Girls in STEM Week 8 Meeting

Online Summer Camp Infosession

01 GENERAL REMINDERS

-Board/Intern Applications
-Deadlines
-Plans for next week's meeting

02 MENTOR UPDATES

-Mentorship commencements
-FAQ about mentor/intern coordinator position

03 CAMP LOGISTICS

-Tentative dates/duration
-Curriculum

04 ENDING NOTES

-Q&A about meeting material

01 GENERAL REMINDERS

Board/Intern Applications Deadlines

GENERAL REMINDERS

- Board and Intern Applications are DUE TODAY at 11:59 PM
  - Board Application: https://forms.gle/rNHnzVWivbhj2MwA7
  - Intern Application: https://forms.gle/ei1qLPRHT7ZtyL9JA
- Join us next week, for our last meeting of the quarter
  - Ending notes
  - General overview of spring quarter plans
  - Small social with games

02

MENTOR UPDATES

Mentorship commencements
FAQ about mentor/intern coordinator position

MENTORSHIP UPDATES

- Mentorships will be starting next quarter
- If you are available to be mentor, please fill out this interest form:
  - https://forms.gle/ufk6EVWC8f58KoY56
- Make sure to check your emails and Discord to stay updated

MENTORSHIP OPPORTUNITIES

- Sneak Peaks of what's to come:
  - Virtual group meeting with mentees
    - Play games
    - Present interesting topics in STEM
    - Provide an academic support system
  - Make a difference in someone's life by providing:
    - Advice on courses/extracurriculars
    - Guidance on college applications
    - Financial/academic/well-being resources
- An easier segway into the summer camp

Mentorship Spring Quarter

TIMELINE

spring break
3/21 - 3/27
Mentors have access to Training

week 1
3/28 - 4/3
Welcome back meeting:
Outline plans

week 2
4/4 - 4/10
Mandatory mentor meeting
Deadline for mentor online mentor completion

week 3
4/11 - 4/17
Mentee/Mentor meetings

week 4
4/18 - 4/24
Mentee/Mentor meetings

week 5
54/25 - 5/1
Mentee/Mentor meetings

week 6
5/2 - 5/8
Mentee/Mentor meetings

week 7-10
5/9 - 6/4 Mentee/Mentor meetings

Home
sites.uci.edu

For more details, visit sites.https://sites.uci.edu/girlsinstem/

Frequently Asked Questions (FAQs)

What is the difference between mentor coordinator vs. intern coordinator?

The positions are similar and the two positions often work together, however, mentor recruitment focuses on promoting our general membership and focuses more on the individuals interested in cultivating that mentor and mentee bond. Intern recruitment focuses on promoting our internship position and focuses on individuals who are interested in pursuing a board position in the future.

Frequently Asked Questions (FAQs)

- **Q: What are the time commitments for mentor coordinator and intern coordinator?**
  - A: The time commitment will shift as we (hopefully) transition from remote operations to in-person courses. During remote operations, the main time commitments would be for the coordinators to attend board meetings and work on producing content that can promote our club via social media. In-person operations are not known at this time, as we find out more information about campus operations next fall.

Frequently Asked Questions (FAQs)

Q: Can’t I just directly apply for the board membership instead of an intern position?

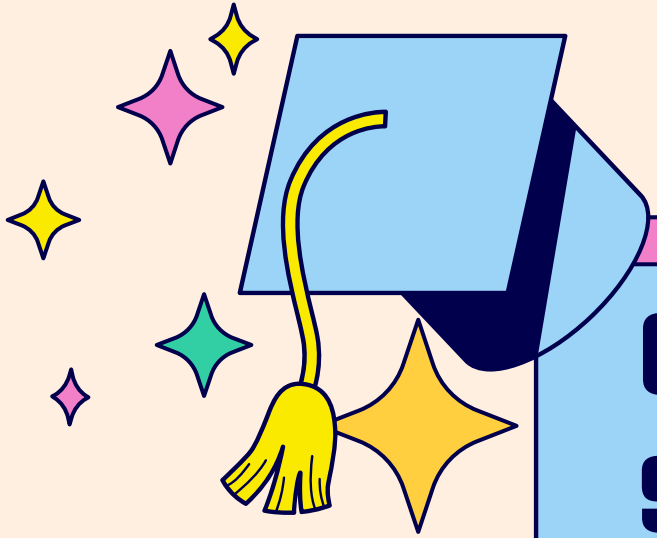
A: You can! But we also like to have an mentor and intern coordinator intern position so that individuals who are interested in becoming board members can become familiar with the tasks required to eventually transition to board rather than jumping right in. This might help members develop leadership skills while still having some guidance as they gain more insight.

Questions?

If you have any remaining questions, please feel free to type them into the chat or feel free to unmute yourself and ask us directly!

Personal Anecdotes

Previous Mentor & Intern Coordinators' Experiences



03 SUMMER CAMP

Tentative dates/duration
Curriculum

WHAT IS IT?

We want to provide an interactive and relatable summer program that's accessible and free for students interested in STEM.

- Courses are taught by undergraduate students who...
  - Are passionate about their field
  - Can create content/material that's easily digestible and engaging to younger students
  - Want to develop their leadership/teaching skills
- Connecting to SoCal schools in underserved communities not typically exposed to STEM opportunities

SUMMER COURSE GOALS

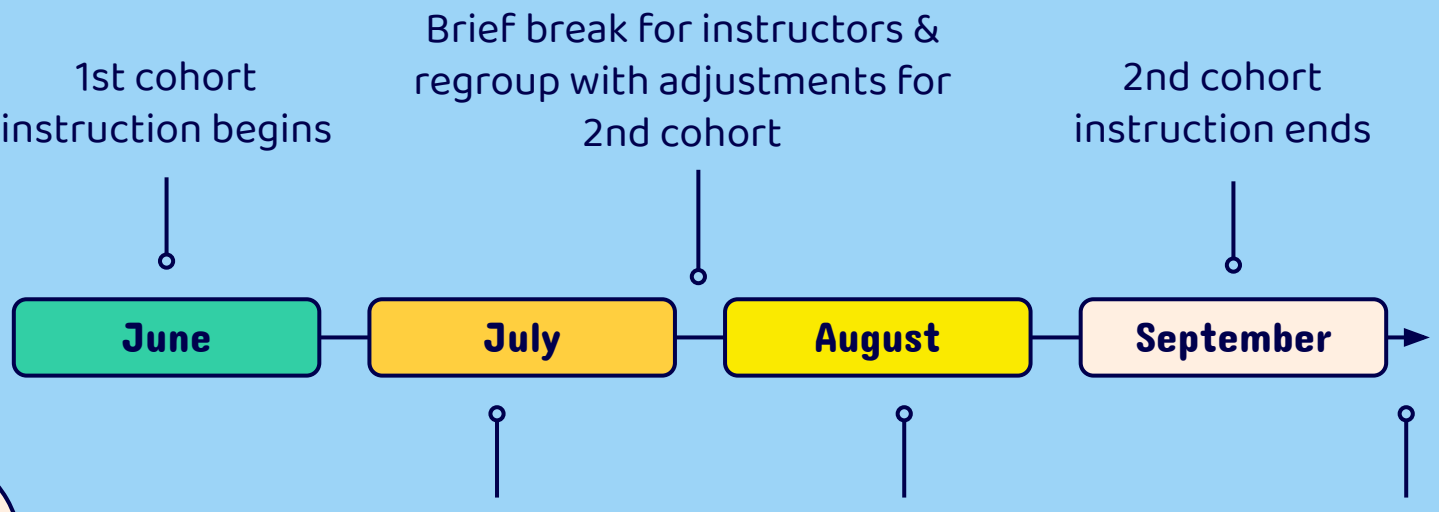
- Course Objectives
  - Social engagement and building relationships in the cohort
    - Originally created with the pandemic/online learning in mind
    - Incorporated icebreakers - team-based challenges/activities
      - Jeopardy/Kahoot
  - Retention of students throughout STEM camp
    - Making STEM cool and fun - demos & themed-lectures around a topic
      - Ex. baking bread, cooking food using solar cooker, creating a model city with electricity via circuits, making a mobile app, looking at water samples... countless options!
  - Encouraging message & educating students about getting into STEM
    - College-bound mission
    - Career Cafe - OHs to talk about class material in-depth or starting a journey into STEM

COURSE LOGISTICS

- Restricted to summer only
  - Mid-June → Mid-Sep ***
- Zoom lecture meetings once per week
  - Establishes a recurring schedule for guardians to account for
  - Based on instructor availability
  - May add another session in the week if there's positive reception towards a specific subject
- Will cover 4 disciplines within a month (4 weeks) for one cohort
  - One aspect of STEM per week for 4 weeks
  - Ie. Week 1 is Science, Week 2 is Technology, Week 3 is Engineering, Week 4 is Mathematics
  - Week 5, 6, 7, 8 will be a repeat with the 2nd cohort
- Not competency-based, so relies on audience interest
  - Fixed cohort
  - Create a beta test session and track attendance + engagement (1st cohort)

*** Each school district differs in summer breaks during academic year, find the median

SAMPLE TIMELINE



TYPICAL CONCEPTS PER GRADE LEVEL

SCIENCE

- Elementary - Basic ideas of earth science (plants, sun, geology, etc)
- Middle - Biology (mitochondria is the powerhouse of the cell), life sciences
- High - Biology (evolution, genetics), chemistry, physics

TECHNOLOGY

- Elementary - Computer literacy
- Middle - Introduction into heavy computer use for project-based learning (PBL)
- High - Advanced computer and mobile device use; specialty programs

TYPICAL CONCEPTS PER GRADE LEVEL

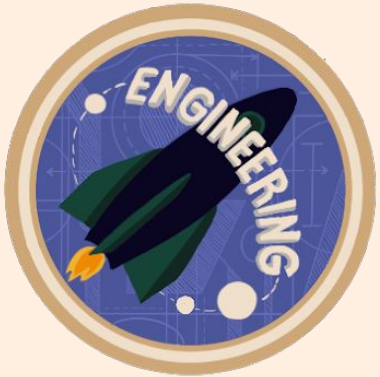
ENGINEERING

- Elementary - Basic concepts of system building (ie. blocks, bridges)
- Middle - Early coding, circuits
- High - Architecture, robotics, coding

MATHEMATICS

- Elementary - Addition, subtraction, division, multiplication,
- Middle - Geometry, algebra, probability
- High - Advanced algebra/trigonometry, calculus

SUMMER CAMP BADGE SYSTEM



- We want to make the summer camp feel recreational and a relaxing learning experience without stress of grades or tests.
- Students can collect badges for attending classes, participating in group work, etc. The system emulates scout badges for a sense of accomplishment at the end of the program.

Questions?

If you have any remaining questions, please feel free to type them into the chat or feel free to unmute yourself and ask us directly!

THANKS!

Do you have any questions? Contact us at:

Email: girlsinstem@uci.edu
Discord: https://discord.gg/7Qg97FjJw3
IG: @girlsinstemuci
FB: https://www.facebook.com/girlsinstematuci/
Website: https://sites.uci.edu/girlsinstem/

Fonts & colors used

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