Mission Statement

The Department of Chemistry and Biochemistry at UCSB is dedicated to performing cutting edge chemical and biochemical research in an environmentally and ethically sound manner, in service to the county of Santa Barbara, the state of California, and the world. We are committed to addressing the grand challenges that humanity faces in the 21st century and believe that chemistry and biochemistry are at the forefront of this endeavor. In accord with this mission we strive towards excellence in undergraduate, graduate, and outreach education, and we will instill in our graduates the skills and drive necessary to meet these challenges.
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I. FINDING A HOME:

Make house hunting easier by utilizing the campus housing office and their great website: www.housing.ucsb.edu. Take advantage of the fact that landlords like to rent to graduate students. Most people say you should be able to find housing within a few days to a week of arriving, depending on what you are looking for. It is best to arrive in late August or early September (before the undergrads return). The basic options are to:

- **Rent a room in a private house.** This is a (relatively) cheap way to live, and you usually have full house privileges, although some folks feel it offers less privacy. (COST: $750/month and up—depending on the level of privacy you want, i.e. private bath, private entrance, etc., cost extra—most utilities are usually included)

- **Share a house with other students.** This can be a lot of fun and is a great way to meet people. There are rooms for rent in “Student Households” as well as in “Grad Student Households”--beware of rooming with undergraduates who won’t necessarily share your “work ethic”!! (COST: 4 bedroom houses are ~ $4100-4800/month + gas, water, electric, phone, trash, and cable). A lot of landlords have gardeners who maintain the outside of the house for you.

- **Rent or lease an apartment.** This gives the option of living alone or with just one other person. (Cost: 2 bedroom/2 bath apartments start at $2700-3100/mo with some utilities included occasionally)

A. Housing Resources

Probably the best place to start searching for a home is the Community Housing Office (CHO), located in the University Center (UCen), room 3151. The CHO may also be contacted by phone at (805) 893-4371 or online at www.housing.ucsb.edu/cho. The CHO provides numerous listings of rooms, houses, and apartments throughout the area, as well as guidance and advice on the logistics of finding a place and the legal aspects of renting.

If you are interested in university-owned housing, you should visit the Graduate Student Communities web page at http://www.housing.ucsb.edu/community/graduate-student.

Occasionally, students within the Department of Chemistry and Biochemistry will have openings in their homes. You will be invited to join the UCSB Chemistry and Biochemistry graduate students’ Facebook group after submitting your Statement of Intent to Register at UCSB. You can use the Facebook group to connect with other people who are planning to arrive in Santa Barbara at about the same time. If you are planning to live with other new grad students, we suggest discussing a few important points, such as whether you would prefer to live in a house or apartment and whether you want to live in Isla Vista, Goleta, or Santa Barbara (see discussion below).

Other rental listing options include the following:
- Santa Barbara Independent: www.independent.com/classifieds/
- Santa Barbara Craigslist: santabarbara.craigslist.org
- Santa Barbara News Press, particularly the Sunday edition: www.newspress.com
Copies of local papers can be found wherever newspapers are sold, including the UCen and the Arbor, or at the CHO. Finally, you can scope out kiosks all over campus for any notices asking for roommates or tenants.

**B. Location**

The area surrounding UCSB is divided more or less into four sections: Isla Vista ("IV"), a student community directly west of campus; Ellwood and Winchester Canyon, a suburban section northwest of campus; Goleta, another suburban spread north and east of campus; and the city of Santa Barbara, which is 5 (city limit) to 20 (downtown area) minutes* (by freeway) or about 12 miles east of campus. The University also owns housing near campus for grad students and students with families. Whatever your priorities in choosing a home, the following highly subjective comparison points highlight the pros and cons of each area.

*Californians, both native and transplanted, tell travel distances in terms of time rather than miles. Particularly near LA, distance has very little relationship to actual travel time...

2014 Average prices for Apartments in Isla Vista, Goleta and Santa Barbara:

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Isla Vista</th>
<th>Goleta</th>
<th>Santa Barbara</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studio</td>
<td>$1200</td>
<td>$1125</td>
<td>$1250</td>
</tr>
<tr>
<td>1 Bedroom</td>
<td>$1600</td>
<td>$1520</td>
<td>$1800</td>
</tr>
<tr>
<td>2 Bedroom</td>
<td>$2875</td>
<td>$2770</td>
<td>$3100</td>
</tr>
<tr>
<td>3 Bedroom</td>
<td>$3980</td>
<td>$3568</td>
<td>$4200</td>
</tr>
<tr>
<td>4+ Bedroom</td>
<td>$4800</td>
<td>$4100</td>
<td>$4500</td>
</tr>
<tr>
<td>Room in Home*</td>
<td>$750</td>
<td>$800</td>
<td>$850</td>
</tr>
</tbody>
</table>

*Rooms in private (non-student) homes usually include utilities.
See more at: [www.housing.ucsb.edu/cho](http://www.housing.ucsb.edu/cho)

i. **Isla Vista (IV)**

Isla Vista is a community of approximately 20,000 residents covering about 1 square mile of physical space. Populated primarily by undergraduates (though families, faculty, and other community members live there as well), IV can be noisy and crowded. On its main Oceanside streets, Del Playa and Sabado Tarde, you can usually find a party any night of the week during the school year. Rent can be high for the quality of apartment (or lack thereof). On the flip side, IV is a “happenin’” place, very exciting, and many people who live there enjoy it. Also, IV is your best bet for affordable housing within walking distance to the beach and UCSB. The west side furthest from campus can be more subdued. **Note: anyone living within a two mile radius of UCSB is not allowed to buy a parking permit on campus— which covers all of IV.**
ii. Ellwood / Winchester Canyon

Ellwood offers suburban neighborhood housing and attracts a number of grad students to its relaxed ambience. Anticipate life on the flight path into Santa Barbara Municipal Airport. (No planes between 10pm and 7am, though.) Special precaution for cyclists: expect to bike into the wind every night on the way from UCSB to Ellwood. The bus to/from campus takes approximately 20+ minutes.

Winchester Canyon is situated just opposite of the 101 from Ellwood, so it is a bit further from campus (4+ miles), but is also nestled further into the orchards and hills. Like Ellwood, it has suburban housing – mostly 4 bedroom family homes. Beautiful views of the mountains, quiet neighborhoods with an elementary school, a high school, and a frisbee golf park are just a few of the things Winchester Canyon has to offer. It should be noted, however, that biking to school does require travel over the 101. The bus to/from campus takes approximately 25+ minutes.

iii. Goleta

Goleta also features typical suburban homes and neighborhoods relatively close to campus. For cyclists, the area east of Highway 217 and south of Highway 101 provides the perfect haven. There is a cycling path along the beach/coast leading directly to the Chemistry and Physical Science North Buildings, our hub. Beware of downtown or “Old Town Goleta” for its less-than-idyllic character. And don’t expect scintillating nightlife pretty much anywhere in Goleta.

iv. Santa Barbara

If you want easy access to nightlife and a more “cosmopolitan” feel, Santa Barbara proper may be your ticket. Rent is generally comparable to Ellwood or Goleta, and you are much closer to whatever “action” may be happening in the area. Prepare for a serious commute though: at least 15 minutes by car and (for the gonzo cycling types) 45 minutes by bike. There is, however, an express bus service between downtown SB and the campus. See www.sbmtd.gov.

C. University-Owned Housing

For complete information and options on University-owned housing options, go to www.housing.ucsb.edu/community/graduate-student and check out a comprehensive list of FAQs at www.housing.ucsb.edu/faqs.

The San Clemente Villages (www.housing.ucsb.edu/residences/san-clemente-villages) are a 973-bed complex that opened in the 2008-2009 academic year. San Clemente is sited at the El Colegio Road border of the Storke fields, making it in close proximity to Isla Vista as well as UCSB. The 325 apartments are made up of a combination of one-bedroom, two-bedroom, and four-bedroom units. San Clemente is the first housing facility dedicated to single graduate students. There are also several community buildings that provide laundry, meeting areas, and study space. To be guaranteed a space in San
Clemente Villages, apply online and adhere to all application procedures and deadlines. All apartments are furnished and monthly rates include gas, electricity, water, garbage pick-up, cable for television, wired and wireless internet access and parking.

An upcoming apartment complex is San Joaquin Village (www.housing.ucsb.edu/residences/san-joaquin). Currently being built, it is expected to house 312 students by Fall 2016 and approximately 1,000 students when it is completed. San Joaquin is located at Storke Campus Housing Complex, situated next to the Santa Ynez Apartment complex and behind Santa Catalina, a first-year residence complex. The apartments will all be 3-bedroom, 2-bath with double occupancy (meaning 2 students per bedroom). Amenities will include study rooms throughout the entire complex, a ResNet Office, a RHA office, a UCPD/CSO satellite office, a counseling center, a wellness center with massage chair, and a market with local and sustainable food options. All apartments are furnished and monthly rates include high-speed wireless internet access, regular housekeeping and landscaping in community spaces, on-site laundry rooms, gas, electricity, water, garbage pick-up, and 24-hour on-call maintenance and emergency staff.

D. Family Student Housing

Students seeking family housing can also apply via Housing and Residential Services (www.housing.ucsb.edu/residences/storke) to live in either the West Campus or Storke Campus Complexes. According to the CHO, families with children can expect to wait 6 months or less while families without children generally wait about 6-12 months. Residents vacate throughout the year. Your turn for assignment is based on your application date, your apartment preference and your desired move-in date. Your flexibility in apartment style and move-in date will help us accommodate you earlier than if you have specific requests, but we have known it to be faster in many cases.

E. Interim Housing

While enduring the search, you can stow your belongings and yourself in a local motel, throw yourself to the mercy of your Chemistry & Biochemistry Department student contact, or, if it is available, stay in university-provided temporary housing. For further information, visit www.housing.ucsb.edu. From August 29th to September 19th, UCSB will accommodate incoming students who have not yet secured housing in the Santa Rosa Residence Hall for ~$57.00 per night (double occupancy). You will need a valid UCSB Registration Card or a letter confirming that you have been admitted for Fall Quarter.

II. SETTING UP HOUSE

A. Furnishing Your New Place

The following resources may be useful in locating furniture and household items:

- Sears: 3845 State St. Santa Barbara, CA 93105 (805) 569-6728
NOTE: they deliver beds.

- At least 6 bed/mattress/futon/furniture stores are located in Old Town Goleta between 5968 and 5600 along Hollister Ave.
  - Just to name a few: Parkway Furniture, Fairview Furniture, SB Mattress Expo (see Yellow Pages - www.yellowpages.com/goleta-ca/furniture-stores)

NOTE: some of these stores also deliver beds.

- Bed Bath & Beyond (189 N. Fairview Ave. Goleta, CA 93117)
- Kmart (6865 Hollister Ave. Goleta, CA)
  - NOTE: NO Target or Walmart within 40 miles
- Thrift stores in Goleta and downtown Santa Barbara
  - Alpha Thrift Stores: alphasb.org/thrift-stores
  - Destined for Grace Thrift Stores: www.destinedforgrace.org/stores
  - Goodwill: www.goodwill.org
- Garage sales!!
- Craiglist Santa Barbara (santabarbara.craigslist.org)

### B. Utilities

The following are utility companies in the area:

<table>
<thead>
<tr>
<th>Utility</th>
<th>Company</th>
<th>Phone / Website</th>
<th>Website / notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric</td>
<td>Southern CA Edison</td>
<td>1-800-655-4555</td>
<td><a href="http://www.sce.com">www.sce.com</a></td>
</tr>
<tr>
<td>Gas</td>
<td>SoCal Gas Company</td>
<td>1-877-238-0092</td>
<td><a href="http://www.socalgas.com">www.socalgas.com</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>Various</td>
<td><a href="http://www.connectmyphone.com/local-phone-service/CA/santa_barbara">www.connectmyphone.com/local-phone-service/CA/santa_barbara</a></td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>Goleta Water District</td>
<td>805-964-6761</td>
<td><a href="http://www.goletawater.com">www.goletawater.com</a></td>
</tr>
<tr>
<td>Cable*/Internet</td>
<td>Cox Communications</td>
<td>1-866-961-0027</td>
<td>www2.cox.com/residential/home.cox</td>
</tr>
</tbody>
</table>

*FYI: without cable, there is not much that is not static*

### C. Food Shopping

There are some small markets within Isla Vista, but there are several larger grocery stores within a few miles of campus:

- Albertsons (7127 Hollister Ave., Goleta)
- Trader Joe’s (5767 Calle Real, Goleta)
- Smart and Final – Extra! (7090 Hollister Ave., Goleta)
Alternatively, there are weekly farmers markets that take place in Goleta and downtown Santa Barbara on different days. For instance, there is a farmers market on campus every Wednesday and a farmers market in the Camino Real Marketplace (approx. 1 mile from campus) every Sunday from 10am-2pm. See www.sbfarmersmarket.org for details.

In addition to all the regular stores there are many more specialty markets as well as health food/organic/expensive stores, such as Lazy Acres (www.lazyacres.com), Lassen’s Health Foods (5154 Hollister Ave.), and Whole Foods Market (www.wholefoodsmarket.com). There is also the Isla Vista Food Co-op located in Isla Vista that has a large variety of organic health foods.

For those who choose to live in the Winchester Canyon area, Ellwood, or IV, the Camino Real Marketplace (www.caminorealmarketplace.com) serves as a major resource hub for all our needs. Just to give you an idea, this little strip mall has a Kmart, Home Depot, Costco, Albertsons, Sports Authority, Ross, DMV, Camino Real Cinema, small chain restaurants, and much more.

III. TRANSPORTATION

A. Bikes

There are at least 5 bike stores within approximately 5 miles of UCSB in Isla Vista and Goleta. These include: Bicycle Bob’s (www.bicyclebobs-sb.com), Isla Vista Bicycle Boutique (www.islavistabicycles.net), Varsity Bike Shop (varsitybikesiniv.com) Velo Pro Cyclery (velopro.com), and JG Bike Workx. Additionally, there are more in downtown Santa Barbara (see Yellow Pages - www.yellowpages.com/goleta-ca/bike-shop).

i. Licensing

Under university rules, students are required to license their bike with a State of California State Bicycle License to operate their bike on campus. If you want to play it safe, you can get a license at the Community Service Organization (CSO). This is useful if your bike is stolen because CSO will know who it belongs to if it is recovered. See www.police.ucsb.edu/cs/o/bicycle-program for details.

ii. Riding on Sidewalks

Don’t do it! It’s dangerous and the CSO and UCSB police will warn or ticket people for $194 who bike on sidewalks. It’s not worth it.

iii. Parking Bicycles

You must park your bike in designated bike parking places on campus. Your bike could be impounded if you lock it to a tree, fence, signpost, etc. If this happens, you have to pay a
fine to get it back. You can try parking your bike in your office if it is allowed, but parking in walkways, hallways, aisles, on balconies, or in other common spaces is not allowed. Just look around to figure it out, or ask some of the students in your building.

For more tips on biking safely on campus, see bikes.as.ucsb.edu/top-10-bike-tips/ or kiosk.sa.ucsb.edu/Citizenship/BikeBasics.

B. Buses

Once your online-BARC/GOLD status as a student is registered and paid, you are eligible to request a registration sticker for your student ID. Present your ACCESS card (student ID) at the AS (Associated Students) ticket office or the Registrar’s Office to receive your sticker (registrar.sa.ucsb.edu/sticker_pickup). No other picture ID can be accepted. With this sticker, riding the bus is free. This will be valid 7 days before classes begin, until the last day of final exams.

Regular bus fare is $1.75 each way. For routes and schedules, see (www.sbmtd.gov). Be advised—the buses are rather limited in scope and frequency. They are certainly enough to provide daily transportation to and from school, but performing other necessary errands can be a hassle if the bus is your only means of transportation. Additionally, there is an Express bus between downtown and UCSB. The last Express bus from the Downtown Transit Center back to UCSB is at 10pm during the week and 11pm on Saturdays.

C. Car Rental

Most major car rental companies are available in the Santa Barbara area. See the Santa Barbara Airport website (hwww.flysba.com/services/car_rental_information) for information.

D. Trains

There is an Amtrak station about 2 miles from campus. It is the Goleta stop, code: GTA. While there is no ticket office at this stop, there is a small machine that accepts cash and credit cards in exchange for your ticket. You can also purchase a ticket leaving GTA at least 7 days in advance or buy your ticket upon boarding the train. There is also a station in Downtown Santa Barbara, code: SBA. This station does have a ticket office and you can purchase the ticket up to 7 days in advance, either online or at the ticket office during their operating hours. The SBA station does not allow you to buy your ticket upon boarding the train. You can also purchase tickets online at www.amtrak.com.

The Goleta station is at 25 S. La Patera Lane Goleta, CA 93117. This is off Hollister at the very end of La Patera Lane. There are small signs by the road but they are hidden behind other businesses.

The fares vary by season; for example, during the school year, it costs $32 one-way to/from Los Angeles but during holidays, it costs $40 one-way. The trip takes about 3 hours and is a great option to avoid unpredictable LA traffic. The LA Union Station stop is not close to the LAX airport, but now there is the Flyaway bus that exclusively takes passengers to and
from Union Station and LAX in 30 minutes to an hour. As an alternative, Amtrak also has a stop right at Burbank Airport, which is a small airport 30 minutes north of LA. Another popular destination is San Diego. The one-way fare is $43 and the trip takes about 6 hours. Be aware that fares go up during holidays and other select times of the year.

For more information see www.amtrak.com or call 1-800-USA-RAIL.

E. Taxis & Shuttles

The Santa Barbara Airbus Shuttle makes 7-10 round-trips a day between LAX and SB/Goleta from 3:30am to 10pm. Round-trip fares are $90+ depending on how and when one buys tickets. For more information, check the website: www.sbairbus.com. The Airbus is a great way to enjoy the sometimes crazy and hectic trip into LA. If you are flying out of LAX, it might be your cheapest option --parking at the airport is exorbitantly expensive. Here is a list of a few of the taxi providers servicing the Goleta and Santa Barbara area:

- Rose Cab: 805-564-2600 (top rated on Yelp.com)
- Juniors Transportation: 805-698-8290 (top rated on Yelp.com)
- California Cab: 805-568-5105 (top rated on Yelp.com)
- Moonstar Cab: 805-698-6667 (top rated on Yelp.com)
- Dodo’s Lucky Taxi: 805-886-4333 (top rated on Yelp.com)
- Gold Cab: 805-695-2248
- SuperRide Airport Shuttle: 805-683-9636
- Yellow Cab of Santa Barbara: 805-965-5111
- Economy Cab: 805-964-9800
- Checker Cab: 805-966-6666 or 888-511-1110
- Blue Dolphin Taxi: 805-962-6886

F. Automotive Matters

i. Getting your car registered

The State of California requires out-of-state cars to be registered within 20 days of being brought into the state. Here are some things you will need:

- Application for Title or Registration (REG 343)
- Out-of-State Title or Proof of Ownership
- Verification of Vehicle (REG 31)
- Appropriate Fees

You may also need:

- The out-of-state license plates
- A Lien Satisfied/Legal Owner/Title Holder Release form (REG 166)
- **Statement of Facts** (REG 256)
- **A Permanent Trailer Identification (PTI) Application/Certification** form (REG 4017)
- **A Declaration of Gross Vehicle/Combined Gross Vehicle Weight** (REG 4008)
- **A Vehicle/Vessel Transfer and Reassignment form** (REG 262)
- Smog Certification
- Weight Certificate
- For out-of-country vehicles, you will need customs, safety, and emissions documents

You can pick up a package containing some of these forms at any of the DMV offices. The closest DMV office to the campus is in Goleta at 7127 Hollister Ave., Suite #24-26, 800-777-0133. It is highly recommended to make an appointment online at www.dmv.ca.gov. Under “Offices” select “Find your local Office” and search for Goleta. There is a link that provides more information and allows you to make an appointment.

### ii. The Smog Check

To register your car in California you will have to have a smog inspection performed. This does not apply to motorcycles. The inspection consists of a visual inspection and an emissions check to verify that the hydrocarbon and monoxide output are acceptable for the model/year of your car. Many service stations in the area offer smog checks between $45 and $65, with an additional $6 for the smog certificate.

### iii. Insurance

California law states that a car registered in California MUST be insured in California. Thus, if you have an out-of-state policy and/or you are under your parents’ coverage, contact your provider about adjusting your coverage accordingly.

### IV. UCSB PARKING

Parking rules and regulations on campus are enforced at all times (24 hours a day, 365 days per year). Vehicles parked in violation of the posted regulations are subject to a citation. All spaces/areas are marked "Enforced At All Times".

Vehicle parking permits are not required on University holidays (including between-quarter administrative holidays). University holidays may differ from other institutional and religious observances. The dates are specified each year on UCSB’s Academic Calendar (http://registrar.sa.ucsb.edu/cal2014.aspx). While parking permits are not required on University holidays, all other parking rules and regulations are enforced. Should you have questions about our holiday parking policy, please contact Parking Services.

Parking permits are issued solely by Parking Services based on eligibility criteria. Additional details on permits available to graduate students are at http://www.tps.ucsb.edu/.

Note: permits cannot be issued until you are registered for fall quarter and are in the payroll system. You can also purchase parking permits daily for $8/day.
A. Night & Weekend Parking

Graduate students are eligible for an annual Night & Weekend parking permit, the cost of which is covered by a quarterly $5.00 lock-in fee. If you are a graduate student residing in University-owned housing, you may prefer instead to own a Housing (H) permit issued by Housing & Residential Services. The two permits offer the same campus parking privileges; you may request one or the other, but cannot own both. Currently enrolled students can obtain a yearly permit online from Parking Services (www.tps.ucsb.edu).

These permits are valid from 5:00PM until 7:30AM the next day on weekdays, and all day Saturday and Sunday. During these hours (and only during these hours), you may park in Faculty & Staff Parking and Visitor & Student Parking. Coastal Access and vendor spaces are valid for parking, as are time-restricted parking spaces for the time designated. Please watch for spaces or areas within these lots that may have additional restrictions. These permits are also valid in time zones for the time designated, and in loading zones for 20 minutes. You may apply online by visiting www.tps.ucsb.edu. A window permit will be mailed to the address listed on your application.

B. “B” Permits

For $450 per year (or $118 per quarter), “B” permits are available to graduate students with UCSB Teaching/Research Assistant employment status or fellowship status working the equivalent of 45 - 99% time. A B permit allows you to park in faculty and staff lots, including those designated “At All Times” (see http://www.tps.ucsb.edu/mapFlash.aspx for locations), and in student lots (see http://www.tps.ucsb.edu/mapFlash.aspx for locations). Parking is allowed in time-restricted parking spaces for the time designated.

C. “C” Permits

Also at the price of $450 per year (or $118 per quarter), the Student/Commuter Parking Permits are available to all eligible commuters residing outside of a 2 mile radius from campus. A utility bill, lease agreement, or BARC statement is required as verification of off-campus residence. Students living within two miles of campus are not eligible to park on campus during regular business hours. “C” permits are issued on an annual basis (with the exception of summer quarter permits) and are valid in “C” parking areas and time zones for the time designated.

Note: The permit is not valid in lots, areas, and spaces marked “At All Times” or where other restrictions apply — for example, reserved or metered spaces, or lots/spaces marked for vendors or “RS” permit holders. The permit is not valid in Coastal Access spaces on weekdays, Monday–Friday 7:30AM–5:00PM. The permit is not valid in the off-campus parking facilities operated by Housing & Residential Services.
D. Motorcycle Parking

Parking spaces designated for motorcycles, mopeds and scooters are only for motorcycles, mopeds and scooters. Motorcycles, mopeds and scooters parked on the UCSB campus are not required to purchase and/or display a parking permit if they are parked in these spaces.

E. Beach Parking

Some people choose to risk fines for violation and park at Goleta beach. The ocean front walk from Goleta beach to PSBN and the Chemistry Building is about 10 minutes. Please see the Parking and Transportation Center website at www.tps.ucsb.edu for more details on parking restrictions.

V. FINANCIAL MATTERS

A. BARC

The BARC (Billing and Accounts Receivable) statement details your current financial situation with the school. You can keep track of your account online at mybarc.ucsb.edu. There is also a link to your BARC account on the MyUCSB homepage (here you can also find links to GOLD, U-Mail, Housing, and other important resources) at my.sa.ucsb.edu. If you are employed by the department as a Graduate Student Researcher or Teaching Assistant, the Department or your PI will pay your tuition, registration fees, and health insurance listed on the BARC statement. Any additional fee assessments, such as Student Health service charges, schedule adjustment fees, rent (if you live in university housing) is your responsibility and should be paid by NOON on the date indicated on the statement. If this is not paid by the deadline, you will be assessed a $50.00 late fee.

If you do not register for classes before the graduate student registration deadline, you will be assessed a $50 late registration fee on your BARC statement. This fee is also your responsibility. The website for online registration is my.sa.ucsb.edu. You will be sent instructions on setting up your username, student PIN, and password during the summer.

B. Banking

There are a plethora of banks within 5 miles of the UCSB campus, although the only ATMs on campus are for Wells Fargo, Golden One and Bank of America. Please check the websites for specific account information and lobby hours. (NOTE: UCSB offers a Direct Deposit salary payment option, which is very convenient. Contact the payroll coordinator in the Chemistry and Biochemistry administrative office for more information.)
When you begin work at UCSB, you will not be paid until November 1st. Plan to bring enough money for rent (including deposit, first and last month’s rent), utility setup fees, and living expenses for at least one month. Payment frequently varies with your fellowship, teaching or research assistantship. The University of California (including positions in Chemistry and Biochemistry) pays monthly, NSF pays in one yearly sum, and the IGERT pays quarterly. The monthly salary amounts vary significantly depending on your employment for the quarter – GSR, TA, or fellowship – so it is important to pay close attention to variations in salary and budget accordingly.

VI. HEALTH AND WELLNESS

A. Health Insurance

There is a mandatory Gaucho Health Insurance plan (GHI). The fee for this plan will automatically appear on your BARC statement. If you are employed as a Graduate Student Researcher or Teaching Assistant, this fee is covered as part of your employment and you are insured. Details of the coverage are contained in the Gaucho Health Insurance plan online at studenthealth.sa.ucsb.edu. Students who present satisfactory evidence of comparable health insurance coverage to the University can be waived from the coverage if desired. You will be automatically enrolled in GHI unless you choose to submit this waiver to Student Health. This may include health insurance through your parents, spouse’s employer, etc.
B. Student Health Center

If you are insured by the GHI, you must go to the Student Health Center first for treatment unless it is an emergency. Check the website for details or call (805) 893-3371 to make an appointment. Student Health may refer you to an outside doctor if needed, but they have many facilities (sports therapy doctors, X-ray and lab work facilities, and much more) on campus. In addition to basic medical coverage, Student Health offers dental and optical services that are partially covered by your GHI: studenthealth.sa.ucsb.edu.

C. Take Care of Yourself!

UCSB is a large campus equipped with resources to address virtually every need that may arise during your graduate career. Take advantage of these resources and take care of yourself before potentially minor issues turn into major issues. The UCSB Health and Wellness program’s “Resources” link is a relatively comprehensive guide to all that is available: wellness.sa.ucsb.edu. See also Chemistry and Biochemistry’s “Resources for Graduate Students” (chem.ucsb.edu/graduate/resources) for campus offices and links commonly utilized by graduate students in Chemistry and Biochemistry.

VII. THINGS TO DO

A. UCSB Recreation Center

Nicknamed the ‘Rec-Cen,’ the UCSB Recreation Center opened in 1995 and has been one of the most popular spots on campus ever since. The original Rec Center has two swimming pools, two gymnasiums, two weight rooms, two squash courts and five racquetball courts. An expansion which runs on solar power, the MAC (Multi-Activity Court), was opened in the spring of 2005. It includes an additional weight room, multi-purpose gym, climbing wall, jacuzzi, pottery studio, classroom and additional locker facilities. This facility is free for you to use as a student (the cost is included in your tuition) but you must have your student ID card to enter. You can rent a locker each quarter for $20-$30, depending on size and location. All locker rentals come with towel service. Mornings or mid-day are your best bets for avoiding crowds . . . usually the hours between 3 PM and 7 PM are crazy! See www.recreation.sa.ucsb.edu for details.

B. Adventure Program

The adventure program offers trips, classes, and ropes courses that try to provide you with the type and level of adventure that meets your needs. See the website at www.recreation.ucsb.edu/adventureprograms for more information.
C. GauchoREC

A number of laid-back, challenging, fun, and/or exciting leisure courses are offered through the recreation department. Pottery, yoga, scuba, fencing, diving, guitar, sailing, ballet, salsa, swing, and wine-tasting are just some of the fun activities you can join for a (typically) small fee. Classes are open to everyone, so join with a spouse or friend from outside the University if you like. More information is available at recreation.sa.ucsb.edu/classes-events.

D. Arts and Lectures

UCSB has a very strong Arts & Lectures program. They present performances featuring touring artists from all over the world—first-rate dancers, classical and world musicians, performance artists and theater companies. They screen films—international cinema, independent films, documentaries, the best Hollywood movies, and occasionally, restored silent classics with live piano accompaniment. In addition, they offer lectures and special events featuring writers, artists, government officials, mountain climbers/adventurers, scientists and other notable, accomplished people. Please see www.artsandlectures.ucsb.edu for more information and their calendar of upcoming events!

E. Recreational and Intramural Sports

UCSB boasts one of the best recreational and club sports programs in the country. Requirements for joining vary with each sport, including coed alpine racing, coed bowling, coed cycling, coed fencing, women’s field hockey, women’s lacrosse, men’s lacrosse, coed martial arts, men’s roller hockey, women’s rowing, men’s rowing, women’s rugby, men’s rugby, coed sailing, women’s soccer, men’s soccer, coed surfing, coed triathlon, women’s ultimate, men’s ultimate, and coed water ski. See the website recreation.sa.ucsb.edu or GauchosPlay.com for details on each of the teams.

The Rec Cen also offers a variety of intramural sports programs. These programs range in skill level from beginner to advanced and only require interest and a weekly commitment. For a list of the intramural sports offered each quarter and to learn how to sign up, visit GauchosPlay.com or recreation.sa.ucsb.edu/intramural-sports.

One of the greatest things about UCSB is the year-round outdoor sports weather. You will find, just within the Department of Chemistry and Biochemistry, a slew of tri-athletes, marathon runners, cyclists, skiers, rock-climbers, and surfers who enjoy the temperate climate for training. Just ask around for more information.

F. Hiking

Santa Barbara’s year round great weather makes hiking always an option. Whether you are an experienced hiker or just want to enjoy nature, Santa Barbara has it! See santabarbarahikes.com for some local spots!
G. Music

Velvet Jones on State St. in Santa Barbara is a destination for many bands, both local and "mainstream". It is also privileged to host many “secret” shows that only locals in the Santa Barbara area can attend (The Foo Fighters had a surprise show recently for only $20). See www.velvet-jones.com for shows. The Santa Barbara Bowl is also host to much larger shows and concerts in its expansive outdoor arena. See www.sbbowl.com for concerts. Only an hour away, Los Angeles provides even more options for venues, bands, and performances.

H. Wine Tasting

Santa Barbara and its neighboring counties are home to numerous wineries. Spend the day hopping vineyards up and down the beautiful coast. Prices are extremely reasonable, especially if planned with a decently sized group! See www.santabarbara.com/winecountry for local vineyards and tasting rooms.

I. Restaurants and Breweries

Enjoy eating foods from around the world? So do the locals in Santa Barbara! Take your pick from Japanese, Thai, Indian, Chinese, Italian, Latin American, Scandinavian, and American just to name a few! A majority of these are found on State Street in Downtown Santa Barbara. See www.santabarbara.com/dining for other options.

J. Secrets of Santa Barbara

The Ellwood Butterfly Preserve is less than 1 mile from campus and during the months of November through February, is home to one of the largest monarch butterfly migrations. The tour consists of a short hike through the forest toward the beach with THOUSANDS of butterflies along the way. See www.lotsafunmaps.com/Santa_Barbara/Ellwood_Butterfly_Preserve_and_Beach

K. Clubs, Organizations, and Outreach

UCSB is home to a wide assortment of clubs and organizations. Some of the categories are career-related, community service, cultural, ethnic, graduate student specific, health, ideological, political, recreational, religious, and social. To search for clubs by categories, go to: kiosk.sa.ucsb.edu/Leadership/ClubsAndOrgs.

Many programs, within and peripheral to the Department of Chemistry and Biochemistry encourage outreach activities in the community. A few recommendations:

i. Chemistry Department Outreach Program

Our Fifth Grade Chemistry Outreach Program is a partnership between local elementary students and teachers and UCSB students and faculty. To improve educational opportunities for K-12 students, we have developed a program that brings fifth grade
students to the chemistry lab at UCSB every Thursday morning to participate in hands-on standards-based physical science activities. The program is designed to nourish their natural curiosity in science and to stimulate an interest in pursuing a higher education in science. In addition, UCSB students are given the opportunity to share their love of science with elementary students and to consider a career path as a science educator. For more information on the program including a schedule and how to get on the mailing list go to: www.chem.ucsb.edu/~outreach/.

ii. SciTrek
SciTrek is an outreach program run out of the chemistry department that focuses on allowing 2nd-5th grade students to experience science first hand by designing, carrying out, and presenting scientific experiments. SciTrek allows UCSB undergraduate and graduate students the opportunity to volunteer within the program. For more information on the program, how to get involved and to get on the mailing list go to: www.chem.ucsb.edu/~scitrek/.

iii. UCSB Science Line
This is an "Ask-a-Scientist" Internet project that links UCSB researchers with K-12 schools and the community. Students and teachers post science-related questions via e-mail to UCSB ScienceLine, and receive one or more responses from scientists in a variety of fields. Previous questions and responses are accessible on the ScienceLine web site, www.scienceline.ucsb.edu.

iv. Partnership for the International Research and Education Electron Chemistry and Catalysis at Interfaces (PIRE-ECCI)
The UCSB-China program, focusing on Electron Chemistry and Catalysis at Interfaces (PIRE-ECCI), provides American and Chinese students with an enriching global experience in interdisciplinary research spanning the fields of heterogeneous catalysis, surface science and chemical dynamics at interfaces. See pire-ecci.ucsb.edu for details.

Here are a few that are specifically geared toward the sciences:

- Chemical Sciences Student Seminar (CS³) series: www.chem.ucsb.edu/news/seminars/csss
- Engineers Without Borders (EWB): www.ewb-ucsb.org
- Graduate Students for Diversity in Science (GSDS): www.mrl.ucsb.edu/education/gsds
- STAGE - Scientists, Technologists and Artists Generating Exploration: www.stage.ucsb.edu
VIII. TRAVEL

- The Beach is a short distance from anywhere in Santa Barbara.
- Death Valley is a 5 hour drive to petrified wood; stick to winter/spring trips or face extreme heat.
- Joshua Tree is a 4 hour drive for rock climbing and camping.
- LA is 1.5 hours away and always a learning experience. We recommend you visit Westwood, Brentwood, Hollywood, Santa Monica, Pasadena, and anything that ends in Beach.
- Las Vegas is 6 hours away -- where anything is legal.
- Mammoth Mountain is 7 hours away, Mountain High is only 2 hours away and Big Bear is only 3.5 hours away for some snow activities.
- Mt. Whitney is 4.5 hours to the highest peak in the U.S. -- less than 100 miles from Death Valley.
- San Diego is 4 hours south and is the last stop before Tijuana.
- San Francisco is 5-6 hours away and Alcatraz is not the only thing to see.
- Santa Ynez Valley is 20 minutes to wine country and mountain biking.
- Tahoe is also 7 hours away with water and many mountain sports.
- Yosemite is 6 hours to visit Half Dome.

IX. CULTURE SHOCK AND OTHER MATTERS

Here are some aspects of UCSB culture that are considered ‘peculiar’ or ‘unique’ to incoming graduate students, particularly those not from the west coast:

A. The “Early Morning” Misnomer

There is a different concept of ‘early morning’ here. Most University offices open at 9:00am, close for an hour over lunch (usually 12:00-1:00pm), and close at 4:00pm, so make sure to plan accordingly for official matters. But don’t worry...you can still work all the time.

B. Collaborative Environment

One of the nicest things about the Department of Chemistry and Biochemistry is the collaboration among many of the groups. In stark contrast to other institutions, faculty often collaborate on projects, share research equipment, and even share students. This extends beyond the university and translates to collaborative relationships with many institutions across the country.

C. Shopping Shock

Santa Barbara, though relatively “close” to LA, does not have a large variety of shopping opportunities. Be aware that Santa Barbara is a tourist attraction and home to many very wealthy people. This results in small malls and some boutiques. However, Camarillo Premium Outlets are nice alternative, only a 30 minute drive away.
D. Intercollegiate Sports

Ever heard of the UCSB Gaucho football team? No? That's because it hasn’t existed for over 20 years! Indeed, those from larger universities may be sorely disappointed. However, the men’s and women’s soccer, basketball and volleyball teams have enjoyed much success in recent years. In 2006, the men's soccer team won the NCAA Division 1 National Championship. The Gaucho Locos go crazy at sporting events, especially at the men’s “futbol” games. See www.ucsbgauchos.com/fan_zone/Locos/Locos.

E. It’s a Bike Freeway

The number of students who commute to school by bicycle is significant. Bikers have the right of way over pedestrians on campus and in “IV”. Between classes, take care in passing bike paths (or freeways) – never walk on the bike paths! Also, don’t be alarmed by the cell-phone chatting, gum-chewing, surfboard-carrying undergrad biking by – we see it all the time!

X. ATTITUDE

Work hard, play hard and have fun. Conduct research that will change the world.
Appendix A: Ph.D. Requirements

A Typical Timeline

For a complete list and detailed explanations of all requirements for the Ph.D., M.S., and M.A. degrees, please refer to the Department of Chemistry and Biochemistry Graduate Student Handbook and the General Catalog. Applicable forms and petitions for Department requirements and for Graduate Division requirements are also available online.

Before the start of the first Fall quarter there is an orientation period. You will receive information about the department, UCSB, and Santa Barbara; advising will take place, helping you to choose your first classes; extensive training is provided for teaching; faculty each give brief presentations about their research. The incoming class has its own room (1005F on the first floor) with desks, computers and lockers for use during the first quarter(s). Once you join a research group you will have your desk with that group.

YEAR 1

(A) 18 units of coursework

Plan schedule with assigned advisors during orientation period. This requirement must be met before the candidacy exam (see D below). Most students take all courses in the first year, typically two 3 unit courses per quarter. A grade of B or better in each course is required and a cumulative grade point average 3.0 must be maintained.

(B) 1st quarter: EXPLORE research groups

Upon arrival, you are strongly encouraged to keep an open mind about what type of research you would like to carry out and with whom until you have had a chance to check out different research groups during your first Fall quarter. Graduate school will form an important part of your life, but many if not most of you do not know in advance exactly what type of research will suit you the best (and excite you the most)—this is absolutely okay. We encourage you to take your time and make an informed decision about research groups after meeting several potential advisors, future lab-mates and groups. You are expected to survey at least three groups by attending a minimum of three of their group meetings. Missed group meetings due to scheduling conflicts can be replaced with other forms of active exploration, such as some specific involvement in lab, specific research involvement with an older graduate student/postdoc or discussion with faculty. The advisors will sign off on your active explorations and this will be the basis for passing a two-unit course, CHEM 595. No group can be officially joined before December 1st.

Note that if you come to UCSB with a specific group in mind, you may join this group after 12/1, and after having explored other groups. Also note that many of our students have joint advisors in other Departments. UCSB provides a unique atmosphere where interdisciplinary research is truly lived.
Our and other Departments (e.g. Physics, Materials, Chemical Engineering, Mechanical and Electrical Engineering, Molecular, Cell and Developmental Biology) strongly support cross-Departmental collaborations.

2nd quarter: JOIN a research group

The expectation is that you join a group in the second quarter and start with active research or be in a rotation. While in a group you must sign up for units of CHEM 596, Directed Research. (You need to be signed up for 12 class units each quarter to be registered as a full time student). The summer, without classes or teaching, is a time to make progress in research. Summer funding has to come from faculty, and the student therefore must make sure to have secured a research position well before the summer.

The choice of research group is important but not an absolute commitment. If for whatever reason your choice turns out later not to be the perfect match you can switch groups. You may lose some time, depending on how much of your research carries over or can be used as part of your thesis. So to not unnecessarily disrupt your research, it is preferable if this situation can be avoided. This is another reason we prefer that you take your time in the first quarter to shop around and find a good match, both in terms of the science and in terms of the group’s culture.

Teaching

Students teach a minimum of 3 quarters, but no more than 9 quarters total during their stay in the graduate program. Most students teach all of the first year and on average 4-6 quarters total. Teaching is one of the valuable skills you learn in graduate school. Satisfactory evaluation of your teaching performance is required to remain in good standing as a graduate student.

Thesis Committee

By the end of the first year you choose your thesis committee. You select three faculty members and ask them to serve on your committee. The Committee must consist of at least two faculty members from within the general area of your research and at least one from outside the subject area (any of these may include faculty from outside the Department). The research advisor (or joint advisors) may serve on the committee, but her/his presence is not counted in the required numbers of faculty members described above. The graduate advisor must sign off your committee composition.

The student will meet with all committee members (collectively if possible) at least once a year to discuss progress, receive input and feedback, and discuss any concerns the student may have.

YEAR 2

(C) Pass CHEM 290, which requires delivery of a seminar, related to your group’s research. The class starts with teaching presentation skills and presentations are critiqued and discussed. This is a first practice talk for the orals as well as an opportunity to start learning to present. It is also an opportunity for you to see what research your colleagues are starting to do. The presentations will be advertised as departmental seminars and open to all, with three 20 minute presentations per seminar.
(D)  **Advance to candidacy** by passing oral candidacy examination.

You are expected to concentrate on research in the 2nd year and achieve some visible success. To pass the candidacy exam you should be able to defend your research and show visible success in research, or at least make a convincing case about your positive trajectory and future potential of your project. Typically a specific project and effort are in progress that will lead to a first author publication. The exam is administered by your thesis committee. The advisor cannot serve as chair of the Committee in this exam but does serve as chair at the occasion of the thesis defense.

   NB 1:  Students must fulfill all requirements (A)-(C) before the oral exam. Failing to do so will at best lead to a conditional pass.
   NB 2:  The oral must be taken before the end of the second year.
   NB 3:  Students must contact the Staff Graduate Program Advisor at least several weeks prior to their planned candidacy exam. She/he will ascertain that all prerequisites are fulfilled.

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**YEAR 3**

**Recommendation for publications and presentations**

The third year is a time where typically your research has led or is leading to a publication. Having publications is important for a future career. Quality is more important than quantity but it is common to graduate with a number of publications, including first author ones.

You should also expect to attend conferences during your graduate career. You learn from presenting your work (as posters or talks) and it is a great opportunity to network and lay contacts in your scientific community. A one-time campus fellowship is available for this purpose once you advanced to candidacy.

**TRACK research progress with thesis committee**

Meet with all members of your thesis committee at least once during the year to discuss progress. These meetings provide guidance and feed-back about your research and academic progress. They are also an opportunity to discuss concerns you may have. Part of the meeting takes place with the advisor. Iflogistically it is not possible to convene the entire committee at the same time, meetings with individual members are an option.

(F)  **PASS the original research proposal exam**

You will write and present an original proposal about a topic different from your thesis research. The proposal exam includes an oral presentation that takes place in the Spring, in addition to the written proposal.
YEAR 4

FOCUS on research output and progress

You are doing full power research. Check and make sure whether research progress is good and high quality publications are on the way and plans for successful graduation on track. High quality and first author research publications will convert quickly to thesis chapters.

Meet with all members of your thesis committee at least once during the year to discuss progress.

YEAR 5

FOCUS on wrapping up research and planning the next step

Now is the time to think about how to wrap up research, set goals with your advisor for graduation, plan the outstanding publications, make a timeline for graduation and make plan for thesis writing. If 3-4 first author publications are written, thesis writing can be a relatively quick (1-2 months) and painless process. Early 5th year is also the time to think about future employment. If seeking a postdoc position, now is the time to contact potential advisors, 1 year in advance, as well as to look for fellowship opportunities.

(G) Complete an approved written Ph.D. dissertation

(H) Thesis defense: Successful delivery of the Final Oral Presentation in which the Ph.D. dissertation is presented in a seminar format (after fulfilling (A)-(G))
# Appendix B: Web Directory

UCSB web sites that are particularly helpful for Grad Students

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<thead>
<tr>
<th>Resource</th>
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Appendix C: Essential Maps & Directory

Comprehensive maps of the Department of Chemistry and Biochemistry Administrative Offices, Building 232; each floor of the Chemistry Building and Physical Sciences Building, North (PSBN); UCSB Campus, and Downtown Santa Barbara.
Self-Guided Tour Map
UC Santa Barbara

1. Tour Stop
2. Traffic Signal
3. Parking Permit Dispenser
4. Sidewalk
5. Food
6. Coffee Cart
7. Visitor Parking
8. Restroom

Emergency
• Call 911
• UCSB Police Department, Public Safety Building, non-emergency 805-893-3446 (24 hours).
• CSO Escort Service is available by calling 805-893-2000 (24 hours).
Exploring downtown

Much of the flavor of downtown Santa Barbara comes from its decorative motifs — the tiles, fountains, grillwork, and details. These, along with the consistent Spanish and Mediterranean architecture, add up to a charming whole. Nowhere is this more evident than along State Street, downtown’s main thoroughfare.

A delightful way to explore this area is to follow the walking tour known as the Red Tile Tour, marked on this map by a red dashed line. Feel free to make detours to explore attractions along the route. For more detailed information about the landmarks on the tour, get a copy of the free tour brochure given out by the Visitor Center, at the corner of Cabrillo Blvd. and Garden Street.
Appendix D: Notes