Apparatus for precise measurement of vapor pressures, photographed above and diagrammed at right, shows use of manometer, cathetometer, and G-2 Mueller Bridge at Bureau of Mines, Bartlesville, Okla. Manometer and sample container are immersed in the constant temperature bath. Before the compound to be studied is introduced into the container, the system is evacuated, using the Pirani gage to indicate pressure down to one micron and the ionization gage for lower pressures.

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SCIENCE, August 27, 1948, Vol. 108
The Climate of the Arctic as Viewed by the Explorer and the Meteorologist:
William Herbert Hobbs ........................................ 193

News and Notes .................................................. 201

Association Affairs
Centennial Celebration Notes .................................... 205

Technical Papers
The Dreywood Anthrone Reaction as Affected by Carbohydrate Structure:
Louis Sattler and F. W. Zerban .................................. 207

Inhibition of Hair Growth by the Percutaneous Application of Certain Adrenal Cortical Preparations:
Wayne L. Whitaker and Burton L. Baker ......................... 207

Effect of 2,4-Dichlorophenoxyacetic Acid on Root Development in Bean Cotyledons:
Ernest K. Akamine .................................................. 209

Ascorbic Acid Therapy of Pteroylglutamic Acid-deficient Rats:
B. Connor Johnson and Ann S. Dana ............................. 210

The Reducing Properties of Serum From Subjects With Malignant Disease:
William C. Stadie .................................................. 211

In the Laboratory
Studies on an Artificial Kidney: I. Preliminary Results With a New Type of Continuous Dialyzer:
Leonard T. Skeggs, Jr., and Jack R. Leonards ................. 212

Sensitivity of the Ninyhydrin Reaction in Paper Partition Chromatography:
John J. Pratt, Jr., and Jacques L. Auclair ...................... 213

A Simple Method of Measuring the Surface Area of Small Objects of Irregular Shape:
Irving Zeidman ...................................................... 214

Book Reviews
Essentials of pharmacology:
Reviewed by Paul K. Smith ....................................... 216

Frequency modulation. (Vol. 1.):
Alfred N. Goldsmith, et al. (Eds.)
Reviewed by F. V. Hunt ............................................. 216
1. Introduction and Guide to Histology
By Avery E. Lambert, Ph.D., and Helen L. Dawson,
Ph.D., School of Medicine, State University of Iowa.

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Students of the Medical Sciences
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nation of scientific data through its publications. The Society owns, edits, and publishes 5 journals—Journal of the American Chemical Society, Chemical Abstracts, Industrial and Engineering Chemistry, Analytical Chemistry, and Chemical and Engineering News, the last three mentioned having branch editorial offices in Chicago, Houston, New York, and San Francisco. Prior to each national meeting, through its ACS News Service, the Society prepares a book of abstracts of all papers to be presented at that meeting. The Society also has editorial responsibility for the Monographs of the ACS, published by the Reinhold Publishing Corporation and edited by W. A. Hamor, Mellon Institute, Pittsburgh, Pennsylvania. One hundred and six of these monographs have been issued, as well as various revised editions, and many more are in preparation.

The Journal of Physical and Colloid Chemistry is published 9 times a year under the auspices of the American Chemical Society and the Faraday Society. Chemical Reviews, issued bimonthly, is owned and edited by the Society and published by the Williams and Wilkins Company. The Journal of Chemical Education is the official organ of the Society's Divisions of Chemical Education and the History of Chemistry. The quarterly journal, Rubber Chemistry and Technology, is owned, edited, and published by the Society's Division of Rubber Chemistry. Many of its local sections sponsor publications.

The American Chemical Society administers 9 awards in recognition of outstanding services to chemistry. The Society itself finances and awards the Priestley Medal, the greatest honor that can be bestowed in American chemistry. The local sections administer 9 awards.

The News Service, of which Walter J. Murphy is director, serves as a clearing house of chemical information for the press, science writers, columnists, and radio commentators. It gathers material from individuals, local sections, divisions, and Society officers, rewrites it for use by newspapers, press associations, syndicates, radio broadcasting companies, and technical publications, and disseminates it both here and abroad.

About 18 months ago the News Service extended its activities by the establishment of a radio department which inaugurated weekly broadcasts—now a permanent feature—on chemical science and technology, known as Headlines in Chemistry. This service has greatly extended itself through the local sections, which it assists in planning and preparing radio programs throughout the country.

The Society has a diversified meeting program, foremost on it being two national meetings annually. These afford an unparalleled opportunity for chemists and chemical engineers to get together from all over the country and foreign countries as well, exchange views, broaden friendships, and acquire information over a wide field of chemistry. At these meetings scientific papers amounting to many hundreds are presented in one week. Group meals, committee and special group meetings, "lobby sessions," all afford excellent opportunity for people with similar interests to get together. Some of the divisions hold annual meetings or biennial symposia between national meetings, and often regional meetings are held in various sections of the country. The latter are small national meetings in general plan and provide an opportunity to get together for people who for some reason cannot attend the national meetings. Each has its own special advantages.

The Society, since the spring meeting in 1937, has operated an Employment Clearing House at each national meeting. This service is open to chemists registered and in attendance at the meeting and, at the request of employers, arranges interviews between them and candidates for employment. In 1947 the Clearing House served 1,650 employers' representatives and 1,450 candidates for employment. In order that the service may operate on a continuous basis, regional employment clearing houses are also operated in Atlanta, Boston, Chicago, Houston, New York, San Francisco, and Washington, D. C. Each issue of Chemical and Engineering News also contains employment information pages where situations open and situations wanted are listed.

In 1945 the Society created an ACS Education Fund for awarding predoctoral fellowships in 1946. It also appropriated $110,000 for postdoctoral fellowships in chemistry and chemical engineering, and in September 1946 appropriated $25,000 for expenses in the United States of foreign chemists and chemical engineers wishing to engage in advanced study.

Its advice is frequently sought in national affairs, particularly on pending legislation such as Selective Service, the National Science Foundation bills, etc.

The American Chemical Society, since its establishment more than 72 years ago, has sought to promote the advancement of chemistry, chemical research, and chemical engineering in an ever-widening sphere.

The American Chemical Society is another of the many organizations which are serving as hosts during the AAAS Centennial Celebration. The ACS building, shown on this week's cover, is located one block from the AAAS headquarters.