

Tropical Medicine Society of Washington.

Society of Protozoologists.

American Association for the Advancement of Science.

Sigma Xi.

Research interests: Cultivation, epidemiology, and pathogenicity of parasitic protozoa: immunology and serology of protozoan and helminthic infections. Particularly interested in toxoplasmosis (life cycle and epidemiology, immunity, diagnostic procedures, ocular and other clinical manifestations and serology).

STATEMENT OF DR. LEON JACOBS, DEPUTY ASSISTANT SECRETARY FOR SCIENCE, DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, ACCOMPANIED BY DR. G. BURROUGHS MIDER, DIRECTOR OF LABORATORIES AND CLINICS, NATIONAL INSTITUTES OF HEALTH

Dr. JACOBS. Mr. Chairman, I am happy to have the opportunity to appear before you today to discuss the work which is being carried on in the various laboratories of the Department of Health, Education, and Welfare and the way in which these laboratories are managed. Because of the varied mission of DHEW laboratories, my prepared remarks are general. I am not now a laboratory director, although I have been one at NIH. Therefore, I am accompanied by Mr. Reo E. Duggan, Deputy Associate Commissioner for Compliance, Food and Drug Administration; Dr. John C. Eberhart, Director of Intramural Research, National Institute of Mental Health; Dr. G. Burroughs Mider, Director of Laboratories and Clinics, National Institutes of Health; and Dr. Winston M. Decker, Director, Office of Research and Development, Bureau of Disease Prevention and Environmental Control.

The Department conducts laboratory research in the Public Health Service which now includes the Food and Drug Administration, the National Institutes of Health, and the Health Services and Mental Health Administration. Very few generalizations can be made about these laboratories, since the type of research carried on by each bureau and even the type of research carried on within a bureau is so diverse.

Our major research efforts are in the biomedical sciences. Our storehouse of biomedical information is much less complete than the data base available to the physical scientist. Biological science has nothing comparable to the critical tables so essential to the physicist, chemist, or engineer. We are not so frequently organized for the accomplishment of a specific, defined, developmental mission as are some of the laboratories devoted to these more exact sciences, although we do indeed have various developmental programs.

Biomedical scientists are convinced that a better understanding of the ways of the body functions, from the total organism to its minutest subunits, will point the way toward better management of sick people and enhanced development of human capabilities. Our field has always been a mixture of the fundamental and applied—a free-ranging scientific inquiry as well as a vigorous capability to cope with the practical problems of health and disease.

An important policy all DHEW laboratories follow is to communicate continually with their counterparts in the academic world and in the broad scientific community. There is an effective interchange of