

Training of Research Workers.—In order to develop in Canada a corps of highly trained research men for service not only in the universities and technical schools, but also in the industries and technical departments of the Dominion and Provincial Governments, the Research Council has established three classes of scholarships which it awards under the titles of bursaries, studentships and fellowships. These awards have a value, respectively, of \$750, \$1,000, and \$1,200, and are intended to enable students who have graduated with distinction from a university to continue their post-graduate training in science. These awards are given to the best qualified applicants therefor, the minimum qualifications for a bursary being graduation with distinction from an approved university; for a studentship, one year of post-graduate research experience; and for a fellowship, clearly demonstrated ability to carry on independent research.

During the ten years ended Mar. 31, 1927, the National Research Council has awarded 344 scholarships to 199 persons. These awards were held in 16 departments of science at 12 Canadian universities. Each grantee worked under the direction of a member of the staff of the university where his award was held, who had agreed to co-operate with the Council in the careful supervision of the work of the grantee.

The main purpose of scholarships is to train men in research work, rather than to achieve valuable results as a consequence of the investigations carried out by grantees, but nevertheless some very valuable work has been carried out under these awards. The fact that 458 scientific papers, by persons holding National Research Council scholarships, have been accepted and published by prominent scientific journals in Great Britain, in the United States and in Canada, gives some indication of the calibre of the work.

During the ten-year period 155 persons had completed their post-graduate training in science under these awards. The National Research Council has therefore increased to this extent the number of research workers available for service in Canadian industries and universities or in Government technical services. Fifteen of these research workers are continuing their post-graduate studies; 52 are engaged in the teaching profession, 35 of these having received appointment to the staffs of Canadian universities where the great majority will have an opportunity of securing further scientific training and engaging in research work; 26 are employed in the industries and 29 have accepted positions in the technical branches of the Dominion and provincial Governments; seven grantees are employed in various capacities other than teaching on the staffs of universities, as in sanatoria, etc. Of the 155 scholarship grantees, eight persons for various reasons are not at present actively engaged in research work, one is deceased and 17 have failed to furnish information regarding their present occupation. Altogether, of the 155 grantees, 123 persons are actively engaged in scientific or associated work in Canada.

Assisted Researches.—During the past ten years the National Research Council has financially assisted in the prosecution of 120 distinct researches which were carried out in Canadian laboratories spread from coast to coast. During the fiscal year 1926-27, 68 researches, to which financial assistance had been granted by the Council, were in progress in 23 departments of science and were carried out in various departments at 10 Canadian universities and 11 Government or industrial laboratories.