

ASSURE 2022 Application

This form is the application for the Summer 2022 Advancing Space Sciences through Undergraduate Research Experiences program (ASSURE) program at UC Berkeley Space Sciences Laboratory (SSL).

For detailed program information, including instructions, eligibility requirements, deadlines, and resources from previous years please visit

<https://multiverse.ssl.berkeley.edu/ASSURE>

Funding for the 2022 program through NSF is currently pending. Students can expect financial support similar to other REU internships; specific information regarding student stipends and housing support will be available once NSF funding for ASSURE 2022 is finalized.

Given current public health efforts relating to the COVID-19 pandemic, it is possible that this program will be run with an online/virtual component; more details will be provided as to the nature of the virtual component in Spring 2022.

As this form cannot be saved, please draft essay and long form answers beforehand. A PDF copy of your most recent transcript is required will be uploaded directly with this form.

Please request letters of recommendation from at least one and up to two professors or professionals (preferably in your major field of study). Letters of reference must be emailed directly to assure@berkeley.edu and be received by the application due date (Friday, February 18th, 2022). The email subject line and PDF attachment should both include the applicants name (LAST_FIRST). References are due at the same time as applications.

CVs and/or Resumes are NOT required in this application, but may be requested if you are shortlisted for interview.

Once submitted, this application is considered final, and will be considered upon receipt of reference letters.

Applications will be evaluated on a rolling basis, with the final deadline of 11:59pm PT Friday, Feb 18th, 2022, for both applications and reference letters. We hope to provide responses to applicants in mid-March, 2022.

Questions can be emailed to:

assure@berkeley.edu

assure@berkeley.edu [Switch account](#)



The name and photo associated with your Google account will be recorded when you upload files and submit this form. Only the email you enter is part of your response.

*** Required**

Email *

Your email

About You

Last name *

Your answer

First name(s) *

Your answer

Preferred Name

Your answer

Date of birth *

Date

mm/dd/yyyy



Address *

Your answer

Primary Email address *

Your answer

Alternate email address

Your answer

Phone number *

Your answer

Alternate phone number

Your answer



Citizenship status *

- U.S. Citizen
- U.S. Permanent Resident
- U.S. National
- Other:

How did you learn about the Space Sciences Lab ASSURE program? Please list name and email address if relevant

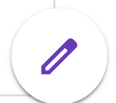
Your answer

Demographic Information

The following questions are optional and all responses will be confidential

With which racial and ethnic group(s) do you identify?

- American Indian or Alaska Native
- Asian
- Black or African American
- Hispanic, Latino, or Spanish Origin
- Middle Eastern or North African
- Native Hawaiian or other Pacific Islander
- White
- Prefer not to say
- Other:



How do you describe your gender identity? (Mark all that apply)

- Female
- Male
- Non-binary
- Genderqueer
- Agender
- Transgender
- Cisgender
- Prefer not to say
- Prefer to self-identify (write in below)
- Other:

Do you identify as a protected veteran?

- Yes
- No
- Prefer not to say

Do you identify as a disabled person?

- Yes
- No
- Prefer not to say



Highest level of education achieved by your parent(s) and/or guardian(s)

- Did not complete high school
- High school graduate, diploma, GED or equivalent
- Some college credit, no degree
- Associate degree
- Bachelor's degree
- Advanced graduate or professional degree
- Don't know / not applicable

Highest level of education achieved by your sibling(s)

- Did not complete high school
- High school graduate, diploma, GED or equivalent
- Some college credit, no degree
- Associates degree
- Bachelor's degree
- Advanced graduate or professional degree
- Don't know / not applicable

Availability

Ideally, the ASSURE program will be held as an in person internship at University of California, Berkeley Space Sciences Lab from June 06, 2022- Aug. 12, 2022 (10 weeks). Due to current public health measures, and University protocol, it is possible that some, or all of the program will be run virtually. A decision to the format of the program will be made in Spring 2022.



Are you able to attend in person at Berkeley June 06, 2022- Aug. 12, 2022? *

- Yes
- No
- Maybe

Are you able to attend a virtual program held online June 06, 2022- Aug. 12, 2022? *

- Yes
- No
- Maybe

Are you able to attend a hybrid online/in person program held June 06, 2022- Aug. 12, 2022? *

- Yes
- No
- Maybe

If you answered no or maybe to any of the above questions, please explain

Your answer



Do you expect to have any other significant time commitments during the 10 week program? For example: classes, part-time job. *

- Yes
- No
- Maybe

If you answered yes or maybe, please explain

Your answer

If the program is run in person, will you require housing in Berkeley? *

- Yes
- No

In the event that there is a virtual/online component to the program, are there resources that would enable or enhance your ability to participate?

Your answer

Educational Background

Current institution (name and location) *

Your answer



Major / Intended Major *

- Aerospace engineering
- Astronomy/astrophysics
- Atmospheric science
- Computer science
- Earth science
- Electrical engineering
- Environmental science/engineering
- Mathematics
- Mechanical engineering
- Physics
- Other:



Please select which computer/programming topics you have experience with *

- Windows
- Mac OS X
- Unix/Linux
- Raspbian
- Microsoft Office
- Google Docs
- LaTeX
- HTML
- CSS
- Javascript
- MATLAB
- Python
- C / C++
- JAVA
- FORTRAN
- IDL
- AutoCAD
- Solidworks
- Mathematica
- R
- None
- Other:



Current academic status *

- Undergraduate at a community or junior college
- Undergraduate at a four year university
- Other:

Anticipated degree from current institution *

Your answer

Expected graduation or transfer date from your current institution *

Date

mm/dd/yyyy

Are you, or have you ever been a community college student?

- Yes
- No

If you are currently a community college student, do you intend to transfer to a 4 year institution?

- Yes
- No



Cumulative GPA *

Your answer

Intended major GPA *

Your answer

Please list the course title and grade for any relevant classes you wish to highlight from your transcript.

Your answer

Please upload your most recent transcript (PDF only, unofficial transcripts are acceptable) *

 Add file

Name and location of high school

Your answer

Year of high school graduation or receipt of GED *

Your answer



High school GPA

Your answer

Letters of reference

Please request letters of recommendation from, at least one and, up to two professors or professionals (preferably in your major field of study), and list their information below. Letters of reference must be emailed directly to assure@berkeley.edu and be received by the application due date (Friday, February 18th, 2022). Further information for references may be found at the ASSURE homepage : <https://multiverse.ssl.berkeley.edu/ASSURE>

Name of reference #1 *

Your answer

Title and affiliation of reference #1 *

Your answer

Relationship of reference #1 to you

Your answer

Email address of reference #1 *

Your answer



Re-type email address of reference #1 *

Your answer

Name of reference #2

Your answer

Title and affiliation of reference #2

Your answer

Relationship of reference #2 to you

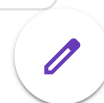
Your answer

Email address of reference #2

Your answer

Re-type email address of reference #2

Your answer



Essay Questions

Describe your academic and career goals, along with how participation in the ASSURE program would impact you and your career. Please include any successes and hurdles you have faced in accomplishing your goals up to this point (3500 character limit) *

Your answer

Please describe your experience with coding, computer programming, and computation, giving detailed examples if possible. (3500 character limit) *

Your answer

Please describe any scientific research experience you may have. (3500 character limit) *

Your answer

Please pick two skills you would like to learn or improve during the ASSURE summer program

Skill 1 *

Choose



Skill 2 *

Choose 

Please explain why you would like to learn or improve on the selected skills (3500 character limit) *

Your answer

Please describe a recent experience working in a group or team, and the role you played in contributing to the group's success (3500 character limit) *

Your answer

Signature *

By signing my name in this field, I certify that the information submitted in this application and associated materials are current, complete, and accurate to the best of my knowledge.

Your answer

Click below to submit

Thank you for applying.

Questions can be directed to assure@berkeley.edu

Send me a copy of my responses.

Submit

Clear form



Never submit passwords through Google Forms.

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Google Forms

