

## HARVARD MEDICAL SCHOOL, 2 P. M.

Remarks by A. Lawrence Lowell, Ph.D., president, Harvard University.

The honors course, Elias P. Lyon, dean, University of Minnesota Medical School.

"Full Time," Frederick T. Van Buren, Jr., associate dean, Columbia University College of Physicians and Surgeons.

The handling of the superior student, David L. Edsall, dean, Harvard University Medical School.

Cooperative education in medicine, Newton Evans, president, College of Medical Evangelists, Calif.

The curriculum, Fred C. Zapffe, secretary, Association of American Medical Colleges.

Importance of physical plant in the correlation of teaching in medicine, Raleigh R. Huggins, dean, University of Pittsburgh School of Medicine.

Better correlation of teaching of science branches with clinical subjects, Henry C. Tinkham, dean, University of Vermont College of Medicine.

Administration of hospital medical school, Thomas Orway, dean, Albany Medical College.

Promotion of friendliness between faculty and students, Walter L. Niles, dean, Cornell University Medical College.

An initiatory course for freshmen, Stephen Rushmore, dean, Tufts College Medical School.

The business session will be held at the Boston Medical Library, Saturday, March 7, at 9:30 P. M.

#### GRANTS OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE IN AID OF RESEARCH

By action of the Committee on Grants for Research of the American Association for the Advancement of Science the 1925 appropriation of \$3,000 for grants has been allotted as follows:

##### Mathematics.

Henry W. Stager, Seattle, Wash. Building computing machine for supplying needs for construction of a list of prime numbers and a factor table. \$250.

##### Physics.

E. K. Plyler, University of North Carolina. Spectrometer for researches in infra-red. \$250.

##### Astronomy.

A. O. Leuschner, University of California. Towards a study of perturbations of minor planets. \$300.

##### Geology.

G. R. Wieland, Yale University. Investigations for developing apparatus for cutting tough, elastic rocks. \$150.

##### Zoology.

Paul S. Galtsoff, U. S. Bureau of Fisheries. Investigations of development of sponges from dissociated cells. \$250.

S. O. Mast, Johns Hopkins University. Study of effects of chemicals on movement and response in amoeba. \$250.

##### Botany.

E. B. Babcock, University of California. Investigations in European herbaria regarding *Crepis*. \$300.

Josephine E. Tilden, University of Minnesota. Illustrative material to complete a monograph on brown algae of Pacific Ocean. \$125.

R. B. Wylie, University of Iowa. Continuation of studies in wound reactions of certain plants of the Pacific coast. \$150.

##### Anthropology.

*American Journal of Physical Anthropology*, endorsed by Section H. Aid toward publication. \$250.

##### Psychology.

Asa A. Schaeffer, University of Kansas. Continuation of study of tendency of man to walk spirally when orienting senses not functioning. \$100.

##### Anatomy.

L. T. Royster, University of Virginia Hospital. Continuation of studies on the sella turcica. \$100.

##### Paleo-Pathology.

Roy L. Moodie, University of Illinois School of Medicine. Material showing evidences of diseases of pre-Columbian Peruvians and Pleistocene mammals preserved in California. \$150.

##### Medical Biology.

Edward J. Wood, Wilmington, Del. Continuation of study of yeasts of mouth and intestine with reference to etiology of pernicious anemia. \$250.

Robert S. Breed, New York State Experiment Station, Geneva. Continuation of study of red chromogenic rods. \$125.

BURTON E. LIVINGSTON,  
*Permanent Secretary*

#### SCIENTIFIC NOTES AND NEWS

THE University of San Marcos, which was founded at Lima, Peru, in 1551, has conferred the honorary degree of *Doctor en Ciencias* upon the following North American delegates to the Third Pan-American Scientific Congress, which met in Lima from December 20 to January 6: A. F. Blakeslee, of the Carnegie Institution; Edward V. Huntington, of Harvard University; Robert Cushman Murphy, of the American Museum of Natural History; Wilson Popenoe, of the U. S. Department of Agriculture; Marshall H. Saville, of the Museum of the American Indian (Heye Foundation), and Albert Sauveur, of Harvard University.

THE Buchan prize of the Royal Meteorological Society was awarded to W. H. Dines, F.R.S., at the annual general meeting of the society on January 21. This is the first time that the prize has been awarded.

RICHARD H. BURNE, curator of the department of comparative physiological anatomy in the Museum of the Royal College of Surgeons of England, has been awarded the honorary medal of the college for "services rendered to the advance of biological knowledge."

THE Royal Institute of Scientific Industrial Research of Sweden has awarded its gold medal of the first class to Johannes Ruths for his invention of a steam accumulator.

M. GEORGES CLAUDE has been elected by the French Academy of Sciences to the section of Applications of Science to Industry.

DR. OTTO HAHN, member of the Kaiser Wilhelm Institute of Chemistry and professor at the University of Berlin, has been appointed a member of the section of physical mathematics of the Berlin Academy of Sciences.

SENATOR MARCONI, of Italy, has been elected an honorary member of the Institution of Civil Engineers, England.

OSMUND CATTILIN, borough engineer, Lambeth, has been elected president of the Institution of Sanitary Engineers, England.

SIR OLIVER LODGE has accepted the presidency of the Radio Society of Great Britain in succession to Dr. W. H. Eccles, who has held the office for the past two years.

DR. ALEŠ HRDLÍČKA was recently elected president of the American Anthropological Society, succeeding Dr. Walter Hough.

DR. B. D. SAKLATWALLA, general superintendent at the Bridgeville, Pa., plant of the Vanadium Corporation of America, has been elected vice-president of the company.

DR. K. F. KELLERMAN, associate chief of the Bureau of Plant Industry, who has served as a member of the Federal Horticultural Board for the past ten years, retired from the board last December because of the increasing pressure of administrative work.

DR. WILLIAM W. KEEN, emeritus professor of the principles of surgery and of clinical surgery, Jefferson Medical College, celebrated his eighty-eighth birthday on January 19.

PROFESSOR OTOKAR ŠRDINKO, professor of histology and embryology at the Czech Prague Medical School, celebrated his fiftieth birthday on January 1.

DR. ZEISS, of Hamburg, who has been in charge of the bacteriological work of the German Red Cross in Russia, now disbanded, has accepted a position in the Pasteur Institute at Moscow.

SAMUEL F. HILDEBRAND has been appointed superintendent and director of the biological station of the U. S. Bureau of Fisheries at Beaufort, N. C.

MYRON G. HOLMES, research assistant at the University of Maryland, has been appointed a junior physiologist for services in the Crop Chemistry Laboratory, Washington.

DR. A. B. STOUT, of the staff of the New York Botanical Garden, is spending six weeks during February and March in southern Florida in studies of the flower behavior of avocados with reference to pollination and the setting of fruit. This work is being done in cooperation with the Florida Avocado Association and with representatives of the state and of the Bureau of Plant Industry.

DR. O. A. JOHANNSEN, professor of entomology at Cornell University, sailed for Europe on January 27. He expects to visit universities, biological stations and entomological museums in various countries, returning to the university in September.

DR. WILLIAM BEEBE, of the New York Zoological Society; Dr. William K. Gregory, of Columbia University, and Dr. C. J. Fish, of the University of Pittsburgh, members of the deep-sea expedition of the New York Zoological Society, left New York on February 10 on a specially equipped ship, the *Arcturus*.

PROFESSOR HANS ZINSSER, of Harvard University Medical School, and a colonel in the Medical Reserve Corps, gave a lecture to the graduating class at the new home of the Army Medical School, Washington, D. C., on February 6, on "The phenomena of hypersusceptibility as they occur in infectious disease."

DR. F. K. RICHTMYER, professor of physics at Cornell University and national president of Sigma Xi, delivered the annual joint circuit lecture before the Missouri and Kansas chapters of Sigma Xi on January 27 and 29, respectively, on "What we see with the X-ray."

DR. C. W. STILES, of the United States Public Health Service, gave a series of three lectures on January 19, 26 and February 2 before the Research and Journal Club of the department of medical zoology, School of Hygiene and Public Health, Johns Hopkins University. His subject was the "International rules of zoological nomenclature."

DR. E. C. KENDALL, head of the chemical section of the Mayo Foundation for medical education and research at the University of Minnesota, gave a lecture at Columbia University on the Chandler foundation, February 13, entitled "The influence of the thyroid gland on oxidation in the animal organism."

DR. WILLIAM SNOW MILLER, emeritus professor of anatomy at the University of Wisconsin, gave a two weeks' course of lectures at the Post-Graduate School of Tuberculosis held under the auspices of the United States Veterans Bureau at the Veterans' Hospital at Castle Point, N. Y., during the month of January.

DR. WATSON S. RANKIN, state health officer of North Carolina, gave one of the Cutter lectures on preventive medicine at Harvard University on Feb-

ruary 12, on the subject of "Standards for public health department practices."

DR. RAY LYMAN WILBUR, president of Leland Stanford University, will be the orator of the day at the "University Day" exercises at the University of Pennsylvania on February 23.

DR. CHARLES H. VIOL, director of research in the laboratories of the Standard Chemical Company, gave an illustrated lecture on "Radium and radon" at a joint meeting of the American Electrochemical Society, the American Chemical Society, the Society of Chemical Industry and the Société de Chimie Industrielle, held on February 6.

DR. CHARLES B. BAZZONI, professor of experimental physics at the University of Pennsylvania, read a paper on "This year's atom" at a meeting of the American Philosophical Society, Philadelphia, on February 6.

SIR DAVID PRAIN gave the annual Sir George Birdwood Memorial Lecture, before the Royal Society of Arts, on January 9, the subject being "Government botanical gardens."

IN connection with the Liverpool Section of the Society of Chemical Industry, Sir Max Muspratt delivered a Hurter Memorial lecture at the University of Liverpool on January 16, on "Chemistry and civilization."

DR. J. H. JEANS delivered the sixteenth Kelvin lecture of the Institution of Electrical Engineers, England, on February 5. The title of the lecture was "Electrical forces and quanta." At the meeting a statuette of the late Sir Joseph Wilson Swan was presented to the institution by R. K. Morcom.

THE late Professor John Milne, the distinguished English seismologist, was among those commemorated recently in a ceremony at Tokyo in honor of living and dead foreign benefactors of Japan.

A PORTRAIT of the late Dr. W. H. Emerson, Ph.D. (Hopkins '86), professor of chemistry at the Georgia School of Technology, has been presented to Johns Hopkins University by the alumni of the university.

DR. DANIEL C. MANGAN, for the past 32 years professor of chemistry and physics at the Brooklyn College of Pharmacy, died on January 6, aged fifty-nine years.

DR. ENRIQUE FYNN, of Buenos Aires, noted for his work on proteolytic ferments, has died, aged fifty-three years.

AURELIO SANDOVAL, former secretary of public works and professor of engineering at the National University of Havana, Cuba, died on January 1.

DR. B. R. G. RUSSELL, of the Imperial Cancer Research Fund, who made important contributions to our knowledge of tumor transplantation and of the metabolism of cancerous tissue, died on December 22, aged forty-four years.

DR. J. MCT. E. MCTAGGART, fellow of Trinity College, Cambridge, since 1891, and the author of "The Nature of Existence," died on January 18, aged fifty-eight years.

DR. GASTON LALANNE, of Bordeaux, who contributed much to the science of prehistoric archeology through his discoveries at Cap-Blanc and Laussel in Dordogne, died on December 16 at the age of sixty-two years.

WILLIAM SACKSTON ATKINSON, artist in zoology and botany at Stanford University, died recently, aged sixty years. A correspondent writes: Entering Stanford University he received in 1899 the degree of A.B. with zoology as a major subject. Having unusual skill in drawing animals, he devoted himself especially to this phase of zoological study and for the last twenty years had been the chief artist in Stanford to work on fishes and flowers. Most of the recent papers on fishes of Eigenmann, Snyder and the writer have been illustrated by him, as well as the flowers in Abrams's North American Flora. Atkinson was a most serious, sincere and devoted worker, a man to whom those who knew him well were closely attached. His chief recreation was in the rearing and occasional hybridization of garden flowers, notably the *Gladiolus*.

THE American Society for Pharmacology and Experimental Therapeutics, at its recent session in Washington, D. C., reelected the following officers: *President*, John Auer, St. Louis University School of Medicine; *secretary*, E. D. Brown, University of Minnesota; *treasurer*, A. L. Tatum, University of Chicago.

THE Rush Society, of Philadelphia, for the correlation of medical lectures, has been reorganized with the following officers: *President*, Dr. Alfred Stengel; *vice-president*, Dr. Alfred N. Richards; *secretary*, Dr. E. B. Krumbhaar; *treasurer*, Dr. O. H. P. Pepper.

THE seventh annual meeting of the American Society of Mammalogists will be held in Washington, D. C., from April 8 to 10. Sessions devoted to the reading of papers, discussion and business will be held from 10 a. m. to 4:30 p. m., each day, in the New National Museum, 10th and B Streets, Northwest. An evening session will also be arranged, at which Mr. William P. Harris, Jr., of Detroit, will show the motion picture, "Vanishing game trails of Africa," taken by himself and Major A. Radcliffe Dugmore in East Africa. This picture ran for five months in London, England, but has been given only one public showing in America. Plans call for a

symposium on "The care of mammal material and records," which will be so conducted as to be of general interest. Opportunity will be offered to visit the National Zoological Park and other places of interest to members. One evening will be devoted to a dinner or banquet, and other social features may be arranged. Headquarters will be at the Hotel Harrington, 11th and E Streets, Northwest, three blocks north and one block west of the New National Museum.

THE third National Colloid Symposium will be held at the University of Minnesota on June 17, 18 and 19. The previous meetings have been very successful, having brought together two or three hundred chemists from all over the United States and Canada. This occasion bids fair to surpass the previous meetings. Dr. Herbert Freundlich, distinguished author of the classic "Kapillarchemie," will be the guest of honor. Only twenty papers will be presented, making possible an allotment of forty minutes as well as ample time for discussion. Titles for the program should be sent to Harry N. Holmes, chairman of the committee on the chemistry of colloids, Oberlin, Ohio.

THE date for the meeting in England of the American Institute of Chemical Engineers has finally been decided upon. Tentative reservations have been made on steamers reaching Liverpool, Sunday, July 12. The program consists of meetings with various British societies and excursions from July 13 to 23, with a three weeks' trip on the continent for those who can spend additional time in Europe. Those contemplating taking the trip are asked to communicate immediately with J. C. Olsen, secretary, 85 Livingston St., Brooklyn, N. Y.

THE next meeting of the International Research Council will be held at Brussels on July 7, 1925, and the days following.

AN exhibit was opened at the State Museum in Albany, N. Y., on February 12, showing the restoration of a forest of the Middle Devonian period, reconstructed from fossil remains of trees uncovered at Gilboa, where once an inland sea covered what is now the major portion of the Mohawk River Valley. The exhibit was dedicated as a memorial to Sir John William Dawson, former principal of McGill University, Montreal, who in 1869 and 1870 worked out the structure of fossil tree trunks uncovered by a spring freshet along the Schoharie River near Gilboa.

THE Edison Lighting Institute, containing exhibits depicting the history and development of the electric light, with laboratories for testing and demonstrating modern illumination devices, was dedicated at Harrison, N. J., on February 11. The institute includes a

Bureau of Experts to assist in the development and improvement of home, commercial, industrial and street lighting. The exhibits cover every phase of lighting development since the invention of the first electric lamp by Thomas Edison in 1879.

DR. LEO HENDRIK BAEKELAND, honorary professor of engineering in Columbia University, has contributed \$10,000 towards the endowment fund of the American Chemical Society.

A GIFT of £1,000 for research has been made to the alumni association of the University of Edinburgh by Dr. Charles Cooper, of San Francisco, a graduate of the university.

THE University of Manchester, England, has received from the General Electric Company a gift of an X-ray spectra apparatus for use in the department of physics.

PRINCESS MARIE, of Greece, has given the French Geographical Society more than 50,000 books on geography which belonged to her father, the late Prince Roland Bonaparte, who was for nearly fifteen years president of the society.

A GRANT of not less than £65,000 has been made by the Cotton Reconstruction Board, England, to the British Cotton Industry Research Association. The money is part of the funds raised by the Wartime Cotton Control Board, and not expended by that body in relief of the operatives by the time the mills resumed running after the war.

THE electric furnace equipment of the Bureau of Mines was completely destroyed by the recent fire which burned the old Mines building at the University of Washington. The bureau's equipment was housed in the building. It is expected that Congress will provide at this session for the replacement of the transformers, the switchboard and the other electric equipment which is essential to the work assigned to the Seattle Experiment Station.

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## UNIVERSITY AND EDUCATIONAL NOTES

THE University of Michigan has asked the state legislature for \$3,192,100 for additional buildings and grounds, which includes \$900,000 for a new museum and \$465,000 for a modern observatory.

Six laboratories and a research room in the Medical School of the University of Pennsylvania were swept by fire on January 24. The loss was estimated at \$25,000.

PROFESSOR JOHN MALLET PURSER has made a gift of £10,000 to be administered for the benefit of the