

June 1, 1964

Dr. Jonathan O. Cole
Psychopharmacology Service Center
National Institutes of Health
National Bank Building
6917 Arlington Road
Bethesda, Maryland 20014

Re: MI-08517-01
MI-07249-02

Dear Dr. Cole:

I am writing to obtain permission to transfer funds in the sum of \$10,300 from the Personnel category to the Equipment category, divided half-and-half between two grants, MI-08517-01 and MI-07249-02, to equip a second EEG laboratory to carry out the recordings necessary for both these studies. For neither program were funds originally requested for the establishment of EEG laboratories. We had planned to utilize the equipment provided by the State of Missouri for the studies, and have done so to date. The State provided a complete laboratory with a 12 channel Grass Model VI instrument. In addition, we assumed responsibilities for the EEG clinical laboratories of the St. Louis State Hospital as these had two electroencephalographs (Grass IV and Offner 8 channel).

Two of the instruments are part of the clinical program of the St. Louis State Hospital and the Missouri Institute of Psychiatry and are devoted largely to obtaining clinical records requested by our consultants as well as by members of my staff. This use has increased greatly as we have demonstrated the value of such recordings for the staff. The third instrument (Grass VI) has been in extended use in the program 07249, where we have been able to record many records on magnetic tape for computer analysis.

We have recently opened a new laboratory for the measurement of evoked potentials, as described in the program 08517. It is important in this study to obtain concurrent EEG recording and it is our desire to place one of the clinical instruments in this laboratory. To keep abreast of the requirements of the programs in 08517, 07249 and also those inherent in the correlary programs organized by Dr. Gershon and myself (08597), we find it necessary to equip another EEG laboratory.

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The full staff for the program 08517 will be completed this June. Because of the delays in appointment of scientists to this program, we have available funds in the Personnel category. It is these funds that I am requesting permission to transfer from Personnel to Equipment for the purpose of obtaining the following:

Grass Model VI Electroencephalograph, containing 12 channels of EEG, and 2 DC channels. We are asking for a 12 channel instrument to permit us to continue our areal surveys in our drug research and to provide sufficient flexibility for concurrent EMG, eye movement, EKG, and respiratory rate recording as these are necessary during the acute administration of new compounds. This equipment matches that provided by the State for the 07249 recordings. The Model VI has the advantage of suitable electronics for direct recording on magnetic tape with best linearity of all our instruments. This equipment is priced at \$9,500.

In addition, it will be necessary to obtain a variety of transducers and some ancillary equipment each varying in price from \$125 to \$200, for a total sum of \$800.

All other pieces of equipment required for such a laboratory such as chairs, desks, etc., are available at the Missouri Institute of Psychiatry, obtained through the budgets of the Institute last year.

Since the equipment will be used both for recording with new compounds and for continuous surveys of the chronic schizophrenic populations, it would be appropriate to charge both grants, approximately equally, for this equipment.

Thank you very much for your consideration.

Sincerely yours,

Max Fink, M. D.
Principal Investigator 07249
Co-Investigator 08517

Lewis B. Stuart
President
Psychiatric Research Foundation

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