

We had already made two visits to the Station -- October 20-29, 1968 and February 10-15, 1969 -- to work on our new method of measuring the cold resistance of individual rats. At our last session, with the help of Mr. R. Charbonneau, an electronics technician from the Radio and Electrical Engineering Division of the National Research Council, we were able to check the possibility of using the latest telemetry techniques to measure the body temperature and muscular activity of our animals, and to record all our measurements simultaneously on magnetic tape for computer processing and analysis of our findings.

In but two and a half weeks, this joint endeavour enabled us to do what each of us working alone would have needed several months to accomplish, and we did it all at extremely low cost. It is nevertheless obvious that this joint work is inevitably going to entail some expenditure in the future.

The group hopes that the National Research Council will find a new mechanism for giving financial support to research in this new area.

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