

attract men from fields other than pure chemistry, the purpose being to emphasize the application of colloid chemistry to all branches of science.

The institute is to have a director of research and a laboratory or business director. The research director will have a competent staff of assistants and associates so that several fields of colloid chemistry will be represented. The business director will attend to business details, thus leaving the time of the research director free for scientific work. Funds will be provided for a number of fellowships. Some of these will be for men who have received the doctorate degree, and others for graduate students who are working for that degree.

It is planned that the institute will be located at and operated in conjunction with one of the major universities where there already exists a proper scientific atmosphere, and where full cooperation between scientific departments and the institute will be assured.

The institute will be housed in a building specially constructed with the needs of colloid research in mind. The building will have some unique features not ordinarily found in chemistry buildings. In addition to offices, private laboratories, library, conference rooms, instrument shops, etc., it will have an abundance of special laboratories equipped for specialized studies, also rooms in which work of a more general character may be done.

To build such a building as the committee has in mind and to provide an endowment, the income from which will be used for operating expenses, a sum of about \$1,250,000 will be necessary. It is expected that the cooperating university will furnish the site for the building and a fund of approximately \$50,000 a year for maintenance, service, et cetera. The work of the fellows working for degrees will be credited in the graduate school of the cooperating university.

The plan has not only the endorsement but the active support of the National Research Council. It has also been approved by the National Academy of Sciences, the Council of the American Chemical Society, the Council of the American Institute of Chemical Engineers, and a very large number of scientists throughout the country.

The Committee for the Chemistry of Colloids feels that in this plan it has an opportunity for practical philanthropy which is second to none at the present time. It is hoped that funds will soon be forthcoming to make this far-sighted plan an actuality.

The University of Wisconsin, because of its interest in Colloid Chemistry, has issued an attractive prospectus in behalf of the proposed institute, the publication of which was erroneously credited in a recent issue of this journal to New York University.

### SIGMA XI AID TO RESEARCH

SIGMA XI Alumni have made available a sum of money to be used annually in the support of research. For the year 1925-26, the sum of \$2,000 will be awarded by a special committee consisting of Dr. W. R. Whitney, director of research at the General Electric Company; Professor E. L. Thorndike, of Columbia University, and Dr. John H. Northrup, of the Rockefeller Institute for Medical Research. This fund will be granted by the committee to selected workers who have shown devotion to science and who merit assistance in further research work. The aid granted will not be limited to any particular field of work, nor will it take any particular form. It may be awarded in the form of a fellowship or it may be given to purchase apparatus, to help in publication or to pay assistants.

Applications for aid from this fund should be made before May 1 to Dean Edward Ellery, Union College, Schenectady, N. Y. Applications should state the kind of assistance desired, the nature of the problem under study, or to be studied, and the place where the research is being done or is to be done. Applicants should present their educational and research experience, degrees received and titles of publications. There should also be a statement regarding the importance of the problem in his particular field from at least two individuals competent to express judgment.

Awards will be made by June 1, and will be available from August 1, 1925, to August, 1926.

### THE PORTLAND MEETING OF THE PACIFIC DIVISION

THE 1925 meeting of the Pacific Division of the American Association for the Advancement of Science and its affiliated societies will be held at Reed College, Portland, Ore., from June 17 to 20. The American Association as a whole will join with the Pacific Division in this meeting.

Another summer meeting of the association as a whole will occur jointly with the Southwestern Division, at Boulder, Colorado, from June 9 to 11. The dates for these two summer meetings are so arranged that members may attend both of them, with nearly a week intervening for travel.

The preliminary announcement of the Portland meeting is now in preparation and will be mailed to every member of the American Association about April 30. The Scientific Research Conference will be held at the noon luncheon on Wednesday, June 17. The names of those who will speak at this conference will be announced in due time. On Wednesday evening will be given the presidential address by Dr. C. E. Grunsky, and a public reception will follow.

There will be general sessions on Thursday and

Friday evenings at which popular addresses will be given by distinguished speakers. It is hoped that the president of the American Association for the Advancement of Science, Professor Michael I. Pupin, will be present and will give one of these addresses. A banquet will occur on Thursday evening preceding the public address. Dinners by various affiliated societies will occur on Wednesday and Friday evenings.

It is hoped that a symposium on some subject of broad general interest can be arranged for Thursday afternoon. All the other afternoons and all the forenoons will be available for sessions of the various affiliated societies. Saturday and Sunday will be devoted to excursions, and it is expected that a number will be arranged to several of the near-by points of unusual scenic or scientific interest, such as The Dalles, Mount Hood, Mount Rainier and Multnomah Falls, all of wonderful scenic beauty and interest; the classic John Day River fossil beds which visiting paleontologists will wish to see; the fish hatcheries at Little White-Salmon, Bonneville and Clackamas; the beautiful Hood River Valley with its great apple orchards; Astoria, only a few miles away, the center of the wonderful salmon fisheries of the Columbia and replete with historic interest. A visit is planned to the State Agricultural College at Corvallis and probably to the State University at Eugene.

Those interested in angling will not fail to visit Willamette Falls where they may try their luck with the salmon. Facilities will be provided also for visits to some of the great forests and the great lumber mills.

The prospects for a meeting of unusual size and interest are good. The climate and other conditions are ideal at that season and a more delightful time for a visit to the great Northwest could not be selected. It is expected that many Eastern members and their friends will avail themselves of this exceptional opportunity to visit the Pacific Coast.

Dr. A. A. Knowlton, Reed College, Portland, is the chairman of the local committee on arrangements. Any one desiring further information regarding the meeting may address Dr. Knowlton or the acting secretary, Dr. Barton Warren Evermann, California Academy of Sciences, San Francisco.

### SCIENTIFIC NOTES AND NEWS

THE sixty-first annual meeting of the National Academy of Sciences will be held at the National Academy Building, Washington, D. C., on April 27, 28 and 29.

THE regular spring meeting of the executive committee of the council of the American Association for the Advancement of Science will be held at Washington, on Sunday, April 26. Association busi-

ness to be brought before the committee should be in the hands of the permanent secretary of the association, Smithsonian Institution Building, Washington, by April 20.

DR. JACOB GOULD SCHURMAN, minister to China, formerly professor of philosophy at Cornell University, and later president, has been appointed by President Coolidge ambassador to Berlin.

RENICK W. DUNLAP, of Ohio, has been nominated by the President to be Assistant Secretary of Agriculture.

THE presentation of the John Fritz Gold Medal, the highest honor bestowed by the engineering profession in the United States, to John Frank Stevens, former chief engineer of the Panama Canal, for great achievements as a civil engineer, particularly in planning and organizing the construction of the Panama Canal; as a builder of railroads, and as administrator of the Chinese Eastern Railway, took place on March 23. The speakers at the ceremony included Ralph Budd, president of the Great Northern Railway Company, and Roland S. Morris, former ambassador to Japan. John R. Freeman, of Providence, R. I., presided.

JOEL D. JUSTIN was recently awarded the James R. Croes Medal by the directors of the American Society of Civil Engineers for his paper on "The design of earth dams."

DUBLIN UNIVERSITY will confer the honorary degree of master of surgery on Dr. George W. Crile, of Cleveland, Ohio, and Dr. Charles H. Mayo, of Rochester, Minn.

THE Laetare Medal, given annually by the University of Nôtre Dame, has been awarded to Dr. Albert Francis Zahm, professor of mechanics, in the Catholic University of Washington, for his work in the field of aerial navigation.

THE University of Edinburgh has awarded the Cameron prize of £200 for distinction in practical therapeutics to Professor R. Magnus, of the Royal University, Utrecht, Holland.

DR. ROUX, director of the Pasteur Institute in Paris, has been elected honorary member of the Institute of Experimental Medicine in Leningrad. Professor W. M. Beijerinck, Holland, and Dr. C. Neuberg, Berlin, have been elected corresponding members.

DR. S. E. STRÖMGREN, director of the University Observatory at Copenhagen, has been elected a member of the Prussian Academy of Sciences.

DR. MAUCLAIRE, surgeon to the hospitals of Paris since 1897, has been elected to the French Academy of