

as president of the New England Wild Flower Preservation Society have won the deepest respect and appreciation.

Miss Marian Roby Case, for her work with boys at Hillcrest Gardens. For twenty years Miss Case has devoted her time and fortune to an experiment in education and horticulture which has proved unique and has attracted wide attention.

Kidder, Peabody & Company, Boston, for demonstrating the fact that a beauty spot can be made in the heart of a great city.

William Filene's Sons Company, Boston, for the example set by them in their consistent use of window boxes on business houses.

Professor B. L. Robinson, for his eminent service to botany. As head of the Gray Herbarium, Professor Robinson has carried on much important work with distinguished success.

#### PRESENTATION TO PROFESSOR NOVY

FRIENDS, colleagues and students of Dr. Frederick G. Novy, since 1902 professor of bacteriology at the University of Michigan, united on the occasion of his sixty-fifth birthday in the presentation of a full-sized oil portrait, painted by J. E. Weiss, and a volume containing two hundred letters of greeting from scientific men throughout the world.

Dr. Aldred Scott Warthin, head of the department of pathology, in presenting the portrait, said:

We are assembled here to render richly deserved honor to a distinguished colleague, who for 43 years has been a worthy and faithful servant of the university. Not only as an original and forceful teacher, but much more as a scientific investigator, he has added luster to the fame of the university and medical school. More than any other single member of its faculties he has contributed to their international reputation. His name is known in all lands where modern medical science has a foothold, and it will be perpetuated to coming generations through the many imprints it has made upon the terminology of bacteriological science. The fame of the university can rise no higher than that of the individual members of its faculties. It is a collective fame, increasing from generation to generation as successive men of note follow one another in its professorships. It would seem fitting that an effort be made to perpetuate the memory of those who, in their day, gave of their best, in contributing to the university's intellectual development. It is with this object in view, that the colleagues and old students present this portrait to the university, of the man they delight to honor, Professor Frederick G. Novy.

In reply, as he accepted the painting, Dr. Ruthven said:

We are met to-day to honor a man famed as a teacher, who has to an enviable extent contributed to the progress of science and to the advancement of scholarship at the University of Michigan, a man, moreover, who as our colleague has by his example and personality endeared

himself to us, inspired us in our labors, and made us proud to have known him in his work. In honoring him we are not only giving him his due but we are also indicating our belief that the university stands for creative scholarship as well as for sound teaching. We will place this emblem with the prayer that it may inspire generations of students to emulate the subject it portrays.

#### THE GEORGE HERBERT JONES CHEMICAL LABORATORY OF THE UNIVERSITY OF CHICAGO

A LARGE group of distinguished chemists attended the dedication ceremonies, which extended over December 16 and 17. Mr. Jones, in presenting the laboratory, said: "The department of chemistry has done exceedingly well in the past; I hope that this new laboratory will assist it to accomplish much in research in the future, and especially will prove of value to industry."

President Robert Maynard Hutchins, in accepting the building for the university, said: "Through the generosity of Mr. Jones, a department with a brilliant history may look forward to a yet more brilliant future. Of the two hundred and sixty men and women who received the Ph.D. degree on recommendation of the department, twenty-four are heads of departments in colleges and universities; fifty-seven hold university professorships; fifty-eight occupy college chairs; twenty-two are active in research institutions, and eighty-five are engaged in industrial research. Obviously, what goes on in the department affects the progress of scientific investigation throughout the country, and has the most direct and important bearing on our educational system."

A plaster cast of the bronze bust of the donor, which when completed is to be placed in the lobby of the laboratory, was presented to the university by Mrs. Walter J. Jarratt, daughter of Mr. Jones, and accepted by Mr. David Evans, president of the Chicago Steel Foundries. Dr. F. W. Upson, a Ph.D. of the department, presented on behalf of alumni and friends a bronze bust of the late John U. Nef, and Mrs. Sara Bowles Smith presented a bust of the late Alexander Smith, both at one time members of the department.

Associate Professor John W. E. Glattfeld spoke on "Nef, the Man and Teacher," and Dr. Herman A. Spoehr, of the Carnegie Institution, Stanford University, on "Nef, the Investigator." W. D. Richardson, chief chemist of Swift and Company, gave an address on "Smith, the Man and Teacher," and R. H. McKee, professor of chemical engineering in Columbia University, spoke on "Smith, the Investigator."

A bust of Professor Stieglitz was presented by Dr. B. B. Freud, on behalf of alumni and friends, and accepted by Professor Hermann I. Schlesinger.

Participating in a program on the general subject of "Some Present and Future Problems in Chemistry" were Dr. G. N. Lewis, head of the department of chemistry in the University of California, whose topic was "Physical Chemistry"; Dr. C. H. MacDowell, president of the Armour Fertilizer Works, "Chemistry Applied to Industry"; Dr. Edward R. Weidlein, director of the Mellon Institute of Industrial Research in Pittsburgh; Dr. Charles A. Kraus, head of

the department of chemistry in Brown University, who discussed "Inorganic Chemistry"; Dr. Moses Gomberg, head of the department of chemistry in the University of Michigan, and Associate Professor M. S. Kharasch, whose topic was "Organic Chemistry." Dr. Carl Voegtlin, of the United States Public Health Service, and Dr. A. P. Locke, Seymour Coman fellow in chemistry applied to medicine, spoke on "Chemistry and Medicine."

## SCIENTIFIC NOTES AND NEWS

THE one thousand dollar prize offered annually by the American Association for the Advancement of Science for "a noteworthy contribution to science" presented at the meeting was awarded at Des Moines to Professor Arthur J. Dempster, of the University of Chicago. Professor Arthur H. Compton, with whom Professor Dempster is associated at Chicago, is reported to have said: "The most important contribution of twentieth-century physics is that the physical world can be reduced to three kinds of particles—protons, electrons and photons, and that each of these particles has also the characteristics of waves. The last stage is the proof that the protons, the positively charged parts of matter, have wave characteristics. It is this completion of the great work of twentieth-century physics which has been accomplished by Professor Dempster."

THE first gold medal awarded by the New York Academy of Medicine has been conferred on Dr. Carl Koller. The medal was presented by Dr. John A. Hartwell, president of the academy, the citation read by Dr. Linsly R. Williams being as follows: "Dr. Koller, distinguished ophthalmologist, able in the field of biology, painstaking in research, the discoverer of the anesthetic properties of cocaine, the inaugurator of the era of local anesthesia, conferring on humanity an enormous relief from suffering, a fellow of this academy since 1898, in recognition of his services is awarded this first academy medal."

THE Perkin medal is to be presented on January 10 to Dr. Herbert H. Dow, president of the Dow Chemical Company, of Midland, Michigan. The presentation is made because of his developments of improvements in the production of chlorine, bromine, magnesium and numerous other chemical materials. The presentation will be at a joint meeting of the Society of Chemical Industry, American Chemical Society, the Société de Chimie Industrielle and the American Electrochemical Society. An informal dinner at 7:00 P. M. will precede the meeting. The following program will be presented in Rumford Hall of the Chemists' Club at 8:15 P. M.: "Early Days of

the Medalist," James T. Pardee; "Accomplishments of the Medalist," E. O. Barstow; presentation of Perkin medal, Marston T. Bogert, and acceptance speech, Herbert H. Dow. Dr. Dow will speak on the "Economic Trend in the Chemical Industry."

THE A. Cressy Morrison Prizes of the New York Academy of Sciences for 1929 have been awarded as follows: For the most acceptable paper in the field of experimental biology, embodying the results of original research not previously published, to Michael Heidelberger and Forrest E. Kendall, for their joint paper entitled "A Physico-chemical Interpretation of an Immune Reaction: A Quantitative Study of the Precipitin Reaction between Type III, *Pneumococcus Polysaccharide* and Purified Homologous Antibody." For the most acceptable paper in a field of science covered by the academy or an affiliated society, but not included in the above, which paper embodies the results of original research not previously published, to Horace W. Stunkard, for his paper entitled "The Life History of *Chryptocotyle lingua* (Creplin) with Notes on the Physiology of the Metacercariae."

DR. THEOBALD SMITH, of the department of animal pathology of the Rockefeller Institute for Medical Research at Princeton, has agreed to act as consultant in bacteriology to the division of laboratories and research of the New York State Department of Health at Albany. Dr. James Ewing, professor of pathology at Cornell University Medical College in New York City, has accepted the appointment of consulting pathologist to the laboratories.

DR. HERBERT V. NEAL, professor of zoology and dean of the graduate school of Tufts College, was elected president of the American Society of Zoologists at the recent Des Moines meeting. E. E. Just, professor of zoology in Howard University, Washington, D. C., was elected vice-president.

At the annual meeting of the Board of Trustees of the American School of Prehistoric Research held at Vassar College, December 28, 1929, Professor George Grant MacCurdy, of Yale University, was re-