it very carefully. If the hall is free from smoke and heat, lock your door and exit by the closest exit.

If necessary for safe exit, there are fire escape stairs at the end of the building.

Move quickly by crawling when escaping through a smoke filled corridor. Place a wet cloth over your face and head. Once outside, move away from the building and any vehicle traffic. Do not re-enter the building until police or fire fighters say it is safe, even if the fire alarm has stopped. Note: The building fire alarm systems do not automatically notify the local fire department or police. Local authorities should be notified by calling 911 (do this from a safe location).

AROUND TOWN

Everything you need to know about Solomons, including where to eat, shop, what to do, etc. can be found on the Calvert County tourism website: <http://chooscalvert.com/> or the Solomons Business website: <http://www.solomonsmaryland.com/business-directory/restaurants-and-dining/>.

Farmer's Markets

Calvert & St. Mary's County has a wonderful Farmer's Markets throughout the summer. See links below

Calvert County: <https://www.calvertcountymd.gov/3356/Farmers-Markets>

St. Mary's County: <https://www.visitstmarysmd.com/directory/california-farmers-market/>

Hospitals

Calvert Memorial Hospital - 100 Hospital Road, Prince Frederick, MD (410-535-4000)

Solomons Urgent Care Ctr - 14090 S Solomons Island Rd, Solomons, MD (410-535-4000)

SOME THOUGHTS FROM A FORMER CBL REU

My first impression of Solomons Island and CBL was fabulous! I fell in love with the place at first sight!! I miss the island, the people, and the Tiki Bar everyday! I loved the life there because you could easily find social things to do or find a quiet getaway if needed.

The weekends were spent sunning on the Pier, going to a movie in the nearby town, driving into D.C. (only about an hour away!!) or walking around the island shopping and exploring. Honestly, I don't have enough words to even justify how much I enjoyed my time there and the Island and all its life.

All the professors are super cool- some of them will even join you at the Tiki Bar for happy hour!! One of my favorite aspects of the island is that you can walk just about everywhere. With the exception of laundry and food shopping day, just about every other thing to do is within walking distance which is fabulous because if you don't have a car, you won't be in any crutch.

What more can I say about it? The views are spectacular, 4th of July was awesome with a fireworks display shooting off from a boat in the middle of the River, the people are fabulous, one of the BEST Italian restaurants is there (a bit expensive, but VERY worth it!!)... I love the place!! It was by far one of the best times in one of the best places that I've had in my life.

Like I said earlier, I couldn't have enough positive praise to describe this place.

CBL Dorm Photos



HORN POINT LABORATORY

2020 Horns Point Road, Cambridge, MD 21613

General Number (410) 228-8200; Dormitory (410) 221-8214

CAMPUS

Detailed information about Horn Point Lab can be found at <https://www.umces.edu/hpl> (My HPL). All REU fellows that are conducting research at the Horn Point Laboratory (HPL) will be housed in double dormitory rooms at the HPL Acorn dormitory. There is a common room and kitchen/eating area for the students to use. REUs are provided with their own refrigerator to share among themselves.

Welcome to HPL's Acorn Dorm

The following info and house rules apply to everyone staying in the dorm. With the number of people sharing communal living quarters, common courtesy and common sense is a required necessity! Please be courteous of others living and working in these dorms.

Resident Assistant

A resident assistant resides at the Acorn dorm to assist with your common questions. The resident assistant is also available for lockouts and communication with the facilities department for maintenance needs.

Deck

The dorm deck is available for all residents to sit and enjoy the view. Please keep the deck and deck furniture clear of sporting equipment so that it is free for the resident's use. BIKES can be parked undercover on the walkway of the ramp entrance to the dorm as long as they do not block access to the ramp and doors. Any bikes that cannot be accommodated in this area must be parked on the grass, or in individual dorm rooms. Dive wear/ equipment should be stored in individual dorm rooms. If you need to dry out wet suits, booties, gloves, towels, etc. go ahead and drape them over the railings around the dorm overnight (or into the next day if necessary) but please don't use the deck and deck furniture as long-term storage.

Dormitory Room

1. You are responsible for keeping your room clean and neat.
2. Rooms may not be decorated or rearranged. Do not block air vents or ducts, install locks on doors or windows, apply paint or paneling to any surface, or construct room partitions. We also ask that you not hang posters or stickers on the wall during your short stay.
3. Bathrooms are for the use of all residents. Do not leave personal items in them.
4. The use of cooking, heating, or cooling appliances (hot plates, toasters, microwaves, etc.) in living quarters is prohibited.
5. Do not take the bunk beds apart.
6. Do not remove desk lamps from desks.
7. Keep your key with you at all times and lock your door when leaving the building.
8. Dorm rooms are not equipped with televisions. The television in the common area is a smart tv. Use of a streaming service account is at your own risk (i.e. Netflix, Amazon, and Hulu).

There are 2 settings for your door lock. One is when the button is pushed in and button ridge is oriented vertically (l). In this position the door will unlock every time the door knob is turned. However, when the button is pushed in and the ridge is oriented horizontally (-) the lock is in the permanent position, and you must twist the button until it is in the vertical position and pops out to unlock the door. Please keep your room door locked and your key with you at all times.

Fish

There are abundant fishing opportunities throughout the summer. Congratulations to those who find success. Unfortunately, as you know, fish smell bad. Fish need to be cleaned outside, and all fish byproducts and waste (scales, bones, skin, guts, heads, etc.) must be disposed of in bags and placed in the dumpster. Please store any fishing equipment you have in your room. The presence of hooks, knives, scissors, etc., strewn around the deck is dangerous to unsuspecting bare feet, and to kids who are on the property throughout the summer. Please also note that a Maryland Fishing License, obtained from Maryland Department of Natural Resources, is required on your person to fish in any waters in the state of Maryland.

General Use Living Areas

General use areas are scheduled for routine cleaning. However, please clean up after yourself to the extent possible. Furniture may be moved around but **not** removed from the general use living areas. The common rooms are open 24 hours and a smart television is available. Use of a streaming service account is at your own risk (i.e. Netflix, Amazon, and Hulu). As a courtesy to other guests, please maintain reasonably quiet while staying in the dorms.

Housekeeping Service

The housekeeping staff comes in to clean once a week, time permitting. Their cleaning includes **only** the following specific areas:

1. Bathrooms - Housekeeping will clean toilets, sinks and showers. **You are responsible for cleaning and removing your personal hygiene items.**
2. Trash- **Dorm residents are responsible for removing all trash to the dumpster located next to the student parking lot as often as needed.**
3. Common Areas - Housekeeping will periodically vacuum for normal messes/dirt in the kitchen, TV room, and hallways. **They are not responsible, however, for cleanup after parties, cookouts or movie marathons.** Again, residents are responsible for cleaning up after themselves.

Keep It Clean

Wipe down tables, stove top, and counters after preparing or eating meals. Take out the garbage when it is full. Sweep or mop up messes and spills in the kitchen. Use the dishwasher, and not the sink for dirty dishes. When the dishwasher is full, put some soap in it and clean a load of dishes. If the dishwasher is full of clean dishes, put them away. If you have enough time to prepare your food and eat it, make sure you take the time to clean up your mess. Everyone who uses the common rooms needs to participate in keeping them clean for all the residents.

Keys

You will receive keys to your room, your lab and the main building when you arrive at HPL. Your dorm key will also open the main doors to Acorn dormitory.

Kitchen

Food may be stored and prepared in the kitchen only. Safety and sanitation considerations require that appliances, dishes and utensils be cleaned and stored only in the kitchen area. You are responsible for washing and storing all appliances, dishes, and utensils used in the preparation and consumption of food.

There are two refrigerators provided for the REU students to share. Cooking and eating utensils and dishes are provided. Each REU student will be provided with a cabinet located in the kitchen with their name on it, to store food. Please only use cabinet with your name as space is limited. Also, remember you are sharing refrigerators as well. Please keep up with dated food, and clean your area when you prepare food in the kitchen. **You are expected to keep the kitchen clean and tidy.**

Linens & Laundry Facilities

All linens are supplied. The washers and dryers are for the use of the dorm residents only. Residents must provide their own laundry detergent. The basic rules to using these conveniences are:

1. Clean the lint traps before/after drying a load of laundry.
2. Clothing/cloth items only. This means **NO SHOES** as it damages the machines.
3. Do your laundry when you're there to empty the machines. There are a lot of people with a lot of laundry, and your wet/dry laundry sitting unattended shouldn't inconvenience anyone.

Parking

Parking is free and is available in the gravel lot off the side of the dorm, and along the driveway to the front of the dorm. No special parking stickers required. The entire cement area near the kitchen entrance is **HANDICAPPED** parking only! This is state law, so please refrain from occupying this space for any reason (loading, unloading, washing your car, etc.) as well as blocking the driveway leading to the handicap parking space.

Quiet

The walls and floors are hollow. You will be surprised and possibly annoyed by the amount of noise that people can make just by walking around in the dorm. Tread lightly late at night, close doors softly, and keep TV and stereo volumes down after 10:00 pm. There are two apartments directly on the other side of the **VERY** thin wall where the TV set is located. Please be respectful of the noise level (including outdoors between the dorm and the

cove, where the apartment windows are located) after 10:00 so everyone has a chance to get adequate, well-deserved rest.

Recycling

Recycling bins are provided and located on the front porch of the dorm. Accumulation of recyclables attracts critters that the dorm can do without. If you're going to be environmentally responsible, be responsible for the disposal of the recycling as well. Please **DO NOT** leave recycling on kitchen counters.

Smoking

All buildings on campus are non-smoking buildings. This is State law. Furthermore, the ventilation system in the dorm connects all the rooms in the dorm. Therefore, smoking in one room, even after hours, and even with the door closed, can be detected by anyone breathing through their nose. Smokers are welcome to indulge on the dorm deck, where a sand bucket for cigarette butts is provided. Please dispose of your butts in the sand bucket or trash cans, and not the grass, deck or parking areas.

Temperature

Please do not open your windows or adjust the thermostats. Thermostats are located near the door, in rooms at the end of the hall furthest from the kitchen. The temperature control for ALL the rooms and hallways for each floor are controlled by thermostats in these rooms. This means that if you open your window to cool your room down, the rest of the floor gets progressively hotter because the thermostat thinks ALL the rooms are as cool as yours and turns off the AC for all the rooms. If your room temperature is uncomfortable or unbearable, you need to let someone (housekeeping or maintenance) know so that a solution to the problem can be formulated without making the rest of the hall residents miserable.

HPL DORMITORY SAFETY & SECURITY REGULATIONS/GUIDELINES

Fire:

Fireworks, firearms, lighted candles, gasoline, kerosene and other flammable fuels and their containers are prohibited. Familiarize yourself with emergency telephone numbers and the location of exits. If the smoke detector sounds or you see fire or smell smoke, pull the fire alarm and get out of the building! Do not attempt to put out the fire unless you know how to use an extinguisher for a small fire. Call 911. Never tamper with sprinklers, pipes, pipe coverings. Do not hang objects from them or place furnishings or decorations near them.

General

1. There is no smoking in the dormitory or any building on campus.
2. Alcohol may be stored and used only with specific permission of the Director of HPL.
3. Do not change thermostats.
4. Cats, dogs, birds, fish and other animals are prohibited in the building. Guide dogs for visually or hearing-impaired individual are permitted.
5. When trashcans are full, please bag the trash and take it out to the dumpster. Please place recycling in the respective bins located on the front porch.
6. Food may be stored and prepared only in the kitchen. Residents are responsible for washing and storing appliances, dishes, and utensils used in the preparation of food.
7. General areas will be routinely cleaned. Each occupant should leave the premises as they found it.
8. Furniture may not be removed from the general use areas.
9. Do not leave personal items in the bathrooms.

Emergencies/Suspicious Activity

If someone is injured and needs an ambulance, call 911. 911 can be dialed from any campus extension by first dialing a 9 to get an outside line. If you notice suspicious activity or there is an urgent threat of danger, please dial 911 and get to safety.

When to Call Maintenance (On Call Personnel)

After Hours/Weekends: On call maintenance personnel should be contacted (410-221-8334) to respond to the campus in the event of an EMERGENCY which would cause personal injury, machinery or property damage.

Safety Policies and Procedures: <http://www.hpl.umces.edu/safety/>

SOME THOUGHTS FROM A FORMER HPL REU

DID I ENJOY MY REU EXPERIENCE?

I want to begin by saying that becoming an REU is one of the best decisions I ever made. I was interested in grad school when I took my REU position, and if you are too, I strongly recommend taking this opportunity. Even if you want to work right after college, my REU experience has been really imperative for my resume. It will make you stand out from other candidates for jobs, other internships and grad school.

HOW ARE THE OTHER REUs?

The other REUs were fantastic people. I go to the University of [Big State School], and here it is difficult to find people who are passionate about their interests (mainly because the place is so damn big). I learned that programs like the REU program with Maryland Sea Grant attract interesting people from all walks of life. I've met some of my greatest friends at HPL.

HOW ARE THE OTHER HPL PEOPLE?

Every single person that we encountered at HPL was amazingly friendly, and helpful, in the event you need to take up their time to help you do something or another. I was very impressed by the general kindness of everyone at HPL, from professors to secretaries and everyone in between. You will most likely never feel like you're being snuffed or spoken down to.

WHAT'S THE WORK LOAD LIKE?

The work load is what you want it to be. For the most part, your advisor will give you a good amount of freedom to plan your work schedule. You will most likely work some weekends and late nights (because YOU will realize that you want to get more done than you can during a regular 8 hour work day—and that really does happen).

WHAT'S IT LIKE TO LIVE IN CAMBRIDGE?

We went to Ocean City (about a 1.5-2.0 hour drive) ALMOST EVERY SUNNY WEEKEND. Cambridge is very basic. You've got grocery stores, a movie theater and a couple of bars in the 'Downtown' area. There is a good number of restaurants too. Also, there's a beach about 40 feet from the dorm. The beach isn't anything too spectacular (about 15 ft long and extending 4 ft from the water), but I definitely am guilty of having shown up late to the lab because I was swimming in the morning/afternoon.

THINGS I WOULD DO OVER?

I would have brought my car. If you do not have one, it's not THAT big of a deal, but if you have the option, you get free parking and freedom to go to the grocery store whenever you please (although you should be prepared to help out others who don't have a car by carting their butts around every once in a while).

WHAT WOULD I DO IN YOUR POSITION?

Jump at the opportunity to go to HPL as an REU! Not a single REU last year ever said anything negative about their experience. It was the best job I ever had.

HPL Dorm Photos





HAVE A SAFE AND EXCITING SUMMER!