

acid by bacterial fermentations; and (c) solvent recovery of the products of fermentation.

Under crop utilization there are two investigations: (a) oil seeds project on the separation of fatty acids by distillation, low-temperature crystallization, or solvent extraction; (b) agricultural residues project on pressures and temperatures required for briquetting straw.

In medical research, the extra-mural programme of awarding grants-in-aid of research and for medical research fellowships has been continued. During the year 118 grants-in-aid were given mostly to members of the staffs of Canadian medical schools. Thirty-one fellowships were awarded, seven for a second year, and four for a third year of tenure. Two of the grantees are holding their fellowships abroad, one in England and one in Switzerland. The other fellowships are held in Canadian medical schools and hospitals.

The Advisory Committee on Medical Research, as well as making recommendations in respect of applications for grants and fellowships, has acted again as the Scientific Advisory Committee to the National Cancer Institute of Canada, and has given the Director of the Division of Medical Research valuable advice on matters of policy and other business.

There has been a marked expansion in the work of the Division of Information Services. Several years ago, Technical Information Service was organized to provide without charge technical information which could be used by industrial and other workers to improve the efficiency of Canadian industry. The volume of inquiries has been expanding steadily, and one of the most encouraging features has been the increased percentage of requests for information from people who have used the service before, and who have found it useful.

Similarly, the library of the National Research Council has been asked to provide a much greater service to outside organizations. With its large collection of scientific and technical material, it is being called on increasingly to supply copies of articles which cannot readily be obtained elsewhere in Canada. During the past eight years, loans to people or libraries outside the Council's own staff have increased about seven-fold.

Both the number of subscribers to and the number of articles published by the Canadian Journal of Research have shown a substantial increase this year. An indication of the wide interest in Canadian scientific research is that nearly three-quarters of the Journal's circulation is to organizations outside Canada.

Work of the liaison offices has not shown the expected post-war decrease in activity. The presence of Canadian scientific liaison officers in London and in Washington has proved to be of great help in linking Canadian scientific work with that being done in other countries.