

P.P.

January 13, 1964

Dr. G. K. Shaw
Bexley Hospital
Dartford Heath
Bexley, Kent
England

Dear Dr. Shaw:

Thank you for your recent inquiry. The Missouri Institute of Psychiatry is the research and training center of the Division of Mental Diseases of Missouri. It was established in October, 1962, with laboratory and clinical facilities for research. At the present time, of 150 beds, we are utilizing 70 for research purposes. Laboratories are established in pharmacology, psychology, and electroencephalography, as well as a computer center for both statistical and EEG analyses. There is a specialized psychiatric research library as a component part of the Institute. Animal facilities are now being built.

The computer center of the Institute is equipped with an IBM 1710 system. This permits the conversion of analog signals taken from the body, and their manipulation by various statistical programs. The computer is now being used to study the analysis of EEG potential. Statistical programs for the analysis of rating scales, plotting various relationships and special programs for factor analysis, discriminant analysis and other specialized techniques are also in use. In addition, the computer center is embarking on an information retrieval study program. Much of the work of the center is carried out in conjunction with the large computer of Washington University. This collaboration makes feasible the training of scientists at the Institute in computer techniques - an opportunity available in relatively few centers in this country.

Since the application of computer sciences to medicine is a study in its infancy, there are two groups of students - computer specialists with some interest in medical problems, and physicians

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with some mathematical ability. Since very few physicians are trained in the computer sciences, it has been part of our program to train our staff. We have not yet determined the best qualification other than unflagging patience and zeal.

In addition, there is a fully qualified three-year psychiatric residency training program at the Institute, and a special training program in clinical psychology is being established. Both in the research programs and in the training programs, the Institute is affiliated with the Department of Psychiatry of Washington University School of Medicine.

At the present time, there are a number of research programs in progress. These include Lithium as a therapy for mania; the use of Yohimbine as a precipitant of anxiety and the development of antianxiety agents; relation of EEG patterns and organic factors in the treatment of therapy resistant psychotics; computer analysis of the electroencephalogram; the effects of drug withdrawal on behavior in the chronically ill; and the treatment of psychotics by nurse relationship therapy.

Accommodations are available for rental or for sale within ten minutes of the Institute. It is our custom to provide temporary accommodations at the institution for scientists appointed from overseas.

Appointments are made at salary levels commensurate with experience with a minimum salary being \$12,000 per annum. In addition to research experience, satisfactory completion of the DPM is weighed heavily in the determination of salary. Satisfactory completion of the ECFMG examination with either a temporary or permanent certificate is prerequisite to appointment.

I am enclosing a 1962 description of the Institute. If this opportunity interests you, I would appreciate a copy of your curriculum vita listing chronologically your educational and professional experience. In addition, a small photograph and the names of at least two referees to whom we may write would be most helpful.

Sincerely yours,

Max Fink, M. D.
Director

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