

The Board of Education has approved a site for the first unit. Three blocks are to be used as a site for the Wayne University-County Hospital. Construction of the hospital should begin within a year. In addition to the three blocks to be acquired immediately, the board recommended that the adjacent district with a gross area of 53 acres, be earmarked for the future development of the center. The entire site has the recommendation of the City Plan Commission, the trustees of the Wayne University-County Hospital, the board of directors of the new Medical Science Center Corporation, and the administrative officers of the university.

Tentative plans for a new historical and industrial museum were shown to representatives of Michigan historical organizations at a meeting held on November 19. The plans were drawn up by William E. Kapp, president of the Detroit Chapter of the American Institute of Architects. Speakers at the meeting included L. Hubbard Shattuck, director of the Chicago Historical Society, and Dr. David D. Henry, executive vice-president of Wayne University. George W. Stark, president of the Detroit Historical Society, announced that Mrs. Charles B. Pike, of Chicago, had given to the society the sum of \$50,000 to assist in financing an auditorium in memory of her father, General Russell A. Alger, to be known as the General Russell A. Alger Military Memorial Hall. The auditorium will form a part of the proposed museum. A condition of the gift provides that, within eighteen months of the signing of the trust agreement, an additional \$200,000 must be raised to further the project.

RARE CHEMICALS

THE following chemicals are wanted by the National Registry of Rare Chemicals, Armour Research Foundation, 33rd, Dearborn and Federal Streets, Chicago, Ill.:

1-Amino-4(4-aminophenylamino) anthraquinone
 Bituminous Shale Oil
 Cytosine
 Beta hydroxy glutamic acid-d
 Methyl isopropenyl ketone
 Morin (pure)
 Neopentane (pure)
 Potassium salt of tetrabromphenolphthalein ethyl ester
 Titanium hydride
 Silver fluoride
 beta-amyrin
 Tetra butyl lead
 Triphenyl lead hydroxide
 Tritolyl lead hydroxide
 Tributyl lead oleate
 Tributyl lead ricinoleate
 Tetraphenyl tin
 Tetra butyl tin
 Triphenyl tin hydroxide

THE SUGAR RESEARCH FOUNDATION

A LONG-RANGE program of research on sugar will be undertaken at the Massachusetts Institute of Technology in cooperation with the newly established Sugar Research Foundation of New York, which has made a grant of \$125,000 for a five-year program of research. Plans for the project were made public in a joint announcement by President Karl T. Compton, of the Massachusetts Institute of Technology, and Joseph F. Abbott, president of the Sugar Research Foundation.

The foundation was established for the development of fundamental knowledge in the field of carbohydrate chemistry, biochemistry and nutrition. Membership is open to all producers and processors of sugar in the United States, Puerto Rico, Hawaii and Cuba.

Dr. Compton, in announcing the cooperative arrangement, said:

The new program is another step in the institute's long-established policy of cooperation with industry in fundamental research to improve industrial processes and develop new products. The project we are about to undertake is a pioneering plan of national significance in that it promises substantial benefits, not for one organization, but for an entire industry.

The rewards of scientific research in cooperation with industry are by no means restricted to the development of new products, for the discovery of new knowledge in any branch of science invariably proves to be a contribution to advanced technical education in associated fields. Thus this sponsored research on sugar makes it possible for the institute to continue and expand the program of fundamental investigations in the field of carbohydrate chemistry which has been in progress for several years.

We are particularly glad that Dr. Robert C. Hockett, who has been given leave of absence from our faculty to become the scientific director of the Sugar Research Foundation, will be in charge of this broad program.

The sugar industry is to be commended for its public service and vision for making possible this objective research. I feel sure it will be rewarded by results of great scientific value to the public.

Commenting on the new laboratory, Joseph F. Abbott, president of the Sugar Research Foundation, said in part:

It is anticipated that the chemical studies conducted under the arrangement with the Massachusetts Institute of Technology will not only extend knowledge of the role of sugar and other carbohydrates in the human body, but also will unfold wholly new industrial uses for sugar and its derivatives. It is our hope that the collaboration between the industry and this outstanding technical institution will prove to be of great benefit to science and the general public as well as to the industry.

An important objective of this broad research program will be the training of scientists in the field of carbohydrate chemistry to prepare them for service in the industry for further technical studies. Provision has also been

made for fellowships for young graduate students who are candidates for advanced degrees to permit them to continue their work in this field.

THE ALABAMA ACADEMY OF SCIENCE

THE new officers for the Alabama Academy of Science for 1943-44 are: *President*, Dr. E. V. Jones, Birmingham-Southern College; *President-Elect*, Dr. James T. MacKenzie, American Cast Iron and Pipe Company; *Secretary*, Winnie McGlamery, Alabama Geological Survey, University; *Councilor of the American Association for the Advancement of Science*, Dr. Septima C. Smith, University; *Councilors of Junior Academy*, Dr. Alvin V. Beatty, University; Miss Kathryn M. Boehmer, Birmingham; *Section Chairmen*: Biology and Medicine, Dr. J. M. Robinson, Alabama Polytechnic Institute; Chemistry, W. C. Frishe, Alabama Polytechnic Institute; Geology and Anthropology, Peter A. Brannon, Department of Archives and History, Montgomery; Geography and Conservation, Miss Lillian Worley, Alabama College, Montevallo; Physics and Mathematics, Dr. G. F. Barnes, Judson College, Marion; Industry and Economics, Roy Goslin, Alabama Polytechnic Institute; the Teaching of Science, Dr. J. L. Kassner, University.

The Alabama Academy of Science did not hold the usual spring meeting in 1943, which was scheduled at Auburn. Instead there was a called meeting of the executive committee during the latter part of April in Birmingham, at which time it was decided that the 1944 spring meeting of the academy would be held in Birmingham, the date to be determined later.

WINNIE MCGLAMERY,
Secretary

AWARDS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

THE American Society of Mechanical Engineers conferred its 1943 honors and awards at the dinner program of its sixty-fourth annual meeting at the Hotel Pennsylvania on December 1. Harold V. Coes, retiring president of the society, and Ralph S. Damon, general manager of American Airlines, Inc., were the speakers.

The medal of the society was awarded to Lewis K. Silleox, a fellow of the society, first vice-president of the New York Airbrake Company and vice-president of Hydraulic Controls, Inc., Chicago. Established in 1920, the medal is given for "distinguished service in engineering and science." The citation accompanying the award reads in part: "Eminent engineer executive, distinguished lecturer . . . a lover of wisdom . . . for his preeminent and permanent contribution to the art and science of engineering, of transportation, of education and the fine art of living."

Dr. Vannevar Bush, president of the Carnegie Institution of Washington, D. C., and director of the Office of Scientific Research and Development, was awarded the Holley Medal as "engineering educator, inventor and leader in scientific research," for "machines used in easing applied mathematics from computational barriers." This medal, instituted and endowed in 1924 by George I. Rockwood, past president of the society, is given for engineering genius that has accomplished "a great and timely public benefit." Dr. Bush is the builder of the differential analyzer, a machine for solving differential equations.

Igor I. Sikorsky, of Vought-Sikorsky Aircraft, Stratford, Conn., a fellow of the society, inventor of the helicopter and the Sikorsky multi-motored amphibian, received the Worcester Reed Warner Medal, given for a paper dealing with progressive ideas in mechanical engineering or efficiency in management. The medal was awarded "for his stimulation of the engineer in those priceless attributes, imagination and creative ability" and for his inspiration to young engineers engaged in research and development.

Three awards were made which are presented jointly with other societies:

Dr. Charles F. Kettering, of Detroit, general manager of the Research Laboratories Division of General Motors, president of C. F. Kettering, Inc., and vice-president of General Motors, was presented with the John Fritz Medal for 1944. The citation reads: "For notable achievements in the field of industrial research which have contributed greatly to the welfare of mankind and of the nations." In addition to the John Fritz Medal, the American Society of Mechanical Engineers Medal for 1940, which had never been formally conferred, was given to him for "outstanding invention and research."

The Alfred Noble Prize, a cash award given jointly by the American Society of Mechanical Engineers and four other engineering societies, was presented to Dr. Benjamin J. Lazan, of Greenwich, Conn., chief engineer of the Sonntag Scientific Corporation, for his monograph: "Some Mechanical Properties of Plastics and Metals under Sustained Vibration."

Dexter Simpson Kimball, dean emeritus of the College of Engineering of Cornell University, was awarded the Henry Laurence Gantt Memorial Gold Medal for "outstanding attainment in the teaching and practice of industrial management and for distinguished contributions to its literature." He is a fellow, honorary member and past president of the American Society of Mechanical Engineers and a Warner Medalist. This award is presented jointly with the American Management Association.