

CHAN ZUCKERBERG BIOHUB

Looking for Tinkerers, Problem Solvers and Makers!

The Chan Zuckerberg Biohub is a brand new non-profit research institution based in San Francisco, California, affiliated with the University of California San Francisco, the University of California Berkeley, and Stanford University, funded by the Chan Zuckerberg Initiative. Biohub efforts will initially be focused on finding new ways to cure infectious diseases and on creating a map of every cell in the human body. To accomplish these goals, we find and invest in the best and brightest scientists and engineers and we create environments for true and free-flowing collaboration. We provide the best technology and tools available — and when they don't exist we build them.

The Bioengineering Group at the Chan Zuckerberg Biohub is charged with designing and building novel scientific instrumentation to support the Biohub's mission. The Group is **looking for creative and resourceful scientists and engineers (mechanical, electrical, bio and biomedical) with a passion for tinkering, solving challenging technical problems, and building cutting-edge research tools.** If you have one or a combination of the following skills & experience, please send your resume/CV to rafael.gomez@czbiohub.org:

- Design and construction of instrumentation for biotechnology applications such as:
 - Molecular biology
 - Cell manipulation, imaging, and analysis
- Design and fabrication of microfluidic devices:
 - Soft lithography (PDMS)
 - Microfabrication on glass and plastics
- Advanced imaging and microscopy techniques (esp. for cell culture and tissue imaging)
- Designing and building optical systems (including lasers & optical tweezers)
- Development of software for image and data acquisition and processing, and for instrument control
- Basic electronics design (analog and digital, including microcontrollers, DAC and ADC, motion control, sensor signal conditioning)
- Designing mechanical assemblies (SolidWorks CAD experience preferred)

Women and minorities are especially encouraged to apply. The positions are full-time and based in our offices in San Francisco, California.