Translational Medicine

The Master of Translational Medicine program (MTM) is designed to train students in applying translational research and engineering approaches to solve fundamental problems in healthcare delivery. The program provides trainees with the tools necessary to address real world problems in a creative, multi-disciplinary team setting.

The joint nature of the program between UC San Francisco and UC Berkeley provides a truly unique combination of engineering, business, and clinical expertise. The program offers a highly specialized curriculum including a professionally oriented, team-based capstone project experience involving mentorship from academic leaders, clinical specialists, and industry professionals.

faculty
There are about 100 faculty members associated with the MTM program, including all core members of the UCSF/UCB Joint Bioengineering Group [1].

sub-disciplines
At present, the MTM program is not organized around sub-disciplines in translational medicine, but this may change in the future.

affiliations
The MTM program was launched with the help of the Clinical and Translational Science Institute at UCSF. Read about the background of the program [2].

career outcomes
Most MTM students tend to be primarily focused on pursuing careers in industry, and program graduates are working at major pharmaceutical, biotech, and scientific consulting companies. Though MTM is a young program, many graduates have advanced to positions as senior level engineers, researchers, scientists, analysts, and managers.

A smaller portion of MTM graduates have continued their education, typically to obtain a PhD or MD; and others are now working in clinical or academic research settings, where they concentrate on translational technologies. A few MTM graduates have transformed their capstone projects into start-up companies, the most successful having received two 510(k) clearances from the FDA within two years of completing the original MTM project!

The MTM program office at UCSF is located at the Mission Bay campus. Please visit the program website [3] for more information.