

Nomination for Honorary Fellowship

Nomination by Professor Brendan Kennedy received 16/8/11

Professor Leonard Francis Lindoy FAA

Leonard Francis Lindoy, FAA, is an outstanding Australian scientist and has given years of service to AINSE. He is an ideal recipient of an AINSE Honorary Fellowship.

Professor Lindoy is currently an Emeritus Professor of Inorganic Chemistry at the University of Sydney and James Cook University. He graduated from the University of New South Wales BSc (1963), Ph.D. (1968) and DSc (1985). Following a postdoctoral appointment at Ohio State University, he joined James Cook University in 1970, rising through the ranks to be appointed to the first Personal Chair at James Cook in 1987. In 1996, he moved to the Chair of Inorganic Chemistry at the University of Sydney. His contributions to inorganic chemistry have been recognised by numerous awards including both the H G Smith Memorial Medal and the Burrows Award, in 1995, an RACI Distinguished Fellowship the 2008 Leighton Memorial Medal, Craig Medal and a RSC Centenary Lectureship and Medal. He is a fellow of the Royal Society of Chemistry, The Royal Australian Chemical Institute and The Australian Academy of Science. In 1995 Len received the AINSE Gold Medal for excellence in research. Len has published over 290 papers with a H-factor of 43 – attracted over 6000 citations.

Len Lindoy received his first AINSE research award in the late 70s while working at James Cook University in Townsville. At that time he was investigating the design of new organic reagents for metal ion discrimination – an area of potential interest to the mineral processing industry. This work involved use of the single-crystal neutron diffractometer 2TanA at HIFAR in collaboration with Lindsay Davis. These studies contributed to Len becoming a consultant to industry – an example of AINSE proving value to Australian Industry.

From 1985 to 1996 he served as James Cook University's representative on AINSE Council. In 1992 he became AINSE Vice-President then President in 1993. In 1996 Len moved to the University of Sydney, where again he served on council. His AINSE research at this stage included the design of new reagents for use in radiomedicine, with emphasis on employing ^{64}Cu for cancer therapy.

Throughout his career Len has formed strong collaborations this is evident from, what appears to be his first AINSE publication in 1979 – co-authored with Alfred Ekstrom from the Chemical Technology Division of the AAEC and it includes the very familiar acknowledgment “and the Australian Institute for Nuclear Science and Engineering for support. A critical word here is “and” – most AINSE projects require additional funding (ARC etc). His most recent “AINSE” publication appeared in 2009 and also included an ANSTO co-author Suzanne Smith.

In summary scientifically Len has collaborated across ANSTO and through numerous AINSE grants has produced world class science. He has also contributed significantly to AINSE over an extended period via his committee activities, as a member of the AINSE executive and University Councillor.