

February 13—"Nervous Diseases in Children," by Dr. W. N. Bullard.

February 19—"Uses of the Microscope," by Dr. H. C. Ernst.

February 20—"Laboratory Methods, with the Microscope and Otherwise," by Dr. J. L. Bremer.

February 26—"What the Public may Rightfully expect from the Dentist," by Dr. C. A. Brackett.

February 27—"How Tumors Look under the Microscope" (illustrated), by Dr. F. B. Mallory.

March 5—"Foot Discomfort: its Cause and Rational Treatment," by Dr. R. B. Osgood.

March 6—"The Care of the Skin in Health and Disease," by Dr. C. J. White.

March 12—"The Treatment of Surgical Tuberculosis," by Dr. E. H. Bradford.

March 13—"The Abdominal Emergencies and the Need of Early Recognition and Prompt Remedy," by Dr. M. H. Richardson.

March 19—"The Hygiene of Early Life," by Dr. T. M. Rotch.

March 20—"The Dietetics of Early Life," by Dr. C. H. Dunn.

March 26—"Poliomyelitis Anterior Acuta," by Dr. J. L. Morse.

March 27—"The Diagnosis of Acute Febrile Disease," by Dr. Henry Jackson.

April 2—"The Value and Uses of the X-ray," by Dr. Percy Brown.

April 3—"How to Gain or Lose Weight," by Dr. F. W. White.

April 9—"The Way and How of Breathing," by Dr. E. G. Martin.

April 10—"Personal Hygiene" (to women only), by Dr. C. M. Green.

April 16—"The Nature and Proportion of Cures in Insanity," by Dr. E. E. Southard.

April 17—"Insanity and Modern Civilization," by Dr. F. H. Packard.

April 23—"Medical Advertisements and Kindred Subjects" (to men only), by Dr. Abner Post.

April 24—"On the Etiology of Certain Diseases Peculiar to the Tropics," by Dr. E. E. Tyzzer.

April 30—"The Healthy Man and his Bacteria," by Dr. A. M. Worthington.

THE CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING

At the meeting of the trustees of the foundation, held on November 17, the rules for the granting of retiring allowances were amended so as to recognize service as an instructor in

the retirement on the basis of age or disability, and the right to retirement for professors under sixty-five years of age with a minimum of service of twenty-five years was restricted to cases of disability. The retiring allowances of widows of professors who have served twenty-five years are retained.

The amended rules read as follows:

RULE I

Any person sixty-five years of age who has had not less than fifteen years of service as ~~an~~ professor, or not less than twenty-five years of service as instructor¹ or as instructor and professor, and who is at the time a professor or an instructor in an accepted institution, shall be entitled to an annual retiring allowance computed as follows:

(a) For an active pay of twelve hundred dollars or less, an allowance of one thousand dollars, provided no retiring allowance shall exceed ninety per cent. of the active pay.

(b) For an active pay greater than twelve hundred dollars the retiring allowance shall equal one thousand dollars, increased by fifty dollars for each one hundred dollars of active pay in excess of twelve hundred dollars.

(c) No retiring allowance shall exceed four thousand dollars.

Computed by the formula: $R = A/2 + 400$, where R = annual retiring allowance and A = active pay.

RULE II

Any person who has had twenty-five years of service as a professor or thirty years of service as professor and instructor, and who is at the time either a professor or an instructor in an accepted institution, shall, in the case of disability unfitting him for the work of a teacher as shown by medical examination, be entitled to a retiring allowance computed as follows:

¹ An instructor is held to be a college or university teacher to whom is assigned independent teaching or the conduct of laboratory work or of classes under the direction or supervision of a professor or head of a department. The term is not intended to include demonstrators, mechanics, laboratory helpers or other assistants who are not charged with the responsibility for the conduct of college classes, nor is it held to include those who give any considerable part of their time to gainful occupations other than college teaching. The foundation reserves the right to decide in all doubtful cases what constitutes service as an instructor.

(a) For an active pay of twelve hundred dollars or less, a retiring allowance of eight hundred dollars, provided that no retiring allowance shall exceed eighty per cent. of the active pay.

(b) For an active pay greater than twelve hundred dollars, the retiring allowance shall equal eight hundred dollars, increased by forty dollars for each one hundred dollars in excess of twelve hundred dollars.

(c) For each additional year of service above twenty-five for a professor, or above thirty for an instructor, the retiring allowance shall be increased by one per cent. of the active pay.

(d) No retiring allowance shall exceed four thousand dollars.

Computed by the formula: $R = A/100(b + 15) + 320$, where R = retiring allowance, A = active pay and b = number of years of service.

RULE III

A widow who has been for ten years the wife of a teacher, who at the time of his death was in receipt of a retiring allowance, or who at the time of his death was eligible to a retiring allowance, or who had had twenty-five years of service as a professor or thirty years of service as an instructor and professor, shall receive as a pension one half of the retiring allowance to which her husband was entitled under rule I. or would have been entitled under rule II. in case of disability.

RULE IV

In the preceding rules, years of leave of absence are to be counted as years of service, but not exceeding one year in seven. Librarians, registrars, recorders and administrative officers of long tenure whose salaries may be classed with those of professors and assistant professors, are considered eligible to the benefits of a retiring allowance.

RULE V

Teachers in the professional departments of universities whose principal work is outside the profession of teaching are not included.

RULE VI

The benefits of the foundation shall not be available to those whose active service ceased before April 16, 1905, the date of Mr. Carnegie's original letter to the trustees.

RULE VII

In counting years of service toward a retiring allowance it is not necessary that the entire service shall have been given in institutions upon

the accepted list of the foundation, but only years of service in an institution of higher education will be accepted as an equivalent.

RULE VIII

In no case shall any allowance be paid to a teacher who continues to give the whole or a part of his time to the work of teaching as a member of the instructing staff of any institution.

RULE IX

The Carnegie Foundation for the Advancement of Teaching retains the power to alter these rules in such manner as experience may indicate as desirable for the benefit of the whole body of teachers.

SCIENTIFIC NOTES AND NEWS

READERS of SCIENCE will have learned with regret of the circumstances leading to the retirement of Mr. Gifford Pinchot from the direction of the Forest Service.

DR. C. F. CHANDLER, since 1864 professor of chemistry in Columbia University, will retire from active service at the close of the present academic year. The trustees have passed a resolution expressing their high appreciation of his services to the university.

PROFESSOR THEODORE W. RICHARDS, of Harvard University, has been reappointed research associate of the Carnegie Institution of Washington, having received a new grant of \$2,500 for the continuation of his researches on atomic weights and other physico-chemical constants.

PROFESSOR G. P. BAXTER has also been reappointed a research associate of the institution and a grant of \$1,000 has been made to him for the continuation of investigations upon atomic weights.

PROFESSOR E. J. WILCZYNSKI, of the University of Illinois, has been awarded a prize of eight hundred francs by the Royal Academy of Science, Letters and Fine Arts of Belgium, for his memoir on "The General Theory of Congruences." This prize was announced some time ago by the academy for the most noteworthy development of some phase of the application of differential geometry to ruled space.