

for research at Yale University this year are of foreign birth. These include Dr. Blythe A. Eagles, of the University of Toronto, who is conducting research in biochemistry; Amihud Crasovsky, of Jaffa, Palestine, a graduate of the University of California, who is in the department of botany; Catherine L. T. Lucas, B.Sc., University of London, M.Sc., London School of Tropical Medicine and Hygiene, who is in the department of zoology; Paul Slavenas, of the University of Lithuania, Kaunas, Lithuania, who is conducting research in astronomy, and Desire T. Veltman, of the University of Holland, of Dutch citizenship, who is in the department of philosophy. Mr. Dirk Brouwer, who is assistant at the observatory at Leiden, Holland, is doing work in astronomy at Yale.

The Lilly research fellowship in organic chemistry has been awarded this year for the first time. The recipient is Dr. Richard Helmuth Fred Manske, Ph.D., Manchester University, England, 1926. Dr. Manske is conducting research in organic chemistry under Professor Treat B. Johnson.

Among the visiting members of the faculties of other institutions who are making use of the facilities of the university are, Professor Magumi Eri, of the Higher School for Women, of Nari, Japan, who is working under Professor Ross G. Harrison in the department of zoology; Professor C. C. Chen, Ph.D., Yale, of Shanghai College, who is undertaking special research in bacteriology, and Miss Isabella Gordon, Ph.D., University of London, from Scotland, is doing research work in zoology and anatomy.

#### PUBLIC LECTURES ON ASTRONOMY

A SERIES of five "Open Nights," under the auspices of the Bond Astronomical Club, are being held at the Harvard College Observatory. A short non-technical talk is followed, when the weather permits, by telescopic observations of celestial objects. Exhibits showing the work of the observatory are explained by members of the club. Tickets for these open nights must be obtained in advance. There is no charge for admission. The lectures begin at 7:45 P. M. The dates, titles of lectures and the speakers are as follows:

Oct. 10.—*The full moon and the eclipsed moon.* Dr. W. J. Fisher.

Oct. 13.—*The winter constellations.* Dr. Cecilia H. Payne.

Oct. 18.—*The planets.* Mr. Leon Campbell.

Oct. 24.—*New stars.* Dr. Annie J. Cannon.

Oct. 27.—*Star clouds and nebulae.* Professor Solon I. Bailey.

The Astronomical Society of the Pacific has ar-

ranged two series of lectures for the coming season, one of six lectures at Culbertson Hall, Pasadena, and one of six lectures at the Public Library, Los Angeles. All of these are free to the public, although tickets, which may be obtained at the office of the Mount Wilson Observatory, will be needed for admission to all lectures in Culbertson Hall. All the lectures are to begin at 8:00 P. M. The subjects, dates and lecturers are:

#### *Culbertson Hall, Pasadena*

Sept. 29.—*Sun rays in the service of man.* Dr. C. G. Abbot.

Oct. 27.—*The exploration of space.* Dr. E. P. Hubble.

Nov. 17.—*Sun-spots.* Dr. S. B. Nicholson.

Dec. 15.—*Stars in action.* Professor A. H. Joy.

Jan. 26.—*How stars are made.* Dr. H. N. Russell.

Feb. 24.—*Our planet neighbors.* Dr. R. G. Aitken.

#### *Public Library, Los Angeles*

Dec. 15.—*Telescopes.* Dr. F. G. Pease.

Jan. 19.—*The sun.* Professor F. Ellerman.

Feb. 23.—*The solar system.* Dr. R. G. Aitken.

March 23.—*Giant and dwarf stars.* Dr. F. C. Leonard.

#### CHANGES IN THE ORGANIZATION OF THE U. S. BUREAU OF STANDARDS

AN important change in the administrative organization of the U. S. Bureau of Standards, which it is believed will make for increased efficiency through a better grouping of the bureau's numerous activities, has been announced by the director, Dr. George K. Burgess.

Under the new arrangement, Dr. L. J. Briggs has been appointed assistant director in charge of research and testing, while Ray M. Hudson becomes assistant director in charge of commercial standards.

The regrouping is a recognition of the importance of standardization in the commercial world, this portion of the bureau's work having grown with great rapidity during the last few years.

As stated above, the bureau's activities will be divided into two main groups. The first, under the immediate supervision of Dr. Briggs, will include all the bureau's scientific research and testing, the development, construction, custody and maintenance of reference and working standards and their intercomparison, improvement and application in science, engineering, industry and commerce.

The second group, headed by Mr. Hudson, will include the supervision, direction, formulation and coordination of commercial standards, with particular reference to the needs of industry, involving the oversight of the division of simplified practice, division of commercial standards and part of the work of the division of building and housing relating to codes and