

## STANDARDS FOR PHOTOGRAPHIC CINEMATOGRAPHIC EQUIPMENT

A COMMITTEE of the American Standards Association to develop standards for important photographic and cinematographic equipment used by the armed forces, has been set up by the association at the request of the War Production Board on the initiative of the Army Pictorial Service. It includes representatives of the Signal Corps, Air Force, the Photographic Section of the Bureau of Aeronautics of the U. S. Navy, the Engineers Corps, the Marine Corps and manufacturers of photographic and cinematographic equipment. The Society of Motion Picture Engineers is represented, and the Research Council of the Academy of Motion Picture Arts and Sciences is being invited to appoint a representative.

R. B. Shepard, of the War Production Board, has been appointed chairman of the new committee. J. W. McNair, of the staff of the association, serves as secretary.

Following recommendations of the Armed Forces Committee under the chairmanship of Captain Lloyd Goldsmith, of the Army Pictorial Service, a number of projects has been undertaken. Probably the most important of these is development of a specification for a service model 16mm sound film projector.

The committee has made definite assignment of all projects requested by the Armed Forces to task committees, instructed to proceed with the utmost speed in the development of the specifications.

The projects include the following developments:

A standard specification for slide-film projectors, to include both manually and electrically operated projectors for 35mm slide-film and 2×2 inch slides.

A standard specification for measuring the performance characteristics of still camera shutters.

A standard performance specification including characteristics and methods of test for photographic exposure meters.

A performance and test specification for still picture contact printers.

A specification for 16mm motion picture test films.

A specification for standards of quality and control of processing and printing 16mm film.

A specification for the size and shape of 16mm and 35mm picture apertures of optical reduction printers and 16mm contact printers.

A specification for the size and shape of the photographic apertures of 16mm and 35mm motion picture cameras.

A specification for the size and shape of 16mm and 35mm motion picture camera view finder apertures.

A specification for a standard registration distance for 16mm and 35mm camera lenses.

A specification for a 35mm motion picture camera drive motor to operate from either 12 or 24 volts D.C. both of which voltages are used by the services.

A specification for camera noise measurements and acceptable limits for 16mm and 35mm sound motion picture cameras, sizes that are widely used in civilian life as well as by the services.

A performance specification for 16mm portable projection screen.

## FELLOWSHIPS OF THE NATIONAL FOUNDATION FOR INFANTILE PARALYSIS

THE National Foundation for Infantile Paralysis has set aside the sum of \$50,000 for fellowships in health education. Under this program, which has been developed in cooperation with the U. S. Public Health Service, qualified men and women will go into training beginning with this autumn.

Candidates for the fellowships will be selected by an advisory committee of the U. S. Public Health Service, and those accepted will be assigned to the schools of public health of Yale University, the University of Michigan and the University of North Carolina.

A bachelor of science degree, or its equivalent from a recognized college or university, is an essential qualification for one of these fellowships leading to the master of science degree in public health. Training will consist of nine months' academic work, followed by three months of supervised field experience.

Women between the ages of nineteen and forty who have the above educational qualifications and who are citizens of the United States are eligible. Men who are citizens over thirty years of age also may apply, and the War Manpower Commission has declared Selective Service registrants in 4F and 1AL classifications as eligible for these fellowships.

The fellowship provides a stipend of \$100 monthly for twelve months, tuition and university fees to the school and expenses for field service. Applications can be obtained from the Office of the Surgeon General, U. S. Public Health Service, Washington 14, D. C. Applications must be accompanied by a transcript of college credits and a small photograph, and must be in the Office of the Surgeon General not later than August 15.

## THE GIBSON ISLAND CONFERENCE ON CANCER

THE final program of the Conference on Cancer to be held at Gibson Island, Md., under the auspices of Section C of the American Association for the Advancement of Science, is as follows:

*July 31*

Albert Claude: Topography of Cell Function.

E. W. Shrigley and Francisco Duran-Reynals: The Biology of Virus-induced Tumors.

Alfred Taylor: Virus Production of Mammalian Tumors.

W. Ray Bryan and H. Kahler: Virus Studies with Newer Techniques.