

This medal is awarded not oftener than once a year for notable scientific or industrial achievement, without restriction on account of nationality or sex. It is a memorial to John Fritz, late of Bethlehem, Pennsylvania, long a leader in the American iron and steel industry.

This is the twenty-fourth award; the first was to John Fritz in 1902 in celebration of his eightieth birthday. A few of the other medalists are Elmer Ambrose Sperry, for development of the gyroscope; Edward Dean Adams, for achievement in development of hydroelectric power at Niagara Falls; John F. Stevens, for achievement in planning and organizing for the construction of the Panama Canal, building of railroads and administration of the Chinese Eastern and Siberian Railway during and immediately after the World War; Ambrose Swasey, as a designer and manufacturer of instruments and machines of precision, a builder of great telescopes and the founder of Engineering Foundation; Senator Guglielmo Marconi, for invention of wireless telephony.

The members of the board which awarded the medal for 1928 were:

Charles F. Loweth, chief engineer, C. M. & St. P. Railway.
C. E. Grunsky, consulting engineer, San Francisco.
Robert Ridgway, chief engineer, Board of Transportation, New York City.
Geo. S. Davison, president, Gulf Refining Co., Pittsburgh.
Arthur S. Dwight, president, Dwight & Lloyd Companies, New York.
William Kelly, mining engineer, Iron Mountain, Michigan.
J. V. W. Reynders, consulting engineer, New York.
Samuel A. Taylor, consulting engineer, Pittsburgh.
Fred R. Low, editor *Power*, New York.
W. F. Durand, professor of mechanical engineering, Stanford University.
Dexter S. Kimball, dean, College of Engineering, Cornell University.
Charles M. Schwab, chairman, Bethlehem Steel Corporation.
Gano Dunn, president, J. G. White Engineering Corporation, New York.
Farley Osgood, consulting engineer, New York.
Michael I. Pupin, professor of electro-mechanics, Columbia University.
C. C. Chesney, manager and chief engineer, General Electric Company, Pittsfield, Mass.

The presentation of the medal will take place in February, 1928, in connection with the annual meetings of the American Institute of Electrical Engineers, in the Engineering Auditorium, 29 West 39th Street, New York. The medal will be presented to General Carty by Robert Ridgway, chairman of the board which made the award.

FRED R. LOW, *Secretary,*
The John Fritz Medal Board of Award

THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

OFFICIAL announcement is this week made to the effect that New York Hospital, at 8 West Sixteenth Street, and Cornell University Medical College, First Avenue and Twenty-eighth Street, will be united as a single medical institution. It will occupy a new building, costing with the ground \$15,150,000, overlooking the East River between Sixty-eighth and Seventieth Streets, Avenue A and Exterior Street, immediately north of the Rockefeller Institute for Medical Research. Construction of the new building will be started in July, 1928, and it will be completed in July, 1930.

The announcement says:

The faculty and staff will be organized on a university basis, in accordance with the highest scientific standards. The laboratory staff of the Cornell Medical College has long been a full-time staff. In the new unified institution, the important clinical departments will be similarly manned by groups of teachers and investigators who will devote their entire time, and by other groups who give part of their time, to the work of the institution.

The new institution will be operated under the supervision of a joint administrative board consisting of Edward W. Sheldon, president of the hospital; William Woodward and Frank L. Polk, representing the hospital, with President Livingston Farrand, of Cornell University, J. Du Pratt White, a trustee of Cornell, and Dr. Walter L. Niles, dean of the medical faculty, representing the university.

Dr. George Canby Robinson, at present dean of the Medical School of Vanderbilt University, Nashville, Tenn., will be director of the new association, acting as executive officer of the medical faculty and coordinating the work of the medical school and the activities of the hospital.

The new hospital will contain about 415 public beds, seventy-five private beds and an extensive out-patient department—thus approximately doubling the present capacity of New York Hospital.

Messrs. Coolidge, Shepley, Bulfinch and Abbott, of Boston, who have acted as architects for several of the more recent hospital-medical college developments, including that at Vanderbilt University, are preparing plans for the new buildings.

The construction of the main building, to house jointly the two institutions, will be undertaken by the hospital under the direction of Marc Eidlitz and Son, Inc., as contractors, at an estimated cost of about \$11,000,000.

Toward carrying out the foregoing plan, the General Education Board has authorized an appropriation of \$7,500,000. This appropriation, together with the large legacies to both the hospital and the university provided for in the will of the late Payne Whitney, who died last May, has induced the two institutions to proceed immediately with the work of construction.

The combined financial position and requirements when this enterprise is completed are estimated as follows:

Cost of land, new building and equipment	\$15,150,000	
New York Hospital present endowment	15,000,000	
Other hospital buildings and equipment of the New York Hospital, assessed value	5,700,000	
Cornell Medical College, present and promised endowment	9,800,000	
		\$45,650,000

ADDITIONAL FUNDS REQUIRED

New York Hospital, for additional endowment and other buildings	\$10,000,000	
Cornell Medical College, for additional endowment	5,000,000	
		15,000,000
		\$60,650,000

SCIENTIFIC NOTES AND NEWS

ACCORDING to a cable to the *New York Times*, Dr. Julius Wagner-Jauregg, professor of neuropathology at the University of Vienna, has been awarded the Nobel prize in medicine for 1927, for his discovery of the malaria treatment for paresis. The Nobel prize in medicine for 1926 is said to have been awarded to Professor Johannes Fibiger, professor of pathological anatomy at Copenhagen.

THE Academy of Natural Sciences of Philadelphia presented on November 1 the John Scott medal and \$1,000 to each of the following: Dr. Afranio de Amaral, director of the Antivenin Institute of America, will receive the prize for the preparation of antivenins. Dr. Alfred Fabian Hess, clinical professor of pediatrics at the University and Bellevue Medical School and Hospital, will be honored for his discovery of the method of producing a vitamin factor in food by the use of ultra-violet rays. A prize will go to Dr. Peyton Rous, of the Rockefeller Institute for Medical Research, for separating from tumor cells of fowls a substance which produces the disease. The John Scott medal was established by a bequest to the city of Philadelphia in the will of John Scott, a chemist of Edinburgh, Scotland, who died in 1816.

THE unveiling of an oil portrait of Dr. Frank Billings, emeritus professor of medicine in the University of Chicago, took place in connection with the dedication of the new medical school buildings. Hanging over the fireplace in the Billings reading room of the university clinics, the portrait was unveiled at a dinner in honor of Dr. Billings.

DR. ELLIOTT C. CUTLER, professor of surgery at the Western Reserve Medical School, has been elected a corresponding member of the Royal Academy of Medicine, Rome.

THE Cross of a Chevalier of the Legion of Honor of France has been awarded to Dr. Chevalier Jackson, professor of bronchoscopy and esophagoscopy at the Jefferson Medical College, for his "distinguished contribution to science of medicine." The presentation was made on behalf of the French government at a private dinner by Dr. J. M. Le Mee, laryngologist of the Paris hospitals and of the American Hospital in Paris.

THE British Iron and Steel Institute recently awarded the Carnegie gold medal for the year 1925 to A. L. Curtis, Westmoor Laboratory, Chatteris, in recognition of his research work on steel moulding sand.

CHARLES A. LINDBERGH will receive the Hubbard gold medal of the National Geographic Society from the hands of President Coolidge at the Washington auditorium on November 14.

DR. L. O. HOWARD calls the attention of the editor of *SCIENCE* to the fact that, on page 391 of *SCIENCE* for October 28, he is made to appear as "the only American honorary member of the Academy of Agriculture of France." He states that the word "honorary" should have been omitted, since this French Academy has no honorary members. He is, however, the only American member.

AT the annual meeting of the American Academy of Arts and Sciences the following officers were elected: *President*, Edwin B. Wilson; *vice-president for class I*, Arthur E. Kennelly; *vice-president for class II*, George H. Parker; *vice-president for class III*, George L. Kittredge; *corresponding secretary*, Robert P. Bigelow; *recording secretary*, Charles B. Gulick; *treasurer*, Ingersoll Bowditch; *librarian*, Harry M. Goodwin; *editor*, William S. Franklin.

OFFICERS of Delta Omega, the national honorary public health society, were elected on October 19, 1927, as follows: *President*, Dr. C.-E. A. Winslow, of the Yale School of Medicine; *vice-president*, Major Edgar E. Hume; *secretary-treasurer*, Dr. James A. Tobey, of New York. Chapters of the society are now established at the Johns Hopkins School of Hygiene and Public Health, the Harvard School of Public Health, the Massachusetts Institute of Technology, the Yale School of Medicine, the University of Michigan and the University of California.

DR. AUGUSTUS TROWBRIDGE, professor of physics in Princeton University, has been appointed dean of the Princeton graduate school in succession to Dean An-