

P.P.

January 22, 1964

Dr. Takumi Ikuta
Department of Neuropsychiatry
Kyushu University School of Medicine
Fukuoka, Japan

Dear Dr. Ikuta:

I am grateful for your letter of application and for the accompanying letters from Professors Inanaga and Sakurai.

After some discussion, I believe there is an opportunity for one with your background in our laboratory in human neurophysiology under the direction of Dr. Turan Itil. In the study programs now in progress, we are interested in measuring changes in the electroencephalogram for response to various psychotropic drugs and to relate these changes to the problems of the severe mentally ill. One immediate project is with regard to the changes in frequency pattern after pentothal, ditran, LSD, and chlorpromazine and to relate the pattern of changes to the pneumoencephalogram and the psychopathological status of the individual.

The EEG changes are recorded on three encephalographs. The various patterns are analyzed by three devices: Visual analysis by Dr. Itil; frequency analysis using two frequency spectral analyzers; and in selected records computer analysis of the digitized EEG. For the latter analysis, we have developed a complete computer center, including our own A-D converter, a 1620 IBM central processor and various other pieces of peripheral equipment.

There is one additional aspect of this program which we would like to incorporate. This is the measurement of evoked potentials in patients before and after the administration of drugs. We believe that this measurement could be done at the same time as

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the other drug studies. For this study, we already have one Computer of Average Transients(Mnemotron),and can modify our IBM 1620 as a second instrument, if necessary.

I should be pleased to offer you an opportunity to work in this program effective on or about April 1, 1964. If this date is satisfactory, I would be pleased to confirm the appointment. I would also appreciate your suggestion of a reasonable starting salary.

Such a position is in the laboratory, and does not require, for the present, completion of the ECFMG examination. It would be imperative, however, that such examination be completed satisfactorily here in the States for advancement if work with human subjects is contemplated. I would suggest immediate application to the ECFMG, even if the examination will be taken at some later date.

Accommodations are not provided at this institution, but there are apartments and homes available within ten minutes of the hospital. For all of our visiting scientists, we provide temporary accommodations at the hospital for a few weeks until other arrangements can be made. In addition, we have some allowances available for relocation of scientists, with arrangements for repayment in part during tenure.

I would appreciate a photograph as well as a handwritten reply to this letter.

Sincerely yours,

Max Fink, M. D.
Director

MF:mlg