



Seeking Education, Outreach, and Innovation Coordinator for new UCSF Cell Design Institute

Do you love scientific research and teaching, but are interested in a career outside of traditional academia and industry?

The UCSF Cell Design Institute is seeking a dynamic individual to lead education, outreach, and innovation initiatives. This is an exciting and unique opportunity for someone who is seeking to combine their passion for scientific research with a strong interest in outreach, education, science communication and innovation, and who is looking to explore less traditional career paths. We are looking for someone who can think critically about science and has a strong scientific background (PhD in Molecular Biology, Biochemistry, Cell Biology, Immunology, Systems Biology, Bioengineering, or other related area is required). The successful candidate should have a demonstrated interest in education and outreach and have outstanding organizational and communication skills.

The UCSF Cell Design Institute is a newly launched initiative focused on driving revolutionary advances in cell engineering – how we can more deeply understand the fundamental engineering principles of cellular function, and how we can apply these principles to develop next-generation cell-based therapies (such as smart immune cells to combat cancer or autoimmunity, or precisely programmed regenerative cells). Prof. Wendell Lim is the Director of the Institute. Beyond the Institute's core research mission, a top priority is to catalyze the development of the new field of cell engineering by building a strong community, training future scientific leaders, and developing the necessary scientific workforce (Cell Design Institute website: <https://celldesigninstitute.org>)

Towards these goals, the Education, Outreach and Innovation Coordinator would work closely with the Institute Leadership and Staff to be responsible for developing and overseeing a portfolio of education, outreach and innovation programs within the Institute:

1. Research meetings and collaboration/innovation initiatives. A key part of the development of Institute trainees (graduate students, postdocs, fellows) will be participation in center research collaborations. The Coordinator will organize local monthly Institute scientific meetings for trainees to present their research, as well as brainstorming/ideation workshops to stimulate crosscutting innovative collaborations. They will also organize an annual Institute symposium.
2. San Francisco State University (SFSU)-CDI Master's Student Internship Program. A hallmark initiative of the institute is a research internship program with SFSU's master degree program. This program has outstanding underserved students, many of whom who are URMs or first in family to attend college. This program provides outstanding students with a once in a lifetime opportunity to perform their masters thesis research in Institute labs (~ 2 years of research), and prepares them for PhD programs or for jobs in the biotech sector – particularly in the

booming area of cell therapies. The Coordinator will oversee student application/selection, training boot-camps, coordination with SFSU, ongoing mentorship, and assessment/tracking.

3. Grant writing and industrial liaison. Coordinator would play a key role in seeking funding opportunities, preparing/writing grants in collaboration with investigators. These include interfacing with funding agencies, philanthropic partners and biotech companies.
4. Local and community outreach. Develop and lead other outreach programs such as collaborations with museums (Exploratorium, Cal Academy of Sciences), and events for UCSF alumni, staff, community and its supporters. Serve as the Institute's representative at educational events and conferences, and maintain online/social media presence for the institute.

This is a full-time position based at the UCSF Mission Bay campus. To apply, please send a CV and cover letter detailing your background and interest in the Education and Outreach Coordinator position as soon as possible to: CDI.Administrator@ucsf.edu. Applications will be considered on an ongoing basis through Jul. 15, 2021.

Visit these sites for more information, videos and articles about the UCSF Cell Design Institute and prior related outreach efforts that our group at UCSF has initiated (e.g. UCSF iGEM program):

- [UCSF Cell Design Institute website](#)
- [UCSF iGEM team \(NYTimes\)](#)
- [UCSF iGEM team \(SF Chronicle\)](#)
- [UCSF iGEM team \(sfgate\)](#)
- [Lincoln HS/UCSF Biotechnology Program \(youtube\)](#)
- [UCSF iGEM Awards \(youtube\)](#)

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