



RICHARD J. WALKER is a Professor and currently the Chair in the Department of Geology, at the University of Maryland. He obtained a B.S. degree in Geology from the College of William and Mary in 1979. He completed both M.S. and Ph.D. degrees in geology from the State University of New York at Stony Brook in 1981 and 1984, respectively. After this, he did postdoctoral work at the U.S. National Bureau of Standards, the Carnegie Institution of Washington's Department of Terrestrial Magnetism, and the U.S. Geological Survey. He became a member of the faculty at the University of Maryland in 1990. He was the 1990 recipient of the Clarke Medal of the Geochemical Society. He is a fellow of the American Geophysical Union, the European Association of Geochemistry and the Geochemical Society.

Professor Walker utilises radiogenic isotopes and trace elements to conduct research in several areas of geo- and cosmo-chemistry including the chemical evolution of Earth's mantle, the formation and crystallisation histories of early solar system planetesimals, the origin of ore deposits and the accretional and differentiation histories of the Earth, Moon and Mars. He was a pioneer in the application of the Re-Os isotope system to high temperature geochemistry, and he and colleagues still specialise in the applications of siderophile elements to these topics.