SACNAS at UCLA Chapter

- Scientists at different levels participate in outreach activities.
- Los Angeles demographic allows our chapter the opportunity to host outreach. Events serve the local community.
  - Title I schools
- Aim to have at least 1 outreach event per quarter.
Outreach by the Numbers

- 10 outreach events
- Over 90 volunteers

Total: Over 2,000 Students

- 50 Undergrads
- 57 Community College Students
- 1,042 K-14 Students
Attendees- 8th grade students (~100)

Goal: Expose student to hands on science modules and career paths and increase interest in STEM.
- Interactive presentation
- Demos
- Sense of accomplishment through hands on guided experiments.
- Expose students to scientific careers
  ○ Specific examples of careers - relate directly to the modules
Planning an Outreach Activity

- Opportunity to build community and for general members to be involved.
- Specific roles assigned to committee members.
- Set up a timeline for each event with deadlines.
- Find out volunteer availability and schedule shifts.
- Troubleshoot science modules before event.
Planning a Big Event - Outreach Committee Meetings

- What is this?
  - Meeting with general body members & outreach coordinators
  - Develop and test with new science modules

- At least 2 weeks before the event:
  - Train volunteers
  - Buy materials
Planning a Big Event - Outreach Committee Meetings

Make an agenda for the meetings

March 9, 2020
Location of Meeting: IPAM
Sun Valley Training & Planning

Agenda:
1. Introductions: Name + grad or undergrad? + Happies and Crappies
2. Sun Valley Outreach Event
   a. Event Details:
      i. Date: Monday, March 30th, 2020 (First day of Spring Quarter)
      ii. Time: 8:00am - 3:00pm
      iii. Location: Pauley Pavilion Club
      1. Will send out directions to the club closer to the event.
   b. Audience: 8th grade students
   c. Schedule of the Day:
      1. Set up: 8:00am - 9:45am
      2. Students Arrive at UCLA: 9:45am
      3. Student Welcome: 10:00am - 10:15am
      4. Session #1: 10:15am - 10:45am
         a. Roller Coaster Physics:
         b. Water Electrolysis:
         c. Panel: Sarahi
      5. Session #2: 10:45 - 11:15am
         a. Roller Coaster Physics:
         b. Water Electrolysis:
         c. Panel: Sarahi
      d. CNS: -- None Topics
      6. Lunch: 11:15 - 11:45
         a. Is SACSAS providing Lunch for Volunteers?
            i. Will update next week if SACSAS is providing lunch for volunteers
         b. Students are bringing their own lunch from the school
      7. Session #3: 12:00pm - 12:30pm
         a. Roller Coaster Physics:
         b. Water Electrolysis:
         c. Panel:
Planning a Big Event - Outreach Committee Meetings

**Make an agenda for the meetings**

**Map out the day of - stay organized**

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**Agenda:**

1. **Introduction:** Name + grad or undergrad? + Happies and Crappies
2. **Sun Valley Outreach Event**
   a. **Event Details:**
      i. **Date:** Monday, March 30th, 2020 (First day of Spring Quarter)
      ii. **Time:** 9:00am - 3:00pm
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         4. **Session #1:** 10:15am - 10:45am
            a. Roller Coaster Physics:
            b. Water Electrolysis:
            c. Panel: Sarah
            d. **CS20:** Nano Topics
         5. **Session #2:** 10:45 - 11:15am
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            a. Is SACSNAS providing Lunch for Volunteers?
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Outreach feedback is important!

My favorite science activity was the water pressure because we can see how some waves are high and low as time passes on.

I liked the nerf gun activity because we learned about gravity.

I liked the visual illusions activity because I like learning about the eye and how it works.

My favorite module was the chromatography one because it made me interested in the career of a forensic scientist.

The part where we had to find where are blind part of my eye was because I did not know that my eyes had a blind spot.
Adapting to a virtual environment
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