

flask. Wash the precipitate, filter, etc., until the washings are neutral to litmus paper, cool the solution and add sulphuric acid to distinct acid reaction, taking care to avoid loss from effervescence. To the acid liquid add a solution of 2 Gm. of potassium iodide, free from iodate, and titrate the liberated iodine with tenth-normal sodium thiosulphate solution. The volume of tenth-normal sodium thiosulphate used should indicate not less than 28.5 per cent iodine, nor more than 28.9 per cent iodine.

**BACILLUS ACIDOPHILUS CULTURE-HOLLISTER-STIER.**—A pure culture of *B. acidophilus* in bottles, each containing 200 cc. It contains not less than 150 million viable organisms (*B. acidophilus*) per cubic centimeter at the time of issue.

*Actions and Uses.*—See Lactic Acid-Producing Organisms and Preparations (New and Nonofficial Remedies, 1929, p. 220).

*Dosage.*—From 15 to 30 cc. in milk or water to which has been added a suitable quantity of lactose, three times daily. Each bottle bears an expiration date.

Manufactured by the Hollister-Stier Laboratories, Spokane, Wash. No U. S. patent or trademark.—*Jour. A. M. A.*, October 26, 1929.

#### ASSOCIATION PROGRESS.

The unwisdom of selfish exclusiveness is becoming more and more apparent to pharmacists. They are realizing more and more that their success is in the promotion of pharmacy; they have come to see that their interests are identical with those of others engaged in the drug business, of which pharmacy is the foundation. They are becoming aware that they are affected by general influences bearing upon pharmacy and that their problems can be solved only through coöperative effort. It is through a realization of and putting into practice the underlying principles of organization they can hope for success; helpfulness is the ideal of both professional and trade organizations.

#### CHAIN STORE STUDY.

In the chain store inquiry the investigation of the comparative selling prices of chains and independent dealers has recently been begun in an agricultural region. Des Moines, Iowa, has been selected as the center of the next study. The program for Des Moines also contemplates a study of the comparative prices of chain and independent stores in a number of smaller towns within the Des Moines wholesale area.

A preliminary survey of Des Moines was begun by a field force and this crew will divide the city into districts for pricing, make the

necessary contacts with wholesalers and chain stores, ascertain the items handled by both chain and independent grocery, drug and tobacco retailers, prepare lists of items bought direct and through wholesalers and take the other necessary steps preparatory to the actual pricing work. As soon as this preliminary study has been completed the staff will be increased to the size necessary to carry on this work.

#### THE CANADIAN PHARMACEUTICAL ASSOCIATION.

The Canadian Pharmaceutical Association will meet in Nova Scotia this year, beginning August 2nd, at which time a tablet will be unveiled in memory of Louis Hebert, the pioneer apothecary of this continent. Trips will be made to the land of "Evangeline" and an interesting program is being provided. We are indebted to Secretary Dr. R. B. J. Stanbury for a photograph of the Sir William S. Glyn-Jones Memorial Tablet, recently unveiled in London.

#### PERSONAL AND NEWS ITEMS.



DR. WILLIAM H. WELCH.

In the *New York Times Magazine*, of April 6th, there is a picture of Dr. William H. Welch, drawn from life by S. J. Woolf. It is the picture of a man who matriculated in a medical school about sixty years ago. As teacher, his career began as instructor in Bellevue Medical College; since then his name has been foremost in the founding of Johns Hopkins

Medical School of which he is a former dean; he held the professorship of pathology, directorship of its School of Hygiene and Public Health and now is professor of the History of Medicine. He was brought into close relationship with Lister and Pasteur and studied under Koch. All of his outstanding work includes his services to Nation, state and city; he directed the thoughts of those with means to opportunities; served as president of the Maryland State Board of Health, on committees; interested himself in art and science, and thus might be told pages of his activities.

On April 8th, the 80th birthday of Dr. William H. Welch was celebrated; the President of the United States delivered the principal address which was broadcast and the world's men of science as well as Dr. Welch's friends and neighbors spoke of him and his activities. The central ceremonies took place in Memorial Continental Hall in Washington, and in the world's larger cities the life of Dr. Welch was the subject of addresses by medical men. He has an interest in everything that contributes to public health and welfare and it is literally true that millions have profited from his contributions; pharmacists honor him because of his vision, because of his service and accomplishments.

James C. Munch addressed the Baltimore Branch of the American Chemical Society at a meeting, held at the Johns Hopkins University, on "In Matters of Life and Death." He discussed poisons from various standpoints, including their detection by chemical and physiological means.

Heber W. Youngken gave an illustrated lecture, March 7th, at the Rhode Island College of Pharmacy on "The Drugs of the American Aborigines."

W. A. Puckner has been secretary of the Council on Pharmacy and Chemistry for twenty-five years, and celebrated the silver anniversary with that of the institution of the Council.

Dr. Frederick J. Cullen, medical officer in the U. S. Department of Agriculture, has been selected to head the drug control work of the department's food, drug and insecticide administration. This appointment fills the vacancy caused by the resignation of Dr. James J. Durrett to become state health officer of Alabama.

Dr. Jules Bebie, member of the A. PH. A., has retired from active duties as research director for the Monsanto Chemical Works, follow-

ing a service of twenty-five years with the company. Dr. L. P. Kyrides has been appointed as his successor.

Dr. Thomas Parran, Jr., assistant surgeon general in the U. S. Public Health Service, has been appointed New York state commissioner of health.

Dr. Edward Kremers has been voted the Remington Honor Medal for 1930. It will be formally presented at the Baltimore meeting of the AMERICAN PHARMACEUTICAL ASSOCIATION.

Clyde Eddy, pharmacist-explorer, member of the A. PH. A., was the guest of honor at the March 14th meeting of the National Geographic Society in Washington, D. C., and presented a lecture, "Down the Dangerous Colorado," to 4000 members of the Society gathered to hear him in the Washington Auditorium. His book "Down the World's Most Dangerous River," reviewed in the JOURNAL several months ago, is ranked as a classic among books on exploration.

The Committee on Pharmaceutical Economics, New York State Pharmaceutical Association, Leon Monell, Chairman, has issued a questionnaire, the purpose of which is to make a prescription survey and divisions of the drug store. The value of the work will be enhanced by the responses received. A report is to be made at the New York meeting and those who have not received the questionnaire can obtain copies from Professor Monell, Buffalo College of Pharmacy.

The drug trade is indebted to the Druggists' Research Bureau for its work, reported in its periodical bulletins. Its investigations have pointed out many faulty business methods and means for correcting them. Those who have studied the reports have profited by them. Recently bulletins 1-13 have been issued in bound volume; it is indexed and offers a convenient reference for the study of problems which confront the retailers in buying and selling. Bulletins may be obtained by addressing the Druggists' Research Bureau, 51 Maiden Lane, New York.

James F. Finneran, one of the best known pharmacists of the country, has joined the staff of McKesson & Robbins, Inc. He is a former president of the National Association of Retail Druggists and of the Massachusetts State Pharmaceutical Association. He has been a member of the AMERICAN PHARMACEUTICAL ASSOCIATION for many years and at the time was president of the New England Branch of the A. PH. A.

Frank E. Holliday, for many years an official of the National Wholesale Druggists' Association, was elected honorary member of the New York Drug and Chemical Club at its annual meeting.

Dr. Henry Leffmann, professor of chemistry in the Wagner Free Institute and in the Woman's Medical College of Pennsylvania, has been elected an honorary member of the Franklin Institute of the State of Pennsylvania.

Secretary E. F. Kelly attended a meeting of pharmacists in Buffalo, where the possibilities of a Western New York Branch of the A. P. H. A. were discussed; steps looking forward to such an organization were taken. The meeting proved to be interesting and profitable.

R. L. Swain attended the meeting of the Boards and Colleges at Jacksonville, District No. 7, April 7th and 8th. He addressed the members on enforcement of laws relating to pharmacy and the possibilities of the Conference of Pharmaceutical Law Enforcement Officials.

Robert J. Ruth addressed the regional session of Maryland Pharmaceutical Association at Salisbury, April 14th. Dr. Edwin Bird, of Wilmington, editor of the *Delaware State Medical Journal* spoke on "The Pharmacist as an Outpost of Legislation." The meeting was attended by about 75 members and proved the value of regional state association sessions.

Dr. K. K. Chen spoke before the Northern Ohio Branch A. P. H. A. on "Recent Studies of Ephedra and Ephedrine."

The *D. R. D. A. and M. S. P. A. Journal* stresses the importance of pharmacists taking a more active interest in State Association meetings.

The *Southeastern Drug Journal* is enthusiastic over the prospects of the State Association meeting in Georgia, to be held at Macon, April 23rd and 24th. Walter D. Jones, of Savannah, is the *President* of the Association and the *Journal* carries a picture of the *First Vice-President*, Thomas C. Marshall, of Atlanta, as frontispiece.

The April number devotes a number of columns to the meeting of the A. P. H. A. in Baltimore.

*The Badger Pharmacist*, published by the Wisconsin Pharmaceutical Association, in the interest of its Jubilee meeting to be held in Madison, July 15th to 18th, contains interesting historical information. The April number gives an account of the Historical

Drug Store installed as a unit in the Museum of the Wisconsin Historical Society, in 1913. It represents an early store building; its furnishings are representative of the period of about 1850, and have come from quite a number of Wisconsin drug stores. In front of the store is an iron hitching post—a colored boy clad in red trousers, supported by one suspender strap, and a blue decolleté shirt—which at one time did service in front of the drug store of Dunning & Sumner. The bottles, all other shelf ware, apparatus, etc., have historical interest, and the arrangement has a large part in telling the story of the early drug store and of pharmacy.

The New York State Pharmaceutical Association acting through its committee on Fair Trade, Samuel S. Dworkin, is making a study of the distribution of biologic products by others than retail pharmacists.

Secretary Walter D. Adams, after several years of search has succeeded in completing the records of presidents and secretaries of Texas Pharmaceutical Association. This work was extremely difficult because the proceedings had not always been printed by the Association, resulting in lack of uniformity in publication and distribution and preservation of copies.

Secretary Arthur G. Hulett will become a citizen of California by the end of this month. His removal means a loss to Arizona pharmacists, for he has been active in directing pharmaceutical affairs of the Association and Board of Pharmacy. He prompted the organization of the former and was secretary of the latter for about 26 years.

#### UNIVERSITY OF MARYLAND SCHOOL OF PHARMACY DEDICATION.

The new building recently erected by the state for the School of Pharmacy of the University of Maryland will be dedicated on Saturday afternoon, May 10th, and all who attend the meeting of the AMERICAN PHARMACEUTICAL ASSOCIATION are invited to be present at these exercises and thereafter inspect the building and its equipment and be guests at the banquet (following the afternoon ceremonies) given by the Alumni Association of the school, formerly the Maryland College of Pharmacy.

The dedication exercises will be held in Westminster Church, called the Church of the University. In the churchyard quite a number of persons known to fame are buried, among them Edgar Allan Poe.

### NEW YORK DRUG AND CHEMICAL SECTION PLANS FOR LARGER ACTIVITIES.

At the meeting of the Drug and Chemical Section of the New York Board of Trade, on April 2nd, a motion was submitted to the Executive Committee which has as its purpose a larger field of activities. In submitting the

resolution J. L. Hopkins emphasized that the Section was the representative of the combined drug, chemical and allied trades, and he proposed a change to the name "Drug Chemical and Allied Trades Association." He also proposed an increase in the membership and to have it open to those outside of New York City.

## OBITUARY.

### HERBERT C. EASTERDAY.

Herbert C. Easterday, member of the AMERICAN PHARMACEUTICAL ASSOCIATION, for many years a pharmacist of Washington, D. C., and a former president of the National College of Pharmacy, now a part of George Washington University, died at his home, 3214 Macomb Street, on March 11th. He was 67 years old. He was also a member and former treasurer of the District of Columbia Retail Druggists' Association and a director of the Washington Wholesale Druggists' Exchange.

*The Maryland Pharmacist*, in writing of the deceased, said:

"Few people are gifted with the elements of friendship and affection as was this man. To his friends he was all that a friend should be and more. He was gracious, considerate and true in his relationships; he was understanding and kindness itself. His deep and loyal personality and his splendid character will long be remembered. His life was an inspiration not only to those who have come to the lengthening shadows of evening, but to those who stand at the gateway of accomplishment. The passing of Herbert C. Easterday leaves a void in the hearts of many who knew him as he really was."

Mr. Easterday is survived by his widow, Mrs. Lora Simpson Easterday, a sister and brother.

### HARRY B. MASON.

Harry Beckwith Mason, long connected with Parke, Davis & Co., and for many years editor of the *Bulletin of Pharmacy*, died March 8th. He had been ill for a number of months.

Mr. Mason was born in North Granville, N. Y., and was a pharmacist in his early years. He was an alumnus of the Albany College of Pharmacy, and had received an honorary degree of "master in pharmacy" from the Philadelphia College of Pharmacy and Science

in recognition of his pharmacal writings. In his connection with Parke, Davis & Co., he served successively as director of publications, director of promotion, secretary and member of the board of directors. He retired in January 1929, to devote himself to private interests.

Mr. Mason became a member of the AMERICAN PHARMACEUTICAL ASSOCIATION in 1896. Brief mention was made in the March JOURNAL, and a sketch appears in the January issue for 1929. He is survived by his widow, Luella Bonton Mason, and two daughters, Adelaide and Marjorie.

### MARTIN H. SMITH.

Martin H. Smith, manufacturing chemist and president of the company bearing his name, died April 8th at Annapolis after a brief illness of pneumonia, aged 62 years. He was born in Annapolis and educated at St. John's College. On his graduation he came to New York City, where he established a retail drug business; in 1909 he branched out into the manufacture of proprietary specialties.

The deceased is survived by his wife, by two daughters, the Misses Dorothy and Muriel Smith, and by a sister, Mrs. Augusta Lloyd, of Annapolis. Mr. Smith was a member of the AMERICAN PHARMACEUTICAL ASSOCIATION.

Dr. Tokichiro Niwa, Professor Emeritus, Imperial University of Tokyo, and vice-president of the Japan Pharmacists Union, died at his home in Tokyo, March 12th, aged seventy-five years. He was a member of the Japanese Pharmacopoeial Commission and Councilor of the Tokyo Health Department.

Professor Niwa graduated in pharmacy at the University of Tokyo and after studies in pharmacy at European universities he returned to his *Alma Mater* as a member of the faculty.