

ing of April 19. Addresses will be made by Hon. S. W. T. Lanham, governor of Texas; Hon. R. B. Cousins, state superintendent of public instruction; Hon. T. T. Connally, of Marlin, representing the alumni; Dr. George P. Garrison, professor of history, representing the faculty; Hon. T. S. Henderson, representing the board of regents, a representative of the student body; President Benjamin Ide Wheeler, of the University of California; President George Edwin MacLean, of the State University of Iowa; and Chancellor James Hampton Kirkland, of Vanderbilt University, following which President Houston will deliver his inaugural address.

Dr. Houston is a graduate of South Carolina College and Harvard University. From 1894-1902 he filled the chair of political science in the university over which he has now been called to preside; from 1899-1902 he was dean of its faculty, and from 1902-1905 he was president of the Agricultural and Mechanical College of Texas.

THE AMERICAN PHILOSOPHICAL SOCIETY.

At the general meeting of the American Philosophical Society, to be held in memory of the two-hundredth anniversary of the birth of Franklin in Philadelphia from April 17 to 20, the following program will be presented:

Tuesday evening, April 17, at Witherspoon Hall, Walnut Street, below Broad Street. The delegates, invited guests and members of the society are requested to meet in Westminster Hall, fourth floor, at 7:45 P.M.

Opening Session—8 P.M.

Address by the president, Edgar F. Smith; reception of delegates from learned societies and institutions of learning; presentation of addresses; an informal reception will be held in the assembly room, after adjournment.

Wednesday, April 18, in the Hall of the Society, on Independence Square (104 South Fifth Street).

Meetings for the reading of papers on subjects of science—10 A.M. and 2 P.M.

PROFESSOR WM. KEITH BROOKS, of Baltimore: 'Heredity and Variation, Logical and Biological.'

PROFESSOR THOMAS C. CHAMBERLIN, of Chicago:

'On a possible Reversal of the Deep Sea Circulation and its Effect on Geological Climates.'

FRANK WIGGLESWORTH CLARKE, Sc.D., of Washington: 'The Statistical Method in Chemical Geology.'

SIR GEORGE DARWIN, K.C.B., F.R.S., of Cambridge, England: 'The Figure and Stability of a Liquid Satellite.' (With lantern slides of diagrams.)

PROFESSOR WILLIAM MORRIS DAVIS, of Cambridge, Mass.: 'Was Lewis Evans or Benjamin Franklin the first to recognize that the Northeast Storms come from the Southwest?'

PROFESSOR FRANCIS BARTON GUMMERE, of Haverford, Pa.: 'Repetition and Variation in Poetic Structure.'

PROFESSOR PAUL HAUPT, of Baltimore, Md.: 'The Herodotean Prototype of Esther and Sheherazade.'

PRESIDENT DAVID STARR JORDAN, of Stanford University, Cal.: (Title to be announced later.)

PROFESSOR ALBERT A. MICHELSON, of Chicago: (Title to be announced.)

PROFESSOR EDWARD C. PICKERING, of Cambridge, Mass.: 'An International Southern Observatory.'

PROFESSOR JOSIAH ROYCE, of Cambridge, Mass.: 'The Present Position of the Problem concerning the First Principles of Scientific Theory.'

PROFESSOR WILLIAM B. SCOTT, of Princeton: 'Notes on a Collection of Fossil Mammals from Natal.'

PROFESSOR HUGO DE VRIES, of Amsterdam, Holland: 'Elementary Species in Agriculture.'

Executive Session—12:30 P.M.

Luncheon will be served in the hall at one o'clock.

Evening Session—8 P.M., at Witherspoon Hall, Walnut Street below Broad Street.

ADDRESSES.

PROFESSOR EDWARD L. NICHOLS, Ph.D., of Ithaca: 'Franklin's Researches in Electricity.'

PROFESSOR ERNEST RUTHERFORD, F.R.S., of Montreal: 'The Modern Theories of Electricity and their Relation to the Franklinian Theory.'

Thursday, April 19, at the American Academy of Music, Broad and Locust Streets, 11 A.M.

Conferring of honorary degrees by the University of Pennsylvania.

Oration by the HON. HAMPTON L. CARSON, Attorney General of the Commonwealth of Pennsylvania.

At Christ Church Burying Ground, Fifth and Arch Streets, 3 P.M.

Ceremonies at the grave of Franklin under the auspices of the Grand Lodge of F. & A. M., of Pennsylvania. The delegates and members will assemble in the hall of the society, on Independence Square, at 2:30 o'clock and proceed to the grave of Franklin.

At the Bellevue-Stratford, Broad and Walnut Streets, 9 P.M. Reception.

Friday, April 20, at the American Academy of Music, Broad and Locust Streets, 11 A.M. The delegates, invited guests and members will meet in the foyer of the academy at 10:45 A.M.

Addresses in Commemoration of Benjamin Franklin.

HORACE HOWARD FURNESS, D.Litt. (Cantab.): 'As Citizen and Philanthropist.'

CHARLES WILLIAM ELIOT, LL.D.: 'As Printer and Philosopher.'

JOSEPH HODGES CHOATE, LL.D., D.C.L.: 'As Statesman and Diplomatist.'

Presentation of the Franklin Medal to the Republic of France (in accordance with the Act of Congress), by the HONORABLE ELIHU ROOT, secretary of state (by direction of the President).

7 P.M., dinner at the Bellevue-Stratford.

SCIENTIFIC NOTES AND NEWS.

THE National Academy of Sciences will hold its annual meeting at Washington, beginning on April 16.

DR. A. GRAHAM BELL has sailed for England; he will return in time to attend the meeting of the regents of the Smithsonian Institution on May 10.

PROFESSOR IRA N. HOLLIS has been appointed delegate of Harvard University at the fiftieth anniversary meeting of the Society of German Engineers, to be held at Berlin from June 11 to 14, 1906.

PROFESSOR EUGEN KÜHNEMANN, of the University of Bonn and at the same time rector of the Royal Academy organized at Posen in 1903, will lecture at Harvard University next year, representing Germany in the inter-

change of professors between Harvard University and the German government. Professor Kühnemann is known for his contributions to philosophy and literature.

THE students of Edinburgh University propose to honor Sir William Turner, principal of the university and formerly professor of anatomy, on the occasion of his having completed fifty years of active official academic connection with the university.

DR. C. J. KEYSER, Adrain professor of mathematics at Columbia University, has been elected a member of the Circolo Matematico di Palermo.

DR. G. A. SCHWALBE, professor of anatomy at Strasburg, has been elected a foreign member of the Swedish Academy of Sciences.

DR. A. HEIM, professor of geology at Zurich, has been elected a corresponding member of the Paris Academy of Sciences.

THE council of the Anthropological Institute of Great Britain and Ireland has appointed Professor F. W. Putnam, as its senior honorary fellow in America, to represent the institute at the meeting of the American Philosophical Society which is to be held next week in celebration of the bi-centenary of Benjamin Franklin. Dr. George Grant MacCurdy, of Yale University, will represent the Paris School of Anthropology and the Paris Society of Anthropology on the same occasion.

DR. HERMANN M. BIGGS, medical officer of the Board of Health of New York City, is to leave shortly to make a three months' official tour of inspection of the European hospitals and water filtration plants.

DR. DUNCAN S. JOHNSON, of the Johns Hopkins University, sailed for Jamaica on April 5 to spend two months at the Cinchona station of the New York Botanical Garden. He will be joined there by Messrs. W. D. Hoyt and I. F. Lewis, students at Johns Hopkins University. Dr. Forrest Shreve, Bruce fellow of the same institution, is spending the year at Cinchona in work on the physiology and ecology of the forest of the Blue Mountains.