

## **CITATION**

**DR HILL, THE LATE PROFESSOR O'DONNELL, and DR POMERY**

**1996 AINSE GOLD MEDAL FOR EXCELLENCE IN RESEARCH SUPPORTED BY  
AINSE.**

The University of Queensland Polymer Materials and Radiation Group, led by Drs David Hill and Peter Pomery and the late Professor Jim O'Donnell, has made an outstanding contribution to the understanding of the effects of high energy ionizing radiation on polymer systems. Using the AINSE facilities, the Group have published 45 scientific papers in refereed international journals over the last five years on various aspects of the radiation chemistry of polymers. In addition to publishing their work in international journals, the group leaders and their students have presented the results of their research at numerous conferences in Australia and overseas, both in the form of contributed papers and invited lectures. They have also established research collaborations in radiation chemistry with du Pont, NASA, IBM and Virginia Polytechnic University in the USA, JAERI and Kyoto University in Japan and KAERI in Korea. In the last five years they have graduated 7 PhDs and 5 MScs who have studied polymer radiation chemistry, and they have 8 post-graduate students currently enrolled whose thesis topics are centred in this area. In addition to these post-graduate students, two post-graduate exchange students from overseas universities have visited their laboratory, and eight post-doctoral fellows and four senior polymer scientists from overseas institutions in the USA, Europe and Korea have worked with the Group. The three nominees have complemented one another, forming a cohesive team with an international reputation. With such synergism it is appropriate that the contribution of the group to Australian radiation chemistry be recognised by the Gold Medal Award to the three of them.