

engineering drawing at the Carnegie Institute of Technology. He is being assisted in this work by F. W. Ming, of the Brooklyn Polytechnic Institute, as chairman of a subcommittee having charge of the drawing instrument project; William G. Smith, of Northwestern University, whose committee will have the collection of historical types of drawings in charge; F. M. Porter, of the University of Illinois, whose committee will be in charge of the collection of the material showing the evolution of text-books on descriptive geometry, drawing and other forms of graphics. Mr. McCully is in charge of the collection of material for the posters.

Efforts are being made to interest the Rosenwald Museum of Industrial Art in Chicago in the collection of old forms of engineering drawing, to the end that such a collection may eventually become a part of their exhibits.

The bulletin board posters are intended for general distribution through the drawing departments of all the engineering colleges. They are to be posted week by week, and it is hoped that they will add an inspirational touch to the teaching program.

The chairmen of the various committees are very anxious to make their collections as complete as possible, and they request that any readers of this publication who are in a position to lend or contribute to any particular collection write to them at once stating the nature of their offering.

INORGANIC SYNTHESSES

At a meeting of a group of inorganic chemists at the Chicago convention of the American Chemical Society it was proposed that a series of volumes be published on inorganic syntheses somewhat similar to the organic syntheses now published. Like them, each synthesis submitted will be checked by another chemist before publication. The syntheses of each volume will be arranged in chapters on the basis of the periodic groups, with introductory chapters on special subjects. These syntheses will be either new, more efficient or simpler methods, older ones improved or ones which have been inadequately described when published in the journals.

Each synthesis will include precise directions with yields and purity of product as indicated by analyses. The method of analysis in cases where it is unusual will be described. Drawings may be used to simplify and to decrease length of descriptions. Sources of raw material where starting material is not on open market will be given. It is further expected that this will be an opportunity for original publication to supplement our crowded journals. The "Syntheses" will be abstracted in *Chemical Abstracts*. It is hoped

that these volumes will aid in the renaissance of inorganic chemistry.

It is proposed to utilize any royalties to help defray the expenses of the secretarial help needed for the project. In order to get this project under way the following have been selected as a board of editors: L. F. Audrieth, W. C. Fernelius, W. C. Johnson, R. E. Kirk and H. S. Booth, editor-in-chief.

The board of editors will welcome contributions and wish that contributions would be sent in as soon as possible, as the assembly for the first volume is now under way. The board would also appreciate suggestions and comments on the plan.

MEDICAL LECTURES AT THE HARVARD AND STANFORD SCHOOLS OF MEDICINE

A SERIES of twelve public lectures on medical subjects will be given at the Harvard Medical School at 4 P. M. on Sunday afternoons, beginning January 7. The speakers, all but two of whom are members of the faculty of the school, and their subjects are:

January 7.—Dr. R. M. Smith, assistant professor of pediatrics and child hygiene, "How Do Your Children Grow?"

January 14.—Dr. F. W. Palfrey, assistant professor of medicine, "The Hygiene of Middle Life."

January 21.—Dr. T. B. Mallory, instructor in pathology, "Cancer."

January 28.—Dr. John Homans, assistant professor of surgery, "Varicose Veins and Varicose Ulcers."

February 4.—Philip Drinker, associate professor of industrial hygiene, "The Air We Breathe."

February 11.—Dr. F. T. Fulton, consulting physician at the Rhode Island and other hospitals and cardiologist at the Providence Lying-in Hospital, "How to Budget the Reserve Strength of the Heart."

February 18.—Dr. Walter Bauer, assistant professor of medicine, "Arthritis."

February 25.—Dr. V. H. Kazanjian, professor of clinical oral surgery, "Dentistry's Contribution to the Repair of Face and Jaw Deformities."

March 4.—Dr. W. L. Mendenhall, professor of pharmacology at Boston University Medical School, "Tobacco."

March 11.—Dr. Alice Hamilton, assistant professor of industrial medicine, "Dangerous Trades."

March 18.—Dr. F. C. Irving, professor of obstetrics, "The Change of Life."

March 25.—Dr. G. P. Grabfield, instructor in pharmacology, "Headaches and Headache Remedies."

The fifty-second course of popular medical lectures will be given by Stanford University School of Medicine on alternate Friday evenings at eight o'clock in Lane Hall from January 12 to March 23. The lectures and their subjects are:

January 12.—“The Organization of Medical and Surgical Emergencies in San Francisco,” Dr. Edmund Butler.

January 26.—“Medicine in Community Service,” President Ray Lyman Wilbur.

February 9.—“Relation of Diet to Health,” Dr. Agnes Fay Morgan.

February 23.—“Occupational Therapy,” Mary C. Rixford.

March 9.—“The Rôle of Psychiatry in Preventive Medicine,” Dr. George S. Johnson.

March 23.—“Some Contributions of Medical Science to Our Knowledge of Pain,” Dr. Joseph C. Hinsey.

OFFICERS OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

A FULL account of the Boston meeting of the American Association for the Advancement of Science and the scientific societies associated with it, edited by the permanent secretary, will be published in the issue of SCIENCE for February 2. Officers of the association were elected as follows:

PRESIDENT

Professor Edward L. Thorndike, Teachers College, Columbia University.

VICE-PRESIDENTS AND CHAIRMEN OF SECTIONS

A—*Mathematics*. Professor R. D. Carmichael, University of Illinois.

B—*Physics*. Professor Henry G. Gale, University of Chicago.

C—*Chemistry*. Professor Joel H. Hildebrand, University of California.

D—*Astronomy*. Professor Frederick Slocum, Wesleyan University.

E—*Geology and Geography*. Professor James B. Macelwane, St. Louis University.

F—*Zoological Sciences*. Professor George L. Streeter, Carnegie Institution.

G—*Botanical Science*. Dr. Bernard O. Dodge, New York Botanical Garden.

H—*Anthropology and Archeology*. Dr. Melville J. Herskovitz, Northwestern University.

I—*Psychology*. Professor John E. Anderson, University of Minnesota.

K—*Social and Economic Sciences*. Carl Snyder, Federal Reserve Bank, New York.

L—*Historical and Philological Sciences*. Professor Solon J. Buck, University of Pittsburgh.

M—*Engineering*. Dr. C. E. Skinner, Westinghouse Electric and Manufacturing Company, East Pittsburgh.

N—*Medical Sciences*. Dr. Cyrus C. Sturgis, University of Michigan.

O—*Agriculture*. Professor Jacob G. Lipman, Rutgers University.

Q—*Education*. Professor Guy Thomas Buswell, University of Chicago.

ELECTED MEMBERS OF THE COUNCIL

Professor F. K. Richtmyer, Cornell University.

Dr. John C. Merriam, Carnegie Institution.

MEMBERS OF THE EXECUTIVE COMMITTEE

President Karl T. Compton, Massachusetts Institute of Technology.

Professor Edwin G. Conklin, Princeton University.

TRUSTEE OF SCIENCE SERVICE

Dr. J. McKeen Cattell.

SECRETARIES OF SECTIONS

I—*Psychology*. Professor John A. McGeech, University of Missouri.

N—*Medical Sciences*. Professor Earl Baldwin McKinley, George Washington University Medical School.

SCIENTIFIC NOTES AND NEWS

THE Rumford Medal of the American Academy of Arts and Sciences was presented to Dr. Harlow Shapley, director of the Harvard College Observatory, at a joint meeting in Boston on December 27 of the academy and the American Association for the Advancement of Science. Dr. Shapley spoke on “The Anatomy of a Disordered Universe.”

PRESENTATION of the Penrose Medal to Dr. Waldemar Lindgren, head of the department of geology at the Massachusetts Institute of Technology, was made on December 29 at the annual dinner of the fellows of the Geological Society of America. Professor Edson S. Bastin, head of the department of geology at the University of Chicago, in presenting the medal to Dr. Lindgren, pointed out that Professor Lindgren had brought his adopted country into a position of leadership in the science of ore deposits.

THE William H. Nichols Medal, bestowed annually by the New York section of the American Chemical Society, has been awarded for 1934 to Dr. Henry C. Sherman, Mitchill professor of chemistry in Columbia University. The award goes to Dr. Sherman for achievement in vitamin research, particularly in its quantitative aspects.

THE eleventh annual prize of \$1,000, given by the American Association for the Advancement of Science to the author of a noteworthy paper presented at the winter meeting, was awarded at Boston to Dr. Reuben L. Kahn, professor of bacteriology at the University of Michigan Medical School, for his paper “Tissue Reactions in Immunity.”

DR. WILHELM HIS, professor of internal medicine at Berlin, celebrated his seventieth birthday on December 29.