

the above sums, an amount of money now apparatus, etc.—in connection with the operation of the industrial fellowships. Besides this amount, the building and permanent equipment of the institute, represent an investment of about \$350,000. In addition to running into several million dollars, has been spent by the industries in developing into large scale manufacture various processes worked out at the institute.

March to March	Number of Fellowships	Number of Fellows	Total Foundation Sums
1911-1912	11	24	\$ 39,700
1912-1913	16	30	54,300
1913-1914	21	37	78,400
1914-1915	21	32	61,200
1915-1916	36	63	126,800
1916-1917	42	65	149,100
1917-1918	42	64	172,000
1918-1919	47	77	238,245
1919-1920	47	83	293,680
1920-1921	48	83	320,848

APPOINTMENTS COMMITTEE FOR RUSSIAN SCIENTIFIC AND LITERARY MEN

THE following appeal has been issued from the International Research Council, Burlington House, London.

Many Russians, distinguished in various branches of learning, are at present scattered over European countries. Some of them are destitute, others are earning a precarious livelihood by work in which they have no opportunity of exercising their particular capabilities, while, at the same time, the world at large is losing the benefit of their knowledge and aptitude.

With the view of assisting our unfortunate colleagues we have formed ourselves into a committee, the object of which is to bring their names and qualifications to the notice of universities and other institutions which may be able to offer them suitable employment.

We feel that we may count upon your sympathy, and in the hope that you may be able to help, we are forwarding a list of names, at present known to us, of those who would gratefully accept positions where they could continue the work to which they have devoted their lives.

The committee will have its central office in London, but it is proposed that cooperation between different countries be secured, either by the for-

mation of similar committees, or by the cooption of corresponding members.

The committee consists of Sir Arthur Schuster, F.R.S., foreign secretary, Royal Society (Chairman); Viscount Bryce, F.R.S.; Sir Richard Gregory, editor of *Nature*; Sir Frederick Kenyon, president of the British Academy; Charles Scott Sherrington, president of the Royal Society; Ernest H. Starling, F.R.S., professor of physiology, University of London; Sir Paul Vinogradoff, F.B.A., professor of jurisprudence, University of Oxford, and Charles J. Martin, F.R.S., director, Lister Institute, London (Hon. Secretary).

THE VISIT OF MADAME CURIE

THE following chemical societies have appointed committees to make arrangements for the reception of Madame Curie next May:

The American Chemical Society: Edgar F. Smith, chairman, L. H. Baekeland, Marston T. Bogert, Wilder D. Bancroft, Chas. F. Chandler, Chas. H. Herty, S. C. Lind, W. H. Nichols, Chas. L. Parsons, W. A. Noyes, Ira Remsen, T. W. Richards, J. E. Zanetti, B. B. Boltwood.

The American Electrochemical Society: W. S. Landis, chairman, H. B. Coho, Colin G. Fink, E. P. Mathewson, J. W. Richards.

The Société de Chimie Industrielle, American Section: George F. Kunz, chairman, L. H. Baekeland, M. T. Bogert, C. A. Doremus, J. E. Zanetti.

The Society of Chemical Industry, American Section: S. R. Church, chairman, H. G. Carrell, Chas. H. Herty, R. H. McKee, Allen Rogers.

The Chemists' Club of New York City: J. E. Zanetti, chairman, Ellwood Hendrick, M. T. Bogert, J. E. Teeple, Reston Stevenson, S. A. Tucker.

As Madame Curie is expected to be but a very short time in New York City, and as it would be impossible for her to attend functions given by any of the individual societies, the above named committees have appointed an Executive Committee, consisting of Edgar F. Smith, chairman, W. S. Landis, vice-chairman, S. R. Church, George F. Kunz, J. E. Zanetti, secretary-treasurer, to arrange for an entertainment to be given by all of the above named societies.

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.