

August 26, 1963

Dr. James Margerison  
Institute of Psychiatry  
The Maudsley Hospital  
Denmark Hill  
London, S.E. 5, England

Dear Jim:

The last few months have been most productive and, at long last, I feel that I am getting back to the laboratory! It has been a year since I visited England and I still recall that trip with great pleasure.

Miss Walton has started to work with us and, as you and the other referees indicated, she is a conscientious worker. There may be some difficulty in training her in the use of some of the newer equipment which we now have, but Dr. Itil likes her and I think she will work out very well.

Dr. Ulett received a letter from Dr. Driver recommending the consideration of Dr. Serafetinides for a position here. George asked me to handle this and I have written to him, separately, suggesting that he discuss with you your visit to our laboratories. In the event that he is interested in joining our staff, I have asked that he send me a copy of his curriculum vitae. In addition, I should be grateful for your recommendation concerning the possibility of his making a contribution to the development of our units.

Our computing unit is now functioning and my own facility is increased to a point where I have written some simple programs. The first project was to write a period analysis program, following the model of Neil Burch. This has been done and it works very well. We are now able to take an EEG and carry out all the steps of analysis up to the final drafting of the graphs. We are now trying to develop some simple style procedures that will handle the large number of calculations and provide us with some simple measures of the changes of the EEG. The major advantage of this form of analysis is the apparent dependence of frequency and amplitude, as well as the ability to reflect changes in frequencies higher than 30 cycles per second. Of course, with such a sensitive method we are now faced with the problems of our amplifiers and find that the frequency responses of even the newest and best, is limited to a small band. We are going to apply this method first to the simple problem of defining the changes in pentothal and as soon as I have some definitive information, I should be pleased to send it to you for your comments.

My best regards to Sheila.

Sincerely yours,

Max Fink, M. D.  
Director