









The *unofficial* guide to GRADUATE STUDENT LIFE

2023-2024

Dear School of Life Sciences Graduate Students,

Welcome to life as an Arizona State University SOLS graduate student! This guide, compiled through the years by the graduate students and the SOLS Graduate Executive Board, is an invaluable resource for you during your first years of graduate school. This guide is updated annually to provide you with current information to help you navigate graduate school here at ASU in the School of Life Sciences. We hope this guide will provide answers to many of your questions, but if anything is still unclear, please do not hesitate to ask any of your SOLS Graduate Executive Board representatives. We are always looking to improve this guide, so as you become more familiar with ASU and central Arizona, please pass along additional information (or pictures) you think would be useful to include!

Starting graduate school, often moving to a new place from far away, is exciting but it can also be a challenging transition. It is important to have a social support system and community of peers who understand the challenges of graduate student life; there are many opportunities to socialize, connect, and get to know your fellow graduate students and SOLS faculty. We have updated this handbook with information and resources reflective of the combination of the digital/physically-distanced realities of graduate student life as well as now that we are starting to resume operations in-person.

The best thing that you can do to enhance your graduate student career is to become involved in the SOLS community. One of the main ways to do this is to attend the weekly Brown Bag meeting. Brown Bag is a primary venue where you can meet other graduate students, learn about their research activities, and be advised of upcoming workshops hosted by the E-Board, retreats, and other social events. There are also various reading groups and journal clubs that meet regularly to discuss research papers in virtually every life science discipline in SOLS. You will also find opportunities to volunteer and get involved with the local community as well as more or less informal groups of folks interested in all kinds of hobbies in athletics, gaming, painting, hiking, and more. You will receive more announcements about these kinds of social opportunities and events through SOLS listservs, but other graduate students are often your best resource for figuring out life on campus, where to go when you are off-campus, and how to meet people *outside* of graduate school.

Welcome to ASU and good luck with your studies, research, and teaching. Remember to drink lots of water and apply sunscreen liberally!

Your SOLS Representatives:

Brandon Favre - President **Cassi Lyon** - Vice President **Madeline Buhman** - Secretary **Sydney Millerwise** - Treasurer

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CHAPTER 1: First Things First!

Finding Somewhere to Live

Finding a place to live without being able to view the property beforehand is a daunting task. Luckily, you have a few resources at your disposal to make this a less painful process. First, **ask your future lab mates for recommendations** on landlords and apartments. Housing ads usually circulate on the SOLS listserv over the summer. We also created a **Housing Resources** spreadsheet where current grads can post if they are looking for roommates and for other, general housing recommendations. ASU holds an **off-campus housing service**. The website http://livingasu.com/ provides a good source of information by listing over 150 apartments in the Tempe area, with information on price, contact details, and location; it also indicates whether apartments come furnished or not, pets are permitted, and if they are situated on a bus line. Online sites like craigslist can serve as an option for locating housing in Tempe and across the valley. Also check out Padmapper (combines multiple rental search engines into one map); and Zillow.

- One piece of specific advice: you should avoid any apartments or houses owned by Tim Wright. He's tried to avoid legal troubles and battles by changing his company's name several times (it's gone by Rent Me ASU, Rent Me AZU, and Rentals Tempe thus far). Reviewers on Google and Yelp have complained about stolen security deposits, apartment and house repairs for things that were already damaged upon move-in being forced entirely upon the renter,
 - News coverage of Tim Wright is abundant, and universally negative. It's been that way since at least 2003.
 - Tim Wright has a <u>pretty negative reputation</u> among ASU students on the ASU subreddit.
 - Yelp reviews of his company are scathing

Checklist (do these things first – more specific information below) If you are an international student, get a Social Security Number (inquire at the International Students and Scholars Center - the ISSC) If you are TA-ing, get your paperwork set up with Human Resources according to your TA offer letter. Reach out to the SoLS Graduate Office if you have any questions (their email is sols.grad@asu.edu). If you are an international student and TA-ing, take the Speak Test as indicated by your TA offer letter Get your immunization shot(s) if your still need them. You can see a list of the required immunizations here Register for classes and enroll in Health Insurance Get a Sun Card (Student ID card) at the Memorial Union Activate your ASURITE network ID (this gives you access to your myASU student portal, student email account and other computing resources online) Get your keys by filling out the facilities request form.

 Set up direct deposit for your paychecks
 Get a student U-Pass (if needed https://cfo.asu.edu/transit-passes)
 Find and pay for parking (if needed http://cfo.asu.edu/pts)

Where am I?

Life Sciences Center officially has five wings (A, B, C, D, and E), and getting oriented around here can be a challenge at first. You will no doubt learn quickly that SOLS administrative offices, including the business office, faculty mailboxes, facilities offices, Visualization Lab and information technology offices are located in the tallest of these wings, the E wing (abbreviated LSE for Life Sciences E wing). Graduate and undergraduate programs' offices are located on the first floor of LSA. The LSA wing is connected to the East side of LSC by an outdoor walkway, and LSC is also connected by outdoor walkways to LSE. LSB and LSD are located to the South of the A-wing, and house the Animal Care Facility.

There are basements in the LSA, LSC and LSE wings, and the LSC and LSE buildings also have a sub-basement. There are no classrooms or teaching labs in the sub-basement of LSC; several teaching labs are, however, located in the basement. A room on the first floor of the C wing might be labeled LSC-102 and one on the second floor would be LSC-202, but a room in the basement would be LSC L1-02 and one in the sub-basement would be LSC L2-02. There are teaching labs in the sub-basement of LSE, these rooms are labeled with an S as in LSE – S21. Many folks will confuse these rooms with rooms on the fifth floor which are labeled with a 5 as in LSE – 521. Get it? Expect to direct several undergraduates toward L1 classrooms in the first weeks of every semester.

The Social Insect Research Group is housed on the 3rd floor of Interdisciplinary Science and Technology Building #1 (ISTB1), across from the bookstore. The space consists of research labs, faculty and grad student offices, and several conference rooms where there are occasional seminars. Visitors must enter through the main lobby and take the elevator up. The 4th floor is home to the interdisciplinary Center for Social Dynamics and Complexity, which hosts seminars in ISTB1-401.

Other SOLS courses, labs, and offices are in the Social Science Building, Interdisciplinary Science and Technology Building #4 (ISTB4), or the Biodesign complex, home of the ASU's Biodesign Institute and many microbiology graduate students.

Another location of note is the machine shop where you can get materials cut or built for experiments. These buildings can all be found by consulting the <u>ASU map online</u>.

How is the School of Life Sciences Divided Up? (SoLS Faculties)

Back in 2003, our school really led the charge by integrating the Departments of Biology, Plant Biology, and Microbiology, and the Program in Molecular and Cellular Biology, into the gargantuan School of Life Sciences (SOLS). The following is a list of the <u>SOLS "faculties,"</u> which are subunits of SOLS to which faculty are assigned according to their research interests.

- Biomedicine and Biotechnology
- Cellular and Molecular Biosciences
- Global Change Biology
- Genomics, Evolution, and Bioinformatics
- Human Dimensions of Biology
- Organismal, Integrative, and Systems Biology

Grad students within SOLS are currently divided into degrees in Animal Behavior; Biology; Biology & Society; Environmental Life Sciences; Evolutionary Biology; History of Philosophy in Science; Human & Social Dimension; Microbiology; Molecular and Cellular Biology; and Neuroscience. Each program has its own requirements for Comprehensive Exams, etc., so make sure to investigate these requirements in advance. You can find these requirements by checking out the SoLS Graduate Handbook (this handbook is usually updated annually, so be sure to double-check with your advisor and Program Director). Early on, opportunities exist to transfer between these programs.

International Students

International students who have been admitted to ASU must go to the International Students Office located inside the 1 st floor of the Student Services Building in Room #170, with their passport and immigration documents as soon as they arrive on campus. During the first week or so, carry a few photocopies of your passport's photo page; lots of offices will need a copy of this. Students must be enrolled as full-time students throughout the academic year (6 credit hours for TAs or RAs, and 9 credit hours for graduate students not employed by ASU). Passport and I-20 or DS-2019 must be kept valid at all times. You will also need to ask them about how to obtain a social security card. The ISSC website is also a great source for information. And don't forget that you MUST attend the mandatory international student orientation and look for dates on the orientation calendar you will be sent for New Grad Orientation.

Classes and Registration

You can also get all the registration information you need online at MyASU. From here, you can register for classes online, check your financial aid status, pay any outstanding balances. Class

schedules are available by clicking on "Class Search" under "My Classes". Your faculty mentor can help you decide what courses you will need to take your first semester, but we also recommend asking fellow grad students and not biting off more than you can chew.

If you want to register for any courses that require instructor approval, you must contact the instructor of record for that course and ask them if you can take the class. If they approve, they will enter an override on the system for you, then you can register.

If you want to register for Research (592 – Masters or 792 – Ph.D.), Reading and Conference (590 or 790), Thesis (599), or Dissertation (799) credit hours (recommended), you must obtain a class override from the SOLS Graduate Programs Office. A Google Form will be sent out to all current SoLS graduate students well before the start of each semester. Use this form to streamline the course permission process by filling out the course names and numbers for the courses you would like to enroll in.

Also, registration for the SOLS Friday afternoon seminar and the Graduate Student "Brown Bag" (Current Topics in Life Sciences) seminar requires an override (more on "Brown Bag" later on).

Not sure which classes to take? Check out **this spreadsheet** for recommended courses from your fellow grads that they've enjoyed, and contact info if you want to learn more! If you're currently enrolled, you can also connect with other students who are also taking the class!

Immunization Requirements

Before you attempt to register, make sure you have proof of TWO current measles vaccinations; otherwise, you will not be able to register. If you have already had two shots, more information and the submission form is available on the Student Health Services website. If you need a vaccination (or vaccinations), you can get it at the Student Health Services Center -- the cost is approximately \$65-70 per shot. Alternatively, if you're missing one set in a vaccination series, you can get a titer measurement done at the Student Health Services Center for \$15. IF YOU NEED HEALTH INSURANCE, MAKE SURE YOU PURCHASE IT WHEN YOU REGISTER (link on the front page of your Student Center). Health insurance is free (fee waived) for all TAs and RAs. You must sign up for it within the allotted timeframe, however, so do not delay. All international students are required to carry health insurance and are automatically enrolled in ASU Health Insurance after registering for classes.

Also, as of this fall, students are strongly encouraged to have the COVID-19 vaccine. Want to learn more? See this page here.

What is MyASU?

You can also get all the registration information you need online at MyASU (my.asu.edu). From the "student" view, you can register for classes, check your financial aid status and pay any outstanding balances. Class schedules are available by clicking on "Class Search" under "My Classes". You can keep track of degree progress under "My Programs and Degree Progress." MyASU is customized for each individual ASU student to not only receive information but also to perform all ASU functions as a student. This is where you go to access email, register for classes, find your grades, request transcripts, look at a student checklist, view your progress through your degree program, manage your finances, set up your direct deposit information, view the ASU calendar, etc. Below are screenshots of what your MyASU page looks like (either from the "student" or, for TA's/RA's, the "faculty" or "employee" view), and how to find key information.

Fees for Tuition/Maximum Credit Hours

Although tuition fees are on the rise, tuition remissions have been implemented for teaching assistants (TAs – remission paid by ASU) and research assistants (RAs – remission paid by faculty member you are working under) working 20 hours/week (50% FTE) to cover tuition up to 18 credit hours each semester. TAs and RAs should theoretically NOT have to pay any tuition other than INCIDENTAL FEES. The SOLS Graduate Programs Office will enter Tuition Remission and Health Insurance Coverage into the ASU Financial Aid system for you. HOWEVER, regardless of tuition remission, the Tuition Payment Office will bill you for your non-tuition fees after the semester starts. Fees (usually around \$200-\$400 per semester) can be paid by cash or check or using a debit card (you may use credit cards but there is an associated fee), or online by electronic funds transfer from a bank account. If you have any questions regarding fees, you can contact the Tuition Office (Tempe Campus) at (480) 965-6341.

TAs and RAs employed at 50% FTE will have to take at least 6 credit hours of graduate-level coursework (no audit hours!) to maintain full-time student status. But we recommend you go ahead and take the maximum 18 credit hours each semester to maximize the benefit of your tuition waiver!

Take a class you've always wanted to, learn a second language, or get ahead on your coursework requirements!

If you are *not* on payroll at ASU as a TA or RA, or you are on a scholarship or fellowship, the minimum number of credits hours to be considered a full-time student is 9 in the fall and spring and 5 in the summer – the maximum you can sign up for each semester is 18 credit hours. Note that there is a difference in tuition costs as an Arizona resident and a Non-resident. You may try to submit the paperwork for residency status after you have been in Arizona for one year, but <u>ASU's requirements for residency</u> are stringent. If you are an Arizona resident and in a situation where you do have to pay your own tuition the cost is the same for 7 – 15 credits. If you do have to take 9 credit hours for full-time status, you may as well take 12-18 credits each semester as the price is the same for 7+ credits. Especially given recent emphasis on GSAs for Ph.D. candidates (after comps). Even if you don't have to pay your tuition, residency will make RA's cheaper for the faculty member offering the RA and can be necessary for some fellowships.

If you are on a **GSA** (reserved primarily for students post-candidacy or summer RAs), you will be responsible for paying tuition and health insurance upfront. If on a GSA over the Fall or Spring semester, an increased pay rate intended to compensate for enrolling in 1-credit (usually dissertation), health insurance, and a little more as an incentive/candidacy raise. While 1-credit does allow you to be enrolled, it is not enough to be considered full-time and may affect the status of things like student loans (though this can be remedied with some paperwork) and taxes (part-time students are not FICA-exempt, full-time students are). If you are assigned a GSA that would negatively impact you (whether you don't have the means to pay upfront or through the installment plan, described below, or would be otherwise negatively impacted, notify the Grad Office and they should be able to accommodate you.

If you have pre-registered, tuition and fees are due by the last day of the registration period (this is *before* the first day of classes). If you register later, tuition and fees are due the same day you register. If you do not pay, you will be automatically enrolled in a tuition installment plan with a fee (unless you have financial aid). If you decide to drop any credits and want a refund, do it *ASAP*. Full refunds are only given before the first day of class. Each week thereafter the refund you receive will be docked an additional 20%.

Updates regarding policies regulating tuition and fees for Ph.D. students will be delivered periodically, so be sure to keep an eye on your inbox.

Tuition Installment Plan

FOR THOSE WHO MUST PAY THEIR OWN TUITION (not TAs and RAs)

<u>Tuition Installment Plan</u> - This provides students with an option to budget payment of their tuition over several months and to pay tuition with multiple credit cards or from multiple bank accounts. If you choose to enroll in the Plan, tuition and fees will be billed on Student Accounts Receivable in installments with staggered due dates.

Enrollment in the Tuition Installment Payment Plan All students are eligible to enroll in the <u>Tuition Installment Plan</u> after registering for classes. To enroll in the Tuition Installment Plan, select *ONE* of the following options:

- Log onto MyASU and select the option "Finances", then "Tuition Installment Plan".
- Complete and mail the <u>Tuition Method of Payment form</u>
- Visit the Student Accounts Office on the second floor of the Student Services Building. If you select to pay your tuition through this plan, you must enroll in the Tuition Installment Plan each fall and spring semester and each summer session. Non-financial aid students (those who are not TAs and RAs or Fellowship) neglecting to pay tuition by the applicable tuition payment deadline will automatically be enrolled in the Tuition Installment Plan.

Enrollment in classes completes the registration process. By registering for classes you agree to pay all applicable tuition and registration fees. If you decide not to attend classes, you must officially withdraw from the University.

Enrollment Fee Students enrolling in the Tuition Installment Plan, or automatically enrolled in the Plan due to failure to make payment by the tuition payment deadline, will be charged a per semester non-refundable enrollment fee of \$100 (AZ residents) and \$200 (non-residents) each Fall and Spring semester and \$50 (AZ residents) and \$100 (non-residents) each Summer session. The enrollment fee will be billed on Student Accounts Receivable and is due at the same time as the first tuition installment. The enrollment fee is non-refundable, even if you drop or withdraw from classes.

Health Insurance

ASU and faculty mentors provide health insurance coverage for TAs and RAs, respectively. Each grad employed as a TA or RA for 50% FTE gets single coverage through the ASU student health plan. To enroll for health insurance, you must indicate that you wish to "purchase" it when you register for classes through the 'Campus Services' tab on myASU. For more information and instructions on how to sign up, visit the EOSS Student Health Insurance Options web site.

It's important to note that student health insurance does not cover prescriptions. If you

have any insurance questions, call 965-2411.

Appointments for medical services are made at the Student Health Services Center (just north of LSA) and there's a referral service if a specialist is needed. Call for an appointment (480-965-3349), make one online, or walk-in if desperate. Like all university health centers, there can be lots of students waiting to be treated for runny noses, so bring a good book or paper to read during the wait. For more information, check the website.

ID Card - Sun Card

The ASU student ID card is called the Sun Card – you can get your Sun Card after you register for classes. This card is your student identification card, library card, copy card, and sometimes your building and elevator key. You will also be able to use it like a credit card for things like vending machines, charging items to your student account, and paying for phone calls, if you sign up for this service. Your Sun Card gets you into the Student Recreation Complex (i.e., the gym) and, when validated, gets you into some ASU athletic and cultural events for free or at a reduced rate. Validation for the current semester can be obtained at the Gammage Center or University Athletic Center ticket offices. Take it with you to Harkins Movie Theaters to get a reduced student rate.

Your ASU Sun Card can be obtained at the beginning of the semester after you register for classes. The Sun Card office is in the Lower Level of the Memorial Union (south end) inside Union Station, MU 59. You will be asked to fill out a card with your name, ASU ID number, and classification (Student, Faculty/Staff, or Other). Students pay \$25 for their card -- they accept cash, check, Visa, MasterCard, or you can have the charge posted to your University Student Account. You must show a valid photo ID such as a: U.S. Driver's License, Passport, or high school ID, so they can verify who you are before your Sun Card is created. Afterward, they take your picture & produce your card right on the spot. The process takes about 3 to 5 minutes (without lines) and you will walk away with your new Sun Card. More information is available at their website.

Student Email Accounts at ASU

With their ASU admission letter, a new student will receive an ASURITE UserID, an activation code, and instructions to activate their account. This site will allow the new student to activate their ASURITE UserID from an off-campus computer and create his/her own passphrase. After asking you to review our policies and security information, the system will verify your identity by requesting your date of birth. You will then be required to select your passphrase. Please practice good password security. You are required to change your password every so often.

The system will then ask you if you have an email account. If you want to continue using

your current email system, be sure to select "Yes, I have an email account" and then enter the address of your personal email mailbox. This important step will ensure that you get all correspondence that ASU sends you via email.

If you want to use an ASU email as your primary email, you have two options. First, ASU has partnered with Google to provide ASU email via a Gmail interface. Some students love this interface, whereas others prefer to use another client program. In this case, ASU Gmail can be configured for IMAP. You can also set up ASU email on your smartphone, and use email forwarding. Finally, technically, employees (TA's and RA's) should be able to use Microsoft Exchange (all the features of outlook). Grad students have had variable success with this. More info on all of this can be found at: http://help.asu.edu.

How do I subscribe for ASURITE services? Once the ASURITE UserID has been activated, a student can add services, such as a statistics cluster and webspace (note: for some services, the student must have registered and paid for classes). To add services follow these instructions: 1. Go to http://asu.edu/selfsub. 2. Log in using your ASURITE UserID and passphrase. 3. Select the services to which you wish to subscribe.

Accessing your ASU E-mail Google is now partnering with ASU, providing all students a Gmail based email interface, which allows you to check your ASU email from anywhere you can gain access to an Internet connection:

- 1. Open up a browser and go to http://email.asu.edu . Alternatively, click on the 'My Gmail' icon
- on the left side of your myASU page.
- 2. Enter your ASURITE UserID and passphrase.

For additional information about your ASU Gmail an how to create an additional email addresses, aliases, see this link:

http://help.asu.edu/sims/selfhelp/SelfhelpKbView.seam?parature_id=8373-8193-6914.

If you would like to send your email as you alias, not your ASURITE address, then follow the instructions here: https://support.google.com/mail/answer/22370?hl=en.

Resources for Help with Email Submit a question online (http://help.asu.edu) or call the IT Help Desk at 480.965.6500.

 Your ASURITE UserID and passphrase is used to log on to site computers, into your email account, and other online services. To find email addresses for other ASU students or faculty, the <u>ASU directory</u> is very useful



You can get your keys by filling out the <u>facilities request form</u>. If you don't hear back from facilities, reach out to Judy Swartz or David Bello (LSE 237). Your faculty mentor

must approve the form to which keys you can get. You may have as many as 4-5 keys (main door, office, research lab, teaching lab, and maybe one to your advisor's office).

You can gain access to the Graduate Student Resource Center (LSA 187 - right next door to the Graduate Programs Office) by punching in the appropriate keypad combinations. These combinations are available from the personnel in the SOLS Graduate Programs Office, LSA 181.

Bank Accounts

You should establish a local bank account within the first week you are in Tempe. There is one bank and some ATMs located in the Memorial Union.

Midfirst Bank

Main and lower levels of the Memorial Union; ATMs throughout the Memorial Union and ASU's campuses. **Arizona State Savings & Credit Union**

Hours: Mon. - Fri. 9 a.m. - 5 p.m.

Automated Tellers: Mon. - Fri. 8:30 a.m. - 5:30 p.m. (602) 644-4780

- **Upside:** Branches on-campus and potential to combine student ID and debit card into one card the Pitchfork Card.
- **Downside:** Not a ton of Midfirst branches or ATMs off-campus

Arizona State Savings & Credit Union ATM

The lower level of the Memorial Union

Chase (formerly Bank One) ATM

main level of the Memorial Union

ATMs are also scattered around other places on campus, including outside the bookstore. Near campus, there is also a Wells Fargo bank located close to the corner of University & Mill Ave (with ATMs, plus another ATM on College Ave & 7 th st., and a Bank of America around Mill Ave plus 2 ATMs on 7 th st).

Direct Deposit Paychecks for TAs, RAs, and GSAs

If you are employed by ASU as a TA, RA, or GSA, you may be able to have your paychecks deposited directly into your account, if your bank provides this service. Once you set up your local bank account, you might want to check if that service is available to you. This means you do not have to pick up your check and deposit it (otherwise known as manual labor); your pay is added directly to your account and you can view your pay receipt online through ASU Interactive. This is particularly wonderful if you are off in the field doing research or have an all-day experiment running on payday. To enroll in Direct Deposit for your paychecks, click on the Direct Deposit link under the

Employment heading on the "Faculty" or "Employee" page. Student Employees will not use the "Enroll in Direct Deposit" link under Financial Aid of the My Finances section of My ASU. This is to receive your Financial Aid refunds, not your paycheck. It is strongly encouraged that you enroll in direct deposit, as it can be troublesome to pick up your paychecks in person!

Your paycheck can be deposited in up to 5 accounts. The Direct Deposit account is normally active within 24 hours, unless it is set up during a pay week. If the Direct Deposit information is submitted after 5 PM of the Monday of a pay week, it may not go into effect until the following payday. Your paycheck will be distributed in the form of a paper check until the direct deposit enrollment is complete.

It usually takes a couple of pay periods to activate this service. The ASU Credit Union, Wells Fargo, Bank of America, Chase Bank and Bank One all offer direct deposit, and at least Wells Fargo offers to do all the ASU paperwork and submission for you, so ask at the bank you choose if they have an arrangement already worked out with ASU.

Bus and Light Rail Passes

ASU offers the **U-Pass**, an annual transit pass that grants unlimited access on all Valley Metro bus routes and the METRO light rail, for a fee of \$150 for fall and spring semesters. With the U-Pass, you can travel between the Tempe & Downtown Phoenix campuses, hitch a ride to the airport or arrive at nearly any destination in the greater-Phoenix area. This option is a lot cheaper than parking on campus. Many students park at light rail stations, and ride the light rail into campus. These passes can be obtained from the Parking and Transit Services office in the University Towers by the Sun Devil stadium at any time, or a few other locations at the beginning of each semester (look for emails about locations). Check out the bus schedule. For more information about transportation services at ASU, visit their website.

Other Transit Options

ASU provides free on-campus shuttles at the Tempe Campus that transport students from outlying parking areas and campus buildings to other on-campus destinations, as well as free intercampus shuttles that connect all four ASU campuses. ASU is a part of Zipcar, a car-sharing program that provides low-emission; fuel-efficient vehicles parked right on campus for use by members of the campus community, and will be available on all four ASU campuses. Bike racks are conveniently located around campus and accommodate thousands of bikes each day at ASU for those who choose biking as a transportation option. And, the City of Tempe's Orbit Shuttle system is a free neighborhood circulator that makes stops at the Tempe campus as well as nearby restaurants, shopping centers and other local points of interest. The City of Phoenix operates a similar free shuttle called the DASH. If you have any questions, you can call (480) 727-7053 or visit the ASU Parking and Transit Services website.

Parking and Biking

As on many large campuses, parking is a hassle and is expensive. The best alternative is to live near campus and ride your bike. Tempe is, however, a very busy city so it is essential to keep highly alert for bad drivers, wear a helmet, and obey all <u>bike laws</u> – you can get an expensive ticket for violations (e.g., for riding on the sidewalk against vehicle traffic or not having a front light on at night. **We strongly urge bike riding, busing, or walking if you live near campus**. For more information on biking see the section in Chapter 5.

If you must drive, you can purchase <u>parking decals</u> for the year (August 16th through August 15th of next year) from the <u>Parking and Transit Services</u> Office in the University Towers by the Sun Devil stadium. The price of parking decals ranges from \$280 (lot 59, open-air parking 15-20 minute walk from the main campus) to \$780 (for several covered parking structures). If you'll be using one of the lots daily, obtain the sticker as soon as possible after your arrival on campus to get as close to the Life Sciences buildings as possible. You'll need to sign (or provide proof) that your car has a current emissions certificate (see Chapter 5, VEHICLE REGISTRATION), car registration (out-of-state is fine), and picture ID.

Some free parking can be had weekdays around the S. Farmer St. area on the West side of campus. Similar parking opportunities are available on the East side of the campus (e.g. along 8 th street) and the south side of campus (along Apache), but you may need to arrive early in the day to be guaranteed a parking spot. Parking fines are hefty so be sure to read any signs.

For quick loading and unloading trips, you can park for 20 minutes in one of the two loading zone spaces in the Health Center lot off of University (entrance just west of the walkway over that thoroughfare) behind LSA near the southeast corner of LSE, or behind ISTB1.

Bicycles

Bicycles are the vehicles of choice at ASU. New graduate students should check out the Tempe Transportation Center, across the street from Parking and Transit Services. There's information on the bus system, plus there's the <u>Bicycle Cellar</u>, which is a great starting point for bicycling resources, including maps of Tempe and the greater Phoenix area. The Bicycle Cellar mostly focuses on bikes and parts for commuter-type cyclists.

Safety – Helmets and Locks A good lock (i.e., a U-lock – cable is too easy to cut through), used wisely, is an *absolute necessity* (you may have already noticed a

plethora of lonely bicycle tires securely locked to the bicycle racks around campus... *minus the bicycle*). Bike theft is one of the most common crimes experienced on ASU campus, so lock your bike up carefully (although a lock is no guarantee). You can obtain <u>discounted</u> gear and lights from parking and transit services . <u>Here's</u> some useful advice on keeping your bike safe .

Bikes can be <u>registered</u> with the campus police at or in person at the valet stations around campus. If your registered bike is stolen you may possibly be able to get it back (unlikely) or at least make it easier to get insurance money for it. At the very least, record your bicycle's serial number somewhere.

Again, when riding your bike, be HIGHLY alert for bad drivers, WEAR A HELMET, and obey all bike laws. You can get an expensive ticket for breaking bicycle laws (e.g. for riding on the sidewalk against vehicle traffic, biking at night without bike lights, etc. When in doubt, assume that you are subject to the same rights and responsibilities as motor vehicles (in actuality, there are also additional rights and responsibilities for bicycles). Arizona Cycling Street Smarts is a good introductory guide to vehicular cycling.

Bike Shops

There is a good variety of bike stores in Tempe with a range of prices. Rebecca Clark, a SOLS grad student with a penchant for cycling, has provided a review of each of these stores...

<u>Landis Cyclery</u>, sells good stuff for commuters and pretty good high-end bikes, good mechanics there (Southern Ave. and Price Rd.).

<u>Bike Saviours</u> bicycle co-op, open Sundays 12-6, focus on teaching people bicycling repair skills. Open shop with tools available for use and volunteer staff who help out. They get donations of old bikes and make those available for pretty cheap (\$50/full bike), but the person purchasing the bike is responsible for refurbishing it (University Dr. and Roosevelt St.).

More Information: Tempe Bicycle Action Group (Yep, <u>TBAG</u>, Facebook page <u>here</u>) is a good starting point for learning more about broader bicycling issues and can also help you find safe and fun leisure rides.

Bicycle paths for exercise and/or scenery are located in Papago Park, the Scottsdale Greenbelt, Tempe Town Lake, and along the numerous canals in the Tempe area.

Brown Bag

A class definitely worth signing up for is the SOLS Brown Bag -- a weekly meeting of

graduate students for a highly informal and very entertaining lunchtime seminar (hence the name "Brown Bag"). Brown Bag takes place on Fridays at 11:30 AM-1:00 PM, and will hopefully be back in person this year with food (in LSE 244). Food usually arrives around 11:30 and many people choose to come before noon to eat and chat!

Brown bag is a faculty-free, low-pressure environment for graduate students to practice giving talks to an interdisciplinary audience and receive feedback from students with a wide range of expertise. Any and all presentation ideas are welcome and encouraged. Possible topics include, but are not limited to:

- Preliminary ideas about research topics/projects
- Practice for conference talks, proposal defense, thesis/dissertation defense
- Talks about involvement in programs or experiences outside SOLS such as working with/in industry, internships, international research, working with large collaborative networks, funding opportunities, external courses, and other resources that may be available to graduate students, etc.
- Professional development workshops

Brown bag provides a casual meeting place that facilitates communication and camaraderie in the graduate student community over FREE LUNCH (fingers crossed this year!). Hang out with your friends, make new ones, hear about cool science, and gorge yourself on pizza (and sometimes other foods like sandwiches and salads): what's not to like? Graduate students can connect with one another to exchange ideas, form collaborations, advertise upcoming events, and express concerns. The first meeting each year (usually the first Friday after classes begin) departs from this general format and will be primarily an opportunity for new graduate students to be introduced to the current group of graduate students.

Brown bag is a forum for graduate students to communicate with the graduate student executive board, the Associated Director of Graduate Programs, the SOLS director, and the Graduate Programs staff for discussions about funding, annual reports, health care, and other topics.

For students in programs without a program-specific seminar, Brown Bag is a great option to practice talks and get feedback outside of your specific lab group. For students that do have program-specific seminars, Brown Bag is a chance to practice talks for an interdisciplinary audience.

Brown Bag is listed as BIO 542 SoLS Current Topics in the Life Sciences (class number 89292). Most graduate courses require an override, so you may have to obtain the override by listing the course on your course permissions request form! Registration is not required to attend Brown Bag, but it is highly encouraged. There is a forgiving attendance policy for those registered and the tuition (indirectly) helps fund the food provided at this Brown Bag seminar, so it's good to register!

SoLS Seminar

Be sure to attend the SOLS Seminar, which brings national and international scientists to present their research results to members of SOLS. SOLS is currently working on a website to organize its seminar schedule; in the meantime, information will be available on the SOLS Graduate Programs Canvas (see its section for more information). Seminar announcements are also made via email from the Research & Training Initiatives (RTI) office (recently changed to the Research Advancement Office).

If you wish to meet with one of the speakers for a one-on-one discussion (usually half-hour slots), you should arrange this in advance with Carl Jimenez (carlj@asu.edu) 480.727.3617. Graduate students often can have lunch with the speaker on the day of, or the day before the seminar, so this presents an additional informal opportunity to network and chat with the invited speaker.

CHAPTER 2: Who's Who?

For phone numbers and email addresses, all of the following individuals can be found via the <u>Directory</u> search on the main ASU webpage.

E-Board

To start off, let's introduce you to the students of SOLS Graduate Student Executive Board! The current students in SOLS government this year are as follows:

President: Brandon Favre, <u>bfavre@asu.edu</u>
Vice President: Cassi Lyon, <u>celyon@asu.edu</u>

Secretary: Madeline Buhman, mbuhman@asu.edu **Treasurer:** Sydney Millerwise, smillerw@asu.edu

Diversity and Inclusion Rep: Samantha Harker, <u>saharker@asu.edu</u>
Undergraduate Programs Committee Rep: Josh Lesio, <u>ilesio@asu.edu</u>

Graduate Programs Committee Rep: VACANT

GPSA Assembly Member: Mehreen Tahir, smtahir2@asu.edu
International Students Rep: Linus Tiwari, stiwar30@asu.edu
Mental Health Coordinator 1: Jaelyn Darden, jdarden1@asu.edu

Mental Health Coordinator 2: Allie Hays, aehays@asu.edu

RTI Rep: Harley Richker, hrichker@asu.edu

Sustainability Director: Madeline Buhman, mbuhman@asu.edu

Brown Bag Coordinator: Britni Livar, blivar@asu.edu

Events Coordinator: VACANT

Graduate Student Recruitment Coordinator: VACANT

Communications Director: Amalie Strange, asstrang@asu.edu

Facilities Representative: VACANT

Umbrella Admissions Committee Rep: Laura Banken, lbanken@asu.edu

Mentorship Coordinator 1: Livia Cruz, <u>Lrcruz3@asu.edu</u>

Mentorship Coordinator 2: Jarrett Joubert, <u>iliouber@asu.edu</u>

Key Faculty

Apart from your advisor and committee members (to be determined), you may need to know several faculty members in SOLS including:











(left to right)

Director: Nancy Manley

Graduate Director: Stephen Pratt

Undergraduate Director: Shelley Haydel

Research Advancement Office Director: Wim Vermaas

Facilities Director: Kevin McGraw

Program Directors

Animal Behavior PhD

 $\textbf{Gro.} \textbf{Amdam} \textbf{-} \underline{\textbf{Gro.} Amdam@asu.edu}$

Animal Behavior PhD Faculty

Biology PhD

Marco Magone - mangone@asu.edu

Biology PhD Faculty

Biology (Biology and Society) PhD

Karin Ellison - Karin.Ellison@asu.edu

Jane Maienschein - maienschein@asu.edu

Biology (Biology and Society) PhD Faculty

Environmental Life Sciences PhD

Hinsby Cadillo-Quiroz - hinsby@asu.edu

Arianne Cease- acease@asu.edu

Environmental Life Sciences PhD Faculty

Evolutionary Biology PhD

Anne Stone - acstone@asu.edu

Jesse Taylor - <u>Jesse.E.Taylor@asu.edu</u>

Evolutionary Biology PhD Faculty

History and Philosophy of Science PhD

Richard Creath - Creath@asu.edu

History and Philosophy of Science PhD Faculty

Microbiology MS and PhD

Rajeev Misra - rajeev.misra@asu.edu

Microbiology MS and PhD Faculty

Molecular and Cellular Biosciences MS and PhD

Jeanne Wilson-Rawls - Douglas.Lake@asu.edu

Douglas Lake - Jeanne.Wilson-Rawls@asu.edu

Molecular and Cellular Biosciences MS and PhD Faculty

Neurobiology PhD

Rita Sattler - rgsattle@asu.edu

Jason Newbern - Jason.Newbern@asu.edu

Neurobiology PhD Faculty

Plant Biology and Conservation MS

Changbin Chen -cchen347@asu.edu

Plant Biology and Conservation Faculty

Scientific Teaching in Higher Education Certificate

Bryan Henderson - ibryanh@asu.edu

Scientific Teaching in Higher Education Faculty

The Administration

And last, but by no means least, are the people that make everything here run smoothly! While they are there to help you in any way they can, please be respectful of their time and of the substantial amount of work they do every day to keep you on track (all 300 of you)! To that end, please do not demand things from them, and try to email them ahead of time with what you need if possible! Here is a list of some of the key individuals that you are likely to interact with (for a complete updated list, see the <u>SoLS</u> <u>Directory</u>):

Graduate Office (LSA 181):

Kylie Franse (Graduate Support Coord) Kylie.Franse@asu.edu
Amanda Vigil (Manager Graduate Programs) Amanda.C.Vigil@asu.edu
Gillian Rodriguez (Graduate Program Coordinator) gjrodri3@asu.edu

<u>Business Office</u> (LSE222): **Krista Hartrick** (Business Ops Specialist Sr)

Kayleen Lilly (Business Operations Specialist)
Maricel Scalzo (Business Operations Specialist Sr)
Catherine Ashmead (Business Operations Specialist Sr)

Business Office (Poly Campus)

Kristine England (Business Operations Specialist)

Audiovisual, Packages (LSE 229W):

Miguel Carrillo Dominguez (Academic Facilities Spec Sr)

Facilities Manager (LSE 251):

Judy Swartz

Keys (LSE 237):

Judy Swartz (Facilities Asst Manager)

David Bello (Academic Facilities Specialist)

Visualization Lab (LSE B61):

Jacob Sahertian (Dir Academic Media)

Animal Care Supervisor (ISTB 122):

James Badman (Department of Animal Care & Technologies Assoc Director)

RTL(LSE 549):

Wim Vermaas (RTI Chair)

Health and Safety (LSE 237):

Catherine "Cathie" Mancini (Health and Safety Officer) Catherine.Mancini@asu.edu, P: 480-965-0142

CHAPTER 3: How to Get Involved?

The best thing that you can do to enhance your graduate student career is to become involved. That way, you will meet other graduate students, have a group of people you can easily find when you have questions, and learn how to make the Valley of the Sun your new home. Here are some good ways to get involved:

- Attend the weekly "Brown Bag" meeting to learn about the research activities
 and latest discoveries of fellow students (you will also be advised of happy hours
 and parties at this meeting!).
- Attend reading groups. They meet regularly to discuss papers in virtually every life science discipline.
- Check the <u>SunDevilSync</u> listing for all of the clubs at ASU. Some are undergraduate-oriented, but most welcome graduate students or may even be graduate-student only. ASU has over 1000 registered student organizations, so it's highly likely there'll be a club you might be interested in joining! If there isn't a club that fits interests, consider <u>starting one!</u> All you need is yourself, two other students, and a faculty advisor, and that's it! Also, pro tip, once you've started your club you'll be eligible for thousands of dollars in funding for your club's events, meet-ups, and swag.
- Join the SOLS talk listserv and get emails about parties, events, groups to join, and other happenings (there may also be discussions of a political nature, etc., at times). Just email Brook Jensen (bmjense4@asu.edu) to be added.
- Mentor Undergraduates, high schoolers, or middle schoolers through a variety of programs offered by SOLS.
 - o Ask-a-Biologist,
 - SOLUR
 - o SCENE
 - o GPSE
 - Ecology Explorers
- Finally, there are more or less informal groups of movie buffs, softball aficionados, soccer fanatics, ultimate Frisbee addicts, dance enthusiasts, and more—ask around!

SoLS Calendar

SOLS Events are posted on the <u>SOLS Google Calendar</u> (click to add). Keep up to date with the happenings, including weekly events, reading groups, workshops, town halls, and more by adding this calendar to your Google calendar.

Social Life?

"If you plan it, we will come." Small living spaces are no excuse not to have a party! Although we work hard, we also manage to find time to relax a little bit and pursue

non-academic activities. The following are just some activities that SOLS graduate students managed to find time for during the last few years:

- Hiking, camping, rock-climbing, mountain-biking
- Attending <u>ASU musicals</u>, <u>plays</u>, <u>dance performances</u> and Broadway shows at the Gammage Auditorium
 - Gammage is the main broadway performance venue for Arizona. It has
 national-level talent on the regular, and it also has a <u>student rush program</u> where
 you can buy last-minute tickets at the box office for cheap prices (e.g. \$25 to see
 The Lion King, Hamilton, Chicago, etc.). Tickets go fast so be sure to plan in
 advance if you're going to go for rush tickets
- ASU Choral Union
- Dance lessons in swing and salsa
 - The Duce
 - o Mijana
- See a band (Valley Bar, Crescent Ballroom, etc.)
- Softball, soccer, racquetball, tennis, yoga, fencing, kickball
- Movie nights and B-movie nights
- Tubing down the Salt River
- Pool parties, Halloween Parties, Alley Parties, Potlucks, and Field Days
- Visiting the Desert Botanical Gardens, the Phoenix Zoo, the Arizona-Sonora Desert Museum, the Heard Museum
 - You can get discounted or free admission if you go to any of the ASU Library locations (e.g. Hayden, Noble, etc.) and ask for a 'Culture Pass'.
- Attending First Fridays on the first Friday of every month in Downtown Phoenix: live music, art galleries open late, free admission to museums (more info on museum free days here). Transport and other info here and here.
- Escaping the heat by heading up to Flagstaff, Prescott, Jerome, or Sedona
- Checking out Arizona's substantial craft brewing and microbrewing scene
- Exploring the local live music scene (yes, there is one, and it can be great if you know where to look.)
- Taking great cheap classes at Tempe's community center (painting, pottery, dance, etc.).

Other grads will usually be your best resource for figuring out what is happening around town, but you can also check out local papers like the Phoenix New Times or the College Times for listings of events. Also, Tucson, Los Angeles, San Diego, Las Vegas, and the Mexican coast are all well within a day's drive away if you are itching to get out of town and try other places in the Southwest.

CHAPTER 4: Teaching

For many this may be your first experience as a teaching assistant. Thus we want to offer some practical advice for getting off to a good start as a TA at ASU. All SoLS teaching assistants are required to take BIO 530-Scientific Teaching in the fall of their first year as a graduate student. New TA's are also required to fulfill the Graduate College's TAD completion requirement.

- 1. **BE PROFESSIONAL** and **RELAX**. Although you are expected to perform research at ASU, you are also expected to perform your duties as a teaching assistant to the utmost of your ability. You owe it to your students to do your best to prepare for every lab. No doubt you will learn much along the way about the material that you cover in your lab sessions, but there is no substitute for preparation. If you know the laboratory material well, you will be able to handle almost any challenge presented by your students. Also, standing in front of a room full of students is only daunting for the first few minutes of any lab, so it's a good idea to take a deep breath, remember that you prepared well, and relax!
- 2. The **first TA meeting** will be largely organizational, so bring your class schedule to the first TA meeting to facilitate the assignment of lab sections.
- 3. YOU ARE THE AUTHORITY IN THE CLASSROOM AND STUDENTS ARE EXPECTED TO FOLLOW YOUR INSTRUCTIONS. As an authority, you should conduct yourself in a professional manner. Set guidelines for behavior and course expectations right at the beginning, advertise them frequently and stick to your guns.
- 4. **Ask other grad students who have been through the course for advice** draw on their experience. Many will be happy to let you sit in on their sections to observe how they handle the labs, share resources, etc. Likewise, don't hesitate to ask the professor in charge if you're not clear on something.
- 5. Address cheating in the classroom. Unfortunately this is a problem at ASU (as elsewhere). At the first TA meeting, you should ask the professor about his or her position on cheating. It's also a good idea to remind students that cheating will not be tolerated and what the limits are to group efforts. Furthermore, be warned that many students have not been taught that restating a report line by line while changing every third word is indeed plagiarism (or what plagiarism is and why it is wrong).
- 6. **Get a 'stranglehold' on your time.** Teaching can eat up more time than you realize. Juggling teaching, research, and coursework is one of the greatest challenges of grad school (second only to deciding on a research project and trying to schedule a committee meeting). Unfortunately, there is no easy solution to this problem, but you will get better at it over time. Remember you are expected to put in no more than 20 hours/week for your TA assignment unless otherwise notified in your TA letters from

SOLS.

- 7. **Office hours**. Your TA assignment usually requires that you be available to students for 1-3 hours a week outside of class. Several points to note:
- a. Be considerate of your office mates; your students' behavior, while they're in the office, is your responsibility. Restrict the number of students in the office or hold office hours outside if the weather is agreeable, or consider holding them in an empty classroom (leaving a note as to your location for latecomers).
- b. If you tend not to get many students for office hours, go ahead and work in your lab (again, leave a note as to your location).
- c. Schedule office hours between other responsibilities. This keeps large blocks of time free for research and prevents students from taking over your day.
- d. If you find yourself alone in a room with only one student, it is good to keep the door open.
- 8. **Problems**. If you find yourself in the unfortunate situation of running into problems associated with teaching (be it with students, lab setups, class policy, or other matters), talk to the course instructor for help. Faculty usually want to know if you are struggling with an issue and can provide help.
- 9. **Resources:** The <u>Teaching Innovation Center</u> (run by Sarah Prosory and Amy Pate) is a great resource for help leading a class. If you have questions on anything from Canvas to iClicker, you can reach out to them at <u>tic@asu.edu</u> or visit them on campus in LSC L1-54.

CHAPTER 5: Resources for Later On

Audiovisual Equipment

Laptop computers, digital projectors, etc., are available for check-out to you as a SOLS graduate student. To check out equipment, see Miguel in LSE 229W or fill out the online form. If you need something that Miguel does not have, you can also check out equipment from classroom support services. There are several offices throughout campus; one is located on the first floor of Computing Commons. Bring your graduate student ID card and be ready to argue with inexperienced employees to get permission, required usage periods, and delivery of some items (e.g., projector carts). If you make a reservation, triple-check it.

Campus Phone Directory

Free student/faculty phone directories are available at the bookstore a few weeks after the beginning of the semester. If you do not want your home phone and/or address included in the ASU directory, go to any registrar site and ask for the appropriate card to keep this information confidential.

Computers

Within SOLS, the most convenient computing site is the **Graduate Student Resource Center (LSA 187)**. There is a combination lock on this room and an individual code is necessary to use the printer; get the codes from the Graduate Programs Office (LSA 181). This room is also used for meetings and conferences, so please take note of any signs designating these below the room number plaque. Do not enter if a meeting is in session. There is an additional computer and printer available for use in the Graduate Programs Office (LSA 181) if needed. The official grad computing resource policy is available in the documents section of Canvas, is short, and should be read by every grad. KEEP THIS ROOM CLEAN AT ALL TIMES.

Computer support inquiries (lab or personal) should be made to the ASU UTO Support area. Do not email them with questions; rather, make requests for support via myASU's 'Service Center' tab.

Conference Rooms

Several conference rooms in LSE are available for you to use. When you need to

reserve a conference room for a committee meeting or your comprehensive exams, contact the <u>SoLS Graduate Office</u> and via the <u>Facilities Request Form</u>. There is also a conference table in the Grad Resource Center (LSA 187), which will be available for informal or formal meetings. You may also request a room via the <u>Facilities Request Form</u>.

Credit Unions

As an official State employee, you are eligible to be a member of the Arizona State Employees' Savings and Credit Union. To open an account, you must buy a \$50 share, which constitutes your minimum balance in a savings account. To qualify for a Share Draft (checking) account, you must either keep a \$500 minimum balance in your savings account or qualify for a \$500 line of credit (not hard to do as an ASU employee). Applications for credit and more information are available at the branch office in the basement of the Memorial Union (south end of the building). The credit union has no monthly or per-check fees and has direct deposit of paychecks, sells traveler's checks, and has a car-buying service, should you have occasion to use them.

Although there is an ATM just outside of the Credit Union in the MU, this is only one of two in the Tempe area; so one disadvantage of the Credit union will be the withdrawal fees that you are charged for using the ATMs from other banks. However, you can use any Federal Credit Union ATM with no fee (Desert Schools Credit Union has lots around – even one near Mill Ave.). A list of locations of available Credit Unions in the area is available from the Arizona State Credit Union (in the MU).

Keep in mind that Bank of America, Chase, Wells Fargo, and Midfirst Bank and several other banks also offer free checking and certainly have more ATMs around, including in the MU, where Midfirst even has a branch office.

E-Journal

Many journal articles are available for free downloading from ASU computers. You can also gain access to these online journals from home by logging into your campus account using your ASURite ID and password. There are also many library resources available and SOLS even has its own library representative. For more info, browse the <u>ASU Library website</u>. If you're interested in an article that ASU does not currently have access to, you should be able to request it through an <u>interlibrary loan</u>. Don't hesitate to follow up on a request if you receive no response within a few days - just be polite.

SoLS Graduate Programs Resource Page

You can stay updated with all the announcements, deadlines, funding opportunities, seminars, graduate program-specific information (such as requirements), etc., happening within SOLS and at ASU by going to the SOLS Graduate Program Canvas

page (to access it, go to your MyASU page>Canvas> Organizations > SOLS Graduate Program). This is the most complete repository for any official SOLS information you may need to know and is constantly being updated by the Graduate Office. Make sure you check it every now and then.

SoLS Graduate Student Success Page

To get information about expectations for your graduate program, for information about finding, or for details about completing graduate milestones (setting up IPOS, your committee, progress reports, and comprehensive exams) Check out the Academic advising's <u>SoLS grad success page</u>

Grad Student Listserv

As a SOLS graduate student, you will automatically be added to the SOLS graduate student listsery, known as LSGRADS. To send to this listsery, send your message to LSGRADS@asu.edu. You must send this from your asu.edu account. This is a broadcast emailing system that allows you to reach all of the grad students in SOLS via one email address. (If you reply to one of these emails, it will only go to the sender, which will hopefully prevent a lot of embarrassing gaffs we've seen in the past.) It's indispensable for keeping up-to-date on departmental issues, events, and grad concerns. The list is the official means of communication to all SOLS grads, and so our current LSGRADS list gatekeeper, the E-Board IT organizer (see E-Board list above), will automatically sign everyone up using their ASURITE email [asurite user namel@asu.edu. They also manage the SOLSTALK listserv (see above). You can unsubscribe yourself from the list by following the instructions that you'll receive automatically when you are subscribed. Here are the rules: The University stipulates that our campus accounts have these 'specifically acceptable' uses: communication associated with professional issues, grants administration, teaching, or other ASU business.

- The following are 'specifically unacceptable' uses per ASU: use for chain letters, for-profit activities, 'spam', harassment, mailings that are anonymous or impersonate another individual, allowing anyone else to use your account, uses that overload the network, and anything illegal or that violates University policy.
- Our list policy elaborates on the above by stating that jokes and commentary that are unrelated to departmental or grad issues (particularly anything that could be considered spam or harassment as indicated above) are not acceptable.
- Information Technology enforces the University's Acceptable Use Policy in consultation with Student Life, Legal Counsel, and management. Violation results in the termination of your account. Questions about the policy can be addressed to EMAIL-Q@asu.edu.

Our own policy addendum is enforced with peer pressure, so users must ensure that they comply with the standards. For example, sending rude emails or harassing others

with spammy memes will probably annoy others, so avoid doing it. Likewise, if any of us receives a message that we think is outside the realm of acceptability, it is our own responsibility to inform the message sender that he or she is out of line. Many grad students enjoy exchanging jokes, etc., over email, which is certainly allowable as long as it is not done on the listsery. Joke connoisseurs should set up personal email lists on individual accounts. Informational messages about grad student social gatherings or other activities that invite grads as a whole are also acceptable. For those of us who actually conduct scientific research on things like sex, discussions about topics of this touchy nature are perfectly admissible when they are professional in context and tone.

We also have a voluntary and separate listserv called SOLSTALK. The main LSGRADS listserv will thus be reserved for SOLS-related messages dealing with reading groups, requests for books/equipment/reagents, seminar notices, etc. The secondary listserv is used primarily for messages regarding social events, biology policy debates, sale ads, etc. If you would like even more notices about items for sale, apartments for rent, etc. a great resource is the GRADAD listserv, more information here.

Grad student Slack

Interested in peer support, need to find a roommate, or interested in job opportunities? The SoLS grad student Slack page is a great place to share information about upcoming events, ask questions about housing, find job postings, or to find support from other students. It is meant to supplement the listserv and allow for more conversations between students. It is a great way to connect with other people in similar situations, or to connect with potential friends. There are specific channels for 4-plus-one students, events, job-postings, housing, grad office announcements, academic peer support, and international students. If you are not yet on the Slack workspace, follow the link on the SOLS Grad Success website.

Grad Student Resource Center

There is a Grad Student Resource Center in LSA 187. To get into this room, get the door combination code and a copier code from the graduate office next door in LSA 181. The Grad Resource Center will be where you make photocopies and use grad computing resources. There is also a file drawer in the resource center into which grad students deposit copies of successful grant proposals (which can also be found on the SOLS Graduate Programs Canvas), and other items of interest. There are various office supplies in this area, and you can ask the graduate office for other supplies. Share your success— if you were fortunate enough to get a big fellowship, or a small research grant, please put a copy in the file folder so others can emulate you. Remember – This is a shared space and thus each person should clean up after themselves.

Additionally, there is a resource center for all graduate students that is run by the ASU-wide graduate student government (the Graduate and Professional Student Association, or GPSA) at the Graduate Student Center (GSC) on the Tempe Campus. It has free printing and water for graduate students to use and is located on the northwest side of campus near the College of Design. The other three ASU campuses also have GSCs but they are substantially smaller and less well-equipped.

Grants and Awards

Several funding opportunities are available within ASU for travel and research. Be sure to apply for these to minimize your expenses and maximize your CV. You can learn about all the current funding opportunities at ASU by going to the SOLS Graduate Program Canvas page (Go to Canvas> Organizations > SOLS Graduate Program > Funding information). Below is a brief description of each opportunity and a web-site to get more information.

- 1. **Graduate and Professional Student Association (GPSA) Research Grants**. The ASU-wide graduate student government, GPSA, offers a number of different research grants. These grants are competitive, and we recommend you reach out to the SoLS GPSA Assembly Member or the GPSA Vice President of Internal Affairs if you have any questions at all about how to write strong applications or if you have any other questions about GPSA's research grants.
 - a **GPSA Graduate Research Support Grant (GRSP)**:
 - i. **Amount:** up to \$2000
 - ii. **Type of research supported:** research for dissertation/thesis research **or** \$750 for a research project independent of your dissertation/thesis research:
 - iii. **This grant can only be won once per degree** (e.g. if you came to ASU as PhD student, you can only win it once. If you're an ASU MS student and you win it during your MS, and then you get into an ASU PhD program, you can win it one more time for your PhD dissertation once you start your PhD program).
 - iv. **Deadlines:** For 2022-2023, the deadlines are January 1, 2023 and March 1, 2023 (all funds must be used by May 15, 2023).
 - v. Advice from a former GPSA executive officer: you should apply to this grant for your thesis/dissertation research for the \$2000 instead of the \$750 independent research project. The Jumpstart grant (below) is for \$750 and is a much better grant to apply to for projects independent of your thesis/dissertation since you can win it multiple times. Also, the low frequency of deadlines is because this grant is funded by, and mostly run by, the Graduate College. GPSA has been pushing to increase the number of deadlines but don't count on them changing in the near future.
 - b. GPSA Jumpstart Research Grant:
 - i. Amount: Up to \$750 for research. Ideal for 'Jumpstarting' pilot studies to

- get data for larger grants.
- **ii. Type of research supported:** Any research **BUT** only once per set of aims (i.e. if you get funding once for one experiment, you won't win again if you submit the same grant for the same experiment).
- iii. This grant can be won multiple times per degree, BUT you can only win it once per semester (i.e. you can apply until you win it each semester).
- iv. **Deadlines:** 1st of the month each month.
- v. Advice from a former GPSA executive officer: Apply early and often. It's not at all uncommon for a well-written application to be rejected because of the sheer number of applicants. Ask for feedback on the application if you get rejected and then resubmit.

c. GPSA Athletics Research Grant Program:

- **i. Amount:** Up to \$3500 for dissertation/thesis research or up to \$1,500 for research independent of your dissertation/thesis research.
- **ii. Type of research supported:** Anything related to athletics or the issues they face.
- iii. This gran can only be won once per degree.
- iv. Deadline: February 1, 2023
- v. Advice from a former GPSA executive officer:
 - 1. 'Related to athletics' is a broad term feel free to reach out to the ASU Athletics Department if you want to double-check if your research proposal would be eligible. For example, say someone's research is on vaccines; the head physician for ASU Athletics has informed previous applicants that the Athletics Department they consider flu and herpes to be significant athletics-related issues. Just be sure to frame the application in terms of Athletics, as the grants are reviewed by both GPSA and ASU Athletics.
 - If your research has even a tiny biomedical application, apply to this grant. Seriously. Nobody applies to this grant - my year we got like 4 applications for the 9 grants we could give out, and this is the biggest grant GPSA can offer. Almost any biomedical research could be construed as being related to athletics.

d. GPSA Publication Grant Program:

- i. **Amount:** Up to \$900
- ii. **Type of research supported:** The following for articles submitted to Open Access or Delayed Open-Access journals: publication or page charges, color charges, charges associated with Open-Access, and Other Article Processing Charges (APC). **This grant does not cover submission charges.**
- iii. **This grant can be won multiple times per degree, BUT** only once per publication (i.e. only one graduate student can apply to this grant program for a given manuscript).
- iv. **Deadlines:** 1st of the month each month.
- v. Advice from a former GPSA executive officer:

- You should apply for this after you submit the manuscript but before the manuscript is accepted, as the grant program doesn't offer expedited review for applications that have already been accepted.
- 2. The grant also is generally not awarded for manuscripts submitted to journals on <u>Beall's List</u>, but you can contact the review team to explain why you're applying to the journal and why you believe the journal isn't 'predatory'.
- 3. This is a fairly recent grant program started by the 2020-2021 GPSA Assembly President/E-Board Secretary Brandon Favre and GPSA Director of Research/MCB PhD candidate Michelle Di Palma based on feedback from SoLS grad students. Help us keep this grant program active by applying to it and advertising it!

Note that these grants are highly competitive. It is also a good idea to volunteer to be a reviewer in a year you are not applying .

- 2. **RTI Graduate Research Support Program**: Eligible for one \$2,000 award per academic year to support SoLS graduate students for conducting research.
- 3. **Graduate and Professional Student Association Travel Fellowships** (applications due the 1 st of every month): up to \$950 per academic year for travel, lodging, and registration to a scientific conference, or attendance at a training course or workshop. See https://gpsa.asu.edu/funding/travel/.
- 5. **SOLS Travel Award Fund**: \$400, once a year funding for travel to scientific conferences IF you are presenting a poster and talk about your research. You can receive only one per year, and you MUST complete the SoLS Travel Grant application.
- 6. Other SOLS grants (FiLS grant for putting on your own conference, GIFT grants for workshop attendance): see
- 8. <u>Graduate College Research/Travel Grants</u> (applications due beginning of October, January, April, and July): up to \$500 for airfare to a scientific conference IF you are presenting a poster and/or talk about your research. You can receive only one per year and have matching funds from SOLS or GPSA or some other resources. Your application for these grants MUST go through SOLS first and MUST be accompanied by the SOLS application from number 4 above.
- 9. <u>Graduate College Fellowship</u> (applications due by March 1): A need-based scholarship where you can receive \$5000 for one semester or \$10000 for the academic year (\$5000 in fall and \$5000 in spring). Each department only gets a certain number of nominations for this, so talk to your advisor or department head to see if you are eligible! Applicants must fill out their FAFSA by February 15 to be considered.

10. Ask your fellow graduate students what they are applying for and be proactive.

SOLS graduate students are STRONGLY encouraged to apply for national graduate research fellowship competitions during their first year (and later, when applicable). Many application deadlines for pre-doctoral fellowships are in November, so start working on them soon!

- 1. <u>National Science Foundation Graduate Research Pre-doctoral Fellowships</u> (applications due early November): living stipend plus all tuition and fees, for three years:
- 2. NIH F31 Pre-doctoral Fellowships
- 3. <u>Howard Hughes Medical Institute Pre-doctoral Fellowships in Biological</u>
 <u>Sciences</u> (applications due mid-November): living stipend plus all tuition and fees, for five years.
- 4. <u>Ford Foundation Pre-doctoral Fellowships for Minorities</u> (applications due mid-November): living stipend plus all tuition and fees, for three years:
- 5. For help finding other external grants, see Graduate College website or GrantsNet

IF YOU GET A GRANT PLEASE PUT A COPY OF YOUR APPLICATION IN THE FILE DRAWER IN THE RESOURCE CENTER AND UPLOAD ON COPY ONTO CANVAS!!!

Finally, consider getting a nomination for some teaching awards at ASU such as the SOLS Teaching Associate of the Year (which includes a small cash prize), or the **Graduate and Professional Student Association Teaching Excellence Award**. Teaching awards highlight your success in another very important area of your education: how to become a good teacher.

The Gym

a.k.a SUN DEVIL FITNESS COMPLEX

For a healthy body, to go with your healthy mind, you'll find tennis, yoga, weight rooms, stationary bikes, stairmasters, elliptical machines, treadmills, swimming pool, basketball and racquetball courts, etc. at the <u>Sun Devil Fitness Complex</u>. There is also a great selection of fitness classes, such as aerobics, circuits, and spinning. You automatically pay for membership (fees are charged to all students' accounts), so you might use it! Note, however, that unless you are registered for classes during the summer you will need to pay a \$100 summer fee. Daily locker use is available -- bring your lock each

time you exercise. Semester-long rental lockers are also available for \$30.00 BUT inquire as early as possible since the demand for these lockers can be heavy (i.e. sold-out within hours of their initial availability). Recreation equipment (i.e. towels, racquetball and tennis rackets, camping gear, diving masks, and snorkels, etc.) is also available for CHEAP rental through the Fitness Complex. Note that group classes, such as yoga, will cost extra. In addition, pools at the Mona Plummer Aquatic Center (just north of University on College Ave.) are open daily for lap swimming. Call the Aquatic Center for pool hours at 965-4040.

Libraries

Many journals are available online from ASU computers (see **E-JOURNALS**), so you may be able to get most of what you need from the comfort of your desk. Once in a while, however, you *may* need to go to the library. ASU has several library branches, but two, in particular, are likely to be of interest to you. These are the Hayden Library and the Noble Science and Engineering Library. The <u>ASU libraries</u> are described on the webpage. In the event you find yourself needing additional assistance, feel free to email SoLS librarian Rene Tanner (rene.tanner@asu.edu)

Hayden Library: Hayden library is located on Cady Mall (it's underground – a good place to hang out in the summer) and contains materials in the humanities and social sciences, including some behavior and psychology journals. It also carries specialized collections including Government Documents (U.S. federal, Arizona state and local, and United Nations), Arizona Collection, Special Collections, and others. There are coin-operated typewriters, photocopy services, and study rooms.

Noble Science and Engineering Library: The Noble library is located on Tyler Mall. This library houses the collections in engineering, physical and life sciences, mathematics, nursing and health sciences, and geography. The Map Collection is also located here. Additionally, the library features an extensive collection of U.S. Patents, Copy Services, and group study rooms.

Renewing books: You can renew library books with a simple mouse click online or by phone. There is no limit on how many times you can do this, but you may at any time receive a RECALL notice for one or more of them, in which case you must return the book(s) or receive a fine. If there is a book that you need that is checked out, you might save a colleague the trouble of returning the book if you ask around among those who may have it (it maybe someone in your own lab!). Grad students commonly email the LSGRADS listsery to check if a fellow grad has a book checked out before recalling it from the library.

Interlibrary Loan: If you find a journal article or book chapter that you need, but an ASU library does not carry the journal or book, don't despair. The Interlibrary Loan system here is very good about finding those articles, acquiring a photocopy, and

usually delivering it right to your mailbox, almost always free of charge, and usually within 2-3 days. The forms for interlibrary loan requests are online, accessible via the library home page. In some cases, especially for book requests, ILL may take quite a while (weeks or months) so submit your requests early! *Note: if the copies come from ASU West there is a charge.*

Life Sciences Visualization Laboratory (LSVL)

The LSVL is part of the Life Sciences Visualization Group (aka "Vis Lab") and is managed by Jacob Sahertian. The LSVL is located in the E-wing (LSE B61) and offers a wide range of slide making, photographic, and graphic services. For details regarding the many services available through the LSVL check out their <u>website</u>. It is well worth the look!

Information is available on the LSVL web site includes processing schedules and anticipated turnaround times for slides, photographic prints, charts, graphs, illustrations, image scanning, poster presentations, and related media services. Also available on the LSVL web site are the names, locations, and contact numbers for support staff that specialize in: visual media material, computer, and photographic images, laser confocal microscopy, ratio/basic imaging microscopy. Information regarding the Silicon Graphics workstation that runs GCG (DNA sequence analysis package) is also available on this website.

The LSVL is open to all persons who do research in SOLS. The primary function of the lab is to facilitate the production of visual materials used in manuscripts, grants, poster presentations and slides for professional talks. Researchers are welcome to submit projects to the staff, but under no circumstances is the lab open for self-help.

Mail

Outgoing mail can be dropped off in LSE 218. Briefly, SOLS will cover the expense of letters sent to colleagues and mail for other professional activities if a departmental envelope (available in the office) is used, and your name is included in the return address. DO NOT PUT A STAMP ON A SOLS ENVELOPE IF YOU WILL BE MAILING IT FROM SOLS. SOLS will also pick up the tab for overnight sending of grant proposals, but other uses are chargeable to you or your advisor's grant. Forms for UPS and FED-EX mail can be obtained from Miguel Carrillo Dominguez in LSE 229W. Always use the 9-numeral zip code (85287-4601) when giving out your address. Reusable brown envelopes are available in the offices for intra-campus mail; use the proper four-digit campus code (listed in the campus telephone directory). If you want to do a mass mailing, ask in the office for the proper protocols (believe me, it can be complicated). For personal mailing, post office mailboxes are located around campus and are collected once a day.

The closest Post Office branch is on the corner of Mill Ave. and 5th, a ten-minute walk from the Life Sciences Complex.

Office Supplies

Office supplies, including copier paper, should be available in LSE 222, ask for what you need.

Phone Calls and Fax

There are telephones that you can use located in LSA 181. Most on-campus numbers begin with 965-xxxx or 727-xxxx and from a campus phone, you can simply dial 5 or 7 (depending on the prefix) and the four-digit extension. To get an off-campus line, simply dial 9 and then the number.

You may use one of the phones in LSA 181 for research-related long-distance calls or sending a fax if you don't have access to one through your advisor, but be sure to leave a note as to the number called and the date for the person whose phone you are using. The Graduate office (965-1768) can take messages for you (they'll be put in the mail basket to be delivered with the next day's mail, unless it's an urgent message in which case they'll sometimes tape it to your office door or at least put it into your mailbox right away).

Phoenix metro area codes: The Phoenix metro area is split into three area codes: Phoenix proper is 602; the East Valley (including Tempe and ASU, Mesa, Scottsdale, etc.) is area code 480; and the western/northern suburbs of Phoenix (Peoria, Sun City, Glendale) are 623. Within your local calling area you can use the prefix (e.g., 480-965-5555) or not (965-5555). However, when calling between area codes, you must use the prefix (e.g., calling from a 480 number to a 602 number). Do not dial a "1" or a "0" before the ten-digit local number; this will prevent the call from being completed.

You may also use the fax machine in LSA 181 to send and receive faxes. The fax number is 480-965-7599.

Photocopies

The copy center at the ASU libraries charges 10 cents per single copy if you pay directly with cash. If you purchase a copy card (for 50 cents) or use your SunCard the cost is reduced to 8 cents per copy. SOLS has an account with the copy center at the ASU libraries, and in special cases, you can charge your copying to SOLS. Pick up a library copy center form in LSA 181. Please use this privilege sparingly, as we are sure to lose this if use is excessive.

There is a copy machine in LSA 187 that is for graduate student use, limited to research-related items. Graduate students also have their own copier codes for research-related items (ask the Grad Office for your code). When using the free copy service, keep in mind that this service is *revocable*, and grad students as a whole may lose some copy privileges if we drive SOLS to the poor house making copies. You can also send pdfs and faxes using this machine! Do NOT print undergraduate teaching-related materials in LSA 187! There is a special copy machine for that purpose in LSC 426 (see below).

Use the copy machines in LSE L2-62 for undergraduate teaching-related items ONLY (TA stuff). The door code is 0221181*

Reading Groups

Journal articles are reviewed and discussed in several different reading groups within SOLS. Look for announcements from the representatives on the LSGRADS listserv regarding the club logistics and the Canvas website for the papers. Some journal club meetings are held on campus, and others are held in the afternoons in off-campus bars. Far more than mere drinking clubs, these reading groups engender lively and interesting professional (and a bit of non-academic) discussions amongst peers and faculty. They are all very informal and a great way to meet other students in your field. Find a journal club or reading group that captures your interest and start participating; it's definitely worth fitting something like this into your regular weekly schedule.

Animal Behavior: Contact Janie Reavis at jreavis3@asu.edu

Endangered Species Policy: Contact Olivia Davis at ondavis1@asu.edu

Neuroscience Journal Club: Contact Paul Coleman at Paul.Coleman@asu.edu in the Spring and Shwetal Mehta in the Fall (mshwetal@asu.edu). Can be taken for 1 credit.

Spring NJC is held at Barrow Neurological Institute.

Virology Journal Club: Contact Ian Hogue (Spring) (<u>ihogue@asu.edu</u>) and Yizie (Henry) Li (Fall) (<u>Yize.Li.2@asu.edu</u>). Can also be taken for 1 credit.

• Description: Students will read, discuss, and present primary research papers about viruses, virology, and related topics (e.g. immunology). Students are also encouraged to present research-in-progress talks, practice for comps or dissertation defenses, or practice talks before presenting at national meetings. Students are welcome to join and participate, even if they are not registered for credit.

Viroholics: Contact Ian Hogue (<u>ihogue@asu.edu</u>), Grant McFadden (<u>grantmcf@asu.edu</u>), or Erika Arch (<u>earch@asu.edu</u>)

Description: A variety of internal and external speakers on virology and related

topics. Students are welcome to join and participate, even if they are not registered for credit.

Residency Classification

FOR THOSE WHO HAVE ARRIVED FROM ANOTHER STATE: although you are given in-state tuition rates as a TA or RA, you should try to obtain Arizona residency as soon as possible (you may have to pay taxes on waived out-of-state tuition and an RA will cost your advisor more for their share of your tuition remission and health insurance coverage). You must "officially" apply for residency; it does not happen automatically. In brief, you will need to prove that you have lived in the state for at least one year (including summer) and that you have been self-supporting financially for at least 2 years (this means you must also not be covered by parents' car insurance or health insurance). As soon as you can, obtain an Arizona driver's license, register your vehicle (which will require an AZ driver's license and proof of Arizona car insurance), and register to vote (can be done when obtaining an AZ driver's license). SAVE all your pay stubs and final grade reports. If possible, keep some record of your rent payments (e.g., canceled rent checks) or copies of utility bills with your name and address on them; such documents proving that you lived in Arizona during the summer are crucial. Obtain copies of your tax returns and W-2 forms from the previous year. If you are under 25, you will probably need a copy of your parents' tax returns showing that you were not claimed as a dependent. Documents explaining the classification process may be obtained from the residency classification office, located on the first floor of the Student Services Building. It is at this office that you will apply for residency classification. More information: http://students.asu.edu/residency.

Safety Training

Attending mandatory safety training is required. The requirements vary according to your lab responsibilities, so make sure you're covered. At a minimum, you should be attending fire safety training this fall. Other training includes laser safety, lab safety, hazardous waste management, radiation safety, hazardous materials in transportation. Until then, figure out what the exit plan is for your lab, and be proactive about protecting your health and safety. Environmental Health & Safety offers most of these classes. You need to contact the Learning & Performance Solutions Group, Office of Human Resources to reserve a space in one of their classes. As a general rule, it is probably worth it to show up if you are on the waitlist, as people often forget to go. Their phone number is 480-965-4751. You can also register for <u>safety courses online</u>.

You can also sign up for text alerts from ASU to keep you informed about building closures, fires, and other emergencies that might interrupt your day or change your

decision to come in. Sign up here.

Science Outreach

Interested in communicating with non-scientists and the general public about science? The School of Life Sciences has a number of opportunities for getting involved in community outreach. One that is geared specifically for SOLS grads is a grad-student-run program called <u>Graduate Partners in Science Education</u>. In this program, each pair of grad students works with economically disadvantaged middle school students at a Phoenix-area school one afternoon a week during the spring semester. Grad mentors work in small groups with students to help them design, implement and report a science project of their own choosing. The program requires you take a one hour a week class in the fall prior to teaching; however, you need only take the class once and it is taught every fall. Explore their website or contact for more info.

Another option to get involved in education and outreach is **Roots & Shoots**, an organization originally started by Jane Goodall with chapters all over the country, including ASU! This group focuses on K-12 outreach and education on Ecology, Conservation, and Sustainability. So far, we have collaborations with the **Arizona Science Center** and **Desert Botanical Garden**, but are looking to expand Contact Caitlin Hawley (caitlinrosehawley@gmail.com) for more information and how to join!

Also, check out the 'Ask a Biologist' website. If you have an interest in scientific journalism, or if you've always wanted to respond to the scientific curiosity of K-12 students, you may be able to gain some of this experience by getting involved with the Ask a Biologist website. Explore the site and contact Karla Moeller with any inquiries that you might have. Sign up to be a volunteer specialist and answer the STEM-related questions of both children and the public as a whole at http://askabiologist.asu.edu/contact/volunteer! More volunteers are always needed, especially when questions become more technical in nature!

The <u>Southwest Center for Education and the Natural Environment</u>, associated with the Global Institute of Sustainability, runs an outreach program where exceptional high school students from the Phoenix area perform research projects in labs at ASU. If you are interested in becoming a mentor for this program, contact Kathryn Kyle (kkyle@asu.edu).

The Office of Research Publications produces <u>CHAIN REACTION</u>, an annual ASU magazine that features topics in science and research, which may provide an opportunity for you to try your hand at scientific journalism.

Lisa Herrmann (lisa.herrmann@asu.edu) is the education liaison for the CAP-LTER and runs the Ecology Explorers program. She would be a good person to talk with about

educational outreach and the like. And lastly, there are numerous elementary schools that love to have grads come to give talks, science fairs that need judges, and a couple of high school student mentoring programs.

If you want exposure to other science fields and have an opportunity to share your research with the public, check out <u>Science On Tap</u>. Every second Thursday of the month at Boulders on Broadway you can sit back, enjoy a pint, and laugh while you learn!

Summer Support

In general, you can get summer support one of four ways:

- 1) TA-ing summer school
- 2) an RA from your advisor
- 3) an outside fellowship
- 4) a SOLS university fellowship award.

Many students will have a combination of the above sources to fund any given summer. While there are TA positions available in each of the two 5-week summer sessions, the actual number of TA positions depends on the courses and number of lab sections being taught each year. Be sure to proactively seek out summer TAs and other forms of funding in case you are not awarded a summer TA position. Also, make sure that you meet all of your annual progress requirements if you want to be eligible for summer funding!

Sustainable Living in Tempe

ASU is a world leader in sustainability. Many of us conduct research and take classes towards this common goal. We've compiled resources on ways to incorporate some of these practices into your lives – as researchers, as students, and as citizens.

Please recycle! There are blue recycling bins on campus for plastic, aluminum and paper. Most labs have a recycling bin which will take all recyclables except for large cardboard boxes. Please take cardboard boxes down to the bins in front of the LSC or LSE elevator on the basement floor.

The City of Tempe and the City of Mesa both have residential recycling programs. This permits one to recycle glass bottles, some plastics, and other materials that can't be recycled on campus. If you live in an apartment, there are a few other collection sites such as the Tempe Library (Rural and Southern). The <u>City of Tempe</u> also holds a weekly household hazardous waste collection at 1320 E. University from 7-12 on Friday and 7-1 on Saturday. You may also be able to obtain a free compost bin from the city of Tempe (and several other cities) by calling in your request.

Recycling on campus: ASU's waste goes to Phoenix's recycling facility. They accept glass, aluminum, cardboard, mixed papers, and plastics (#1,2,5). Check out Phoenix's recycling page and recycling list. ASU's blue bag program allows you to recycle products not accepted in a standard recycling bin, including batteries, chip bags, food wrappers, coffee pods, pens, small eWaste, printer cartridges, and more. If your office or lab does not already have a blue bag, you can request one at the link provided.

Recycling at home: If you live in Tempe, they accept glass, aluminum, cardboard, mixed papers, and plastics (#1,2,5) in their co-mingled recycling bins. Additionally, Tempe hosts two zero waste days a year, where you can get rid hard to recycle products like Styrofoam, bags, building materials, and more.

Reusable Plates: The SOLS Sustainability committee won a grant for reusable plates and utensils that the graduate students can use! They will be kept in the Grad Resource Room. As a reminder, we usually ask students to bring their own utensils and plates to brown bag to avoid plastic and paper waste!

Composting: There are a few options for those interested in composting. You can call the city of Tempe to receive a free compost bin to start your own compost at home. Alternatively, you can compost with Recycled City. They pick up compost from your door (including dairy and meat) for \$10 to \$30 a month—depending on your subscription. You can also pick up compost from the city of Tempe for free.

Local produce: Borderlands Produce Rescue rescues food that will be thrown out by distribution centers. They distribute produce on Saturdays at different locations in the Phoenix metro area, where you can receive up to 70lbs of produce for just \$12. You can also check out the CSA's in Tempe.

Vegetarian/vegan options: We are working to increase the availability of vegetarian and vegan options at SoLS events. If you regularly attend a SoLS event (e.g. weekly seminars), where these options are unavailable, reach out to the E-board sustainability chair for assistance in advocating for these options.

Green lab certification: Make sure your lab is green certified! If it is not, reach out to the SoLS E-board sustainability chair and they will help you get the process started.

Public Transportation: The Orbit bus system in Tempe provides free public transit in the Tempe area. Additionally, Tempe is serviced by the Valley Metro System, which offers student fares. If you are traveling between ASU campuses (or even near another ASU campus) you can also use the ASU Intercampus shuttle system, which provides regularly scheduled free bus service between ASU campuses. See the Transportation section for more information.

Biking in Phoenix: Tempe is a Gold-Level Bicycle Friendly Community as designated by the League of American Bicyclists and has one of the highest rates of bicycle commuting in the country. See sections on biking for more information.

Utilities: Besides being more energy-efficient, reducing your utility bills is always a plus on a graduate stipend. Enroll in Tempe's WaterSmart program to help you improve your water usage. The two electricity providers for Tempe, APS, and SRP, both offer resources on how to reduce electricity usage. Check their individual websites for more resources!

Taxes

You must pay Federal and Arizona State taxes on your Graduate Assistant income. You will get a W-2 form from ASU. But fellowship amounts used for educational expenses are usually non-taxable, so keep receipts should you be in this enviable position. See the IRS website for more information and links to relevant tax guides. Also, an organization on campus (V.I.T.A.) offers FREE tax help during the spring months before taxes are due. Mostly international students use this service but it is open to all. See the international student office web site for announcements regarding VITA. Another online option is the H&R block-collaborative, MyFreeTaxes, for both state and federal taxes.

Travel Authorization

You should see the travel specialist in the business office (LSE 222) before you leave campus for professional meetings or fieldwork. For trips where you will not receive financial compensation, fill out the Travel Authorization for Insurance Purposes Only form. This has to do with work-related compensation benefits should something happen to you while "representing the university". If you will receive financial support for your trip, fill out the appropriate normal Travel Authorization/Claim form.

If your advisor will reimburse you for expenses involved in travel, indicate the account number from which you will be reimbursed (Area/Org) and estimate how much you will be spending on the Travel Authorization/Claim Form. While traveling, make sure to keep all receipts and something that proves you were doing research-related things (e.g. conference announcement). When you return, bring all receipts to the Business Office (LSE 222) and fill out the travel claim part of the Travel Authorization/Claim Form, indicating how much you wish to be reimbursed for. If you need money ahead of time, you can get a Travel Advance (i.e., a check!) using the Travel Authorization/Claim Form as well. Just make sure you bring the receipts in later, otherwise, the money you spent will be taken out of your paycheck.

However, SOLS has transitioned to a new online travel system called "My ASU TRIP"

for all ASU faculty, staff, graduate students as well as Sun Devil Athletics. All travel requests should be submitted through My ASU TRIP. Because of the university-wide implementation of this new system, there is a wide series of instructional documents and video walkthroughs of the most common tasks on the new system, which will continue to be updated with more training content as it is created.

Vehicle Registration and Driver's Licenses

Within six months of arrival in Arizona you must register your vehicle with the State of Arizona. Realistically, you can get away without changing it until your old registration expires. Visit the AZ Motor Vehicle Division website. These are the general steps:

Stage 1: **Have your vehicle emissions tested at any testing site** (closest to campus: 1951 W 1st Avenue, Mesa; M-F 8-7, Sat 8-5). If your car is five years old or older then registration requires a form stating the vehicle has passed the emissions test. If the vehicle fails the emissions test, you may have a mechanic make the necessary adjustments and return for a free re-test. The initial test costs about \$25 (1981 models & newer = \$27.75 and all others = \$19). Credit/debit cards are accepted; however, out-of-state checks or third party checks will NOT be accepted. For questions regarding emissions, call ADOT at (602) 255-0072.

Stage 2: Take the emissions test certificate, current registration, and title, PROOF OF ARIZONA AUTO INSURANCE (you need either an Arizona insurance policy, or your out of state policy must cover you in Arizona), a screwdriver (see stage 3), and a picture ID (you can't do anything in this state without a picture ID!) and the vehicle to the registration site (1703 Larkspur Lane, off Hayden/McClintock Road). At the registration site, you will be given the necessary paperwork and the vehicle will be inspected to verify that the ID number on your vehicle matches the title/registration. If the title shows a lienholder, you will need to have a note from them saying that the car is paid off or what's remaining to be paid. Make sure the note referring to the lien is official, or you will be making another trip.

Stage 3: Remove your old plates from the vehicle (hence, the screwdriver!) and take them plus the paperwork to the "New Registration" window. After you pay the registration fee (\$12 + about 2% of the blue book value of the vehicle) you will receive your new plate and current year stickers.

Renewal forms will be sent to your home address before your Arizona registration expires. Each annual renewal requires an emissions test, but the rest can be done by mail. For some cars, depending on year, emissions tests are every other year now.

Driver's License: You can get an Arizona Driver's License at 1703 Larkspur Lane, off Hayden Road. Exchanging licenses usually does not require a behind-the-wheel test, only an eye exam. You should be issued your permanent license the same day (which

won't expire until you're about 65 years old!). The cost is about \$25. Inquire at the Driver's License Office for details and cost information. New licenses may fade, but they will replace them for free. *Note: This is also a good time and place to register as an Arizona voter!*

SUGGESTION: Begin early; everything opens at 8 AM. Lines are shortest mid-week (and mid-month for emissions testing). Avoid the end of the month.

Starting May 7, 2025 Arizona driver's licenses and ID cards will no longer be acceptable for travel through airports. If you believe you'll be flying within your time as a grad student (which you almost definitely will), look into getting one of the REAL-ID driver's licenses (AKA an <u>Arizona Voluntary Travel ID</u>):

CHAPTER 6: Food, Entertainment, etc.

At School

If you're looking for food on campus, there are many fast-food options in the Memorial Union . There is a coffee, soda and sandwich shop at the Hayden Library, there is also another by the picnic area near the math building as well as in other areas around campus. E ² is a great little organic wrap/sandwich/salad spot located on Orange Mall toward the west side of campus. Engrained is our sustainable cafe located upstairs in the Memorial Union, it features locally grown food fare. If you'd like to quickly heat something up, there is a microwave in LSA 187. Please help us keep this room in order by cleaning up each time you use the microwave, the table, etc. The janitorial service only covers emptying trash and recycling cans. Please be courteous by cleaning up after yourself and others.

Restaurants

Near Campus

If you find that you cannot survive on beer alone, here is a list of some good local restaurants and cafes:

- <u>Buffalo Wild Wings</u> Giant sports bar with great wings and other bar food, corner of Rural and University.
- Café Boa -- good Italian food on Mill & 4 th St. (north-west of campus)... a little pricy.
- Café Lalibela (University and Hardy) -- excellent Ethiopian food!
- Cheba Hut Sandwich place on University Dr. and Hardy Dr.
- <u>Chuckbox</u> One of Tempe's oldest and iconic restaurants an awesome and iconic burger place north of campus. It just celebrated its 50th anniversary and getting a burger from them is basically a Sun Devil rite of passage (also, don't skip the onion rings, and they make the ranch in-house). It's cash-only, but they also have an ATM if you need one.
- Cornish Pasty Co. Kind of like an empanada but from the UK. They have a great selection of vegetarian options and good beer selection as well. Northeast corner of Hardy and University.
- Daily Jam Chic little breakfast/sandwich spot on the northside of Mill Ave.
- <u>The Dhaba</u> a fan-friggin-tastic Indian place on Apache in between Rural and McClintock.
- <u>Delhi Palace</u> A very good Indian restaurant with a great lunch buffet (southeast corner of University and Rural).
- <u>El Pollo Supremo</u>- amazing mesquite barbecue chicken and tri-tip beef (and that's it) (cash only) on Ash and University
- El Tlacoyo Authentic, unique Mexican food Madeline Buhman
- Four Peaks Brewing Company One of Arizona's first craft breweries and certainly the biggest. Included on this list because it has some of the best food in Tempe (their nachos, poutine, and salmon BLT are hits, but their fries, particularly if you get them secret-menu 'Peaks style', are the star of the show).
- Golden Restaurant and Bakery- Mediterranean restaurant on Scottsdale (Rural) and

- McKellips; just across Tempe Town Lake.
- <u>Hangover Hoagies</u> great sub shop hidden inside of a liquor store on Terrace and Apache. The Third DUI is a fan favorite sandwich.
- Harlow's Café A diner on University W of Hardy. Great Peaches 'N' Cream muffins!
- <u>Haji Baba's</u> Very cheap but very delicious Mediterranean food Apache W of McClintock. Their chicken shawarma and gyro sandwiches have sustained many graduate students for decades - it's a Tempe institution at this point.
- Khai Hoan A cheap but excellent Vietnamese (Apache W of McClintock).
- <u>Oregano's</u> Everyone's favorite Italian, kitschy atmosphere, long lines (esp. weekend nights), south side of University, a little further west of Mill Ave and the railroad.
- P.F. Chang's (Mill and University), Asian fusion
- <u>Pita Jungle</u> Mediterranean cuisine with great vegetarian options (Apache, past Rural. east of campus; Also corner of University and Mill)
- <u>Phoenicia Cafe</u> Good middle-eastern food, north of campus. Haji Baba is also great, on Apache between Rural and McClintock.
- Port of Subs On College Ave. just north of University Dr.
- Postino Wine bar with great bruschetta and outdoor seating. \$25 Bruschetta board and bottle of wine deal Monday and Tuesday nights after 8PM, \$6 glasses of wine and \$5 for a pitcher of beer before 5 PM every day.
- <u>Maskadores Taco Shop</u>- Good Mexican place with awesome wet burritos and street tacos. (818 W Broadway Road, Tempe AZ 85282)
- <u>Native Bar and Grill</u> fun fact, the 'Native New Yorker' chain was founded in Arizona and one of its first locations (if not the first) is not far from campus. It's also only one still owned by the original founders and it's better than the others (1301 E Broadway Rd, Tempe, AZ 85282)
- Mellow Mushroom Solid pizza on Mill Ave
- MyPie Fast, casual custom pizza place on College Ave.
- Ramen Dozo- Fantastic ramen and sushi on McClintock and Southern. More vegetarian options than most other ramen joints. Get the tonkotsu!
- Rosita's Sit-down Mexican (good, not too expensive) at Hardy and University (North Side of University).
- Sack's Great sandwich place (southeast corner of Mill and University)
- <u>Shady Park</u> pizza and ramen with nice outdoor seating (and 1 cent pitchers of beer during happy hour with any pie). (University, just east of Mill)
- <u>Snooze AM</u> great brunch place on College; go early or be prepared to wait (caveat: waiting includes free coffee).
- <u>Tasty Thai</u>- Broadway. Delicious pad thai!
- <u>Thai Basil</u> A great Thai place just west of campus (southwest corner of S. Farmer and University)
- <u>Thai Elephant</u>- Located on University, One of the best Thai restaurants in the area. The owners are super friendly and you can't go wrong with their curries!
- <u>Venezia's</u> Pizzeria on Southern Ave. and Mill Ave. One of the best reverse happy hours in Tempe, solid slice combo deals.

Around Town

Sometimes you need to get away from campus for a little more variety. These restaurants are worth the trip.

- All Pierogi 101-103, 1245 W Baseline Rd, Mesa, AZ 85202 delicious Ukrainian pierogi/varenyky, borscht, chicken kiev, and plenty of frozen Ukrainian/Eastern European foods to go.
- Amici's Pizza 2023 W Guadalupe Rd, Mesa, AZ 85202 Third-generation New York pizza place. The original owner was from Brooklyn, who then sold it to someone from Queens, who then two decades later sold it to someone from Brooklyn. It's delicious, and they use the same tomatoes and flour they use in NYC.
- <u>Artichoke Basile's Pizza</u> A pizza chain imported from New York City. People love the artichoke, crab, and pepperoni slices here. 1120 E Baseline Rd, Tempe, Arizona 85283
- <u>Binkley's</u> Ok, let's say you just finished your PhD and you won the lottery or something and you need a place to spend a ludicrous amount of money on dinner. This is the place to go. It's super pricey (~\$315 a person) but it's probably the nicest, fanciest food in the state. Biodesign directors, ASU Executives, billionaires, etc. dine here regularly. Kudos to you if you have an occasion and the means that would justify going to this place.
- <u>B.J.'s</u> (Chandler Fashion Square) happy hour 4-7 and 10-close, with pizzas, microbrews, that they make on-premise and a great pizza cookie
- Buca di Beppo –(Ray and Priest) family Italian meals, also featuring full meals for two.
- <u>Cibo</u> Awesome woodfired pizzas in a sweet bungalow in downtown Phoenix Breakfast too!) (603 N 5th Ave Phoenix). Excellent date spot, reservations highly recommended.
- Crazi's Hot Chicken This is a ghost kitchen, so you'll need to order via delivery or go pick it up at the Tempe Food Court (7127 E Shea Blvd., Scottsdale, AZ 85254). These folks don't mess around with heat their 'medium' is basically 'superhot', and the Secretary who wrote this eats spicy food all the time. If you get their hottest level, don't say I didn't warn you. Their hot chicken is some of the most flavorful, juicy, and well-spiced hot chicken this far away from Nashville most find their 'Kinda Crazi' to be the perfect level of spice. They're also won "best hot chicken" in Phoenix in the Phoenix New Times 'Best of Phoenix' competition.
- <u>Dick's Hideaway</u> A New Mexican cuisine restaurant (6008 N 16th Street Phoenix, AZ 85016)
- <u>Durants</u> A very old, traditional fine dining steakhouse in central Phoenix (2611 N Central Ave., Phoenix)
- Fez A Moroccan 'fusion' restaurant that turns into a bar at night. They also have a great brunch menu too (Central Ave, between Indian School Rd and Osborn Rd).
- <u>Forefathers</u> –Best cheesesteaks outside of Philadelphia (8707 S Priest Dr, Tempe, AZ, 85284)
- Gelato Spot Scottsdale & 3rd, gelato & coffee, their gelato is just perfect.
- <u>Green New American Vegetarian Cuisine</u> -- great vegan food at a reasonable price, on Scottsdale Rd, a couple of miles north of campus, on the left side.
- Gus' World Famous Fried Chicken 212 W Main St Mesa, AZ 85201 National fried chicken chain from Tennessee known for extremely juicy, crispy fried chicken.
- Earth Plant-Based Cuisine in the northern part of Downtown Phoenix
- <u>Hangar Café</u>- Something of an East Valley secret, it's a breakfast diner that's on the runway of the fully operational yet small Chandler Municipal airport. Get the Hangar Works and you won't be disappointed as you watch the planes take off.
- H-Mart Food Court (check out the back left side especially)
- Houstons A fine dining restaurant (two locations; 2425 East Camelback Rd., Phoenix, & 6113 N Scottsdale Rd., Scottsdale).
- Kona Grill (Scottsdale Fashion Square and Chandler Fashion Square) another fun

- place for young grad students/professionals for sushi and other great appetizers at half price from 4-7 and reverse, 10-close. Pricey.
- <u>Little India</u> 1813 E Baseline Rd #108, Tempe, AZ 85283 (Baseline and McClintock) best samosas in the Phoenix metro area, excellent north Indian street food (AKA 'chaat'). Highly recommend the chole bhature combo with some lassi to drink. Bonus of being vegetarian.
- <u>Little Miss BBQ</u> 4301 E University Dr, Phoenix, AZ 85034 This BBQ has been named
 the best in the country by BBQ outlets in essentially all of the main BBQ capitals of the
 USA. They've gone to BBQ competitions and handily beaten Texas at their own brisket
 game (one of the co-founders is from Texas). If you've got a hankering for BBQ, this is
 unequivocally the best in the state. Also, try their smoked pecan pies-they're delicious!
- <u>Lolo's Chicken and Waffles</u> (Several locations in Phoenix, Scottsdale, and Gilbert) Phoenix's fried chicken and waffles chain. Pretty solid and scratches the itch for chicken
 and waffles. Started by the grandson of the actual chicken G.O.A.T., Mrs. White (see her
 restaurant down the list).
- <u>Los Dos Molinos</u> (Alma School & Main, Mesa or S. Mtn and Central Ave in Phoenix the South Phoenix location is the original and best) great New Mexican food. It's famously quite spicy & the margaritas come in fishbowls!
- Mariscos Sinaloa (3135 S 48th St # 110 Tempe) Mariscos Sinaloa is awesome. Their fish tacos and breaded shrimp tacos are amazing (\$2.50 each)! They also have this wonderful orange-colored, creamy chipotle-like sauce that is served in a squeeze bottle and is a must for the top of the tacos! They also serve each beer with a frosted, salted mug...classy. And, they serve margaritas (ok), and shots which look amazing. Somewhat pricey outside of the tacos, but you're getting seafood in the desert and it sort of comes with the territory.
- <u>Matt's Big Breakfast</u> Great breakfast and lunch place in Phoenix (801 North 1st St., Phoenix). Has won best of Phoenix several times, and has been featured in national food publications.
- Mekong Market 66 S Dobson Rd, Mesa, AZ 85202 the anchor of the Mesa Asian
 District, Mekong Market has tons of Asian food options ranging from Vietnamese to
 several different regional Chinese styles, but the main draw is the Dim Sum the Mekong
 Palace serves up daily. On weekends they'll have people pushing carts around the
 restaurant serving up dim sum in the traditional style.
- Miracle Mile Deli 1949 E. Camelback Rd., Ste. 160 in Phoenix (602) 776-0992. Big, delicious deli-style sandwiches. People are a fan of their pastrami.
- Mrs. White's Golden Rule Cafe 808 E Jefferson St, Phoenix, AZ 85034. One of Phoenix's first, best, and oldest black-owned businesses, Mrs. White's serves up some of the juiciest, tastiest fried chicken this side of the Mississippi.
- Myke's Pizza 31 S Robson #103, Mesa, AZ 85210. Pizzeria located inside of Cider Corps in Mesa, it has won best pizza in the Phoenix metro area a couple of times with its specialty pies. The Potato bacon pizza and their hot honey/salami pies are excellent on their own, and they're even better when paired with Cider Corps' hard cider. They also have a giant chocolate chip cookie as a dessert.
- <u>Philly's Famous</u> Rival of Forefathers, also a candidate for best cheesesteaks outside of Philadelphia. Try both and see which one you like more (1250 N Alma School Rd Chandler, AZ 85224)
- <u>Pizzeria Bianco</u> "The best pizza in America" ...that's per USA Today and it's also why this is a place for patient people who love fresh ingredients and delicious culinary genius

- (623 E Adams St, Phoenix). It's also been named one of the top 10 pizzas in the world by some folks who know about pizza in Naples, Italy.
- Rito's Mexican Food three locations in Phoenix, they won best green chile burrito in Phoenix several years in a row. It's recommended to get the green chile burrito 'enchilada style' it levels the whole experience up, plus the tortilla will fall apart anyways so you might as well cover the entire thing in red or green chile!
- <u>Ta'Carbon</u> So you moved to Arizona and you heard we have excellent Mexican food.
 This is the kind of place that gave us that reputation. It's got the best, most authentic
 carne asada and al pastor in the Valley. It's on the west side (2929 N 43th ave
 Phoenix,AZ 85019), but it's as authentic as it gets.
- <u>Tratto</u> -Bianco's Italian restaurant in Arcadia. Menu changes regularly; an excellent place for special occasions and dates. The New York Times named it as one of the top restaurants in the country.
- <u>The Stand</u>- Absurdly good burgers, fries, and shakes on 36 th street and Indian School. The Dulce de Leche shake is the stuff dreams are made of.
- <u>US Egg</u> A popular Brunch, but long lines (S side of Baseline, E of Mill)
- Wildflower Bread Co. (SW corner of McClintock and Guadalupe) Great sandwiches, soups, pasta; fresh loaves of bread and desserts: Opens into Changing Hands, a great independent book store.
- Wong's Place a good authentic Chinese place (Baseline and McClintock)
- <u>Spinato's Pizza</u> Popular pizzeria close to Tempe Marketplace (227 S Smith Rd., Tempe).
- <u>Tapas Papa Frita</u> Fantastic Spanish wine bar, lots of tasty tapas and a darn fine sangria (\$\$\$)

Breweries and Bars (AKA Age-Appropriate Drinks)

Near Campus

- Adventurous Stills 2125 E 5th St #102, Tempe, AZ 85281 One of two distilleries in Tempe. They specialize in whiskeys and bourbons, but are known for being 'adventurous' in their approach to distillation. The owner is also a huge nerd and has been looking for ASU collaborators to bring science to whiskey. Happy hour from 4-6 PM on Fridays. Also randomly makes one of the highest-rated absinthes in the country.
- Arizona Distilling Company 601 W University Dr, Tempe, AZ 85281 The other of the
 two distilleries in Tempe. Not all spirits are distilled there, but everything is finished/aged
 there. Their gin and durum wheat whiskey have won a ton of awards and their cocktails
 are solid.
- <u>Casey Moore's</u> A great local pub/oyster house with poor service but plenty of outdoor seating. Haunted. Also very popular among SoLS and Chemistry grad students.
- <u>Cornish Pasty Co.</u> Great food and excellent beers. \$3 Irish car bombs all the time.
 Seating indoors and outdoors.
- <u>Fat Tuesday's</u> A "New Orleans" bar on Mill with only sweet slushy drinks, and lots of them. Teachers College graduate students frequent this spot before classes.
- Four Peaks Brewing Company A local brewery with very good beer and food. Their Kilt Lifter is a solid craft bet at any other bar you might find yourself at in Arizona.
- <u>C.A.S.A.</u> Party spot on Mill that serves cocktails in buckets. One of the most popular bars on Mill Ave, expect to see tons of undergrads here on Friday and Saturday nights.

- Handle Bar Bicycle-themed bar on Mill Ave with micro-brews on tap.
- Low Key Piano Bar A piano bar on Mill...lots of fun to watch and sing along.
- Monkey Pants Their advertisements (and the name) make this place look like it would be crawling with undergrads, but that is misleading. You can play table shuffleboard or BuckHunter, and eat cheaply.
- Palo Verde Lounge An awesomely eclectic dive bar that serves PBR and has an old-school jukebox.
- <u>Pedal Haus Brewery</u> Brewery on Mill Avenue that specializes in Belgian styles of beer but has a decent breadth of other styles. Decent food.
- <u>Taste of Tops</u> A small bar with an awesome selection of beers both on tap and bottled. This place allows bringing take-out food and it's next to the liquor store with the same name and broad beer selection.
- The Shop Beer Co. 922 W 1st St, Tempe, AZ 85281 Won best of Phoenix by local news outlets. Extremely chill brewery. Their Church Music hazy IPA can be found in most bars across the state, but the brewery has a much wider variety of beers. Trivia on Monday, live lo-fi on Wednesdays, and food trucks basically every day (check their instagram for which food trucks will be there when).
- <u>The Hudson Eatery & Bar</u> : 1601 E Apache Blvd, Tempe, AZ 85281 huge selection of whiskeys plus a good number of taps. Solid burgers and carne asada fries.
- Yucca Tap Room recently, this bar added...Taps! Also a good table shuffleboard place
 and live band karaoke one day a week. Over 30 craft beers on tap that rotate roughly
 once a month. Tons of live rock music every week.

Around Town

- <u>Bitter & Twisted</u>- A Downtown Phoenix mainstay; has been rated one of the best cocktail bars in the country. They also have legendary ramen burgers. Easily accessible via light rail from Tempe if you're looking to shake things up.
- <u>Cider Corps</u> 31 S Robson #103, Mesa, AZ 85210 makers of some of the best cider in the USA (ranked 5th place in the USA among all cideries) and the world (their Mango Foxtrot cider is rated #5 in the world on Untappd), this veteran-owned cider brewery in downtown Mesa is a community institution. They have tons of different ciders on tap, plus a top-notch pizzeria within the cidery (Myke's Pizza). Neat spot to hang out and work while sipping on some cider.
- Cobra Arcade Bar Downtown Phoenix's arcade bar. They have a dance floor and the drinks are relatively affordable. Plus they have a ton of arcade cabinets, Dance Dance Revolution, Pac-Man Vs, and a taco truck that hangs out in front of the bar most nights.
- Platform 18 One of three bars within <u>Century Grand</u> in the Arcadia district of Phoenix, this bar is actually within a reclaimed presidential train car. They simulate a train ride through the mountains and there's sometimes a 'murder mystery' component that's told through the menu and the special effects. Fairly pricey drinks, reservations recommended.
- <u>Stardust Pinbar</u> Speakeasy Hidden inside the extremely 80's/90's-themed Ziggy's Magic Pizza Shop in Downtown Phoenix, you'll have to go into the bathroom hallway and open the large freezer door. Through the door is a retro pinball bar with a retro dance floor and disco ball. Extremely fun place to hang out and people watch.
- <u>Superstition Meadery</u> 1110 E Washington St, Phoenix, AZ 85034 Makers of some of the top mead (fermented honey wine) in the world, Superstition Meadery has a taproom

- in Downtown Phoenix where you can sample a ton of different meads alongside tasty food.
- <u>Tombstone Brewing Company</u> 3935 E Thomas Rd, Phoenix, AZ 85018 Arcadia outpost of Tombstone, AZ flagship brewery. Known for excellent west coast IPAs, porters, stouts, and sours, there are very few breweries that can compete with the quality and breadth of Tombstone's tap list. Also, their food is fantastic.
- <u>Undertow</u> One of three bars within <u>Century Grand</u> in the Arcadia district of Phoenix, this
 tiki bar specializes in big, strong, crazy tiki cocktails. The bar is themed as the hull of a
 pirate ship. Very popular reservations are recommended. Additionally prices are pretty
 high.
- Valley Bar -One of the best cocktail bars in Arizona; located under a skyscraper in Downtown Phoenix. It's a bit of a speakeasy - it's found in the alleyway behind the Downtown Phoenix location of Cornish Pasty Co. A great cocktail list based off famous Arizonans and food is usually provided by excellent DTPHX restaurants.
- Vine Tavern and Eatery The last surviving location of this once-legendary ASU bar (formerly on Apache and Rural, now on Eliot and Rural), their wings are some of the best in the state. A new location is set to open soon in Ahwatukee at 3820 E Ray Road, Phoenix, AZ 85044
- Wren House Brewing Company Phoenix's most award-winning brewery. Their flagship Spellbinder Hazy IPA won gold at the Great American Beer Fest, their Valley Beer lager took Silver, and at the 2022 competition their Oktoberfest beer 'Festbier' won best of the category. Basically anything from them is delicious. 2125 N 24th St, Phoenix, AZ 85008

Tempe Black-Owned Restaurants

- ATL Wings: 2747 W Southern Ave #8, Tempe, AZ 85282 (480) 687-9639
- Burger Rush: 790 W. Broadway Rd., Tempe. 480-966-4000
- Word of Mouth Grill: 7660 S. McClintock Dr., Tempe. 480-621-6247,
- Cafe Lalibela Ethiopian Cuisine: 849 W. University Drive, Tempe. 480-829-1939,
- Caribbean Queen: 219 E. Baseline Road, Tempe. 480-361-7445
- Caribbean Palm Bakery & Restaurant: 3134 S. Mill Ave., Tempe. 480-967-3134,
- Chicago's Chicken Shack: 1936 E. University Dr., Tempe. 480-687-7070.

Veggie-Friendly Restaurants

If you are a vegetarian or a vegan, the Phoenix area has some really great places to eat! Here are some of the best:

- Cafe Lalibela Ethiopian Cuisine
- Cinnaholic
- Cornish Pasty: has vegan pasties
- The Coronado: hands down best spot for vegan brunch!!
- Early Bird Vegan
- Giving Tree Cafe

- Green New American Vegetarian Cuisine Great for plant-based comfort food (and their tsoynamis are a great treat in the summer!)
- The Dhaba Has vegan options
- <u>Little India</u> 1813 E Baseline Rd #108, Tempe, AZ 85283 (Baseline and McClintock) -Solid Indian vegetarian food
- Loving Hut
- Mellow Mushroom
- Pachamama
- Pedal Haus Brewery Great vegan menu!
- <u>Picazzo's Healthy Italian Kitchen</u>: the vegan elote pizza is amazing!!
- Snooze Good brunch options for plant-based folks!
- Uptown Farmers Market: has some really great vegan vendors, including
 - Fluffy Vegans: Vegan cheese and dips!
 - OOOHMAMA!: vegan cream cheese and cheesecake!
- <u>UniQ Burger</u>: New plant-based burger place
- <u>Vegan Social</u>: The second Saturday of each month, downtown Phoenix has a market with over 45 vendors!! Definitely recommend checking it out- it's free to enter!
- 24 Carrots

Coffee Shops

When I'm reading papers or writing on the weekends, I like to take myself on "coffee dates." It means staying away from my office on the weekend and keeping myself happy AND my time to degree under a decade!

- <u>Brick Road Coffee</u>- Rural Road. LGBTQ+ owned coffee shop. Super adorable and centered around creating a safe, inclusive environment for all identities. They even have a bookshelf dedicated to gueer stories. Highly recommend!
- <u>Cartel Coffee Lab</u> SW corner of University and Ash. Best coffee around, indie atmosphere, and the baristas know what they're talking about. Opens at 7:30 M-F, 8 on Sat. 9 on Sun.
- <u>Charlie's Cafe</u> (on-campus)- Not Starbucks! Three campus locations: in the law school, 2nd floor of architecture building, and the entrance to Hayden Library. Coffee, espresso, snacks, bagels, lunch specials.
- Coffee Rush SE corner of Ray & Dobson, free Wi-Fi, great lake (?!) view!
- Coyote Cafe E University, great place, but closes early (5 PM)
- Cupz On College Ave. just north of University Dr.
- <u>Dutch Brothers Coffee</u>: Rural Road and Apache, great drinks loaded with caffeine, kinda pricey
- Dunkin Donuts NW corner of 5 th St and Mill Avenue
- Gold Bar Espresso NE corner of Southern and McClintockMcClintock Dr. Small place with excellent coffee. Bagels and desserts.
- Kona Cafe E University; also has a drive-thru.
- Solo Café This place is on Mill and Baseline and it has low prices and a cool atmosphere.

• <u>Xtreme Bean Coffee House</u> - SW Corner of McClintock and Southern 1707 E. Southern Ave. Drive-thru window, bagels, desserts, local music a few nights a week, fast wireless internet. o Lux – 4404 North Central Avenue. Phoenix.

Supermarkets

Check out these grad student favorites:

- Fry's Food Store Two locations on Southern Ave one near Mill Ave and the other near Rural Rd.
- Lee Lee Oriental Supermarket 2025 N. Dobson Road in Chandler. (480) 899-2887 (a huge warehouse where each ethnicity gets a row—plus fresh and inexpensive produce and seafood).
- Mekong Plaza (corner of Main or Apache and Dobson) good Asian supermarket and easily accessible via public transit.
- Rollins Market (5th and Beck) Small grocery store which has a limited selection focused on Mexican foods. It has a little butcher section.
- Safeway Really close to campus, on the NE corner of Rural Rd and Broadway Rd
- Segal's Kosher Market 4818 N. 7 th Street in Phoenix. (602) 277-5769
- Sprouts (Formerly known as Sunflower Market; NW corner of Southern and McClintock)
 Great prices on produce, some local bakery breads, olive bar, good cheeses, big liquor, and wine section, lots of natural and organic products. This place rocks.
- Trader Joe's (Rural and University) High quality, cheap prices
- Walmart Another grocery store on Southern Ave (on the NW corner with Rural Rd.
- Whole foods (Rural and Baseline) Expensive selection of a large variety of organic, local, and gourmet foods. They do have great local goat cheese, olive oil, tomatoes, etc. Huge one in Chandler on W Ray Rd also has pretty affordable eating options (good pizza! Happy hour all day Saturday!)

Also, you might consider joining one of the <u>Tempe Community Supported Agriculture</u> programs. These programs work like a subscription service for produce. You pay the farm one lump sum in advance (10 weeks) and get a weekly delivery of fresh local fruits and veggies which you can pick up at various locations. See this website for more information on where to go for <u>local beef</u>, <u>eggs</u>, <u>or other treats</u>. Here is a list of <u>farmers' markets</u>. Also, <u>Produce on Wheels With-Out Waste</u>, <u>from Borderlands Produce Rescue</u>. Basically, this is a market with fresh produce that distributors were not able to sell, for a variety of reasons such as water stains. The majority is in great condition and you can have up to 60 lbs for just \$12 or 30 lbs for \$6 (the latter offer is only available to students). You have to go early in the morning, as the produce is available on a first-come basis. And they only accept cash. This would also be a great volunteering opportunity, as they are always seeking volunteers.

Farmers Markets

The Phoenix metro area has a number of great farmers markets for high quality fresh produce! We advise that you go earlier in the day instead of later for two main reasons: first, some of the

best produce is sold out by the middle of the morning; and second, it gets hot! Most farmers markets in the Phoenix area have food trucks in addition to the produce and food stalls.

- Chandler Farmers Market Seasonal farmers market from October to June at Dr. A.J. Chandler Park West at 3 S. Arizona Avenue, Chandler, AZ 85225. When in season, this is one of the bigger farmers markets in the metro area.
- <u>Gilbert Farmers Market</u> Saturday mornings in Downtown Gilbert on Page St and Ash St (near Gilbert Rd and Page St). Possibly the biggest Farmer's Market in the Phoenix metro area - two large markets, one focused on crafts and art while the others is the more traditional produce/food-focused market, combined into one huge market.
- Mesa Farmers Market Saturday mornings in Downtown Mesa (1 East Main Street Mesa, Arizona 85201). Relatively small but often has some solid rare finds from around the valley (for example, this is one of the few markets that sells coveted Schnepf Farms peaches and strawberries grown in Queen Creek in the Spring)
- <u>Downtown Phoenix Farmers Market</u> Saturday mornings in Downtown Phoenix on 5th st and McKinley. Pretty big, good selection. Both manufactured crafts and products as well as fresh produce and meats.
- Uptown Phoenix Farmers Market Saturday mornings year round, Wednesdays as well
 in the cooler months. Like the Downtown Phoenix Market, it's a pretty big market with
 good selection.
- <u>Scottsdale Farmers Market</u> Saturdays mornings Old Town Scottsdale at 3806 N. Brown Ave. Scottsdale, AZ 85251. Only produce and fresh foods.
- <u>Tempe Farmers Market</u> Open daily, small but good selection. 805 S. Farmer Ave., Tempe AZ 885281

Hiking

Hiking is one of the most popular activities among Phoenicians and folks in Arizona, and for good reason - our state has a huge diversity of climates, environments, and natural settings to explore!

Hiking in and Around the Phoenix Area

The Phoenix metro area is set in the Sonoran Desert - naturally the trails around town are very desert-y. But don't be fooled - the Sonoran Desert is actually the greenest and wettest desert in the world, which leads to a huge diversity of flora and fauna on our trails (scorching sunsets with silhouettes of towering saguaros, anyone?). Here are some of the trails we love:

- <u>Hayden Butte</u>: quick hike up "A" mountain, north of campus, convenient hike in Tempe; VERY crowded on weekends (read: go on weekdays)
- <u>Camelback Mountain</u> in Phoenix. One of the most popular hikes in the Valley. Get there early or Uber due to very limited parking.
- South Mountain Park, other Regional Parks
- <u>Tonto National Forest</u> lots of saguaros and eventually ponderosa pines if you drive far enough.

- <u>Piestewa Peak</u> in Phoenix less crowded than Camelback and considered by some to be less challenging.
- <u>The Superstition Mountains</u> Probably the most challenging hiking around Phoenix, but the views are also possibly the most rewarding. You'll be pretty much alone out here if that's your thing. Keep an eye out for the mythological 'Lost Dutchman's Treasure'!
- Cochise Stronghold rocky and beautiful, challenging hiking.
- McDowell Mountains

Hiking Outside of Phoenix

Outside Phoenix: Payson, Sedona, Camp Verde, and Flagstaff are all gorgeous, full of options, and about 2 hours from Phoenix

- Flagstaff: The roof of Arizona and home to our chill Lumberjack friends at Northern Arizona University, Flagstaff is a popular town located at the base of the San Francisco Mountains. It's where astronauts and Olympians train, it's an international dark sky city so the stargazing and camping is fantastic (Pluto was discovered at Flagstaff's Lowell Observatory), and it's got some good skiing at Snowbowl in the winter time. It's synonymous with Northern Arizona and is nestled in the longest continuous Ponderosa pine forest in the world. This makes Flagstaff an ideal place to hike in a cooler, more forested, more traditionally mountainous environment (plus it's got tons of great restaurants and breweries Dark Sky Brewing Co being the favorite to hit after your hike)! Warning: Flagstaff is situated at 6,909 feet in elevation (about 800' higher than Denver and about 6,000' higher than Phoenix) the air is thin up there, so be sure to take that into consideration when planning your hikes.
 - Humphrey's Peak Trail are you the kind of person who won't rest until
 they've hiked to the tallest peak wherever they are? This is the hike for
 you it's a 10.7 mile difficult climb to Arizona's highest peak at 12,636'.
 Come prepared this one's a doozy.
 - <u>Fatman's Loop Trail</u> a moderate, popular loop through an aspen and pine forest with trees that are over 900 years old. Also, you'll hike over a lava flow, which is pretty neat.
 - Walnut Canyon National Monument trails just outside of Flagstaff is some of the most beautiful hiking in Arizona at Walnut Canyon.
 - Bonus camping recommendation: probably the most popular camping/hiking spot among Arizonans looking to escape the summer heat, <u>Lockett Meadow</u> is an absolutely gorgeous campground that we can't recommend enough.
- Sedona: red rock country, Sedona is often featured in travel brochures and commercials advertising Arizona. There are several <u>other iconic trails</u> around Sedona, but these are the most popular/famous:
 - Oak Creek Trail is an easy nature walk that's quite popular and absolutely beautiful.
 - <u>Devil's Bridge</u> is a popular spot for outdoorsy grad students to propose -

- I've seen/heard of at least 4 proposals at Devil's Bridge in the 4 years I've been here. It's also the backdrop to probably no less than 10% of the ASU faculty's directory photos.
- <u>Boynton Canyon Trail</u> is a moderately challenging, decently long hike that is frequented by tourists and locals alike.
- Camp Verde: Between Phoenix and Sedona on the Interstate Highway 17 (I-17) is a neat region of Arizona that actually features both wine growing, cool canyons, sometimes waterfalls, and always excellent hiking (also the town of Camp Verde has an annual corn festival?).
 - <u>Indian Maiden Falls</u>: This is a challenging 7 mile hike with ~2,000 feet of elevation gain. Some people prefer to make it a 2 day hike.
 - Montezuma Castle National Monument: the ruins of an indigenous dwelling nestled into the walls of a canyon, Montezuma Castle National Monument is worth exploring.
- **Payson:** Northeast of Phoenix, Payson is the hub of 'Rim Country'. It's situated at the base of the Mogollon (pronounced Mohg-Ee-On) Rim and is a useful jumping off point for hikes throughout the <u>Tonto National Forest.</u>
- Saguaro National Park: this large national park between Phoenix and Tucson is home to one of the highest concentrations of saguaro cacti in the world, and conveniently it's bisected by the Interstate Highway 10 (I-10) between Phoenix and Tucson. We recommend visiting during the less-hot months. The National Park Service put together a <u>pretty useful guide</u> on the trails in both the East and West sides of the park.
- And if outdoor swimming is as much of a priority to you as it is to me:

Alltrails is a great resource for finding hikes in the area (there are many!).

Obligatory Desert Hiking Warning:

Most of the best trails in Arizona are in the desert. The Sonoran Desert is hot and dry, and in the summer it can be dangerously so. You'll see heat warnings pop up on your phone, you'll see news bulletins about trails being closed, and you'll see news stories about people ignoring those warnings and hiking at 1 PM with a half-empty bottle of water that they found roasting in their car's backseat. Don't be one of those people - you don't want to end_up_on_the_news (seriously, when I was writing this section of the guide it took me less than 30 seconds to find 5 news stories within the last year about unfortunate hikers)! Some advice from a born-and-raised Arizonan:

- Carry lots of water with you. Always bring water more than you think you'll need, and start hydrating the night before you go on a hike. Some folks created a <u>useful resource</u> to help you determine how much water you'll need. Please stay hydrated while hiking!
- Our natural scenery is hard to beat, but be cautious while out in nature. Keep an eye/ear out for snakes, coyotes, and other wildlife, and try to avoid bumping into cacti!
 - Pack a pair of tweezers just in case you get a 'hug' from a teddy bear

- cholla cactus. This will save you much discomfort on the way back to your car.
- Review this guide from the American Hiking Society on what to do if bitten by a snake while hiking before you go out.
- Try to avoid hiking alone the buddy system can help you out of tough situations, plus it's more fun to have someone to talk to while traipsing around the desert!
 - o If you're going to hike alone, tell someone where you're going, when you plan on coming back, and what to do in the event you don't get back by a certain time. This has saved many lives over the years as friends can call rescue hotlines to check for their friends on trails, which has led to distressed hikers being saved from the heat or other calamities.
- Some trails within cities (e.g. Camelback) will be closed until it cools down. Don't
 ignore these heat warnings if you pass out on a trail, you're putting yourself
 and the rescue crew at risk to get you out of the sticky situation.
- Wear light, breathable fabrics that are light colored (light colored fabrics absorb less heat than dark ones).
- Combat sunburns: wear a hat, wear sunscreen and reapply often, and wear light pants and light long sleeved tops to avoid getting scorched (or stung)

Skiing

You read that right - skiing. As in snow skiing or snowboarding down mountains. We have skiing here in Arizona, and there are some pretty solid deals for students to boot! There are two primary ski resorts in Arizona (along with a <u>dinky third one in Tucson</u> that is super unreliable and may not even open each season). They are as follows:

- Arizona Snowbowl: If you've never skied or snowboarded before, <u>Snowbowl</u> is the place to learn how. It's just outside of Flagstaff in the San Francisco Peaks, and their ski school is excellent. For the past several years they've been giving free season passes to all kids 12 and under (an excellent deal for families). They'll also sometimes have specials where you can get a lesson, ski rental, and lift ticket all for some low price. It's not a huge mountain, but it's got a good variety of terrain and their prices are usually pretty affordable if you buy your tickets online in-advance. They usually have solid rental specials if you need to rent gear, but be sure to reserve it in advance. The beer selection at their lodge is stellar and full of local greats.
- Sunrise Park Resort: Arizona's largest ski resort, Sunrise is something of a hidden gem. It's not as heavily advertised as Snowbowl is, and its location is more remote (it's on the White Mountain Apache reservation east of Show Low, AZ), but what it lacks in convenient location it more than makes up for in the variety of terrain. They also have authentic, mind-meltingly delicious fry bread tacos at their base lodge and mid-mountain cafe (the better ones are mid-mountain). Essentially everything is cheaper at Sunrise, from lift tickets to rentals to housing, but getting there can be a bit more difficult than Snowbowl.
 - If you need to rent gear (from clothing to helmets to the actual skis/snowboards or /boots/poles), we recommend you check out Krissie's ski shop in Pinetop. Their rental prices are usually 20-50% cheaper than renting at Sunrise itself, plus a number of former/current Sun Devils work there (they also have a very good dog).

There are also a couple of ski shops in Phoenix if you end up wanting to rent/buy ski gear in the Valley, which can often be much cheaper than renting at the mountain or in the nearby mountain towns:

- <u>Ski Pro</u>: they basically have a monopoly on the Phoenix market, but their prices and selection are reasonable and their employees are knowledgeable. There's a location not far from the Tempe campus at 1924 W Rio Salado Pkwy, Mesa, AZ 85201, and their seasonal outlet location (up in North Scottsdale on Tatum Boulevard) has even steeper discounts and a wider selection.
 - Ski Pro hosts an annual 'Avalanche Sale' right before the season starts. You don't want to miss that sale there are tons of huge discounts on lightly-used gear and on season passes from the Arizona resorts (Snowbowl and Sunrise will usually even give out free lift tickets to attendees of the sale), and Ski Pro will also sell your stuff for you at the sale for a small commission.

 Action Ride Shop: A smaller, independent bike and ski shop in Mesa at 1316 S Gilbert Rd Ste D1, Mesa, AZ 85204. Sometimes they have better deals than Ski Pro - it's worth checking them out.

Pet Stuff and Vets

PET STORES

- Petsmart (at the Tempe Marketplace... McClintock and Rio Salado)
- Pet Club (6350 S. McClintock Dr.)
- Ryan's Pet Supplies (1805 E. McDowell Rd, Phoenix, AZ) This place is a huge pet warehouse, discounted items can be expected.
- Petco (SE corner of McClintock and Guadalupe)
- Pets Inc (NE corner of Mill and Southern) Local reptile, fish, and amphibian equipment.
- REI (Southwest corner of Southern and Hardy) Has a great pet section for active dogs

VET RECOMMENDATIONS

(alphabetical order):

<u>Baseline Animal Hospital</u> 220 E Baseline Rd, Tempe (480) 839-2824 Great vet, super friendly, cheaper than the others usually.

<u>Faust Animal Hospital</u> 3111 E. Greenway, Suite 105 Phoenix, Arizona 85032 (602) 482-2161 "Knowledgeable, professional, and great with animals"

Ingleside Animal Hospital 5130 East Thomas Road Phoenix, Arizona 85018 (602) 840-3446 "They are AAHA accredited, have a friendly, knowledgeable staff, the latest equipment, and work with the Humane Society (adopted pets get their first visit free)." McClintock Animal Care Center 3402 S McClintock Dr 480-820-2822 "I take my cat here, and she is seen by Dr. Tracy Wight who is totally awesome with animals. And, they are reasonable with costs, and give you options about what your pet really needs (vaccinations, etc)." Picco

<u>Tempe Veterinary Hospital</u> 3400 S Mill Ave Ste 324 (Tempe) 480-966-0391 [Dr. Wells or Dr. Snyder] Shea Animal Hospital 3232 E Shea Blvd (Scottsdale) (602) 996-3540 Considerate, adept, and genuinely caring. Full-service veterinary medicine and surgery for dogs, cats, and exotics. Chinese herbal and acupuncture for dogs and cats. Also, offer \$25 referral discounts.

Topaz Veterinary Clinic 1804 E Southern Ave #9 Tempe, AZ 85282 (Tempe) (480) 345-6500 [Dr. Berthiaume and Dr. Marzke] "Both vets are very kind and understanding. They clearly explain their diagnosis and all treatments available – they are not just trying to get your money. They also have a \$25 off coupon on their website."

<u>University Animal Hospital</u> 2500 S. Hardy Dr. Tempe, AZ 85282 (480) 968-9275 "This place is amazing. All doctors are smart and caring. The place is very upfront about costs and asks you to pick the treatment you feel comfortable paying for. There is also a pet resort here, so it's awesome when I go home for Christmas!"

Dog Parks

- Tempe Sports Complex Dog Park (Hardy and Carter, south of Kiwanis Park) This is considered the best of Tempe's many off-leash dog parks. It has a large, fenced area with lovely grass, gravel, and picnic tables.
- Papago Dog Park (Curry Rd. and College Ave. in Papago Park) This is a fenced, off-leash dog park within Papago park, it also includes picnic tables, a pond, playground, and restrooms.
- Mitchell Dog Park (Mitchell Dr and 9 th St.) Includes grassy areas, shade trees, benches, and picnic tables.
- Creamery Park (1520 E 8th St) smaller dog park.
- Jaycee Dog Park (5 St. and Hardy) Includes picnic tables, water, shade trees, and waste bags.
- Chaparral Dog Park (Chaparral and Hayden (north McClintock)- this dog park is amazing, very large fenced in area. People are very friendly, and it is very clean. This place is always busy too if you like your dog to be non-stop playing.
- Cosmo Dog Park (Ray Road and Val Vista)- This is the best dog park in AZ because it has a lake inside the dog park! It is about 15 minutes from the campus, and your dog will get dirty! They also have a fenced-in area with lots of agility equipment.
- Arizona Dog Sports (48 th and Cactus)- This is an indoor dog gym that is great for taking agility courses, advanced obedience, and more! I love this place, my dog actually got her Canine Good Citizen title from this place.

Dentists

ASU does not offer dental insurance to grad students as part of their benefit package. Here are some tips for taking a little of the pain out of your dental work.

Dental Plan Recommendations:

"The best thing to do is to go to www.dentalplans.com and select a discount plan. The cost of enrollment for one year will more than make up the difference in price for just one filling at any dentist in the Phoenix area. Not as good as insurance, but it's a heavy discount on all work. Some of the better plans even include a routine checkup and cleaning yearly."

"A good, decent dental plan that students can realistically buy into is through <u>Perfect Teeth</u>. I have the Diamond Plan, which gets me two annual exams for less than \$200 total/year (plus a 25-50% reduction in any treatment if I need it)."

Dentist Recommendations (alphabetical order):

<u>Arizona School of Dentistry & Oral Health</u> 5885 E. Still Circle, Suite 101, Mesa AZ; (480) 248-8100;

Dr. Frank Brinkman, DDS 2058 S Dobson RD # 12, Mesa, Arizona 85202; (480) 838-3033 "I go to Dr. Brinkman, but he is in Mesa (on Dobson, just south of Baseline). If the office location does not turn you off, I think they are very good and reasonably affordable. They work with you on payment (e.g., they will hold a check for you if you need them to, etc.). They also tend to be conservative when it comes to dental work-l have never felt they were pushing/scaring me into doing procedures. They are also very friendly. The only major downside is they are open M-F, 6 am to 2 pm only."

Thomas David L DMD DDS (480) 967-9453, 2700 S Rural Rd, Tempe, AZ 85282 "He has been our dentist for over ten years and is great!"

"I'm still going to him, but my wife and I are not huge fans. Got some stuff wrong for her and did not communicate charges well to me before doing treatment."

Dr. Daniel Kline, DDS 590 North Alma School Road, Chandler, AZ 85224-4361; (480) 899-5240 "I'd HIGHLY recommend Dr. Kline. Very oriented toward patient service."

Dr. Amy Okun DDS, Dr. Jeffrey Styskal DDS, and Dr. Irina Martinez, 1050 E Southern Ave. Suite B1 Tempe, AZ 85282; (480) 967-8763 "I highly recommend Okun Dentistry - they're very transparent and upfront on pricing, which is usually very fair and affordable for the work being done, and the quality of their dental work is outstanding. Their office is friendly, they send plenty of reminders and are usually pretty flexible when it comes to rescheduling if necessary, and they're not too far from campus. Only thing is getting appointments can be tough as they're quite popular."

Dr. Rambutan DDS Shea and 32nd St, (602) 996-0166 "I've got a great dentist and not only is he good, he's affordable. He is also, unfortunately quite a distance away."

Dr. Stacy Tracy DDS and Dr. Roxanne Hubber 2210 S. Mill Avenue, # 3, Tempe, AZ 85282; (480) 829-8200 "Dr. Tracy and Dr. Hubber are close to campus, competent, and their rates are probably similar to other dentists. You also get a \$50 discount card for referring a new patient"

Patient reviews of dentists – <u>Phoenix area</u> – Tempe only

Mental Health

Graduate school can take a toll on your body and your mind.! Also, the E-Board has started a mental health initiative to improve the mental health resources available to SoLS grad students. These include weekly support groups facilitated by ASU counseling, monthly mental health seminars featuring notable speakers on topics like stress and time management, mentor-mentee relations, and several other pilot programs!

Mental Health events and Resources within SOLS

Mental Health Seminar - Seminars and workshops addressing mental health issues are organized during Brown bag three times a semester, or roughly once a month.

Coffee and Series

Coffee and Conversation - Casual round table discussion group facilitated by a counselor

Coffee and Creativity - A space for unwinding and relieving stress through craft Coffee and Gaming - An opportunity for students to unwind with games

Mental Health Professionals

While you'll need a referral from either the counseling center or the student health clinic to go off campus, we have put together a shortlist of mental health professionals and graduate opinions of them to take some of the stress out of finding someone to talk to about your stress

Counseling and Consultation -Provides individual and couples counseling, group counseling, support groups, crisis intervention and referrals. -I went to the ASU counseling place in the student services bldg. They were really great, discreet, and were able to get me in fast. I saw Carolyn Jones for the consult and then Sande D. regularly (though I think she has retired). The psychiatrist is very good too, a little serious but knowledgeable (Dr. Brogan). They were very sympathetic and understanding about the stresses of being a grad student and really helped me out. I would definitely recommend going to the center, esp. because it is very convenient being right on campus.

Counselor Training Center (CTC) 480-965-5067 -Provides individual, couple, and family counseling. Located in Payne on the fourth floor.

Clinical Psychology Center Psychology Building PO Box 871104 950 S. McAllister Second Floor Room 289 Tempe, AZ 85287-1104 -This is a training clinic, in which advanced psychology students are closely supervised by clinical faculty. The benefit is that the cost is based on income, so it tends to be very inexpensive for graduate students.

Hope Rebuilt LLC. Recommended by ASU Counseling Services, has a number of providers with different specialties, including anxiety, depression, OCD, mood disorders, eating disorders, trauma, grief, and more. Accepts Aetna and Blue Cross Blue Shield insurances. So far I have had a great experience with them! I like that my therapist provides me a safe space to talk as well as gives me exercises to practice throughout the week until we meet again. Would recommend!

Kim Evans Rubenfeld Synergy Therapy (480)471-3448 She is a holistic therapist

trained in Rubenfeld Synergy work, a mind-body-spirit modality. Kim is located at Via de Ventura and the 101N in Scottsdale and offers a sliding fee scale for payment. She does not take insurance. As someone training to be a therapist myself, I can say hands down that she is the best therapist I have ever met. She is extremely gifted across a range of issues and clients, specifically trauma of any sort. She would be an excellent fit for someone looking to do psychological healing work in a holistic modality for affordable pay. Stuart Fensterheim, 480.560.1981

Judy O'Donoghue, Ph.D. 3910 S. Rural Rd. Ste. A-1 Tempe, AZ 85282 480-894-2425 She has expertise in transgenderism, and professionals with this type of expertise are very hard for trans people to find.

Jennifer Rhodes, Ph.D. Licensed Psychologist 2120 S. Rural Rd, Suite 5 Tempe, AZ 85282 (480) 449-9070 She specializes in anxiety and depression and practices cognitive behavioral therapy. She graduated from John's Hopkins and is very good. She was recommended by Career Counseling & Services at ASU. Dr. Rhodes has a lot of experience with grad student issues, and she's been a very helpful therapist. She tends to rely heavily on cognitive behavioral therapy and "homework", so if that's something you don't like, you might want to look elsewhere.

Dr. Greg Shrader (602) 402-9042 I had a very POSITIVE experience with Dr. Shrader. He has a Ph.D. (in Psychology) and he is the advisor to several graduate students (Not at ASU) and has had graduate students as clients so he knows exactly what we are going through. Dr. Shrader is smart, easy to talk to, and very genuine. He has a private practice, but if you get a referral through ASU counseling services you can use ASU insurance and the co-pay is only \$25 dollars. His office is also right on Mill (very close to campus). He only sees patients on Fridays.

Car Mechanics

Whether you enjoy it or not, Phoenix is a driving city, and you'll find that the hot summer sun causes funny things to fail on your car. Or, you could be like the rest of us, trying to nurse an old car through its fourth or fifth "final year". Whatever the reason for your repair, it's always useful to have a good mechanic on your list. We polled grads and came up with the following recommendations for places to bring your "trusty" vehicle (listed alphabetically):

<u>All-Star Transmission</u> NW corner of Guadalupe and Country Club in Mesa. Great service and super honest.

Arizona Imports, LTD. 602-243-7447; I have a 1995 Nissan 240SX, which is a small Japanese 2 door coupe. This specific mechanic is someone I trust, because I have never felt "ripped off" by him, and the prices are reasonable and fair. I have had much experience with him, as my car is not always functioning the way it was intended. It breaks down a lot. This specific mechanic fixes the malfunction well because the

mechanic can properly diagnose the malfunction.

<u>Arizona Import Specialists</u> 1879 E. Third St., Tempe, AZ 85281 Services all makes and models – not just imports.

<u>Chuck's Auto Service Center</u> 4522 N 19th Ave, Phoenix, AZ 85015; (602) 433-0518 "This man is great and entirely trustworthy."

<u>Auto Service</u> 430 South Price Road, Tempe, AZ 85281; (480) 967-7805 "These guys are impeccable, honest, and provide dealership service at smaller prices. They're not the cheapest, but the quality and timeliness of the work more than make up for it. They will also work on everything from an Alpha Romeo to a Geo Prizm."

<u>Hon-Man</u> 1864 E Apache Blvd, Tempe, AZ (480) 377-0638 - Only work on Hondas and Acuras but are fair, honest, down-to-earth, and tell it like it is. They don't try to upsell you. They give you an assessment of your car and its conditions, often with percentages and estimates of the life of a part.

Noe Auto Import 63 E Mckellips Rd # 135, Mesa, AZ; (480) 834-0114

<u>The Car Shop</u> Near Broadway and Hardy Tempe Auto Repair, LLC 321 W Southern Avenue, Tempe, AZ 85282-4501; (480) 967-1476

<u>Tempe Imports</u> 622 South Hacienda, Tempe, AZ; (480) 966-6680 "These guys are friendly and I've always thought they charged a fair price without trying to sell you lots of extra work."

Movies

Keep an eye out for free sneak peek movie tickets for free advanced movie showings in Tempe. Also, several student associations on campus present international films on a regular basis. You can get discount tickets for local movie theaters at the front desk of the Student Recreation Complex (with valid student ID). Check out the recently renovated Valley Art Theater (downtown Tempe) for the more interesting and artsy movies. The Camelview 5 in Scottsdale generally shows more of the independent, foreign, and alternative genre. Film Bar in Downtown Phoenix is another excellent indie cinema two minutes walking distance from ASU's Downtown Phoenix campus (easily accessible by light rail or the free intercampus shuttles). For the more ardent film buff, the ASU West Film Society (ASU West campus is about 35 minutes west of Tempe) shows classic American and foreign films on Wednesday and Friday evenings. The closest mainstream theaters are at the new Tempe Marketplace, corner of McClintock and Rio Salado.

LGBTQIA+

For information on lesbian, gay, bisexual, transgender and queer/questioning groups, communities and listservs there are two great places to start. Within ASU, the LGBTQIA+ Students page has a wealth of resources (**check out the Rainbow**Coalition on campus), including social groups on campus as well as in the wider community.

- <u>SafeZONE</u> is a program designed to increase the overall campus community's understanding and awareness of issues faced by LGBTQ persons. It also provides three workshops to raise awareness and understanding about LGBTQA communities.
- There is also a listserv, OUTreach with the goal of connecting our lesbian, gay, bisexual, transgender, queer, questioning, and ally communities. To subscribe to OUT_info simply send an email to listserv@asu.edu with 'sub OUT_info' in both the subject and body of the message.

LGBTQ-Friendly Restaurants and Clubs

Here are a few that are ASU-student approved:

- <u>BS West</u> in Old Town Scottsdale, where the drinks are 2 for 1 most nights, the dance floor is always crowded, and the drag shows are out of this world spectacular with both male and female impersonators. (7125 East 5th Avenue, Scottsdale)
- Cash Inn Country is a lesbian bar with country music and a really friendly mix of people. (2140 East McDowell Rd, Phoenix)
- <u>Charlie's</u> in midtown Phoenix is a classic and popular gay bar with country music and some of the best tacos in town just outside the bar (727 W. Camelback Road, Phoenix, AZ 85013)

A more exhaustive list of LGBTQ bars

BIPOC

ASU offers a variety of resources to help graduate students build a community that supports and helps individuals that identify as BIPOC (Black, Indigenous, People of Color) adjust to graduate school life. A list of links with a summary of what these groups do/are is provided below:

1. CIRCLES Group Mentoring

-This program offers a variety of peer-led mentoring groups based on shared identities or interests that aims to create a space for exploration, discussion, collective problem solving,

co-learning and mentoring connections for graduate students in an informal small-group setting. A list of groups is provided below:

- First-generation graduate student circle
- SHADES Black/African graduate student circle
- SHADES Indigenous/Native American graduate student circle
- SHADES International graduate student circle
- SHADES Latino/a/x graduate student circle
- HUES LGBTQIA+ graduate student circle
- Nontraditional-age or adult-reentry graduate students

2. Justice, Equity, Diversity, and Inclusion (JEDI) committee

- -This program offers graduate students the ability to have their voices heard and contribute to making ASU more inclusive for students/faculty that come from diverse backgrounds and ensure that they are receiving fair and equal treatment. They do this by promoting diversity of thought, style, and lived experiences through seminars and various events.
- 3. <u>Student Organizations</u>: Here is a list of student organizations available to the ASU community that aim to provide peer support and mentorship:
 - American Indian Graduate Student Association (AIGSA)
 - Asian-Asian Pacific American Students' Coalition (AAPASC)
 - Black Graduate Student Association (BGSA)
 - Coalition of International Students (CIS)
 - o Provides a list of different organizations involving international students
 - Graduate and Professional Student Association (GPSA)
 - GPSA is the ASU-wide graduate student government. Many SoLS students have risen through its ranks to hold its highest positions. It's an excellent opportunity to give back to the community and advocate for the best interests of ASU's graduate and professional students at the university-, state-, and federal levels.
 - El Concilio
 - The Rainbow Coalition at ASU
 - Society for Advancement of Chicanos and Native Americans (SACNAS)
 - SACNAS is a society of scientists that aims to foster the success of Hispanic/Chicano and Native American scientists to attain advanced degrees, careers, and positions of leadership

4. <u>Diversity Resources</u>

-This link provides information on a list of programs that aim to help BIPOC individuals succeed in a graduate program and create a sense of community

For information on initiatives ASU has implemented to enhance the diversity and inclusion of undergraduate/graduate students and faculty click the link: https://inclusion.asu.edu/ Here is a list of initiatives that show ASU's commitment to diversity and inclusion:

- ADVANCE
- Excelencia in Education
- <u>LIFT Initiatives</u>
- SEA Change

Suggested Readings

Here are a few readings we've compiled to help you gain perspective on graduate student life in general and life in Phoenix in particular! We have found them very helpful as well as entertaining over the years. Enjoy!

- Some Modest Advice for Graduate Students by Stephen C Stearns. Bulletin of the Ecological Society of America, 68:145-153
- Reply to Stearns: Some Acynical Advice for Graduate Students by Raymond B. Huey. Bulletin of the Ecological Society of America, 68:145-153
- **Writing Science** by Joshua Schimel. Learn to better communicate your science writing, and writing in general.
- The Elements of Style by William Strunk, E. B. White. 4th edition, 1999 (guide to writing different types of papers and proposals)
- Time Management from the Inside out by Julie Morgenstern. 2004 (self-explanatory)
- Metropolitan Phoenix: Place Making and Community Building in the Desert by Patricia Gober, 2006
- Written by a geography professor at ASU, this gives you a good understanding of how Phoenix and surrounds came to be the way they are...and it is short)
- Cadillac Desert: The American West and Its Disappearing Water by Marc Reisner, 1993.
- Offers a look at water in the west and gives you some appreciation for why Phoenix and the desert that surrounds it look completely different from one another)
- May You Live in Interesting Times: Using Multidisciplinary and Interdisciplinary Programs to Cope with Change in the Life Sciences. By JP Collins, 2002. BioScience 51(1):75-83.

Chapter 7: Life in the Age of COVID

Unfortunately, Arizona has been a COVID-19 hotspot, so we advise taking extra precautions to protect your own health as well as those around you.

General Tips

- 1) Minimize eating indoors at restaurants. Even if they are sanitizing the tables between parties you will still be breathing the same air. Patio sitting is plentiful in AZ. Opt to eat outside or take the food home.
- 2) When getting take-out opt for responsible businesses that have been taking safety precautions. Bar chains, like Zips, have been bad at reporting COVID cases in their employees, and have not shut down after having employees test positive.
- 3) Meeting outside in uncrowded areas is relatively low risk. Once the heat dies down, take advantage of the great outdoors. Go for hikes, walks, meet others for coffee outside...
- 4) Get tested regularly! Testing is free for ASU students and employees.

COVID-19 Testing

Salvia-based testing

ASU's BioDesign created the <u>salva-based COVID-19</u> testing is faster, and arguably more comfortable, than the standard sinus swab, and just as accurate. Results are generally returned in 1-2 business days (but this may go up as students and staff return to campus for the Fall Semester).

Currently, ASU has switched to the Devil's Drop-Off

You must make an appointment to receive this test. Limited appointments are available for each testing date. University employees must create a <u>Point and Click Solutions account</u> to view and schedule testing appointments and register with ASU Agency Code **2tzzr5xi**.

You may also schedule an appointment through ASU's Patient Portal https://eoss.asu.edu/health/portal

Chapter 8: The Overturning of Roe v Wade

Background

On June 24th, 2022, the Supreme Court of the United States voted 5-4 in favor of Dobbs in the case of *Dobbs v Jackson Women's Health Organization*, overruling both *Roe v Wade* and *Planned Parenthood v Casey*. This essentially ended nationwide protections for pregnant women to receive an abortion and resulted in a number of state-level bans on abortion coming

into effect immediately or in the near future. Arizona is one of those states. **In Arizona, state Senate Bill SB1164 restricts abortion to 15 weeks**, with the Arizona Court of Appeals ruling in December of 2022 that a more restrictive <u>pre-statehood territorial ban on all abortions at any point except for to protect the health of the mother is unenforceable.</u>

Arizona Governor Katie Hobbes has also <u>signed an executive order</u> reassigning cases regarding abortions to the Arizona Attorney General's office, which has indicated that she and her office will not prosecute abortion cases. This order has been subject to scrutiny and will likely be challenged.

Resources

In the event that you find yourself in the position of needing to terminate a pregnancy, we encourage you to review the following information.

Neighboring States - Several of Arizona's neighboring states have abortion laws that are much more permissive and ensure greater access to abortion within their states:

- California permits abortion up to 24 weeks of pregnancy, and after 24 weeks if the to
 protect the life or health of the pregnant woman. California voters also added the
 following provision to their state constitution in November 2022:
 - "The state shall not deny or interfere with an individual's reproductive freedom in their most intimate decisions, which includes their fundamental right to choose to have an abortion and their fundamental right to choose or refuse contraceptives."
- Nevada permits abortion for any reason up to 24 weeks of pregnancy, and after 24 weeks if the pregnancy would be fatal for the pregnant woman.
- New Mexico does not have any limit on abortion at any point in pregnancy. Abortion is legal at all stages of pregnancy in New Mexico.
- Colorado does not have any limit on abortion at any point in pregnancy. Abortion is legal at all stages of pregnancy in Colorado.

Planned Parenthood - Planned Parenthood Arizona has resumed providing their abortion services for those in need of them, they do still have <u>several resources on their website</u> for people who are seeking to terminate their pregnancy up to 15 weeks into the pregnancy. They also specify that it is **legal** for people seeking to terminate their pregnancy to seek abortion services in other states (at the time of writing, the closest Planned Parenthood locations outside of Arizona are located in Imperial Valley, CA - 3 hours and 45 minutes from Tempe - and Coachella, CA - 4 hours from Tempe).

Chapter 9: Some Advice for the New Entering Class from Current SoLS Students

Communicate with your advisors as much as necessary (for research and also if there is a personal issue impacting your work). Have open conversations with your adviser. If there are any issues between you and your adviser tackle them immediately don't let them fester.

As with most busy campuses make sure to secure and lock your bike to reduce the chance of theft. Try to go out in groups if it's late/ dark. There's an app, LiveSafe, that can notify you of crimes and you can use to communicate with the campus police.

Carry a large water bottle with you, especially in the summer.

Be nice to faculty and staff! You never know who might help you at a later date.

Grad students are, by nature, hard-working and motivated almost to a fault. Make sure to understand what workload you can handle -- it's easy to put too much on your plate and burn out after one or two semesters.

Remember to always keep your health and happiness a top priority. Take time for yourself. Seriously. Take time to do the non-academic, non-lab, non-teaching, things you love to do. You can't do a good job in grad school (or life!) if you burn yourself out. Follow your passions and hobbies, especially if they get you away from work. Take time off and mental health days. Avoid the toxic overworking culture as best you can. Getting the degree isn't worth your health.

Do not be afraid to ask for help. Everyone needs help at some point and grad students are no exception. Seek advice from professional counselors (ASU has many options) along with your fellow incoming grad students and older grad students. Don't get discouraged, everyone is going through the same thing. The struggle is real and you are not alone.

Attending social events of all varieties is an important way to make friends. If you'd like to make real friends you will probably want to attend multiple events!

The first academic year in grad school is an exploratory year. Examine all the different options and resources around you and try to get informed about the different weekly

talks/events at your school or anywhere else on campus. Also, do not be afraid to change your mind and switch projects, groups or even programs if what to choose to do does not fulfill your interests.

You belong here! We are excited you are joining us!