

years and having demonstrated the process, assumed that some Canadians would pick it up. It worked admirably and there must be three or four dozen in Canada who have gone through that system. We have never succeeded, either through the Arctic Institute or anywhere else, in getting that kind of a very simple setup. We do it for students from Borneo, Africa and Latin America. They are well financed and do a good job, but they go home. We have never done it in Canada for corresponding young Canadians who wish to go north and do research.

There was an attempt made in connection with the Centennial. As many of us remember, there was a profit after the 1851 British Exhibition and in those days some of the surplus was put aside and many generations of British institutions received fellowships from them. Some of us approached the federal Government and suggested that as the Northwest Territories have not had anything yet to celebrate in the way of culture for the last 100 years we might guarantee they would have something to celebrate 100 years hence if some money was spent on research. We, therefore, asked the Government to set aside \$2 million or \$3 million as a capital fund, the interest of which each year would be available for this kind of fellowship, based on the Carnegie and the 1851 pattern.

We worked very hard for a year and sought everyone we could, but finally it ended up upon a desk and never, in fact, got to the Cabinet. The whole thing died.

The Chairman: Your mistake was that you did not come to see me.

Senator Grosart: This is exactly it, Mr. Chairman. This is illustrating my point, because if I understand what happened, you went around knocking on political doors.

Professor Lloyd: No, sir, we received a good deal of advice on this. I am a political neophyte. We realized that there were two levels to approach, the professional and administrative level.

I am sorry Senator Lamontagne did not, in fact, get it on his desk. It was very near to your desk several times. The problem is that there is not financing for good university students who need to be trained in many of the research fields for which there is a need in northern Canada.

Senator Grosart: This seems to support the suggestion that there should be, somewhere

in the mechanism, some group representative of the science community so that if you were turned down by such a body at least you would know it was your fellow scientists who said that you should not have the \$2 million or \$3 million instead of having to tell us that you did not have any success at the Public Service level or the political level.

The Chairman: Perhaps it was Mr. John Fisher who said no.

Professor Lloyd: No, it went further than that. It was on one of your colleague's desks.

Senator Haig: You had better quit while you are ahead, senator.

The Chairman: I should like to ask perhaps a final question. It is getting late. I think it is a question that is related to all three groups here. Do you feel at the moment that we are doing enough research in the field of transportation in Canada? This is, of course, more of direct interest to you.

Professor Lloyd: Brigadier Love might want to follow me on this. About five years ago the Arctic Institute, along with its friends in the Government, concluded that a very large proportion of the money spent on research in northern Canada was spent on transportation. The second problem was that any development in northern Canada ultimately depends on research. When a particular Government agency has been asked to report on it, it either says, "Fly everywhere, go everywhere by icebreaker or use snowmobiles", depending on the agency of the Government you speak to.

We were urged to attempt to set up, outside government, with government encouragement, a research project. Brigadier Love took charge of this. He contacted Canadian industry, hoping to work without public funding on this, so as to be entirely free of prejudices. He succeeded in raising, I think, \$80,000 for an independent study on research on transportation.

We needed several hundred thousand dollars. We used up the private industry money. We stopped. We failed to get the balance of the money from the Government, although I think we went through the right channels.

Brigadier H. W. Love, Executive Director, Arctic Institute of North America: I think that covers the facts as well as they need to be covered now.