

There are, in addition, project groups dealing with industrial engineering services, highway research, a co-operative program on cloud physics with reference to the hail problem, and a number of special projects.

The operations of the organization are controlled by a Council of ten individuals representative of the government, the university and industry. The various research projects are reviewed by advisory committees composed of specialists in each field, drawn from industry, the university and the provincial government.

The main Council laboratories are located on the University of Alberta campus in Edmonton. A new pilot plant facility has recently been completed in the Clover Bar area east of the city.

Ontario Research Foundation.*—The Ontario Research Foundation, established in 1928, operates as an independent corporation, deriving its powers from a special Act of the Legislature and governed by a Board of Governors appointed by the Lieutenant-Governor in Council of Ontario. The organization was financed initially by an endowment fund composed of subscriptions from commercial and industrial corporations, and from private individuals, and a grant from the provincial government. However, most of its current income is derived from contract research undertaken for industry, although income is also obtained from the various government departments for research and other work undertaken on a contract basis. The Foundation is concerned primarily with the development of industry and the development of Ontario's natural resources through the application of scientific research. However, Foundation activities are not confined to the province; research contracts are routinely handled for any organization, without reference to location. Being primarily an industrial research institution, the Foundation's main areas of scientific endeavour are chemistry, physics, metallurgy, applied microbiology, textiles and engineering. A field engineering and technical information service is provided free to industry, sponsored by the Ontario Department of Economics and Development and by the National Research Council. In 1967 the Ontario Research Foundation relocated in Sheridan Park, Ont., where it is the nucleus organization of the Sheridan Park Research Community.

British Columbia Research Council.*—This Council is a non-profit, industrial research institute with offices and laboratories on the campus of the University of British Columbia. Its function is to enable even the smallest firms to improve their competitive position in Canadian and world markets by the use of the most up-to-date scientific knowledge. The Council provides a free technical information service in collaboration with the National Research Council, carries out contract research for clients on a confidential basis and initiates "in house" research programs designed to promote and utilize the resources of the province. The Council is active in the areas of applied biology, chemistry, engineering, physics, operations research, industrial market studies and economic feasibility studies.

Subsection 3.—University Research

Research conducted in the universities falls into three broad categories: research projects carried out by faculty members in addition to their teaching duties; investigations by students, under the guidance of professors, to meet the requirements for advanced degrees; and larger projects or programs undertaken co-operatively on a faculty or inter-faculty basis in large laboratories or specialized institutes connected with the university.

Faculty Resources.—Research is generally considered to be an important part of the function of the university teacher and many of the 15,000 full-time staff members of Canadian universities can be assumed to be engaged in such activity. With most staff members, only the time that can be spared from teaching duties can be devoted to research during the teaching session but, for those not teaching summer classes, the summer months

* See also p. 382.