

(i) The equalization of scientific standards and opportunities across Canada. Today a University Professor does not have to leave his position in any region for reasons of prestige or opportunity - that was not always true.

(ii) An evidence of our scientific maturity is the increasing numbers of foreign scientists now visiting Canadian Institutions to observe what is being done. They come to see men not institution - that paradoxically is the test of sound scientific organization.

(iii) Other indications of the healthy scientific Canadian structure are the friendly cooperation which now exists between various scientific bodies, the increase of industrial research establishments and a growing cooperation between Government, University and Industrial scientists.

Mr. Chairman, my thesis tonight has been that a real revolution in Canadian science and scientific engineering has taken place since 1939.

While this revolution rose out of a world crisis, it was, as only a Churchill could put it, "fanned by the crimson wings of war". It was not a mushroom growth; the fundamental structure remains and on its strength we now have a soundly based industrial economy, which will continue over the years to expand and prosper.

I believe that the Kelvin Medal was awarded for the first time to a Canadian in 1953 (and incidentally, to the first native born North American) because the selection committee in the United Kingdom recognized this significant achievement.

I am, naturally, extraordinarily proud that my part as a central figure in this movement brought me the Kelvin Medal, but I am equally proud that in my personal work I was associated in a most happy and co-operative way with a host of Canadian scientists, engineers, military men, industrialists, and public servants.

It is an honour to receive a Kelvin Medal - it is something far more touching to be acclaimed by the people with whom one has worked.

I thank you from the bottom of my heart for this evening's demonstration of your friendly regard and for the Honorary Membership in your Institution, which is the highest evidence of your professional respect, and - I like to think - of your personal friendship.

