

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: