

Richard M. ALLEN

UC Berkeley

Richard Allen is the Director of the Berkeley Seismological Laboratory, the Class of 1954 Professor and Chair of the Dept. of Earth and Planetary Science at UC Berkeley. He is an expert in earthquake alerting systems, developing methodologies to detect earthquakes and issue warnings prior to shaking and tsunamis. His group uses seismic and GPS sensing networks, including the use of a global network of tens of thousands of smartphones called MyShake. Allen's group also uses geophysical sensing networks to image the internal 3D structure of the Earth and constrain the driving forces responsible for earthquakes, volcanoes and other deformation of the Earth's surface. His research has been featured in Science, Nature, Scientific American, the New York Times and dozens of other media outlets around the world. He has a BA from Cambridge University, a PhD from Princeton University, and was a Postdoctoral Fellow at Caltech.