SCOTTISH MENTAL HOSPITALS' PATHOLOGICAL SCHEME.

REPORT OF THE BOARD FOR 1937.

[*Abstract.*]

As foreseen last year, in October the Board lost the services of Dr., now Professor, J. H. Biggart, who was appointed to the Chair of Pathology at Queen's University, Belfast. Prof. Biggart had served as Pathologist for four years, and during that time, in addition to much most notable research work, had reorganized the work of the Laboratory and, particularly, had begun and developed a collection of specimens, both preserved and microscopic, which is already of the greatest assistance to students and has a considerable pecuniary value too. During his service with the Laboratory, Prof. Biggart published a book on the Pathology of the Nervous System, which is likely to be the text-book on that subject for many years.

As Prof. Biggart's successor, the Board have appointed Dr. A. Colin P. Campbell, who brought high recommendations for ability in his speciality and already has a reputation for original work.

The Board are happy to report the continued liaison between the Scheme and both the University of Edinburgh and the Royal Infirmary. Dr. Campbell has succeeded Prof. Biggart in the appointments of Lecturer in Neuropathology to the former and as Neuropathologist in the latter.

The courses of lectures and demonstrations, which Dr. Campbell gives in these capacities, may be attended by any of the medical staffs of contributing hospitals.

The Board are gratified at the favourable opinion expressed by the Director on the work of the Laboratory Staff, particularly that of Mr. Sommerville, who entered the service of the Laboratory in 1913.

The Committee now consists of Prof. D. K. Henderson (*Chairman*), Sheriff A. D. Donald, Dr. R. B. Campbell, Dr. G. Douglas McRae, Prof. J. T. Mackie, Dr. T. R. C. Spence, Dr. W. N. J. Chapman, and Dr. W. D. Chambers (*Honorary Secretary and Treasurer*).

In the Director's Report the following special investigations, in addition to routine work, are referred to:

Up to the time of his departure from the laboratory Dr. Biggart continued his work on experimental diabetes insipidus. Since Dr. Biggart's departure Dr. Campbell has continued work on the vascular arrangements in the central nervous system which he had begun while he was in America. This is work of basic importance in the study of brain pathology, and is being pursued both histologically and experimentally.

The following paper was completed in the laboratory by Dr. Campbell: "The Vascular Architecture of the Cat's Brain: A Study by Vital Injection." This was read in December, 1937, at New York at the Symposium of the American Association for Research in Nervous and Mental Diseases, and it will be published shortly in the annual volume produced by this Association.

Work is now in progress on the following subjects:

(1) "The Experimental Production of Spasm of the Cerebral Vessels." (In collaboration with Dr. W. Melville Arnott.)

(2) "An Embryological Study of the Development of the Cerebral Capillaries."

(3) "An Experimental Study of the Quantitative Variation of the Cerebral Capillary Bed under Different Conditions."

(4) "Review of a Series of Cases of Wernicke's Encephalopathy." (With Prof. J. H. Biggart.) It is proposed to present a paper on this work at the coming July meeting in Edinburgh of the Pathological Society of Great Britain and Ireland.

(5) "The Experimental Production of Hypo- and Hyperthermia by Hypothalamic Lesions." (With Dr. Dolietis.)

https://doi.org/10.1192/S0368315X3824479X Published online by Cambridge University Press