

CNI Sustainability Project Proposal | UCSF

(Please describe project in terms of details and depth of complexity appropriate for graduate student level with a defined end product)

Individual student

Team (1-3 students)

Brief Project Description: Telehealth and Telework Benefits pre-and post COVID

Telehealth, similar to Telework, uses technologies such as high-quality video conferencing to deliver care to patients over geographic distances. Telehealth and Telework are reported to have numerous benefits such as reducing travel times, increasing patients/work satisfaction, and decreasing the cost of patient care and operation. UCSF has had telehealth and telework policies in place for some time but adoption has been slow. With the COVID shelter-in-place orders, both adoptions have increased significantly. This study will look at the carbon emissions, environmental benefits of that transition as well as projections for the long term changes this transition has established and how it has changed the delivery of healthcare and work at UCSF. Also perform literature review on best practices, explore UCSF technology options, explore virtual academic meetings, and share best practices for others to replicate. \$4000 stipend for project completion.

Skills needed for the project:

Data analysis, research, project presentation, communication

Skills desirable for the project:

Knowledge of telehealth, telework processes and platforms

Time frame for completion/number of hours:

Ten months Sept 2020 – June 2021

Description of specific on-site work necessary:

Meet with UCSF staff for details about operations and metrics

Description of specific optional off-site work:

Meet with relevant staff for background and desired deliverable, perform own research on topic to identify metrics and analyze data for implementation.

Expected deliverables/value of end product:

Weekly meetings initially with the Seema Gandhi, MD and Gail Lee, sponsors and individual/team. Two mid-course check-ins. Write up a scope of work for a follow on project if appropriate. Final project poster, UCOP CNI deliverables, and a 250 word article for our website.