

Dear Young Scholars Participants:

Thank you for responding to the invitation to participate in the Young Scholars Program. As the arrival date approaches, many of you have called or emailed with further questions about the program. The Young Scholars Program is entering its 51st year. As participants, you will join over 2000 other young people who have had an opportunity to study and work at UC Davis pursuing research in university research laboratories. This experience is much different than the types of activities you may have conducted in your science classes at school. During the first two weeks of the program, you will attend a morning lecture series on current developments and research in the biological and natural sciences. An exam covering the material in the lecture series will be given during the third week. You will participate in a variety of educational/recreational trips on weekends. Lastly, you will conduct original research in your laboratories for the entire six weeks of the program. At the end of the program, you will write a journal quality article (with instruction and assistance from your researchers and program staff) describing the research project and the results. Findings will be presented in a research symposium on the last Thursday or Friday of the program, July 31st and August 1st (parents are encouraged to attend).

Upon returning home, you are expected to present your research project and experiences to at least one class at your school, ideally, in the class of the teacher who recommended you for the program.

In preparation for the program, I have enclosed several items. Some of you did not know your specific travel plans at the time you sent in your acceptance forms. Please email the final travel details as soon as they are confirmed. For those arriving by air, bus or train, please be sure to provide the name of the carrier, the flight number and the arrival time. Please note, that registration begins at 2pm on Sunday June 22nd in the lounge of Campo Hall in the Regan/Segundo housing area. There will be an orientation meeting at 4:30pm where parents and family can meet the staff, see a slide show about the program, and ask any remaining questions. To simplify a busy schedule on the evening of June 22nd, your parents may join you for dinner in the dining commons. Costs for non-participant dinners is about \$17. After dinner the scholars will meet with staff at 7:30pm for opening night orientation. This meeting is not open to parents. Please make your travel and arrival plans to insure adequate move-in time before the 4:30pm orientation meeting. I have included interactive links on the directions pages for your assistance.

Lastly, several of you have asked about what to bring. I have attempted to provide answers in this letter. If you have any additional questions, please feel free to call or contact me by e-mail irpomeroy@ucdavis.edu.

Sincerely,

J. Richard Pomerov

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Director, UCD-Young Scholars Program

Answers to Common Questions

How are research placements determined?

• This is a multi-step process that began when you completed your initial application. Based on your application and your responses on the Research Interest Form, the UCD-YSP staff in collaboration with some researchers, will assign you to a research project that we feel best fits your interests. In order to do this efficiently, it is important that you have followed the directions on the Research Interest Form and provide a ranking for all of the research areas listed. If you have only provided 5 responses or you have narrowly limited your areas of interest, it is harder to assign placements. In every case, the staff will work to make the best match possible. You will receive information about your research placement at the orientation in the evening of the first night of the program. Once placed, your staff associate will work with you and the researcher to provide the best possible experience. You will be introduced to your lab mentors on the first Monday afternoon. During the first two weeks of the program, you will work in the labs in the afternoons. For the remaining four weeks, you will work in your lab all day.

Will I have time to take other classes on campus or complete summer work for AP classes?

• Please understand that the primary purpose for your participation in this program is to do research. For this reason, there is no time during the day for other classes or responsibilities. There is ample free time in the late afternoons, evenings, and on weekends to practice your instrument, do required reading, or to work out, but the majority of the time during the day is devoted to your research labs. If you have special needs for work other than that involved with the UCD – YSP, please be sure to communicate that with your staff associate.

Should I bring a personal computer with me?

• Many Scholars in the past have found it advantageous to bring their home computers for use when writing their research papers, however, this is up to the personal preference of the student. Computers are available in the research labs. If you wish to bring your own, it can be secured in your room by using a locking cable system and or by locking the door each time you leave. Of course, your roommate will also need to agree to do that. The program will provide several Macintosh computers for your use in a dorm computer lab.

How is my roommate determined and what should I bring for my room?

• Students will be assigned to their rooms by program staff. To enrich your experience, roommates will be matched based on your responses on the information form. Curfew times on weeknights (Sunday – Thursday) require participants to be in the building at 10pm and in rooms at 11pm. On weekends (Friday and Saturday) participants are to be in the building by 11pm and in their rooms by midnight. You are encouraged to bring items to personalize your room. These might include posters, radios, etc. Linens including towels are provided, however, you might want your own pillow and beach/bath towels. There are twin-sized beds. Students should have a dependable watch, alarm clock, or cell phone with alarm. Please bring some memorabilia from your high school to decorate your door or room. Since no student will be housed with another student from their school each participant should bring their own supplies. We also suggest that you bring a new T-shirt or hat from your school or hometown to trade with your roommate.

What other supplies should I bring?

• A list generated from past Scholars includes a bicycle, bike helmet, U type bike lock with an extra cable, school supplies, USB Thumb/Flash drives, alarm clock, paper, laundry supplies, hangers, cameras, etc. **You do not need to bring quarters for laundry**. At check-in you will be given a laundry card you can load with cash or an ATM card. Additional supplies are available at the UC Bookstore or local markets. Each researcher will suggest the types of research notebook that you should use.

How much money should I bring?

• This is a difficult question to answer. Students will want some spending money for doing laundry, purchasing personal items and snacks or drinks during the weekend field trips (we usually stop at a fast food type restaurant on each trip to break up the drive, however, students will have the opportunity to pack a lunch from the dining commons for any meal that occurs while we are on the field trips). In addition, students will need some money for supplies as described above, occasional trips to local movies, etc. Generally, past scholars have suggested a range of \$200-\$250 but this amount is entirely up to you. For students lacking the financial resources for school supplies, arrangements will be made with counselors to obtain what is needed. All major ATMs are available on campus or in downtown Davis.

What campus recreation facilities do I have access to?

• As participants in UCD-YSP, students will have access to the University Libraries, Recreation Swimming Pool, and Recreation Hall.

Do I need a bike?

• You will need to have a bicycle. Davis is spread out and flat and is considered to be a very bike friendly town. In addition, some research placements will be on the outer campus away from the core campus but a short bike ride from the dorms. There are bike lanes throughout the campus, town and surrounding countryside. When considering what bike to bring, I recommend that it not be your expensive custom designed mountain bike, but rather a simple transportation bike. Remember to bring-a-strong-U-type-lock-with-an-extension-cable-and-a-helmet, as well as front and rear lights. If you want to rent a bike, the Bike Barn on campus claims to have an ample supply of bikes (if reserved with your initial data package). Rental cost for the six weeks is about \$150 including tax. You will need to provide your own helmet. These payments must be in cash or check made out to UCD-YSP. Helmets are required for any riders under 18 years of age in California. We recommend that you purchase your helmet at home and bring it with you however there are stores in town where helmets can be purchased.

Where will the weekend outings be?

• Weekend outings have been arranged each week. These tentatively include an overnight trip to Donner area (accommodations and meals will be provided by the Sierra Club Lodge), and trips to Bodega Marine Lab, Lake Tahoe, Monterey and San Francisco. Participants are expected to participate in these experiences.

What should I bring for our overnight trip?

• One weekend excursion is an overnight trip to Donner Summit. Though we will be sleeping in the Sierra Club dormitory, you will need a sleeping bag, a flashlight, warm clothing, and a good pair of sturdy hiking shoes. If you do not own a sleeping bag, please let your counselor know when you arrive so that arrangements can be made to rent one for you.

Should I bring a camera?

• There are always plenty of photo opportunities throughout the program and participants are encouraged to bring inexpensive cameras or cell phones to record these. Prior to the end of the program the staff will assemble a slide presentation recounting the highlights of the six weeks to be shown the last night of the program.

Can I bring and use my cell phone?

• Many students ask about the use of cell phones. We understand that cell phones and text messaging have become a normal method of communication today. If you bring a cell phone, please be aware that during lab time and lecture time, cell phone use, in any form, other than for emergencies is discouraged. It is inappropriate and rude to presenters and coworkers to have cell phones ringing or students texting during lectures or the research hours. Program staff will have a cell phone in case parents or campus officials need to reach a student in an emergency. **That number is (530) 574-0289.**

What kind of clothing do I need to bring?

• Students are encouraged to bring comfortable clothing for work in the labs. Generally, open toed shoes and sleeveless shirts and blouses are not appropriate for lab work (in some cases absolutely not allowed) but are entirely appropriate for non-lab times. The weather in Davis in the summer is warm to hot and students should be prepared. Students should also bring one nice, dressy, outfit for the research symposium on the last days of the program. This is a time when parents, researchers, staff and members of the campus community will want to come and hear about the work of the students. Typically the boys wear shirts with ties, no coats required, and the girls wear skirts or dresses.

Can my parents come visit me?

• Visits are encouraged. We ask that the parent complete and sign a release form each time they choose to take their son or daughter off campus. These are available from the counselors and on the UCD-YSP website. We will not release a scholar to non-parental friends without written notification at least 24 hours prior to departure. The weekend field trips are planned as part of the academic portion of the program. At least three of them will showcase non-university or off campus research opportunities. Students are expected to participate in these trips. In consideration of this focus of the trips, we encourage parent visits on Sundays, if at all possible. Special arrangements can be made for special family events such as weddings etc. Please notify program staff of any such needs prior to the beginning of the program. In addition, some parents have asked if

their sons or daughters can come home on weekends. The program staff strongly encourages students to remain on campus as many nights as possible. We suggest that you view this experience as being away at college for a semester. Learning to develop new friends and finding new activities on weekends is an important transition skill that will help students during their first year away at college. If a student wants to go home on a weekend, they should arrange to be picked up after the conclusion of the field trip. This is typically between 7 and 9 PM depending on the trip.

What events are planned for the 4th of July?

• All labs will be closed that day. Students who wish to go home for the 4th of July should make plans to leave <u>no earlier</u> than the end of the research day on July 3rd. All participants must be back in time for our weekend field trip departure on July 5th at 8:00 AM . It is VERY important that you communicate all plans with your counselor, especially if you will not be returning to the dorms the night of the 4th. If you plan to leave over the 4th of July, please be sure to let the director know on the first day of the program. All housing and dining services will be available over the holiday and the YSP Staff will be on duty. We will be attending the city of Davis fireworks display and organizing activities during the day.

Will there be internet and phone access in my dorm room?

• Phones and internet access is not normally provided for summer program participants in their dorm rooms. You will have Internet access on campus, in your labs and we will provide online access in the dorm computer lab and lounge. On the first day of the program, a list of emergency phone numbers will be distributed to parents. If parents are not present on opening day, we will post this information on our website. The YSP Cell phone number is (530) 574-0289

What should I bring for outdoor activities?

• Many of the activities for the UCD-YSP will be out of doors in the evenings and on weekends. We highly recommend that students have an ample supply of sunscreen and insect repellant available to them as well as a hat for weekend outings. If you are particularly susceptible to environmental allergens such as pollen, please bring your normal allergy medicines. If you are allergic to bee stings, please be sure to bring any prescribed supplies and contact the staff so that we can be prepared in case of emergency.

Can I bring my musical instruments?

• A talent show, for program participants only, is scheduled for the last night of the program. Participants are encouraged to bring their musical instruments, talents, and unique entertainment ideas to create the best show possible. In the past students have also found it fun to play music with others in the program, resulting in some very unique and talented musical ensembles.

What happens if I get sick or injured?

• In case of injury or illness, participants will be seen at either the Campus Health Center or the Sutter Memorial Hospital Urgent Care Clinic or Emergency Room depending on the time of day and the nature of the injury or illness. A member of the UCD-YSP staff will accompany the participant in any of these situations. When a participant is seen at any one of these facilities, it is their policy to require payment for services. These payments are the parent's responsibilities. For this reason, please be sure to provide the benefits card or verification of insurance by June 22nd. This year, we will be providing emergency medical insurance that will meet these initial costs. In many cases, this is much less costly and less disruptive than having to take a student home to see their family physician for the routine medical issues such as colds/illness or minor injuries commonly associated with active teenagers. Please notify the staff of any pre-existing illnesses or injuries on the first day of the program, including current treatments or medications.

Can I ride in a car?

• Students are not allowed to use or ride in private cars (unless accompanied by their own parents or staff) for the duration of the program. Failure to comply with this requirement will result in dismissal from the program. Occasionally, research will require students to travel to field sites to collect specimens or data. In these cases, staff will notify parents about any travel away from campus. A staff member will accompany any student on extended trips.

What might cause someone to be dismissed from the program?

• Participants are expected to conduct themself in a responsible way. Consequently, they are expected to abide by all rules and regulations established by the UCD Conference Housing Office and the UCD-YSP Staff. Copies of these rules will be available at check in. You should review these rules prior to or during the 7:30 orientation on June 22nd. The use of alcohol, or controlled substances is prohibited and will result in immediate dismissal from the program. Smoking is no longer allowed on the UC Davis campus. Further more,

to insure the safety and privacy of all members of the program, guests, other than immediate family members, are only allowed in the lounge area of the dormitory. During the day and evening, we adhere to an open floor policy for participants allowing boys and girls on either floor of the dorm. When students of different genders are in any room together, the door to that room must be fully open. Failure to adhere to these expectations will result in dismissal from the program. No intimate behavior is allowed. Repeated or willful violation of rules and expectations, open defiance, disrespect to staff, faculty, or other participants or willful destruction of University property will result in removal from the program with a grade of No Work Submitted and no refund.

Can I receive letters or packages?

To mail a letter or package to a UCD-YSP participant between June 24 and August 4, address it as shown below:

Participant's Name UC Davis Young Scholars Program Campo Hall 575 Regan Hall Circle Davis, CA 95616-5208

If you need to reach one of the staff members between June 22 and August 2, the YSP cell phone number is: (530) 574-0289

Directions to Campo Hall where you will be checking in on Sunday, June 22nd between 2:00-4:00pm

For an interactive map, go to http://campusmap.ucdavis.edu or

From Sacramento and areas east of Davis.
Take Interstate 80 West towards Davis
DO NOT TAKE THE UC DAVIS OFF RAMP
Take State Route 113 North
THEN FOLLOW DIRECTIONS BELOW

From San Francisco and areas west of Davis
Take Interstate 80 east towards Davis
Take State Route 113 North
THEN FOLLOW DIRECTIONS BELOW

From the North
Take I-5 South to State Route 113
Take State Route 113 South
THEN FOLLOW DIRECTIONS BELOW

From Fresno or areas South of Davis
Take I-5 or Highway 99 north to Sacramento
Take I-80 west towards San Francisco
DO NOT TAKE THE UC DAVIS OFF RAMP
Take State Route 113 North
THEN FOLLOW DIRECTIONS BELOW

FROM STATE ROUTE 113

Exit at the Russell Boulevard off ramp

Turn right towards campus if you are coming from the South / Turn Left if you are coming from the North Go straight on Russell Blvd

Turn Right onto campus at California Avenue (The first street past La Rue Road)

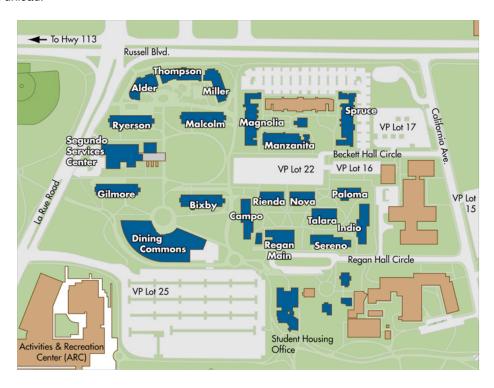
Turn Right onto Beckett Hall Circle, continue PAST Parking Lot 17

Bear Left into Visitor Parking Lot 22

Follow Signs to YSP Check-In

The Regan housing area is directly south of the parking lot. From the parking lot you will walk past the Rienda building, and across the central courtyard toward Campo Hall. The Campo Hall is the two-story building just West of the Regan Main building.

*Alternatively, you can continue on California Avenue and turn Right onto Regan Hall Circle. The Campo Hall building is immediately Northwest of this circle. Please note, though, there are only a handful of parking spots here and you will NOT be able to leave your car unattended while you unload.



Program Schedule as of 6/17/14

June 22 June 23 June 24-27 June 28 June 29	Move in, Parent Orientation, Participant Orientation Program Orientation, Lab Safety Orientation, Introduction to Labs Morning Lecture Series & Afternoon research Field Trip: Monterey Bay Aquarium Free day
June 30-July July 4 July 5-6	3Morning Lecture Series & Afternoon research Campus Holiday – Students may go home for the Fourth of July if they choose but they need to be back by building curfew on Friday night. Activities will be planned for those on campus Field Trip: Overnight to Donner Summit/Sierra Gateway Education Center
July 7-11 July 7 July 8 July 10 July 12 July 13	Research all day Test review session (6:30pm) Lecture Exam (6:30pm) Research Prospectus Poster Presentations (6:30pm) Field Trip: Bodega Marine Lab Research Center Parent's Weekend Free Day
July 14-18* July 19 July 20	Research all day Field trip: Exploratorium and San Francisco Free Day
July 21-25* July 26 July 27	Research all day Field trip: Tahoe Environmental Research Center & Kings Beach Free Day
July 28-30* July 30 July 30 July 31 August 1 August 1 August 2	Research all day Researcher Appreciation BBQ Symposium presentation practice in the evening Research Symposium all Day Research Symposium all Day Talent Show and Closing Ceremony (Students only) Move out of dorm by noon

^{*}Some evening events will be scheduled on Tuesday and Thursday as needed