

The committee has decided to give a luncheon in honor of Madame Curie at the Hotel Waldorf Astoria on Tuesday, May 17, and invitations have been sent to all the members of these societies living in and around New York. The headquarters of the committee are at The Chemists' Club, 52 East 41st Street, New York.

President Harding has through Mr. Arthur Brisbane subscribed fifty dollars to the Madame Curie Radium Fund. He writes: "I am so anxious about the success of the program to present to this distinguished woman a gram of radium that I would like to have a small part toward making the necessary provision."

#### LECTURES BY PROFESSOR EINSTEIN

ALTHOUGH PROFESSOR EINSTEIN came to the United States primarily in the interests of the Zionist movement, he is giving scientific lectures at various universities. On April 15, he lectured in German on the theory of relativity at Columbia University, under the auspices of the departments of mathematics, physics, astronomy and philosophy, being introduced by Professor Pupin. Professor Einstein was awarded the Barnard medal by Columbia University last year on the recommendation of the National Academy of Sciences.

On April 18, 19, 20 and 21, Professor Einstein gave four lectures before the College of the City of New York on the following subjects: "The 'special' relativity theory;" "Generalized relativity and gravitation;" "The physical significance of entropy and quanta;" "Light-ether and radiation."

PRINCETON UNIVERSITY has arranged five lectures on the theory of relativity on the afternoons from May 9 to 13, the subject of these lectures, which will be delivered in German, are first and second "Generalities on the theory of relativity," (without going deeply into the mathematical symbolism); third "Special theory of relativity," fourth "General theory of relativity and gravitation," fifth "Cosmological speculations." Scientific men are invited to the lectures. Admission

will be by ticket, application for which should be forwarded to Professor H. D. Thompson, Princeton, N. J.

#### SCIENTIFIC NOTES AND NEWS

THE American Philosophical Society is meeting in Philadelphia on Thursday, Friday and Saturday of the present week. The evening address is by Professor James H. Breasted, of the University of Chicago. The National Academy of Sciences meets at Washington on Monday, Tuesday and Wednesday of next week. The Prince of Monaco will make an address in the U. S. National Museum on Monday evening.

DR. F. B. JEWETT, chief engineer of the Western Electric Company and formerly professor of physics and engineering at the Massachusetts Institute of Technology, has been elected a vice-president and director of the company. He will continue his present work in charge of the technical forces of the telephone manufacturing industry.

DR. WARNER JACKSON MORSE has been appointed director of the Maine Agricultural Experiment Station. Since 1906 he has been connected with the Experiment Station, serving as plant pathologist since 1909. Dr. Morse succeeds Charles D. Woods, the circumstances of whose relations to the trustees have been stated in SCIENCE.

THE governor of Massachusetts has recommended to the executive council Dr. Richard P. Strong, who holds the chair of tropical medicine at the Harvard Medical School, as a member of the Public Health Council, Boston.

DR. WILLIAM E. MUSGRAVE has resigned as director of the University of California Medical School to accept the secretaryship of the state medical society and will edit the *California State Journal of Medicine*. Dr. Musgrave will continue his directorship of the Children's Hospital.

DR. J. T. WILLARD, dean of general science and vice-president of the Kansas State Agricultural College, has been elected president of the Kansas Research Council. Dr. W. A.

Lippincott, professor of animal husbandry at the college, has been elected secretary.

DR. GEORGE H. SHULL, of Princeton University, has been appointed delegate of the American Philosophical Society to the second International Congress of Eugenics, which will be held in New York City in September.

At its last meeting the Rumford Committee of the American Academy of Arts and Sciences voted an appropriation of \$200 to Professor Alpheus W. Smith, of the Ohio State University, in aid of his research on the Hall, Nernst and allied effects.

THE prize of 25,000 marks, established two years ago by the late Berlin bacteriologist, Professor Hans Aronson, has been awarded to Professor von Wassermann, for his investigations on the Wassermann reaction.

DR. F. H. HATCH has been appointed technical adviser to the British Mines Department on questions relating to the metalliferous mining industry.

WE learn from *Nature* that at the anniversary meeting of the Royal Irish Academy on March 16 Professor Sydney Young was elected president in succession to the Reverend Dr. Bernard, provost of Trinity College, Dublin. Professor C. S. Sherrington, president of the Royal Society, was declared an honorary member in the section of science under the statute by which presidents of the Royal Society are honorary members of the academy.

At the annual general meeting of the Ray Society on March 10 the following officers were reelected: *President*: Professor W. C. McIntosh. *Treasurer*: Sir Sidney F. Harmer. *Secretary*: Dr. W. T. Calman. The Right Hon. Lord Rothschild was elected a vice-president, and Mr. E. E. Green, Mr. Chas. Oldham, and Sir David Prain were elected new members of the council.

DR. AND MRS. N. L. BRITTON, of the New York Botanical Garden, accompanied by Dr. F. J. Seaver, have gone to Trinidad, in order to continue the botanical exploration of that island. They expect to return about the first of May.

PROFESSOR F. L. STEVENS, of the University of Illinois, will go to Honolulu about the first of May to spend several months studying and collecting Hawaiian fungi, and arranging the mycological collection of the Bishop Museum.

J. W. GIDLEY, assistant curator of vertebrate paleontology at the National Museum, has gone for a two-month exploration trip in Arizona, California and Nebraska, for the United States Geological Survey and to secure fossil mammals for the museum collection.

"A LAKE as a going concern" was the subject of an address by President E. A. Birge, of the University of Wisconsin at the annual dinner of the Wisconsin Academy of Science, Arts and Letters, held at the University Club, Madison, on April 16. Dr. Birge is the retiring president of the academy.

DR. LUDWIK SILBERSTEIN, Research Laboratory, Eastman Kodak Company, will give a major course in physics at the University of Chicago during the summer quarter, 1921. It will deal with the theory of relativity, gravitation and electro-magnetism.

DR. ALBERT H. EBERLING, of the Rockefeller Institute for Medical Research, lectured at Mount Holyoke College on April 8, on "Cultivation of tissues in vitro, with lantern slide demonstration."

A LECTURE was delivered April 11, 1921, before the Rochester Historical Society on the subject "Explorations in China" by Frederick G. Clapp. The same speaker addressed the Rochester Engineering Society at lunch on that day, the subject being "Engineering in China." Both talks were illustrated by lantern slides.

THE following special lectures are being given at 5 P.M. in the main lecture hall of Cornell University Medical College, New York City.

April 11. "The influence of the rate of growth on structural efficiency," Professor Charles R. Stockard.

April 19. "An informal talk," Professor F. Gowland Hopkins.

May 5. "Glimpses backward into the history of metabolism," Professor Graham Lusk.

May 9. "The urinary sugar secretion," Professor S. G. Benedict.

THE Dean and Chapter of Westminster Abbey have decided to place a bronze medalion in the Abbey as a memorial of Sir William Ramsay.

WE learn from the *Journal* of the American Medical Association that at a recent meeting of some of Sir William Osler's students, an Osler Memorial Association was formed for the purpose of founding an Osler memorial lectureship at the University of California, which will provide for an annual lecture on a scientific subject. The expense will be met by a yearly assessment of the members of the association. Dr. George H. Whipple, president of the California Academy of Medicine, has advised that the academy will be glad to cooperate in securing lecturers and in sharing the expense. Dr. John M. T. Finney, Baltimore, has accepted an invitation to deliver the first lecture.

ON February 24, the Berlin Ophthalmological Society held a special session in honor of the semicentennial of Albrecht von Graefe's death. The only living former assistant of Graefe, the ophthalmologist Professor Julius Hirshberg, now seventy-eight years of age, delivered the memorial address.

DR. HENRY PLATT CUSHING, for thirty years professor of geology in Western Reserve University, Cleveland, and for about the same time geologist in the Adirondack region for the Geological Survey of New York, died on April 14.

THE late Harold C. Lloyd, a British subject residing in São Paulo, has bequeathed all his property in São Paulo to the Instituto Oswaldo Cruz, of which Professor Carlos Chagas is director, at Manguinhos, near Rio de Janeiro. The bequest is to be applied exclusively to promote research on prevention and treatment of infectious diseases.

THE appropriation by Congress to the Forest Products Laboratory, at Madison, Wis., has been increased by approximately \$100,000.

By the will of the late Dr. Alexander Muirhead, F.R.S., who was associated with Sir Oliver Lodge in work on wireless telegraphy, and who died on December 13, aged seventy-two, the Royal Society of London receives the sum of £3,000.

WITH the aid of a gift from Dr. Adolph Barkan, emeritus professor of the Stanford Medical School, the university is gathering in the Lane Library of the medical school in San Francisco a collection on the history of medicine. Dr. Barkan will give \$1,000 a year for the next three years, to which the university will be able to add from the income from certain Lane Library Foundations \$1,500 a year, making a total fund of \$7,500, all of which will be expended on books concerning the history of medicine. Dr. Barkan is now in Europe and he has employed an expert to aid him in getting together this collection. Dr. Barkan was professor of structure and diseases of the eye, ear and larynx in the medical school and retired from active teaching in 1911. He has before this been a liberal benefactor of the Medical School Library, having given his own library dealing with the subjects in his own special field, together with \$10,000 as a fund for the purchase of other books on these subjects.

THE thirty-second session of the Biological Laboratory of the Brooklyn Institute of Arts and Sciences, which is located at Cold Spring Harbor, Long Island, New York, will be held next summer. The regular course work extends from July 6 to August 16. Courses are given in field zoology by Drs. H. E. Walter, of Brown University; S. I. Kornhauser, of Denison University, and H. M. Parshley, of Smith College; in comparative anatomy by Professor H. S. Pratt, of Haverford College; in principles of genetics by Professor H. S. Fish, of the University of Pittsburgh; in systematic and field botany by Dr. O. E. Jennings, of the University of Pittsburgh, and Mr. C. A.

Stiteler; in advanced botany by Dr. J. W. Harshberger, University of Pennsylvania. Opportunities for research are freely open to independent investigators. For the announcement address the Biological Laboratory at Cold Spring Harbor, N. Y.

THE twelfth annual meeting of The American Oil Chemists' Society, formerly The Society of Cotton Products Analysts, will be held on May 16 and 17, the two days immediately preceding the twenty-fifth Annual Convention of the Inter-State Cottonseed Crushers' Association, at the Congress Hotel, Chicago. Besides the several committee reports addresses will be presented. In order to conserve time for discussion, it is planned to have abstracts of all committee reports in the hands of the members at the meeting, and to request that the discussion of these abstracts be prepared in writing in as many cases as possible. The annual banquet will be held Tuesday evening. The local committee has arranged a number of trips about the city to points of general interest to visitors and of special interest to chemists.

UNDER the auspices of the Wild Flower Preservation Society of America in cooperation with Community Center Department of the Public Schools the following lectures have been given in Washington:

February 9. The lure of Rock Creek Park: Dr. F. Lamson-Scribner.

February 16 and 23. Seeds, fruits and seedlings, Professor F. H. Hillman.

March 2. Roots and underground stems: Albert A. Hansen.

March 9. Stems, buds and their winter study: Dr. A. S. Hitchcock.

March 16. Leaf shapes, modifications and functions: Dr. Paul Bartsch.

March 23. Flowers and their functions: P. L. Ricker.

March 30. Where wild flowers grow and why: Dr. Edgar T. Wherry.

FREE public lectures were delivered in the Central Display Greenhouse of the New York Botanical Garden on Sunday afternoons during April at 3:15 o'clock, as follows:

April 3. Fiber plants: Dr. A. B. Stout.

April 10. Milk-trees and other lactiferous plants: Dr. W. A. Merrill.

April 17. Air plants: Dr. H. A. Gleason.

April 24. Desert plants: Mr. G. V. Nash.

THE fifteenth French Congress of Medicine will be held in Strasbourg from October 3 to 5, under the chairmanship of Dr. Bard, professor of clinical medicine in the University of Strasbourg. These are the subjects to be discussed: (1) the anatomic and functional adaptation of the heart to pathologic conditions of the circulation; papers by Dr. Cottin, of Strasbourg, and Dr. Demeyer, of Brussels; (2) glycemia; papers by Professor Ambard, Strasbourg; Dr. Chabanier, Paris, and Dr. Baudoin, Paris; and (3) antianaphylaxis; papers by Professor Widal, Paris; Drs. Abrami and Pasteur-Vallery-Radot, Paris, and Dr. Péhu, Lyons.

*Chemical Abstracts* has in process of printing a Formula Index to the 1920 volume. The indexing of chemical compounds by formulas, which is done in addition to the indexing by names, is a new departure for a chemical abstract journal. This index will contain about seven thousand entries.

THE interchange of publications between Germany and the United States, which was suspended when this country entered the World War in 1917, has been resumed by the International Exchange Service of the Smithsonian Institution.

A SCIENTIFIC expedition to Spitzbergen is being organized by Oxford University, with the necessity of procuring £3,000 to carry out the work.

A NEW launch for use at the Macbride Lakeside Laboratory of the University of Iowa on Lake Okoboji, has been provided by a gift from Mr. Felix Hirschel, of Davenport.

DURING the Boston meeting of the American Medical Association in June there will be in the room used for exhibits on the floor of the special libraries at the Boston Public Library, an exhibit of early texts (Hippocrates to Sydenham) dealing with fevers and with specific infections. These will be arranged in

chronological order. In addition to the texts, there will be considerable illustrative material touching on hospitalization and treatment, the use of baths, venesection, new remedies, pest banners, broadsides and medals, also Saint Roch and Saint Sebastian, and various aspects of the plague and syphilis dealt with in the graphic arts. General texts illustrating the Greek, Byzantine, Mohammedan and medieval practise in fevers will occupy half of the space allotted. The other half will contain tracts on the plague and syphilis, original descriptions, new diseases and primary treatises on the doctrine of contagium vivum. A descriptive catalogue will be ready for distribution at the time of the annual session.

THE London County Council according to the *British Medical Journal* has adopted the recommendations of the committee appointed by the Illuminating Engineering Society to inquire into eyestrain in cinematograph halls. These recommendations will be put into force at once so far as new halls are concerned, and will be applied to existing halls as opportunity offers. The chief recommendation sets out the limit of the vertical angle of view. The committee believes that ocular discomfort arises mainly from the abnormal angle at which very often the eyes of spectators are directed upwards, and that conditions suitable for the eyes would be secured if a moderate value for the angle of elevation were adopted. It is therefore proposed that the angle of elevation subtended at the eye of any person seated in the front row by the length of the vertical line dropped from the center of the top edge of the picture to the horizontal plane passing through the observer's eye shall not exceed 35 degrees. In some of the London halls this condition is complied with, and in others it is approached, but in others again the angle in question exceeds 60 degrees.

*Nature* states that the members of Mr. L. H. Dudley Buxton's expedition have now returned from a stay of some weeks in the Island of Malta. The object of the expedition was to collect material for a study of the

physical anthropology of this island. About 1,000 adults, men and women, were measured. The fine series of ancient bones which Professor Zammit excavated in the Hypogæum at Hal-Saffieni and elsewhere was collected together and measured. A long series of skeletal remains from a modern ossuary were also examined. A special visit, lasting for two days, was paid to Gozo by Mrs. Jenkinson and Miss Moss to work at the physical anthropology of that island. The expedition has collected an immense mass of valuable material, which will take some time to arrange and digest. As soon as this work is sufficiently far advanced Mr. Buxton hopes to submit a preliminary account of the results of the expedition to the Royal Anthropological Institute.

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#### UNIVERSITY AND EDUCATIONAL NEWS

By the will of Edmund Cogswell Converse, who died on April 4 in Pasadena, California, Amherst College receives a bequest of about \$250,000. Of this amount \$200,000 will be used for the upkeep and development of the Converse library, for the building of which Mr. Converse donated \$250,000 in 1916, the building to be a memorial to his brother, James B. Converse. The remaining \$50,000 of the bequest will be used to establish an Edmund Cogswell Converse scholarship fund.

THE *Journal* of the American Medical Association writes that "much disappointment is being expressed in university circles in Toronto at the failure of the Ontario government to take action during the present session of the legislature on the report of their own appointed special commissions which has been inquiring into the status of the universities of the province. As the University of Toronto expected \$1,000,000 from the Rockefeller Foundation there will be for the present no available funds for further expansion as it will be doubtful if even this sum will be forthcoming owing to the failure of the government to come to the assistance of the university."