California State University, Los Angeles

NSF Big Data Grant 2021

Summer Social Equity Engagement geo-Data Scholars (SEEDS) Application

The Social Equity Engagement geo-Data Scholars (SEEDS) Program is open to any students who participated in the Spring 2021 Big Data courses that focused on projects using the LA GeoHUB and working with local non-profit organizations. The intention of the SEEDS Program is to provide paid summer internships for Cal State LA students to work with non-profits and leverage their knowledge of the City of Los Angeles’ open-data portal. By the end of the program, we expect SEEDS to be well informed about the importance of big data and the challenges facing non-profit organizations and local citizens in big data literacy. We hope that this internship helps students promote civic engagement by gaining a strong sense of responsibility for democratizing big data and ensuring that data is shared, collaborative, and open to the broader community.

## I. General Information

Gender:

Male

Female

Other

Decline to State

Name:

Last First Middle

Address:

Street City Zip Code

Telephone: ( ) Email:

|  |  |  |
| --- | --- | --- |
| Please include area code |  | Please provide an email, this is our main form of communication. |

Date of Birth: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(MM/DD/YY)

Ethnic Identity (for statistical purposes only)

African American  Asian American  Pacific Islander

Chicano(a)/Mexican American  Filipino  White/Caucasian

Other Hispanic/Latino(a)  American Indian  Other (specify):

Decline to State

## II. Personal Information

1. Please indicate your parents’ level of education (Check box):

Mother:  No College  Some College  College Graduate  Some Graduate School

Completed Graduate School

Father:  No College  Some College  College Graduate  Some Graduate School

Completed Graduate School

1. As an undergraduate, are/were you eligible for need-based financial aid?  Yes  No
2. Are you classified as an *independent student* for financial aid purposes?  Yes  No
3. How many hours per week do you work during school?  0 – 20  21+

## III. Educational Information

1. Your class level in spring 2021:  Freshman  Sophomore  Junior  Senior  Graduate

Major: Minor (if any):

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |

1. Date you expect to graduate (Semester & Year)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GPA (Grade Point Average) |  |  |  |  |

Undergraduate GPA GPA in Major

## IV. NSF Big Data Grant Information

1. List the course(s) that you took in Spring 2021 that was part of the Big Data Project.
2. Which non-profit did you work with in the Spring?
3. Answer each of the following questions in less than 100 words.

1. Please describe the data project you and your group created for your partner non-profit. What was

your role in the project?

2. If you had an opportunity to work with this non-profit as a SEED intern, what would you want to

explore further or create using data? How would this data project be useful to the non-profit?

3. What is the most important thing that you have learned while working on the project in your

course?

4. Why is being a SEED Scholar important for you personally?

5. How does the experience working with data for a non-profit help or inform your career aspirations

or your future goals?

6. Please rate your comfort working with the LA GeoHUB platform from 1-10 (10 being the most

comfortable) and explain your rating.

**2021 Summer SEED Scholar Requirements/Contract**

In order to become a SEED Scholar, you must agree to the following terms of agreement.

*Summer Requirements*

All SEED Scholars will check in weekly during the internship to report hours and discuss progress with the grant manager, Dr. Dawn A. Dennis (ddennis3@calstatela.edu).

Payment for this internship is $3000 (maximum) for a total of 240 hours of work scheduled between you and the non-profit between May 15 and August 14, 2021 (average $12.5 per hour). Payments will be distributed in two roughly equal installments. All reports and program requirements must be submitted before each payment. If student work less hours, the payment will be based on total hours worked during this time period. However, student may continue to work with the non-profit organization during academic year if it is agreed by the non-profit and approved by Dr. Dawn A. Dennis and Preston Mills until your reach 240 hours of work.

Complete a weekly journal of your experiences and work activities at the non-profit. Fill out a final assessment survey of your experience as a SEED Scholar. Turn in journal and assessment to Dr. Dawn A. Dennis (ddennis3@calstatela.edu).

*Academic Year Requirements*

Other program requirements for which you will earn an additional $400 during the 2021-2022 academic school year.

* 1. Give a presentation to students enrolled in NSS 1001 (Introduction to Higher Education), Fall 2021 about your learning experience using big data, the LA GeoHUB, and working with non-profits. Provide assistance to the Big Data Team with the Fall semester Town Hall event.
  2. Enroll and complete at least one course during the 2021-2022 school year that allows you to use GIS to augment community outreach projects and civic engagement. These courses are designed to enhance your big data skills and literacy and your ability to make scientific observations in the community. These may include quantitative courses, GIS related courses, and other data analysis and visualization courses
  3. Available to participate Big Data team events to present your final project to diverse audience, interviews for the publications, field trip to our partners including ESRI, etc., when called upon.
  4. Attend the 2021 Big Data Community Public Forum Day to receive the final award/certificate for completing the SEEDS Program.

I agree to the above conditions.

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Signature Printed Name

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date

**Faculty Recommendation**

Please circle your rating for the student applying to be a SEED Scholar from 1-10 (10 being the highest) in the following areas.

1. Their work ethic in your class on this project: 1 2 3 4 5 6 7 8 9 10
2. How much of a self-starter is this student: 1 2 3 4 5 6 7 8 9 10
3. How well do they work with others: 1 2 3 4 5 6 7 8 9 10
4. Their technical skills in LA GeoHUB: 1 2 3 4 5 6 7 8 9 10
5. Their research skills in general: 1 2 3 4 5 6 7 8 9 10

Did the student have a good working relationship with the non-profit?  Yes  No  N/A

Do you recommend the student for the SEEDS program?  Yes  No

Please also feel free to write a personal note below if there is anything to consider about this applicant’s qualifications or experience.