

Leroy Hood, M.D., Ph.D.

Dr. Hood received an MD from Johns Hopkins Medical School and a PhD from Caltech. He was a professor at Caltech for 22 years; a co-founder and chairman of the first cross-disciplinary biology department at the University of Washington for 8 years; a co-founder and president of the Institute for Systems Biology for 18 years—the first organization promoting systems biology. He is in three US National Academies: Science, Medicine and Engineering—one of only 20/more than 6000 to be so honored. He developed the automated DNA sequencer that made the human genome sequence possible and 5 other instruments that laid the technical foundations of modern biology. He is pioneering data-driven and systems-driven 21st century medicine—which will transform healthcare. He has co-founded 17 biotech companies. He has 18 honorary degrees from leading institutions all over the world. He has won a variety of prizes including the Kyoto Prize for technology development, the Lasker Prize for molecular immunology and the National Medal of Science awarded by Obama. He is currently on the faculty of the Institute for Systems Biology and CEO of Phenome Health, a non-profit organization driving the emergence of precision population health. In 2023, Dr. Hood recently joined the Buck Institute for Research on Aging as Chief Innovation Officer and Distinguished Professor, co-directing the Center Phenomic Health.