

ment in engineering research in colleges and universities. It is to recognize contributions through original research, research administration, leadership influencing the productive research of others, and the effective application of research results to the advancement of engineering education.

4) The Curtis W. McGraw research award to honor young staff members for contributions through engineering college research. This \$1000 prize, to be given for the first time next year, is to recognize outstanding early research achievements and to encourage the continuance of such activity in the future.

5) The James H. McGraw award in technical institute education is an annual prize of \$500 presented for established achievement in technical institute education—teaching, administration, publications, and other forms of leadership.

6) The president's awards to young engineering teachers, given annually for papers written by young engineering teachers on a phase of engineering education. The contest seeks to encourage the participation of young teachers, 36 years or younger, in the problems of engineering education. Prizes of \$200 and \$100 are given for the two-top-ranking papers.

7) The engineering drawing award of a certificate for distinguished service by a member of the society's engineering drawing division. The qualifications include a record of successful teaching, improvement of the tools and conditions for teaching, scholarly contributions to engineering drawing, and service to the Division.

The society's awards are given to winners selected, in each case, by special committees assigned to study the records of each nominee. Further information and blanks for nominations are available from the secretary of the society, Prof. W. Leighton Collins, University of Illinois, Urbana, Ill.

■ The Earth Sciences Program of the National Science Foundation is now receiving proposals for research grants that will be made in June and July 1957. The deadline date for receipt of applications is 8 Feb. 1957.

There are no formal application blanks, but an NSF pamphlet describes application procedure, including an outline of the information needed in a proposal. This pamphlet may be obtained by writing to the National Science Foundation, Washington 25, D.C., Attention: Earth Sciences Program.

■ The mycological herbarium of Dr. Gertrude Simmons Burlingham, consisting of some 10,000 collections of *Russula*, *Lactaria*, and other genera of fleshy Basidiomycetes, and her library of books and pamphlets on fungi were bequeathed to the New York Botanical Garden in 1952.

Under the will of her friend and executrix, Miss Gertrude Sturges, the Garden is to receive an endowment for the Gertrude S. Burlingham scholarship in mycology, assuring the continuation of this scholarship first offered in 1956. No appointment will be made for 1957, but under present plans the scholarship will subsequently be awarded annually.

■ The National Science Foundation will award individual grants to defray partial travel expenses for a limited number of American scientists who wish to participate in the 30th session of the International Statistical Institute and in the Congress of the International Union of the Scientific Study of Population. These two congresses are scheduled to meet in Stockholm, Sweden, 8–15 Aug. 1957.

Application blanks may be obtained from the National Science Foundation, Washington 25, D.C. Completed application forms must be submitted by 1 Mar. 1957.

### In the Laboratories

■ Vitro Engineering Division of New York, a division of the Vitro Corporation of America, has received a contract for engineering services on a CP-5 nuclear reactor research facility to be built in Milan, Italy. The reactor will be a heavy water plant using enriched uranium as fuel. It will be of the same type as the CP-5 reactor operated by the Atomic Energy Commission and Argonne National Laboratory at Lemont, Ill.

■ The 26th session of the Norelco X-ray Diffraction School for research and industrial registrants who can visit the New York City area will be held at the plant of North American Philips Company, Inc., 750 S. Fulton Ave., Mount Vernon, N.Y., during the week of 4–8 Feb. Registration for the school will be limited to 125 for the first 4 days and to 150 on Friday, the day devoted to actual application problems when guest speakers discuss methods currently in use by researchers and industrial plants. It is recommended that those planning to attend the February meetings make their reservations at the earliest possible date. There is no registration fee.

■ On 20 Nov. the library of the Ortho Research Foundation, Raritan, N.J., was dedicated to Carl G. Hartman, director emeritus of the foundation. On this occasion, George W. Corner delivered an address on "Reprints, their use and abuse."

### Miscellaneous

■ *Tetrahedron*, an international journal of organic chemistry, has been announced by the chairman of the honorary editorial board, Sir Robert Robinson of Great Missenden, Bucks., England. Contributions will be printed in English, French, or German. Original memoirs of an experimental or theoretical nature will be accepted, in addition to preliminary communications and short presentations of stimulating ideas. Longer papers describing an extended investigation will be welcomed. It is hoped that this type of longer paper will make it easier for the reader to become acquainted with the results of the work of his colleagues in other countries.

The international character of the new periodical will be emphasized, for the publication is not intended to compete with existing national journals; the aim will rather be to complement them. It is hoped that a special feature will be the publication in English, French, or German of outstanding research work that has already appeared in another language, such as Russian, Czech, Hungarian, Chinese, or Japanese. In this connection, mere translations are not contemplated but rather a synthesis of older matter with additions of newer results.

*Tetrahedron* is intended to cover all aspects of organic chemistry, whether theoretical or practical, analytic or synthetic, physical or biological. Papers on applied chemistry that have a pure organic chemical content will be acceptable in many cases.

Honorary regional editors are as follows: Dr. M. S. Kharasch, Department of Chemistry, University of Chicago, Chicago 37, Ill., U.S.A.; Prof. R. H. Martin, Laboratoires de Chimie Organique, Université Libre de Bruxelles, 50 Ave. F. D. Roosevelt, Brussels, Belgium; and Academician A. N. Nesmeyanov, Akademii Nauk SSSR, Bolshaya Kaluzskaya 14, Moscow, U.S.S.R. The executive editor is Emeritus Professor H. Stephen, O.B.E., D.Sc., F.R.I.C.

■ A cross section of the recently discovered pine tree that probably attained the greatest age of anything that ever lived on earth [*Science* 124, 884 (2 Nov. 1956)] has been offered to the American Museum of Natural History for exhibition in the Hall of North American Forests that is to be opened late next year. The 4000-year old bristlecone pine from which the section will be cut was discovered by Edmund Schulman, dendrochronologist of the University of Arizona Laboratory of Tree-Ring Research, who has announced his intention to present the section to the museum.