

PROCEEDINGS OF THE LOCAL BRANCHES

"All papers presented to the Association and Branches shall become the property of the Association with the understanding that they are not to be published in any other publication prior to their publication in those of the Association, except with the consent of the Council."

—Part of Chapter VI, Article VI of the By-Laws.

ARTICLE III of Chapter VII reads: "The objects and aims of local branches of this Association shall be the same as set forth in ARTICLE I of the Constitution of this body, and the acts of local branches shall in no way commit or bind this Association, and can only serve as recommendations to it. And no local branch shall enact any article of Constitution or By-Law to conflict with the Constitution or By-Laws of this Association."

ARTICLE IV of Chapter VII reads: "Each local branch having not less than 50 dues-paid members of the Association, holding not less than six meetings annually with an attendance of not less than 9 members at each meeting, and the proceedings of which shall have been submitted to the JOURNAL for publication, may elect one representative to the House of Delegates."

Reports of the meetings of the Local Branches shall be mailed to the Editor on the day following the meeting, if possible. Minutes should be typewritten, with wide spaces between the lines. Care should be taken to give proper names correctly and manuscript should be signed by the reporter.

BALTIMORE.

The January meeting of the Baltimore Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held at the Emerson Hotel on Friday, January 31, 1930, President Frank L. Black presiding.

Herman Mendelson, violinist, and Salvatore Molinari, pianist, entertained with musical numbers, including a composition by Mr. Molinari dedicated to the Kappi Psi fraternity.

R. E. L. Williamson was the speaker, and had as his subject—"The Independent Retail Druggist." Mr. Williamson enumerated statistics showing the number of independent retail druggists in Maryland, also in the United States, the amount of money invested in the retail drug business, and the service the independent druggist is rendering to the general public. He compared the opportunities of the independent druggist to give personal, painstaking service, with the lack of such opportunities in the service of the incorporated, soulless, chain stores. He, however, urged the independent retail druggists to adopt up-to-date advertising and display methods. He also pointed out some of the benefits that the independent druggist may derive through the better selection of goods, rapid turnover of stock and the elimination of slow-selling or unsalable stock. He further stated that the general public is interested in odd prices, as well as in bargain or cut prices, and suggested that the wide-awake independent druggist note this tendency and adopt odd prices for certain articles.

Mr. Williamson enumerated the different studies and investigations that are being conducted by the Federal Government and by different pharmaceutical groups in the interest of independent druggists. He also mentioned some of the laws that have been proposed and urged for passage that are of interest to the independent druggist. In conclusion he referred to the bright outlook for independent pharmacists.

President Black announced George Frederick Schmidt, Jr., as the recipient of the second annual award by the Baltimore Branch of one year's membership in the AMERICAN PHARMACEUTICAL ASSOCIATION, to a student of the School of Pharmacy of the University of Maryland.

The report of the Treasurer showed the Baltimore Branch to be in a healthy, progressive position. Reports were received from the chairmen of the different standing committees, including a comprehensive report from Dr. Glenn L. Jenkins, chairman of the Committee on Science and Practice of Pharmacy, and a very interesting report from Dr. A. G. DuMez, chairman of the Committee on Education and Legislation.

The Committee on Nominations suggested the reelection of the present officers, and the following were therefore, declared elected for the year 1930:

President, Frank L. Black, 2839 W. North Ave., Baltimore Md.; *Vice-President*, Aquilla Jackson; *Secretary-Treasurer*, B. Olive Cole, Green & Lombard Sts., Baltimore, Md.

Committee on Membership: *Chairman*, Lawrence L. Miller; *Mrs. Anna C. Norton*; Aquilla Jackson. **Committee on Professional Relations:** *Chairman*, E. G. Eberle; Lloyd N. Richardson; L. M. Kantner. **Committee on the Science and Practice of Pharmacy:** *Chairman*, Glenn L. Jenkins; Wm. J. Lowry, Jr.; John C. Krantz, Jr. **Committee on Education and Legislation:** *Chairman*, Dr. A. G. DuMez; R. L. Swain; P. I. Heuissler.

B. OLIVE COLE, *Secretary-Treasurer*.

CHICAGO.

The 187th meeting of the Chicago Branch of the A. P. H. A. was held Tuesday evening, January 21st, at the Illinois School of Pharmacy. The meeting was presided over by President Lindahl. The report of the Secretary-Treasurer was presented, as follows:

The Chicago Branch of the A. P. H. A. held eight meetings during the past year, the 179th-186th inclusive. The programs have been diversified and very profitable. The attendance has been good but there is need of stimulating greater interest and increasing our membership. During the year 1929 twenty-two new members have been added while twenty-nine members resigned or moved away, leaving a total membership of 412.

FINANCIAL STATEMENT.

Balance, January 1, 1929	\$219.67
Contributions	178.00
Commissions (New members)	22.00
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Printing and Typing	\$117.90
Postage	19.75
Dinners	4.00
Speakers	45.00
Phone and Telegrams	1.75
Refreshments	25.70
Cash on hand, January 1, 1930	205.48

Respectfully submitted,

S. W. MORRISON, *Sec.-Treas.*

Dean Day expressed the regret of President Christensen of his inability to be present at the meeting. Three members of the revision committee of the N. F., Dr. Fantus, Mr. Becker and Prof. Gathercoal, were present and Chairman Gathercoal, of the revision committee, spoke a few words in behalf of the committee.

Mr. Gray presented the following report of the Committee on Nominations. The nominees were duly elected by an unanimous ballot:

President, J. A. Hynes; *First Vice-President*, R. E. Terry; *Second Vice-President*, G. L. Webster; *Third Vice-President*, R. A. G. Linke; *Delegate to the House of Delegates*, E. N. Gathercoal; *Secretary-Treasurer*, L. E. Martin. *Committee Chairman: Membership*, C. P. Van Schaack; *Legislation*, J. Riemen-schneider; *Practice*, I. A. Becker; *Medical Relations*, Dr. Bernard Fantus; *Publicity*, Samuel C. Henry.

Dean Day moved that a rising vote of thanks be given to the retiring officers.

President-elect Hynes introduced the speaker of the evening, Dr. C. E. Bills, of Mead, Johnson & Co., who spoke on "Irradiated Ergosterol."

The production of artificial vitamin D was first made by Dr. Thompson in 1854, who exposed cocoanut oil to the sun's rays and found the oil to be beneficial in tuberculosis. Dr. Steenbock, over ten years ago, studied the effect of sunlight on the growth of goats. In Europe, over twenty years ago, cod liver oil was used on patients with rickets and the ultraviolet rays were tried on the patients then with beneficial results.

In 1924 Dr. A. Hess found that oils exposed to ultraviolet light had increased antirachitic properties. Steenbock, at the same time exposed various foods to ultraviolet light. Cholesterol had antirachitic properties after such treatment. The lipid fraction absorbed the ultraviolet rays.

In 1925 Dr. Hess found that cholesterol, after irradiation, gave a different picture with a spectroscope, the absorption bands had shifted to a different position. Ergosterol is present in cholesterol about 1/10%. In 1926 Rosenblum found irradiated ergosterol to be highly potent in vitamin D.

Ergosterol was first obtained from the fat of ergot at a cost of \$200 per Gm., but at present is obtained from yeast at about 50 cents a Gm. One gram of activated ergosterol is equal to about one ton of cod liver oil in vitamin D content. The variety of yeast, amount of air and culture media, all influence the yield of ergosterol from yeast. Ergosterol is found mainly in fungi, and also found in most bacteria. Yeast is extracted with acetone or some suitable solvent, the fat saponified and ergosterol separated by fractional crystallization. Too lengthy irradiation of ergosterol produces decomposition and toxic substances, a mercury quartz lamp being used to give the ultraviolet light. Ergosterol dis-

solved in ether and then irradiated gives higher potency in vitamin D than with other solvents. Vitamin D was recently reported obtained in the pure state, $\frac{1}{100,000}$ mg. per day being sufficient to kill rabbits. The changes on activation are little known but the absorption bands are studied and it is found that isoergosterol, a decomposition product and ergosterol, mixed, give the same spectra picture as activated ergosterol.

Vitamin D may be another form of isoergosterol (a change in molecular arrangement) or it may be a ketone. The fact that activation may occur at temperature of liquid air is evidence of electronic change in ergosterol.

The first products received from Europe were not standardized and varied greatly in strength. In 1927, in the United States, the activated ergosterol was standardized to be 100 times and 5 times the strength of cod liver oil in vitamin D. Irradiated ergosterol when properly standardized is not toxic as commonly believed. The toxic dose is about 1000 times the therapeutic dose, when given every day on rats and the same relation seems to hold for humans. The solution of activated ergosterol keeps indefinitely if kept stoppered and free from rancidity. The blood platelet count is increased but there is no apparent increase in red blood corpuscles on administration of viosterol.

A general discussion followed the lecture and numerous questions were asked regarding viosterol. Dr. Fantus inquired regarding a method of standardization by immission of ultraviolet rays instead of the biologic assay and mentioned the advisability of adopting a suitable name for the next Pharmacopoeia.

A rising vote of thanks was given Dr. Bills for his very interesting talk and the meeting adjourned.

S. W. MORRISON, *Secretary*.

DETROIT.

The December meeting of the Detroit Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held December 12th. The meeting was preceded by a dinner and was called to order by James Lidell, *Second Vice-President*. The minutes of the November meeting were read by the Secretary and approved. Chairman Burniac of the Membership Committee announced five new members, bringing his total for three months up to twenty-three.

Mr. Lidell presented Leonard A. Seltzer, the speaker of the evening. He gave a most interesting talk on the future of Pharmacy. He said that while the subject is an old one the usual way of treating it is not the right one. He said too many pharmacists expect a quick way out of difficulties by legislation. He said the physician accepts too much responsibility when he diagnoses, prescribes, compounds, dispenses and if necessary signs his own death certificate; this practice weakens his prestige and professional dignity and finally his bank account. His patients are limited to medicines on hand, rather than the products of the pharmacy. The doctor, in justice to his patient, should give him the benefit of the knowledge of the pharmacist.

Mr. Webster said that Mr. Seltzer's talk opened a larger field for discussion, a program just begun by the N. A. R. D. and D. R. D. A., in an organized effort to bring back pharmacy to the drug store through U. S. P. and N. F. propaganda.

Mr. Burniac said the physician and dentist are recognizing the pharmacists who bring medicines to the front of the store. He advised the removal of the "Cut Rate" sign and display of three feature items pertaining to pharmacy each month; thereby the pharmacist can promote pharmacy.

Dr. Dikeman said the speakers had suggested good propaganda, diplomatically presented.

Mr. Webster remarked that the younger men of to-day will be leaders of to-morrow and must carry on the work started by the present generation.

W. L. Parker and James Lidell assured the members that the younger generation can be depended upon to sponsor the professional side of pharmacy.

Mr. Seltzer was given a rising vote of thanks.

BERNARD A. BIALK, *Secretary*.

NEW YORK.

The regular monthly meeting of the New York Branch, A. P. H. A., was held at the College of Pharmacy, Columbia University, on January 13th. President Hugo H. Schaefer was in the chair.

The report of the Committee on Student Branches, Dr. Robert P. Fischelis, *Chairman*, was read in detail. The recommendations in the report were:

(1) "That Local Branches of the AMERICAN PHARMACEUTICAL ASSOCIATION, in cities where there are Colleges of Pharmacy, endeavor to

bring the work of the AMERICAN PHARMACEUTICAL ASSOCIATION to the attention of students in these colleges by inviting them to the Local Branch Meetings and occasionally holding meetings in the various colleges."

(2) "That prominent members of the Local Branch be made available as speakers to College Science Clubs or Fraternities."

(3) "That the Editor of the JOURNAL and the Publication Committee be requested to work out some kind of a club subscription rate whereby groups of ten or more students could subscribe for the JOURNAL at an annual rate of about Two Dollars each."

It was voted that the Committee's three recommendations be approved, and that they be sent to the Editor of the JOURNAL with the hope that he would pay special attention to Recommendation Number 3.

The following officers were elected by the Branch for the ensuing year.

President, Robert R. Gerstner; *Vice-President*, Robert P. Fischelis; *Secretary*, Herbert C. Kassner; *Treasurer*, Turner F. Currens; *Secretary of Remington Medal Committee*, Hugo H. Schaefer; *Delegate to House of Delegates*, Hugo H. Schaefer; *Chairmen of Committees: Education and Legislation*, Robert S. Lehman; *Fraternal Relations*, Jacob Diner; *Membership*, John L. Dandreaux; *Progress of Pharmacy*, Reginald Dyer; *Audit*, Joseph L. Mayer.

Chairman Dyer of the Committee on the Progress of Pharmacy, read the names of some recent Newer Remedies that had come to his attention, and gave interesting abstracts on the following subjects, Digitalis, The Keeping Properties of Coca Products, Chemical Tests for Drunkenness and The Vitamin Content of Tomatoes Ripened Artificially with Ethylene.

Dr. Higgins, of the Lederle Antitoxin Laboratories, was introduced as the speaker of the evening.

The Branch listened with attentive interest to Dr. Higgins' development of his topic—"The Retailing of Biological Products." In addition to discussing the marketing of biological products in its many ramifications, he also talked about interesting and unusual facts concerning Diptheria, Toxin-Antitoxin Treatment, Antipneumococcic Serum, Puerperal Septicemia, The New Canine Distemper Serum of the British Medical Council, Convalescent Serum for Measles, Hog Cholera and Sleeping Sickness.

An interesting discussion of the paper fol-

lowed during which such topics as Allergic Preparations, Asthma, Hay Fever, Protein Idiosyncrasy and the timely topic of Parrot Fever were considered.

After a rising vote of thanks was given to Dr. Higgins, the meeting adjourned.

HERBERT C. KASSNER, *Secretary*.

PHILADELPHIA.

The regular monthly meeting of the Philadelphia Branch, AMERICAN PHARMACEUTICAL ASSOCIATION was held in the P. A. R. D. Building, 2017 Spring Garden Street, Tuesday evening, January 14th, with President Hoch in the chair.

The minutes of the December meeting, presented by the Secretary, were accepted. The membership application of Harry T. Haefelin, 1420 Rush St., Philadelphia, was accepted and forwarded to the parent organization for approval. The Secretary announced that the February meeting would be of unusual interest and would be devoted entirely to the discussion of problems relative to the U. S. P. Revision. Professor E. Fullerton Cook, Chairman of the Revision Committee, will act as Chairman for the February meeting; he advised that the members should bring their suggestions and recommendations for the new Pharmacopœia in order that they may be discussed.

The feature of the meeting was the "Prescription Clinic," an annual affair of the association. Chairman Charles T. Pickett, of the Committee on Practical Pharmacy acted as chief clinician. He had a very excellent collection of prescriptions which had been selected from various drug stores in Philadelphia. The prescriptions were copied on a large chart and each was discussed very carefully as many of them involved unusual methods of compounding. The meeting proved to be one of the most interesting of its kind ever held by the association.

There was a large attendance and great general enthusiasm was displayed by the members. Following the meeting the members were served a fine luncheon in the dining room of the P. A. R. D. Building.

FRANK H. EBY, *Secretary*.

PITTSBURGH.

A meeting of the Pittsburgh Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held January 21, 1930, at the School of Pharmacy, of the University of Pittsburgh. Presi-

dent John G. Rees called the meeting to order.

Chairman Edward C. Reif of the Committee on Nominations reported the following names: For *President*, John G. Rees; *Vice-President*, Stephen Wilson; *Secretary*, Frank S. McGinnis; *Treasurer*, George B. Saylor; *Delegate to House of Delegates*, C. Leonard O'Connell.

Since there were no further nominations the aforementioned persons were duly elected and installed as officers of the Pittsburgh Branch, A. Ph. A.

President John G. Rees has been singularly honored in the fact that he will have served as President of the Branch for three consecutive years.

Dr. Louis Emanuel, who for many years has represented the Pittsburgh Branch in the House of Delegates, asked to be relieved of this duty. He has faithfully and diligently served as voting delegate, and contributed greatly to the advancement of all concerned. The office vacated by Dr. Emanuel has been accepted by Dr. C. Leonard O'Connell.

This meeting was marked by the usual attendance and interest.

The speaker, Dr. A. F. Judd, professor of *Materia Medica* of the School of Pharmacy, presented a non-technical paper on Vitamines. The various classifications, old and new, were considered.

An informal discussion followed the main presentation. Points of interest were brought out in connection with the much discussed "Vitamines."

President Rees in his announcements stated that the February meeting of the Pittsburgh Branch will be in charge of the Pharmacy Department of the Pittsburgh College of Pharmacy.

He announced the appointment of the Committee on Program as follows: Stephen Wilson, George B. Saylor, George Wilson, Lester V. Moore.

FRANK S. MCGINNIS, *Secretary*.

MINNESOTA PHARMACEUTICAL ASSOCIATION.

The annual meeting of Minnesota Pharmaceutical Association was held in Minneapolis February 12th-14th. The Scientific Section held a joint meeting with the Northwestern Branch, A. Ph. A.

Among the subjects discussed and papers presented during the joint meeting were "Sub-

scription Pricing," by G. Bachman; *Professional Ethics*," by H. O. Tiegen; "Biological versus Chemical Assays," by Marvin R. Thompson; "Business Ethics," by Paul J. Binek; "Professional Standards," by K. K. Kellar; "Drug Plant Culture," by A. B. Fischer; "Determination of Permissible Dyes in Candy," by C. H. Rogers and Alice Dechter.

E. L. Newcomb was on the program for a paper and former president of the A. Ph. A., D. F. Jones, delivered an address. Interesting reports were made by the several committees, among them those on "Education," and "Hospital Pharmacists."

Dean Wulling added largely to the program by the contribution of a number of reports and papers.

PHILADELPHIA DRUG EXCHANGE.

The sixty-ninth Annual Meeting of the Philadelphia Drug Exchange was held January 28, 1930, in its rooms in the Bourse Building. The Annual Report was presented on behalf of the Board of Directors and approved, and an election for officers and directors for the current year was held. The following were elected:

President, John F. Belsterling; *Vice-President*, Harrison S. Hires; *Secretary*, Joseph W. England; *Treasurer*, A. L. Hilles, Jr.; *Board of Directors*: J. Mervin Rosenberger, Benjamin S. Thorp, H. K. Hineline, Walter P. Miller, Herbert R. McIlvaine, F. L. Bodman, Walter V. Smith, Alexander C. Fergusson, Jr.

Addresses were made by Emil P. Albrecht, President of the Philadelphia Bourse, and Henry Paul Busch. Sympathy was expressed by the members on the illness of Ex-President C. Mahlon Kline, and the hope voiced that he would soon be well and strong.

Prof. Charles H. LaWall pleaded for financial encouragement in research in pharmacy schools in the following words of his report:

"As long as you are in business you will be dependent upon pharmacy. Why not help it now or provide or plan for financial help later? Thus, and thus only, will pharmaceutical research receive its due, for upon the results of pharmaceutical research many fortunes have been accumulated by those who have spurned the ladder by which they rose to affluence."

The annual banquet of the Drug Exchange was held in the Bellevue-Stratford Hotel, January 30th.