



STANFORD UNIVERSITY MEDICAL CENTER

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November 11, 1970

STANFORD UNIVERSITY SCHOOL OF MEDICINE
Department of Genetics

Richmond K. Anderson, M.D.
Program Director
Josiah Macy, Jr. Foundation
277 Park Avenue
New York, New York 10017

Dear Dr. Anderson,

Thank you for your letter dated September 14, 1970. I am happy to provide a financial statement covering the Macy Foundation support for the ACME Computing Facility. You will note on the attached statement that \$162,988.91 of the \$165,000 grant has been spent. Therefore we have an unexpended balance as of September 30, 1970, of \$2,011.09. If you have any questions concerning the statement, please let me know.

I am attaching four ACME notes to this letter which will help to explain the nature of ACME's work over the last few years. The most important point is that ACME is now a well established facility for the whole medical school community. It is subsidized mainly by a program grant from NIH, details of which are appended. We are gradually moving to full charging of users (through their individual research grants) save for a core program of research on computer innovation as such. This achievement follows directly from the initial support of the Macy Foundation.

The first note enclosed is a summary of publications or papers by our users. Although this list is incomplete, it does represent a significant portion of the published work by ACME's active users. A second ACME note is the paper by Walter Reynolds in the Genetics Department entitled "Instrumentation in a time-shared Environment". This is a description of the ACME system from the view point of a real time user working in spectroscopy.

The last two ACME notes attached to this letter describe the ACME system from a system designer's viewpoint. At present; approximately 300 research projects around the Medical School use ACME on a regular basis. The initial goal of designing a powerful computer tool that would be easy for medical researchers to learn and to use has been met and I believe has earned a very high regard among computer experts. In the near term ACME will devote considerable effort to becoming ever more reliable, support small machines more fully, and move on to more complex interaction on a real time basis with research instrumentation.

We appreciate your continuing interest in the ACME project. In August of 1969, the National Institutes of Health provided a grant for follow-on work to the ACME system covering a three year period. The small residual fund from the Macy Foundation grant will be reserved for minor crises that would otherwise impede the continuation of ACME's work.

Sincerely yours

Joshua Lederberg

Enclosures

LT. J. P. KENNEDY, JR. LABORATORIES FOR MOLECULAR MEDICINE, DEDICATED TO RESEARCH IN MENTAL RETARDATION