

### **Professor Ralph J. Cicerone (1943-2016)**

iCACGP is saddened to learn of the loss of Professor Ralph J. Cicerone, who passed away on the 5th November 2016. Ralph was both an excellent atmospheric scientist, university teacher and an outstanding scientific administrator. His research played a key role in improving our understanding of the impact of anthropogenic activity on the stratospheric ozone layer and tropospheric chemistry, and climate change.

Ralph was born in New Castel Pennsylvania in 1943 and educated at MIT, where he



graduated in 1965 with a degree in electrical engineering. He then undertook his masters (1967) and doctoral studies at the University of Illinois (1970). He was a research scientist and a member of the Faculty of Electrical and Computing Engineering at the University of Michigan in Ann Arbor from 1971 to 1978 prior to his joining the Scripps Institution of Oceanography at UC San Diego as a research chemist. He directed the Atmospheric Chemistry Division at the National Center for Atmospheric Research in Boulder, Colorado from 1980 to 1989. He then moved

to the University of California Irvine, being both Professor of Earth System Science and the Chair the department of Earth System Science from 1989 to 1994, subsequently the Dean of Physical Sciences from 1994 to 1998 and then Chancellor from 1998 to 2005. Cicerone served with great distinction as President of the National Academy of Sciences from 2005 to 2016.

Ralph Cicerone's research was recognized explicitly in the citation, which describes the most relevant research related to the 1995 Nobel Prize in chemistry. He was also the 1999 laureate for the Bower Award and Prize for Achievement in Science. The American Geophysical Union awarded him its 2002 Roger Revelle Medal, and the World Cultural Council honored him with the Albert Einstein World Award of Science in 2004.

Ralph was an outstanding educator, a kind and warmhearted spirit, and a natural diplomat. He was a popular leader of our field and served our community with the highest distinction. The members of iCACGP extend our sincere condolences to the Cicerone family and Ralph's many friends and colleagues.