Ellen Weber is Professor Emeritus in the UCSF Department of Emergency Medicine. She received her MD degree from Harvard Medical School in 1983, completed her residency at UCSF, and became board certified in Emergency and Internal Medicine. She served as Medical Director of the Emergency Department at UCSF Medical Center from 1992 through 2008 and Vice Chair of the Department of Emergency Medicine from 2010 to 2017. She is an affiliate-faculty of the institute for Health Policy Studies. She also chaired the Clinical Affairs Committee of the Academic Senate, and was president of the School of Medicine Faculty Council.

Dr. Weber's research interests have centered on emergency department utilization, including social and medical determinants of ED use, frequent attendance, and operations improvement to address ED crowding. In 2008 she became a Visiting Professor at the University of Sheffield in England, conducting research on the impact of the four-hour throughput target for emergency department patients mandated by the UK government. Some of the lessons learned were brought back to the Moffit ED, resulting in a streamlined triage process utilizing the new electronic medical record. She has continued to publish in the fields of ED operations, utilization, quality, and the use of information technology to improve efficiency with collaborators from UCSF and the University of Sheffield. A reviewer and decision editor for the US-Based Annals of Emergency Medicine throughout her career, in 2013, Dr. Weber was appointed Editor in Chief of the UK-based Emergency Medicine Journal, published by the BMJ publishing group and continues in this role.

In 2013, Dr. Weber had her first opportunity to work in a limited income country as part of a consortium of US medical schools that were assisting in the development of the first emergency medicine residency program at Muhimbili Hospital in Tanzania. She has returned twice a year since then to teach the residents research methods, and mentor them in the development of their research projects and dissertations that are required for graduation. As the residents have now moved on to open new emergency departments, she has begun to offer research mentorship at other hospitals in the country.

Although having taken formal retirement, Dr. Weber continues to work clinically in the emergency Department at UCSF. Her "retirement" decision affords her the opportunity to continue hands-on clinical work while pursuing her newest endeavors at the EMJ and in Tanzania.