

Post-industrial experience research (PIER) fellowships were introduced in 1966 with the object of providing an opportunity for persons with industrial experience to gain additional research experience and training. A number of these awards are made available each year to candidates who have had a minimum of five years industrial experience.

Postgraduate scholarships in science librarianship and documentation were introduced in 1967 with the object of encouraging graduates with degrees in science or engineering to become science librarians, documentalists or science information specialists in an effort to meet the demand by universities, research laboratories, industrial firms and related organizations for properly qualified persons in these fields.

NRC Laboratories

The National Research Council has ten laboratories, dealing with biochemistry, biology, building research, chemistry, mechanical engineering, aeronautical research, radio and electrical engineering, physics, as well as the Atlantic Regional Laboratory in Halifax, Nova Scotia, and the Prairie Regional Laboratory in Saskatoon, Saskatchewan.

These laboratories carry out long-term, applied and specific project research work in areas for which commercial companies have neither sufficient money nor facilities. The results of research are disseminated through NRC publications, which provide an international distribution for scientific information coming out of Canadian laboratories and institutes. Laboratory inventions are patented and made available to Canadian manufacturers.

The *Biochemistry Laboratory* is concerned with enzymes and protein chemistry, immuno-chemistry, cell biochemistry, and syntheses of biochemical compounds. Individual scientists can and do participate in experiments in more than one of these lines of research as overlapping and collaborative interests develop. The underlying purpose is to explain the biological activity and function of substances in terms of chemical structures.

The *Biology Laboratory* conducts programs of pure and applied research in animal physiology, cytology, food technology, mathematics and radiation biology.

The provision of a comprehensive research service for the Canadian construction industry is the primary concern of the *Division of Building Research*. It also serves as the technical research wing of Central Mortgage and Housing Corporation and, in addition, provides technical and secretarial support to the Associate Committee on the National Building Code.

The *Division of Chemistry* is concerned with supplying new scientific information for the development of Canada's natural resources and chemical industries. The work of the Division also consists of long-term fundamental investigations in organic, physical and theoretical chemistry designed to provide new basic knowledge.

The *Division of Mechanical Engineering* works in certain areas of hydraulic and mechanical engineering and naval architecture.