

chemistry, and will also house the Crocker Institute for Cancer Research.

Dr. Willard C. Rappleye, dean of the School of Medicine, has made the following statement:

Besides permitting an increase in the enrolment of candidates for the highest medical degree, doctor of medical science, the new laboratories will provide opportunities for a considerable number of others who, in the course of their medical training, wish to work on special problems requiring such laboratory facilities.

The new building, which will serve as a nucleus of the graduate program of the school, will accommodate residents in hospitals affiliated with the university as well as those who are working in the hospitals of the Medical Center. In view of the changes which are taking place in the requirements for specialization, it is increasingly important for specialty services to provide time during the residency period for training such as this school will shortly be prepared to offer.

During the past few years there has been a noteworthy increase in the number of graduating students who plan to spend longer periods than heretofore in hospital work before entering medical practice. The undergraduate student of to-day is looking further ahead and seeking opportunities for a more extensive and complete training in graduate fields. This is particularly true of those who plan to enter some special field in medicine but applies also to those who expect to become general practitioners.

Within our own organization certain changes have been made in the internship and residency programs in order to keep pace with this growing trend. These changes include lengthening of the term of hospital residencies in certain instances, the introduction of more conferences and seminars for the benefit of the hospital house staff, and provision for greater freedom on the part of the resident to pursue studies in some special field of laboratory and investigative work.

#### THE SAVANNAH MEETING OF THE ELECTROCHEMICAL SOCIETY

THE spring meeting of the Electrochemical Society will be held at the Hotel De Soto, Savannah, Ga., from April 27 to 30.

There will be two main sessions: Thursday morning will be devoted to a symposium on "Physical Chemistry in the Pulp and Paper Industry," which will be presided over by Charles Carpenter, of the Industrial Committee of Savannah, Inc. The topics which will be treated in this session are: "The Chemistry of Pulp-  
ing of Wood," "The Physical Chemistry of Sizing and Filling of Paper," "The Chemistry of Woodpulp-Bleaching," "The Mechanism of Cellulose Reactions," "The Chemistry of Chlorine and Hypochlorites," etc.

A second symposium on "Industrial Electro-Osmosis" will be held on Saturday morning, when Professor H. Jermain Creighton, of Swarthmore College, will preside. The Friday morning session will be de-

voted to papers on electrodeposition and miscellaneous subjects.

Dr. Charles H. Herty, who has been conducting experiments in his Pulp and Paper Laboratory at Savannah for the past five years, will deliver the fifth Joseph W. Richards memorial address on Thursday evening. The discussion at the luncheons will be under the direction of the divisions of the society. The luncheon on Thursday will be devoted to "Electrothermics"; on Friday to "Electrodeposition," and on Saturday to "Electronics."

Arrangements have been made for members of the society to visit Dr. Herty's laboratory and the industrial plants in the Savannah district, including the Southern Cotton Oil Company, the Union Bag and Paper Corporation, the Reliance Fertilizer Company and the Savannah Sugar Refining Corporation.

#### RETIREMENT OF THE DIRECTOR OF THE NEW YORK STATE EXPERIMENT STATION AT GENEVA

THE fifty-sixth annual report on the work of the State Experiment Station at Geneva has been issued. This is the last report to be prepared by Dr. U. P. Hedrick, who will retire on January 15, having reached the age of sixty-eight years. He has been a member of the staff for more than thirty years, becoming director of the station in 1928.

Dr. Hedrick is succeeded by Professor Percival J. Parrott, entomologist, since 1929 vice-director of the station. Dr. Parrott will be the seventh director of the experiment station since its opening fifty-five years ago.

The report covers the activities of the experiment station for the fiscal year ended June 30, 1937, and in addition to the sections dealing with the scientific work of the eight research divisions, contains a financial statement and a list of all publications prepared by members of the staff during the period covered by the report.

In view of this being his final report as director, Dr. Hedrick takes occasion to review particularly developments which have marked the nine years of his administration. Among the items discussed are the reorganization of the research program, including the establishment of new divisions of vegetable crops, plant pathology and seed investigations; the erection of a new laboratory building and new greenhouses; celebration of the fiftieth anniversary of the station; and increases in the staff appropriations, fellowships and cooperative arrangements for experimental work.

Under the administration of Dr. Hedrick improvement in the appearance of the grounds was made possible very largely by labor supplied through various relief agencies and by donations of plants, trees and

shrubs by nurserymen. Commenting on this, he says in part, "Primarily the desire was to make the grounds more presentable, but a secondary object, and one which has turned out to be quite as valuable as the first, was to plant trees, shrubs and flowers, so that all

lovers of plants and those who sell plants could come to the station to study varieties, to learn what species and varieties thrive best, and to give the plant pathologists and entomologists of the station an opportunity to study the insect pests and diseases of ornamentals."

## SCIENTIFIC NOTES AND NEWS

THE gold medal of the American Institute, New York City, has been awarded to Dr. William Crocker, director of the Boyce Thompson Institute for Plant Research at Yonkers, N. Y., "in recognition of his contribution to knowledge of life processes in plants and for his unique leadership in the organization of plant research." This medal is given to organizations or individuals for distinguished contributions to the advancement of natural science "which have a broad incidence on human welfare."

DR. FRANK J. TONE, president of the Carborundum Company, Niagara Falls, N. Y., was presented with the William H. Perkin Medal for 1938 of the American Section of the Society of Chemical Industry at a joint meeting of the section with the New York Section of the American Chemical Society at the Chemists' Club on January 7. The medal was awarded for "valuable work in applied chemistry, including the development of abrasives and refractories." The presentation speech was made by Professor Marston T. Bogert, of Columbia University, past president of the American Chemical Society. Dr. Carl G. Schluederberg, vice-president of the Ford Instrument Company, Long Island City, spoke on "The Life and Accomplishments of the Medalist." Dr. James G. Vail, of Philadelphia, chairman of the American Section, presided at the meeting.

A CONGRESSIONAL MEDAL "for scientific accomplishment unequalled in polar exploration" will be presented to Dr. Thomas C. Poulter, director of the research foundation at Armour Institute of Technology, at a dinner given in his honor on January 19. Dr. Poulter was senior scientist and second in command to Rear Admiral Richard E. Byrd on the second Byrd Antarctic expedition, which left the United States in October, 1933, and returned in May, 1935. The medal will be presented by Governor Horner, and Rear Admiral Byrd will speak.

DR. H. C. SHERMAN, Mitchill professor of chemistry at Columbia University, was presented at a luncheon given by the Associated Grocery Manufacturers of America on December 28 with the 1937 award—a scroll given annually for "the most outstanding contribution to the industry." The presentation was made by Dr. John L. Rice, city health commissioner.

A BANQUET was given on January 2 in Dallas, Texas, in honor of the eightieth birthday of Thomas Ulvan Taylor, dean emeritus of the College of Engineering of the University of Texas.

THE library of the School of Medicine of Tulane University of Louisiana, New Orleans, was named in honor of Dr. Rudolph Matas, emeritus professor of general and clinical surgery at the university, at ceremonies that were held on November 29. Tribute was paid to his years of service to the university and to his constant interest in the development of the library. The occasion also marked his seventy-seventh birthday, which occurred on September 12. The Orleans Parish Medical Society devoted its bulletin on December 6 to Dr. Matas in recognition of the dedication of the library at the medical school and to mark the presentation for the second time of the Rudolph Matas Vascular Award, created by the Violet Hart Fund. Professor Reynaldo dos Santos, of Lisbon, received the medal.

AN award of \$1,000 and a medal has been presented to Professor Julius Wagner-Jauregg, of Vienna, by the Committee on Research in Syphilis, New York City. Professor Wagner-Jauregg, now eighty years old, is critically ill at his home in Vienna. The award was made in recognition of work on the malaria treatment of syphilis, for which he received the Nobel prize in 1927. The Committee on Research in Syphilis was organized in 1928 by a group of laymen, acting in cooperation with the American Social Hygiene Association, to subsidize and develop clinical and laboratory research.

*Nature* states that it is proposed to present Sir Arthur Keith with a bronze bust of himself in appreciation of his work in the fields of anatomy, embryology and anthropology. Sir Arthur wishes to hand over the bust to the keeping of the Royal College of Surgeons, should it be found possible to secure it. The sum of £150 is required to purchase the bust, and contributions are invited towards this amount. Sir Arthur Keith has been invited by the college to give a lecture on the ancient types of man which were discovered in Palestine some years ago. This lecture will be given on February 14, and it is proposed to present him with the bust on that occasion.