Call for Big Data Mini-Grants!

The Community Data Practicum: Bring Practical Data Skills to the Community



Supported by the NSF Big Data Western Spokes Grant, CSULA and the City of LA Major's Office

Are you interested in utilizing big data in your course, collaborative projects, and research?

The College of Natural and Social Sciences (NSS) invites all instructional faculty, including librarians, at Cal State LA to submit proposals for *course modification* to incorporate and utilize data from LA City Open Data. We are asking for applications to modify existing courses of all levels to use data from the City's open data portal and/or GeoHub. Course outcomes need to contribute to the mission of this project, which is to promote civic action and community engagement through awareness of, access to, and utilization of LA City Open Data, by creating sustainable partnerships between Cal State LA, City of LA, and the communities we serve.

Requirements:

1. Courses already should be part of the Spring 2022 schedule.
2. Courses should incorporate LA City Open Data into specific civic engagement activities or research projects to advance big data literacy among students, non-profit organizations, and community members in areas such as Social Justice, Urban Environment, the Arts, etc.
3. Courses must be taught on a regular basis. Continuous updates and workshop training may be required. All products funded by this grant are the property of NSS & the home college of faculty and will be shared with others via multiple venues.
4. **Interested faculty (tenure-track, tenured, and lecturers) are invited to attend an information session on October 15, 2021 from 1-3 pm** to learn about the project goals and LA City's Open Data portal.
5. Interested faculty should reach out to their department chair for consultation ASAP.

Mini-grants will provide for course modification, which includes working with the LA Mayor's Data Team, NSS graduate GIS techs, administrating civic engagement activities, and working with the grant team to collect data, provide assessments, and identify transformational stories (i.e., student success stories). For civic engagement activities (i.e., data collection, analysis, and visualization, and presentations to the non-profits), students will be matched with a department in the city of Los Angles and/or work at the discretion of the instructor on a specific project that will utilize data from the city of Los Angeles.

The final syllabus for selected courses must be submitted to the committee for review and approval before the start of the Spring Semester.

Please send applications to nss@calstatela.edu, with the subject line ***Big Data***. Send applications in PDF format by Monday, October 22, 2021 at 4:00PM. Selected faculty will be notified by November 1, 2021. Selected faculty need to be available for all of the following:

- Technical workshops (two hours) on using big data, GIS, and the LA GeoHub on Fridays: November 12, November 19, and December 3. Workshops will also connect faculty and student projects to appropriate city department and/or non-profits, and provide input on syllabus development.
- A final syllabus review, project design workshop, and technical training session will occur on Friday, January 7, 2022 between 12 and 4PM.

Application Sheet for Mini-Grant
Bring Practical Data Skills to the Community
Supported by the NSF Big Data Spokes Awarded to NSS

Course Modification for courses to include a civic engagement with a goal of Transforming Communities in any areas of Social Justice, Urban Environment, and the Arts

*** Faculty are encouraged to attend a workshop on October 15, 2021, 1:00-3:00PM.**

Name, position, and rank: _____

Department and College: _____

1. The number and title of the course that is being proposed for redesign: _____
2. The enrollment cap of this course? _____
3. The number of students enrolled in this course last Spring _____
4. The approximate percentage of seniors in this class based on last Spring? _____
5. What day and time is this course scheduled for in Spring 2022? _____
6. How often is this course offered (every semester, every spring, etc.)? _____
7. Describe your level of familiarity with Arc GIS (none, had taken one or more courses, used in teaching, used in research, etc.)
8. Please list subject areas of City of Los Angeles data that you might be interested in, including city department that might collect it, specifics, time frame, and geographic areas within the city.

9. Please select any potential non-profit organization(s) that might be a good fit for your course. Please note that matches are not guaranteed and are contingent on the non-profit's availability and interest in participating.
    - A partner non-profit already registered with the Center for Engagement, Service and the Public Good _____
    - A non-profit you already work with, but is not affiliated with campus _____
10. Please attach a copy of the syllabus for the course that you have taught.
11. Please include a *Statement* (500 words limit) describing (1) curricular impact; (2) how using LA Open Data would affect your course and student skills development; (3) intended topic(s) covered in your course providing specific details.
12. The Department Chair approves this application. Signature _____, Date_____ (or email confirmation).

Please send applications to nss@calstatela.edu, with the subject line *NSF Big Data Application*. Send applications in PDF format by **Friday, October 22, 2021, at 4:00PM**. Selected faculty will be notified by November 1, 2021 via email Technical workshops (two hours) on using big data, GIS, and the LA GeoHub on Fridays: November 12, 19 and December 3. Workshops will also connect faculty and student projects to appropriate city department and/or non-profits, and provide input on syllabus development.

A final syllabus review, project design workshop, and technical training session will occur on Friday, January 7, 2022 between 12 and 4PM. Should you have any questions or require additional information please contact Dr. Dawn Dennis (ddennis3@calstatela.edu).