



COSMOS UC Davis

California State Summer School for Mathematics and Science

Student and Parent **Handbook**

WELCOME

Congratulations! We are pleased to welcome you to the COSMOS community and look forward to your arrival on July 7th. The faculty and staff have been busy preparing an exciting curriculum designed to sharpen your interest in science and mathematics and residential program to foster a comfortable and fun transition to your month away from home.

Over the course of the four weeks, we will open doors to a whole spectrum of research areas in math and science. We hope that you find many different subjects that intrigue you, as well as the specific area that you've chosen to explore in-depth. Take advantage of the chance to look at the stars with an astronomer, learn about cutting edge research from our distinguished lecturers, learn about science fairs and visit some industrial uses for math and science on your academic field trips.

COSMOS also has exciting social events and activities for you to engage in. Embrace this opportunity by becoming an active participant in your residential and academic communities.

We hope that this handbook answers most questions you have about life at COSMOS. Please feel free to direct any further inquiries to the office and we will be happy to assist you.

Sincerely,
Joel Hass
Program Director
Professor of Mathematics

This Handbook is designed for BOTH parents/guardians and students. We encourage you to review it together.

COSMOS CONTACTS

We do our best to be available to families whenever possible. Please feel free to contact us via phone or email at any time. *Voicemail messages left after 4:00 p.m. will be returned the following morning.*

COSMOS OFFICE

Monday – Friday, 9:00 a.m. – 4:00 p.m.
1204 Mathematical Sciences Building
Phone: (530) 754-7326 – message only
Fax: (530) 754-7327
Email: cosmos@ucdavis.edu
Web: www.cosmos.ucdavis.edu

STAFF

Joel Hass
Program Director & Mathematics Professor
Phone: (530) 754-7326 – message only
Email: cosmos@ucdavis.edu

Helen Barr
Assistant Director
Phone: (530) 754-7325
Email: cosmos@ucdavis.edu

RESIDENCE HALLS

Hawthorn and Live Oak (do **NOT** send mail to this address)
Davis, CA 95616

Stefanie Smart
Program Coordinator/Resident Dean
Email: slsmart@ucdavis.edu
Cell: TBA

AFTER HOURS EMERGENCY

The Resident Dean will be available for emergency calls 24/7 during the program dates; reachable at the cell number that will be provided on Opening day. If you are not able to reach the Resident Dean, please call Helen Barr.

UC DAVIS CAMPUS CONTACTS

There are many other campus resources that will assist COSMOS if needed. A few include:

Police Department: (530) 752-1230
Fire Department: (530) 752-1236

Opening Day – Sunday, July 7, 2019

Parents and students should read through the schedule for Opening Day. Additional instructions for students who are flying in can be found in the Arrivals section. If for some reason you will not be able to arrive in time for check-in, please contact the COSMOS office to make other arrangements.

9:30 am – 11:30 am Check-in at Residence Halls

Parking Lot 47

9:30 – 10:00 am	Check-in for last names: A – H
10:00 – 10:30 am	Check-in for last names: I – Q
10:30 – 11:00 am	Check-in for last names: R – Z

1. First, find a parking spot. Leave your things in the car until you have checked-in and have received your COSMOS materials and room key.
2. Follow signs from the parking lot to the COSMOS check-in table in front of the residence halls. Check-in with any of the staff available at the table. Receive your COSMOS materials and your residence hall designation.
3. Go to the Conference Housing table in front of your residence hall to receive your room/building key. The Conference Housing table will not have your room/building key if you go to the wrong building.
4. Move your belongings into your room.
 - Parents/guardians may help move items into the dorms until 12:00 pm, at which time everyone will be asked to head to the dining commons. Beginning at noon, only students and COSMOS staff will be permitted into either of the residence halls for the remainder of the program.
 - If you need to purchase additional or forgotten items, please use this time to go get them and make sure that you return prior to 12:00 pm.
5. Proceed to the Segundo Dining Commons (DC) for lunch. Students will use the meal cards they received with their check-in materials and parents/guardians will receive a voucher for up to two meals. Any additional meals can be purchased at the DC for \$13.00 per person.

11:30 am – 1:00 pm Lunch

Segundo Dining Commons

- All students and family members should head over to the DC at this time – residential staff will be asking all those remaining to exit the dorms at 12:00 pm.
- *If you arrived by car*, please drive over to the DC as families will be leaving from this location. Visitor Parking Lot 25 is directly behind the Segundo DC, and next to the ARC, where the Parents Meeting will take place.
- If you arrived by another method and do not have a vehicle, please walk over to the Segundo DC. Maps will be provided with directions, or a COSMOS staff member will be able to walk you to the DC.

1:00 – 1:20 pm Cluster Welcome and **Saying Goodbye**

Activities & Recreation Center

- All students and families should make their way over to the ARC Ballroom around 1:00 pm, where Residential Staff members will be waiting to meet their cluster students.
 - Staff will have signs to indicate where each cluster should gather.
 - During this time, parents and guardians will have a chance to interact with the staff members that will be leading their student.
- At 1:20 pm, clusters will return to the dorms while parents and guardians head into the Parents' Meeting.
 - ***This is when parents and guardians should say goodbye to their students.***
 - Parents and guardians will leave after the Parents' Meeting – no one outside of the COSMOS program will be allowed back into the dorms until the end of the program.
 - ***Students will be busy the rest of the day.***

1:30 – 2:30 pm

Parent/Guardian Meeting

Activities & Recreation Center

- **This is a mandatory meeting for parents/guardians who attend Opening Day.**
- During the meeting we will introduce faculty and staff, review important information, rules, procedures, and be available to answer your questions.
- Parents/guardians can depart campus from the ARC after the meeting, since students will be occupied for the rest of the day with activities and meetings of their own.

1:30 – 10:30 pm

Student Activities and Town Hall Meeting

- **These are mandatory sessions for all students.**
- During this time students will be going over essential information about the program and getting to know the people they will be living with for the summer. There will be several sessions going over different topics:
 - Meeting cluster members and staff
 - Touring the dorms
 - Meeting the students and staff living on your floor
 - The campus and where classes will be
- During the Town Hall Meeting students will learn about the COSMOS rules and safety policies (through what we hope will be entertaining skits, but we make no promises...).
- At dinnertime, you will walk with your clusters to share your first meal together!
 - For the first two days all students and staff will be walking, just to be sure that you know where you're going before we let you loose on the campus.

Closing Day – Saturday, August 3, 2019

- | | | |
|-------------------------|---|---|
| 8:00 – 9:30 am | Student Move-out | Hawthorn and Live Oak Halls |
| | <ul style="list-style-type: none">• At 8:00 am parents and guardians may enter the dorms to help students move all of their items out.<ul style="list-style-type: none">▪ Housing linens should be left in the student rooms, not taken to the laundry rooms.▪ Trash should be taken out prior to leaving.• All students need to be out of the dorms by 9:30 am and headed to the ARC for project viewing and breakfast.• Students will be given explicit directions for how to check out with Conference Housing at nightly announcements the previous night. If students do not return their room keys, they will be responsible for the cost of replacing the key.• Additional directions will be provided for students whose parents/guardians will not be attending Closing Day, to accommodate luggage and other items during the ceremony until they leave for flights, trains, etc. | |
| 9:00 – 11:30 am | Project Viewing and Buffet Brunch | Activities & Recreation Center |
| | <ul style="list-style-type: none">• Enjoy brunch while viewing displays and demonstrations of students' final projects.• Note, this facility will not be open until 9:00 am. | |
| 10:00 – 10:45 am | Clusters 1-6 Ceremony | Activities & Recreation Center |
| | <ul style="list-style-type: none">• Presentation of certificates for students from Clusters 1-6.• Seating is limited, so we ask that families limit the number of guests in the ballroom to two per student. | |
| 11:00 – 11:45 am | Clusters 7-11 Ceremony | Activities & Recreation Center |
| | <ul style="list-style-type: none">• Presentation of certificates for students from Clusters 7-11.• Seating is limited, so we ask that families limit the number of guests in the ballroom to two per student. | |

Arrival and Departure

Arriving or Departing by Car

Lot 47 is the closest parking lot to the residence halls. Parking on campus is free on Saturdays and Sundays. There will be signs and staff in Lot 47 to help direct students and families toward the COSMOS check-in area.

Driving Directions

From Sacramento:

- Travel West on Interstate 80 toward San Francisco.
- Take CA-113 North toward Woodland.
- Take Exit 27 and turn Right onto Hutchinson Dr.
- At the second stoplight, turn Right onto La Rue Rd.
- Follow the curve toward the left to stay on La Rue Rd. and Lot 47 will be on your left.

From the Bay Area

- Travel East on Interstate 80 toward Sacramento.
- Take CA-113 North toward Woodland.
- Take Exit 27 and turn Right onto Hutchinson Dr.
- At the second stoplight, turn Right onto La Rue Rd.
- Follow the curve toward the left to stay on La Rue Rd. and Lot 47 will be on your left.

Arriving or Departing by Plane

The Sacramento International Airport (SMF) is the nearest commercial airport to Davis.

All students arriving or departing by plane should send their flight details to the Resident Dean no later than June 30, 2019. Departing flight information can be sent later.

- This is just to ensure student safety, and provide a specific contact number in case there are any issues during the student's travel from the airport to the campus.
- COSMOS will not provide transportation from the airport, but there are many taxi and ride share options since so many UC Davis undergrads arrive at Sacramento International.

Please send the following to Stefanie Smart at sjsmart@ucdavis.edu:

- Student Name
- Cluster
- Airline
- Flight Number
- Expected arrival/departure time

For taxi or ride share services, let your driver know that you would like to be dropped off at **Lot 47** on the UC Davis campus. Most drivers in this area know the campus well enough, but if they don't know how to get there you can provide the driving directions above or tell them to put **Hawthorn Hall** into their GPS devices.

Arriving or Departing by Train

Davis also has an Amtrak station located in downtown. If you choose to arrive by train, you should arrange for transportation from the station to campus following the same guidelines as those arriving by plane.

These students should also send their travel information to the Resident Dean, same as those who are flying.

Please Note!

To ensure the safe arrival of our students, all students that will be arriving without their parents or guardians should provide travel information to the Resident Dean, Stefanie Smart.

- Prior to the student's arrival, they should receive a confirmation email with a contact number in case there are any emergencies, delayed flights, lost drivers, etc.
- If a student will be arriving particularly early on Opening Day, they will not be able to enter their room, but arrangements can be made with staff to allow them into the building to wait until check-in.

Contacting and Visiting Students

Phone Contact

Please keep in contact with your students, but also be respectful of class and quiet hours and only make emergency phone calls during the following times:

Morning Classes: 9:00 – 11:30 am

Afternoon Classes: 1:00 – 5:00 pm

Quiet Hours: 10:30 pm – 6:00 am

If for some reason you cannot get in contact with your student, please contact the Resident Dean for immediate action.

Mail

As students will be with us for an entire month, parents often send care packages or forgotten items. While we do encourage this, there are some conditions parents should be aware of prior to sending any mail.

Just as with transcript delivery, our mail is sorted at the campus-wide mail facility and then delivered to us on Tuesdays and Thursdays. This means that mail can take as much as three weeks after sending to arrive in our office. Once we do have it, mail is delivered that night to students during their nightly meetings.

For this reason, **please do not send anything perishable** as it will likely go bad before the student receives it.

To send something to your students, please address the mail in the following way:

Student Name, Cluster Number

COSMOS, UC Davis

1204 MSB

One Shields Ave.

Davis, CA 95616

If there is something that the student needs immediately that they cannot get themselves, there are Amazon Lockers conveniently located on campus which students will be able to use. If they have any trouble with this, the Residential Staff will be able to help students arrange for packages to be dropped off at the Lockers. No mail should be sent to the dorm addresses. Campus does not deliver mail to the dorms during the summer months.

If there are other concerns about items that need to be purchased and delivered in a timely manner, but cannot be sent by Amazon, please contact the Resident Dean to see what arrangements can be made.

Visiting Students

Family Visiting Hours:

Sundays 7:00 am – 8:00 pm

Family/guardians are welcome to visit their students during visiting hours on Sundays. During this time, families can visit with their students at the Segundo DC or at the tables in front of Trudy's Market in the Tercero Residence Hall Area.

Please be aware that family/guardians will not be allowed into the residence halls during this time. Students do not have to have a buddy (general COSMOS policy) if they are visiting with their family, but we ask that they not leave campus.

Leaving the Program

It is expected that students will stay for the duration of the program, but if there is an emergency please get in contact with the COSMOS office staff as soon as possible to make arrangements.

Dining Commons

The COSMOS program will have access to the **Segundo DC** for all three meals of the day. Students and families will eat lunch there during Opening Day.

Dining cards will be distributed to residents during check-in. The card must be presented at each meal to gain entrance to the dining room. A non-refundable \$25 fee will be charged for lost meal cards.

Meal hours are as follows:

Breakfast: 6:45 am – 8:30 am

Lunch: 11:30 am – 1:30 pm

Dinner: 4:45 pm – 7:00 pm

The weekly menu can be found at:

<http://housing.ucdavis.edu/dining/menus/dining-commons/segundo/>

Click on each menu item to see all ingredients and any allergens they may have. The DC also has a menu as you enter and at each station with this information. Additionally, the DC staff working at each station will be able to answer questions about the food they are preparing if you are still unsure about any dietary restrictions.

For any further concerns you may contact the DC's Registered Dietitian who can help you create a plan to be sure you're getting all of the nutrients you need in a safe way:

Samira Varshikov svarshikov@ucdavis.edu

Residence Halls

Students and Residential Staff will be living in two buildings in the Tercero Residence Hall Area:

- **Hawthorn and Live Oak Halls**
 - These buildings are located on campus and allow for quick access to cluster classrooms, the dining commons, and other campus attractions.
 - Each student will share a room with a fellow COSMOS student in one of the buildings, but all students will have access to both buildings.
 - There are common rooms on each floor where students can meet for work or play. These common rooms will also serve as cluster meeting spots, where students will meet every day to get COSMOS news and information.
 - The buildings are set up in the traditional dorms style, with dorms rooms located directly off a main interior hallway. Each floor will have several bathrooms for students and two staff bathrooms.

Entrance to both buildings and individual rooms will be accessed by key cards that will be distributed upon check-in. Students are responsible for not losing their key cards. If lost, they will be charged a replacement fee of \$50. These cards must be returned to Housing upon check-out.

There is one laundry room on the first floor of each building. Students will be responsible for doing their own laundry, and completing it during available hours (students will not be allowed to do laundry after quiet hours). Students will need to have a credit card to pay for laundry machines. It can be either a regular credit card or pre-paid credit card, but in either case it must be Visa or MasterCard to work with the machines. Prices are \$1.25 per wash and \$1.00 per dry.

In addition, Residential Staff will designate certain spaces in the buildings for COSMOS specific needs such as: quiet study space, equipment room, staff office, etc. The students will be given a tour of the dorms on the first day so that they will know where to go for whatever needs they have.

Each floor will have a combination of RAs and TIs living with the students. There will always be at least one staff member on-call from each cluster, but they will not necessarily live on the same floor or even building as their students. So there will always be at least one staff member on-call on each floor as well. Students will be given a chance to meet the staff living on their floor as well as those working with their cluster, with the hope that they will always have someone they feel comfortable contacting no matter the circumstances.

Weekly Schedule

General COSMOS Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
12:00 – 6:00 am	Quiet Hours End						
7:00 am	Breakfast						
8:00 am	Morning Announcements						
9:00 am	Morning Class/Lab Time	Morning Class/Lab Time	Morning Class/Lab Time	Morning Class/Lab Time	Morning Class/Lab Time	Weekend Outing	Study Time Free Time
10:00 am							
11:00 am							
12:00 pm	Lunch						Lunch
1:00 pm	Afternoon Class/Lab Time	Afternoon Class/Lab Time	Distinguished Lecture Series	Afternoon Class/Lab Time	Afternoon Class/Lab Time		
2:00 pm							
3:00 pm			Afternoon Class/Lab Time				
4:00 pm							
5:00 pm	Dinner						
6:00 pm							
7:00 pm	Nightly Activities Study Time Free Time					Study Time Free Time	
8:00 pm							
9:00 pm							
10:00 pm	Nightly Announcements						
10:30 – 11:59 pm	Quiet Hours Begin						

*Academic Outings will occur during the week, typically on Tuesdays or Thursdays. Students will receive their cluster schedule with academic outings, classrooms, and labs specified.

Distinguished Lecture Series

Each Wednesday of the program, all clusters will attend the same lecture given by a distinguished professional in a STEM field. Each speaker will give a talk about their own area of science, and then give students a chance to ask further questions.

Field Trips

Students will take part in a number of field trips during the program – academic and weekend outings.

Clusters will go on individual academic outings that will likely tie into the material being studied in their classes. These outings will all happen on weekdays and students will get specific instructions for what they might need prior to their trip.

On each Saturday the entire camp will go on a weekend outing. In the past these trips have included San Francisco with a Bay Cruise, a Sacramento Rivercats game, a Davis Rec Pool BBQ, etc.

All outings will have specific requirements – from ID requirements to attire expectations – that students will need to abide by. Please refer to the section about what to bring to be sure that you will have anything you might need for field trips.

Students will receive a calendar with their schedule for the entire month on Opening Day so that they will know when these trips will occur.

Nightly Activities and Free time

Every weekday evening, residential staff will host both an indoor and outdoor activity in which students may participate. The Activities Calendar will be posted on the first floor of Hawthorn Hall, and each activity will be announced and publicized by the Residential Staff. Each student will receive an Activities Calendar for their own reference as well. These activities will not be mandatory, with a few exceptions such as the Talent Show, etc. As nightly activities are not mandatory, students may choose to do other things including homework, studying, playing other sports, exploring campus and downtown, etc. Making use of the music practice rooms are also an option for students during this time.

Sundays are designated as free time for students, which they can use as they'd like within the rules of the program. For this reason there are no planned nightly activities on Sundays.

Music Room

There is a music building on campus with practice rooms for those who wish to practice an instrument; many of the practice rooms have pianos. Staff will give directions to this building to interested students and provide transportation of larger instruments on specified days.

While it is preferred that students practice their instruments in the music rooms, they may practice in their own rooms provided that they have permission from their roommate, they do not disturb quiet hours, and no complaints are made about noise. Students are not permitted to play instruments in the common areas in the dorms.

Religious Services

If a student would like to attend religious services, there will be staff member available to drive students to those services. For student safety and accessibility, we ask that students choose a location in Davis and provide the service information to their RA during nightly announcements.

While it is highly suggested that students find another person from the program to attend religious services with them, a buddy is not required so that students may feel free to attend services of their preference. Staff will keep in contact with each student to be sure they have transportation to and from the services.

What to Bring

Please bring what you will need in order to be comfortable during your stay at UC Davis, but also keep in mind that you will be sharing your room and using communal bathrooms.

Davis is very hot over the summer, but the buildings and dorms are air conditioned and field trips can be in colder locations so be sure to pack for different environments.

COSMOS does not have a specific dress code; we want students to feel comfortable and be able to express their individual style, while still maintaining a level of professionalism as this is an academic summer program. The only exceptions to this will be field trips and labs that have specific clothing requirements – all of which have been listed in the necessary clothing items below.

Required Items in **BLUE**

Essentials

- **Photo Identification** (driver's license, CA identification card, high school ID, passport, etc.)
 - Please bring the most official ID you have – necessary for field trips that require ID
- **Medical Insurance Card**
- Prescription medications (Required to be in original bottle)
- **Credit card or Pre-paid credit card** (for laundry machines)
- Laundry detergent and dryer sheets
- Toiletries: toothbrush/paste, deodorant, shampoo/conditioner, razor, soap, etc.
- School supplies: backpack, notebook, pen/pencil, etc. (some of these items will be provided, but if you have a preferred style of supplies, please bring those)
- Reusable Water Bottle (it gets very hot in Davis during the summer!)
- Clothing:
 - **Long Pants (will be required for particular activities)**
 - **Closed-toe shoes (for labs and field trips)**
 - Enough tops (t-shirts, blouses, button-down shirts, etc.)
 - Enough bottoms (pants, shorts, skirts, etc.)
 - Walking shoes
 - Sandals and other casual shoes
 - Shower shoes (i.e. flip flops)
 - Sunglasses, sunscreen, hat
 - Light jacket and/or sweatshirt
 - Dressy clothes (for Closing Ceremony and class presentations)
 - Athletic clothing
 - Swimsuit and pool towel

Recommended

- Bike or other non-motorized transportation (Please see **Transportation** section below)
 - U-lock (highly recommended) or other locking method for your transportation
 - **Helmet** (required for any non-motorized modes of transportation)
- Extra blankets and pillow
 - There will be linens provided (bed sheets, one blanket, one pillow and pillow case) but the dorms can get a little cooler at night and this may not be enough. Students are also welcome to bring their own linens, but they must launder them themselves. Housing staff will only take the linens they provide.

- Alarm clock
- Spending money (for emergencies, off campus activities, souvenirs, etc.)
- Mini First Aid Kit
 - Students should consider bringing any non-prescription medications they think they may need, including allergy medication if you are especially susceptible. Though we will be on the university campus, Davis is an agricultural town!
 - Any major first aid needs will be provided by COSMOS – each Residential Staff member will carry a first aid kit with them during their on-call hours.

Non-essential but welcome

- Musical Instrument
- Sporting equipment: basketball, football, frisbee, tennis racquet, etc.
- Books for reading pleasure
- Camera
- Non-perishable snacks (stored in a secure container, even if already packaged – to deter ants and other pests)
- Mini Fridge (keeping in mind that this may draw in ants and other pests)

DO NOT Bring

- Clothing with inappropriate language or artwork
- Cars
- Pets
- Valuables
- Weapons, fireworks, explosives, candles, or incense
- Illegal drugs, alcohol, or tobacco

Transportation

It is highly recommended that students bring some sort of transportation, specifically a **bicycle**, since UC Davis is a large campus, however, it is not required and walking is certainly an option.

- Other acceptable modes of transportation are skateboards, longboards, scooters, skates, and similar non-motorized modes of transportation.

Helmets must be worn and buckled correctly whenever riding a bicycle, skateboard, scooter, etc.

- It is the law that minors wear a helmet, and Davis police will not hesitate to ticket those who disobey it. This means that all students who choose to bring some sort of transportation for the summer must also have their own helmet.

If you are bringing your own bike, please be aware that bikes must be parked outside (there is plenty of bike parking in front of the dorms) and are not allowed inside the dorms or lecture halls.

- Other modes of transportation can be stored in the dorms, but they must be taken directly to the student bedroom and cannot be ridden in the dorms, lecture halls or DC.

Davis has a high rate of bike theft; thieves look for expensive bikes and those with locks that are easily cut off. So it's recommended that students bring an inexpensive or non-sentimental bike with a U-lock, rather than a cable or chain lock.

Davis has implemented specific biking structures to ensure safe and easy travel for bikers, including biking lanes, bike circles, biking stop signs and stoplights, etc. Since there is such a large number of bikers, the rules of the road that apply to drivers also apply to bikers. Residential Staff will go over the basic rules that students should follow for biking in Davis on the first day of the program. All modes of transportation must follow the same rules of the road and helmet requirement as bicyclists.

Expectations

In order for everyone to have a successful COSMOS experience, **it is important that the rules and procedures established for COSMOS be followed.** The most critical rules were shared in the *Participant Agreement* and will be reviewed in detail with all clusters on Opening Day. We expect everyone to adhere to all of the rules and procedures established for COSMOS. If a student is unable to adhere to the rules, COSMOS staff may contact their parents/guardians to discuss their behavior and whether they can remain in the program.

Nametags: Students are REQUIRED to wear their COSMOS nametag at all times.

Buddy System: Students must be with someone from the COSMOS program any time they are not in the dorms. This includes anywhere else on campus like the DC or classrooms, or off campus like downtown Davis and on field trips.

Sign in and out: When students leave the dorm area during free time they must sign out, and sign in when they return. This does not include general daily activities such as going to the DC, going to class, or attending a staff led nightly activity.

Quiet Hours and Curfew: The curfew for being back in the dorms each night is 9:30 pm. Quiet hours will be from 10:30 pm until 6:00 am each day, during which students will be expected to be in their rooms. At 6:30 am students will be allowed to leave the dorms (with a buddy) for breakfast, morning exercise, etc.

Outside Visitors: No outside visitors will be allowed in the dorms at any time during the program. This includes family and friends.

Campus Conduct: Students are expected to be quiet and courteous while walking through buildings and lecture halls since university faculty and students will be conducting Summer Session classes for the duration of our program.

See you on July 7, 2019!!!