April 18, 2016

Dear Students,

Welcome to the UC Berkeley College of Engineering! We are delighted you are part of our Girls in Engineering program. Berkeley Engineering has a proud tradition of excellence, and we are pleased that you are now a part of our Berkeley family. This program is designed to give you an overview of the tremendous ability engineering has to advance society and effect positive change for the public good. Taught by UC Berkeley faculty, staff and students, this program offers the opportunity to work in teams and learn through hands-on activities about many types of engineering—from computer coding to building robots. We hope you make long-lasting connections with your fellow campers, mentors, and professors and catch some of the Golden Bear spirit while you are here on campus.

Included in this Welcome Packet is important information about the program. Please review this information carefully and then have your parent or guardian complete the online registration form by May 7, 2016. If you have any questions, or need additional information about the program, please contact Lizzie Hager-Barnard at gie@berkeley.edu or 510-643-0694.

You are our future leaders and innovators, and we can’t wait to introduce to you the variety of activities we offer here in the College of Engineering. We hope you will be inspired to pursue a rewarding course of study in engineering, math, or science as you advance in your academic and career goals.

We look forward to meeting you on Monday, June 20!

Warmest regards, and Go Bears!

Lizzie Hager-Barnard  
Program Director,  
UC Berkeley: Girls in Engineering

Claire Tomlin  
Faculty Director,  
UC Berkeley: Girls in Engineering

S. Shankar Sastry  
Dean, College of Engineering
Bus schedule and drop-off/pick-up information for June 20-24, 2016

The Girls in Engineering program has arranged for bus transportation to and from campus, as well as for our field trip. Each bus will have a Berkeley Engineering staff chaperone that will check the girls in upon arrival, accompany them on the bus, and check them out at the end of the day. Program staff will be wearing a “Girls in Engineering” shirt and will have UC Berkeley staff IDs. Please arrive early so that everyone can get checked in and adhere to the packed schedule of activities.

When completing the registration form, please indicate which bus location you plan to have your child use, or if you will be electing to pick up and drop off your child on campus. Due to space constraints, parents and guardians will not be able to attend or participate in the education modules or field trips.

**PROGRAM PICK UP/DROP OFF:**

**Pick up/drop off locations:**

- **Bus 1 Location:** Mira Vista Elementary, 6397 Hazel Ave., Richmond, CA 94805
- **Bus 2**
  - Location A: La Escuelita Elementary, 1050 2nd Ave., Oakland, CA 94606
  - Location B: Anna Yates Elementary, 1070 41st St., Emeryville, CA 94608
- **UC Berkeley Campus:** Hearst Memorial Mining Building, (North side of Hearst Mining Circle, near the East Gate campus entrance)

**Bus schedule:**

- **Bus #1:**
  - **Morning:** The bus will arrive at Mira Vista at 7:00am each day and will depart promptly at 7:30 a.m., arriving at UC Berkeley at 8:00 – 8:15 a.m.
  - **Afternoon:** The bus will depart UC Berkeley at 4:00 – 4:15 p.m., arriving at Mira Vista at 4:45 – 5:00 p.m.

- **Bus #2:**
  - **Morning:**
    - The bus will arrive at La Escuelita at 7:00 a.m. each day and will depart promptly at 7:30 a.m.
    - The bus will continue on, arriving at Anna Yates at approximately 7:45am. Girls who will be boarding the bus at Anna Yates should be ready to board the bus at 7:40 am. The bus will then continue on to UC Berkeley, arriving at 8:00 – 8:15 a.m.
  - **Afternoon:**
    - The bus will depart the campus at 4:00 – 4:15 p.m., arriving at Anna Yates at 4:30-4:40 p.m.
    - The bus will continue on to La Escuelita elementary, arriving at La Escuelita at 4:50 – 5:05 p.m.
Bus schedule and drop-off/pick-up information (continued)

Campus drop-off/pick-up
Program staff will be available to check your child in and out at the campus location listed above from 8:00 – 8:15 am each morning and from 4:15 – 4:30 p.m. each afternoon.

As described above, the campus drop-off / pick-up location is the North side of the Hearst Mining Circle. The red drop-pin in the map on the left shows this location. (Google map link: https://goo.gl/maps/vJWECgV7DGP2)

If you arrive early to campus and wish to park, the closest public parking is on Gayley Road. More information about public parking at UC Berkeley can be found at http://pt.berkeley.edu/parking/visitor

Field trip transportation
On Thursday, June 23rd, we will take a field trip to PLANT PV in Alameda. We will depart for the field trip after breakfast and will return to the Berkeley campus around lunch time.

Carpooling list
When you complete the online GiE registration form, you will have the option of joining our carpooling list. This list will be posted on a password-protected website. If you choose to join this list, your daughter’s camp session and your transportation method will automatically be posted. No contact information will be posted unless you tell us to. So, for example, you could choose to post your e-mail address and zip code. Alternatively, you could choose to only post your phone number.
# Camp Schedule

The camp schedule is shown below. Please note, this schedule has not been finalized and some scheduled activities may change. Most camp activities will occur in 100 Blum Hall, but we will also visit other campus locations.

<table>
<thead>
<tr>
<th>Jacobs Day</th>
<th>Computer Science Day</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MONDAY</strong></td>
<td><strong>TUESDAY</strong></td>
</tr>
<tr>
<td>7:30 AM</td>
<td>Depart Mira Vista (Bus 1)</td>
</tr>
<tr>
<td></td>
<td>Depart La Escuelita (Bus 2)</td>
</tr>
<tr>
<td>7:45 AM</td>
<td>Bus #2 stops at Anna Yates</td>
</tr>
<tr>
<td>8:00 – 8:15 AM</td>
<td>Campus drop-off</td>
</tr>
<tr>
<td>8:15 – 9:00 AM</td>
<td>Breakfast</td>
</tr>
<tr>
<td><strong>MONDAY</strong></td>
<td><strong>TUESDAY</strong></td>
</tr>
<tr>
<td>9:00 – 9:15 AM</td>
<td>Welcome &amp; Introduction: What is Engineering?</td>
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<tr>
<td></td>
<td>9:15 AM – 10:00 AM</td>
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<tr>
<td>10:00 – 10:30 AM</td>
<td>Team Project Workshop</td>
</tr>
<tr>
<td>10:30 – 11:00 AM</td>
<td>Snacks and break</td>
</tr>
<tr>
<td>11:00 AM – 12:00 PM</td>
<td>To Be Determined</td>
</tr>
<tr>
<td>12:00 – 12:15 PM</td>
<td>Transfer to lunch</td>
</tr>
<tr>
<td>12:15 – 12:30 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>12:30 – 1:45 PM</td>
<td>Transfer to afternoon session</td>
</tr>
<tr>
<td>1:45 – 2:00 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td><strong>Tours &amp; Laboratory Experiences</strong></td>
<td><strong>Lab Tour &amp; Workshop: Robotics</strong></td>
</tr>
<tr>
<td>2:00 – 3:45 PM</td>
<td>Team Presentations &amp; GiE Celebration <strong>Banatao Auditorium, Sutardja Dai</strong></td>
</tr>
<tr>
<td>3:45 – 4:15 PM</td>
<td>Wrap-up</td>
</tr>
<tr>
<td>4:15 – 4:30 PM</td>
<td>Buses Depart Campus pick-up</td>
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</table>
Please save the date for the Girls in Engineering Team Presentations and Celebration! Family and friends of our Girls in Engineering program are invited to join us for this fun event on Friday, June 24th, from 2 to 4 p.m. This event will take place on the UC Berkeley campus and free, reserved parking will be available. When completing your registration form, please indicate whether you plan to attend and whether you would like reserved parking. We hope that you will be able to attend!

If you have any questions, please contact Lizzie Hager-Barnard at gie@berkeley.edu or 510-643-0694.
Menu

We will serve breakfast, a morning snack, and lunch each day. Example meals are shown below:

**Breakfast**
- Assorted sliced bagels served with cream cheese, butter & fruit jam
- Fresh fruit salad
- Orange juice & milk

**Morning snack**
- Selection of items, such as: string cheese, granola bars and pretzels

**Lunch:**
- Deli sandwiches (vegetarian option available)

When completing your registration form:

- Please let us know if your daughter would like vegetarian options
- Please let us know if your daughter has any food allergies.

**Important information regarding food allergies:**

We cannot guarantee that menu items food products do not contain trace amounts of peanuts, gluten, eggs, dairy, seafood or other allergens, because peanuts or these other allergens may come into contact with these food products during the production or manufacturing processes.

If your child has food allergies, please contact Lizzie Hager-Barnard (gie@berkeley.edu or 510-643-0694) to discuss available options. If you choose to provide food for your child it can be refrigerated, if necessary, and made available to them. If you plan to send your daughter with food, please let us know.
What to bring and wear

What should I bring?

- **Excitement** to learn, an open mind, a **great attitude** and a **desire** to make new friends.
- Any necessary personal items or medications.
- We usually eat snack and lunch outside, weather permitting. We try to choose locations that include a shady area, but you might like to wear **sunscreen** or bring sunscreen and/or a **hat**.

What not to bring?

- Personal electronics (laptops, tablets, iPods, etc.). **Cell phones are OK, but must turned-off and stored during class.**
- There are no lockers to store personal items, so be sure to keep items of value with you at all times.
- We will provide you with a binder, paper, pencils, and a water bottle

What should I wear?

- Please wear **closed toed shoes** and **long pants** each day, as these are required when visiting certain locations at UC Berkeley. **Please do not wear shorts, skirts, or dresses.**
- Upon check-in you will be given two “Girls in Engineering” t-shirts to wear to camp every day.
- UC Berkeley is a large campus, so you will do a lot of walking—**wear comfortable shoes.**
- As mentioned above, we spend time outdoors, so you might consider wearing **sunscreen** or bringing sunscreen and/or a **hat**.

(We are not responsible for lost or damaged items, including all electronics)
Online registration form

Once you have reviewed all of the information in this packet, please complete the online registration form. The link for this form is: https://berkeleygie.wufoo.com/forms/r2psi5y1kl42q9/

Since the registration form cannot be saved and completed later, we encourage you to have the following information ready before you start completing the form. The online form will ask you:

- For the contact information for an Emergency Contact (this person cannot be one of your daughter’s parents or guardians)
- For your transportation plans (whether your daughter will ride a bus to/from camp)
- If you want to join the password-protected carpooling list
- Whether your daughter wants a vegetarian option at breakfast and lunch
- Whether you wish to disclose medical information about your daughter that is relevant for her experience during camp
  - If your daughter has any food allergies, this is where you will report them
  - If you would like to disclose any medical/physical/emotional/behavioral conditions that your daughter has, that may affect her experience at camp, please answer “Yes” to the medical information question
- Whether you plan to attend the Team Presentations and Celebration, and whether you want us to reserve a free parking spot for you

Note about medical information:

We are using CampDoc.com, the leading electronic health and record system for camps, to collect medical information. CampDoc.com is also used by the Cal Camps & Youth Programs as well as a variety of other organizations, like the YMCA. Only our program staff will have access to your daughter’s health information, and the CampDoc.com site is secure, encrypted and password protected.

When completing the online registration form, you will be asked whether there is medical information you want to report. If you respond “Yes,” you will receive an e-mail from CampDoc.com with directions on how to complete your daughter’s medical information.

If you have any questions, please contact Lizzie Hager-Barnard at gie@berkeley.edu or 510-643-0694.
GiE 2016 Sponsors

We’d like to thank all of our wonderful sponsors and field trip providers! Our program would not be possible without them.