

## 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to the Association and Branches shall become the property of the Association with the understanding that they are not to be published in any other publication prior to their publication in those of the Association, except with the consent of the Council."—Part of Chapter VI, Article VI of the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.

### CHICAGO.

The 181st meeting of the Chicago Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held Tuesday evening, March 19th, at the University of Illinois School of Pharmacy.

The meeting was called to order by President Lindahl and the speaker of the evening, Dr. A. L. Tatum of the University of Wisconsin, was introduced. He gave an exceedingly interesting and instructive talk on "Drug Addiction and Its Physiological Basis."

Drug taking may result in the person becoming habituated to it but never becomes dependent on it. Addiction, on the other hand means that the person has severe suffering if without the drug and there is a physiological adaptation to the drug, in which the person is dependent on it.

It has been shown that a considerable tolerance to organic nitrates is developed, thus requiring more to produce the necessary effect. No tolerance is developed to inorganic nitrites.

In addiction the person requires less of the drug to produce the desired effect and becomes more sensitive to that drug. Opium and its derivatives produce addiction and also a tolerance.

Cathartics are habit forming, constipation being mainly due to bad dietetic and daily habits. Aspirin may create a habit with many, although it is merely masking the symptoms and not relieving the cause. Hypnotics such as the barbitals, chloral hydrate, etc., produce habits especially with nervous individuals, so that they think they need the drug in order to

sleep. Such individuals become more sensitive to barbital compounds, and after continued use death may even be the result.

Alcohol and tobacco are psychic habits with no physiological involvements, although alcoholism may be classified as addiction. Cannabis, a depressant drug, presents an increasing danger, being used in cigaret form. The person is harmless but becomes a ready tool of someone else.

Cocaine, which is used by natives of South America, acts as a powerful stimulant and is not a narcotic. It stimulates the brain, producing exhilaration and diminishes all sense of fatigue. The victim learns to like it, he increases the dosage but reaches a place when he is afraid of a large dose. An increased sensitivity to cocaine develops and the dangers are thus greatly increased. It is a psychic effect as the person can be taken from cocaine without any physiological changes. The memory of the exhilarating effect brings them back to the use of cocaine.

A morphine addict has a desire to destroy the drug and then takes a larger dose to obtain the sedative effect to forget the desire. There are three theories regarding the action of morphine, one is that morphine becomes a necessity to all functions. In morphine poisoning most animals die in convulsions. On dogs, morphine in small doses is depressant and in large doses is a stimulant like strychnine. No tolerance develops in most animals to the stimulating action of morphine but there is a tolerance to the depressing action of morphine. Because

of the increased sensitivity to the stimulating action of morphine, the same dose may eventually cause death. A person may likewise be killed by a small depressing dose. There are three stages in the use of morphine, induction, tolerance and intolerance; in the latter stage the usual dose will not produce the accustomed depressing action.

Morphine stimulates certain parts of the central nervous system and depresses other parts. Repeated stimulation increases the irritability of the nervous system. The increased irritability decreases the amount of depression possible. For instance a small dose relieves pain, the person learns to like the sensation; repeated doses result in decreased amount of depression, the person becomes more nervous and requires a larger dose to quiet and finally no amount of morphine will give the depressing action. With increased irritability it is easy to throw the addict into convulsions. He is sick for the reason of the excess irritability and the inability to reach the normal depressant level. A cross tolerance to other depressants may also occur, that is, other similar drugs will fail to have any effect.

A general discussion followed during which the statement was made that atropine was not dependable as an antidote for morphine. Idiosyncrasy is a condition which cannot be satisfactorily explained.

Dr. Fantus paid high tribute to the work of Dr. Tatum on drug addiction but expressed his opinion that alcohol should be considered as producing addiction rather than habituation.

A rising vote of thanks was extended Dr. Tatum and the meeting adjourned.

S. W. MORRISON, *Secretary*.

#### PHILADELPHIA.

The March meeting of the Philadelphia Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION was held Tuesday evening, March 12th, at the Philadelphia College of Pharmacy and Science. Preceding the meeting the annual dinner held in honor of the past-presidents of the Philadelphia Branch, was held in the College Building. About sixty members and guests were present.

President Adley B. Nichols opened the meeting with a few remarks on the significance of the annual dinner and meeting and expressed his appreciation to the past-presidents for their assistance and cooperation in making the Philadelphia Branch a successful organization.

Dr. William S. Wadsworth, Coroner's Physi-

cian, Philadelphia County, the speaker of the evening delivered an address on "Color." Dr. Wadsworth has devoted many years of his life to the study of this important subject. His personal experiences with outstanding scientists and the results of his many researches and investigations were related in the inimitable way so characteristic of him.

At the close of the address of the evening President Nichols called on the past-presidents then in the audience. The following responded, each giving interesting accounts of the activities and the work of the Branch during his term as President: Charles H. LaWall, Frank E. Stewart, W. L. Cliffe, Ambrose Hunsberger, W. W. McNeary, Ivor Griffith, B. C. Goodhart, J. W. England and J. W. E. Harrison. Past-presidents W. A. Pearson, E. F. Cook and Raymond Hendrickson who were present at the dinner were called away during the meeting.

The report of the committee on nominations was submitted and the election of officers resulted as follows:

*President*, Quintus Hoch.

*First Vice-President*, Louis Gershenfeld.

*Second Vice-President*, J. J. Kelly.

*Secretary-Treasurer*, Frank H. Eby.

*Delegate to the American Pharmaceutical Association*, Ambrose Hunsberger.

President Hoch took the chair and gave a brief address outlining the plans for the coming year. He expressed his appreciation to the members for having elected him to the office and promised a successful year.

A vote of thanks was extended to the retiring officers for their splendid work during the past year.

FRANK H. EBY, *Secretary*.

#### NORTHERN OHIO.

The constitution and by-laws of Northern Ohio Branch are printed in this section. Several meetings of the Branch were held prior to those of November 9th and 16th, convened at the School of Pharmacy of Western Reserve University, a dinner preceded that of November 23rd. Dr. J. E. Tuckerman, Chairman of the Policy Committee of the Academy of Medicine, addressed the meeting on December 14th, at Hotel Statler, on "Organization." The meeting of January 11th also, was held at Hotel Statler. A dinner at Fenway Hotel preceded the meeting on February 8th; the business session following was convened in the main lecture room of Biology Hall, of the University;

the speaker of the evening was Dr. Louis Klein; his subject being "Newer Aspects of Gland Therapy." Members of the Cleveland Academy of Medicine attended the meeting.

The officers of the Northern Ohio Branch A. Ph. A. are:

*President*, Edward Spease.

*Vice-President*, A. L. Flandermeyer.

*Secretary*, George Miller.

*Treasurer*, Paul Hudson.

*Council Members* for term ending December 31, 1929—Herbert Decker, Emil Petersilge; for term ending December 31, 1930—F. J. Bacon, F. J. Cermak, A. P. Gegenheimer, Alex Steiner; for term of 1931—H. E. Benfield, E. D. Davy, A. B. Ejbl, L. P. Miller; for term of 1932—A. L. Flandermeyer, George Miller, Paul Hudson, Edward Spease.

#### AMERICAN PHARMACEUTICAL ASSOCIATION BRANCHES.

Forms of Constitution and By-Laws of Local A. Ph. A. Branches have heretofore been printed in these columns; the following presents a form applicable for A. Ph. A. Branches, including student membership.

#### CONSTITUTION AND BY-LAWS OF THE NORTHERN OHIO BRANCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

##### PREAMBLE.

Recognizing the necessity for and the mutual benefits to be derived from a society devoted to professional and scientific pharmacy,

We, the undersigned, do agree to form such a society, and for its government do adopt the following Constitution and By-Laws:

##### ARTICLE I.—NAME AND OBJECTS.

*Section 1.* This society, a local branch of the AMERICAN PHARMACEUTICAL ASSOCIATION, shall be known as the Northern Ohio Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION.

*Section 2.* Its objects shall be as set forth in the preamble of this Constitution.

##### ARTICLE II.—MEMBERSHIP AND ELIGIBILITY.

*Section 1.* Any legally qualified reputable pharmacist or any other person interested in professional and scientific pharmacy, being a member in good standing in the AMERICAN PHARMACEUTICAL ASSOCIATION, shall be eligible for membership in the society.

*Section 2.* Each application for membership, except for Honorary membership, shall be signed by the applicant and endorsed by two voting members. Candidates for Honorary membership shall be proposed in writing by two voting members. Applications shall be submitted to the Council and notice thereof shall be given to all members of the society. At the next regular meeting of the Council votes shall be taken and a majority vote of the Council shall be required to elect an applicant to membership.

*Section 3.* The membership shall consist of six (6) classes as defined as follows:

(a) *Active Member:* A legally qualified reputable pharmacist resident in the district over which this branch is given jurisdiction by Chapter VII, Article 1, of the By-Laws of the AMERICAN PHARMACEUTICAL ASSOCIATION.

(b) *Junior Member:* A graduate in pharmacy who would otherwise be classed as active, but who has not in the opinion of Council, been in the practice of pharmacy for a period sufficient to establish himself; provided that in no case shall Junior membership be granted for a period longer than *three* years.

(c) *Privileged Member:* A graduate in pharmacy (1) who is not engaged in practice because of full-time research or teaching duties, or full-time public health work, or allied activities; or (2) who is not engaged in full-time practice because of disability or age.

(d) *Associate Member:* A physician, or a layman interested in sciences or professions allied to pharmacy, or a pharmacist, not a resident of this district, of good professional standing and a member of his local pharmaceutical association, if such an association exists.

(e) Honorary Member: A person whom the society deems worthy of special honor because of notable service to pharmacy.

(f) Student Member: Any student in pharmacy enrolled in and in good standing in his classes in a recognized school of pharmacy within this district. Student membership shall expire automatically upon graduation or in case of dismissal from college, when other membership may be granted at the discretion of Council.

*Section 4.* The Council shall have power to interpret Article II, Section 1, and the foregoing classification of members. It shall place members within the various classifications and may change members from one classification to another as conditions warrant.

*Section 5.* The resignation of members in good standing may be accepted and transfer to other local branches of the AMERICAN PHARMACEUTICAL ASSOCIATION may be granted by Council.

*Section 6.* Voting members may be transferred temporarily by Council to a non-active list because of disability. While so classified, they shall not pay dues.

*Section 7.* Council may at any meeting for causes set forth with specifications, consider the expulsion of a member and if it finds sufficient reason shall inform the accused that his resignation, if tendered, will be accepted. The accused shall be entitled upon demand to receive a copy of the charges against him. If the resignation shall not be tendered within one month after such notice is given, Council shall again consider the case and opportunity shall be given to the accused to be heard if he so desires. Council shall have authority to expel any member of the society for reasons which it deems sufficient, but the vote of two-thirds ( $\frac{2}{3}$ ) of all the members of Council shall be necessary therefor.

#### ARTICLE III.—PRIVILEGES OF MEMBERS.

All members shall be entitled to participate in the scientific deliberations of the society. The privilege of voting and holding office shall be restricted to Active, Privileged and Junior Members, these being referred to in this Constitution as Voting Members.

#### ARTICLE IV.—OFFICERS AND COUNCIL.

*Section 1.* The management and control of the society shall be vested in a Board of sixteen (16) Trustees, which is also referred to in this Constitution as Council, members of which are elected as hereinafter provided. The routine business of the society shall be conducted by Council. Council shall consist of the President, Vice-President, Secretary and Treasurer and twelve (12) other members. The term of office of Councillors shall be four (4) years, or until their successors are elected and qualified. Four (4) Councillors shall be elected each year except that at the first election four (4) Councillors shall be elected for the term ending December 31, 1929, four (4) for the term ending December 31, 1930, four (4) for the term ending December 31, 1931 and four (4) for the term ending December 31, 1932. Vacancies occurring on the Board may be filled until the next annual election by the remaining members.

*Section 2.* Council shall render a monthly report to the society. A majority of the members of Council shall constitute a quorum.

*Section 3.* The officers of the society shall be a President, Vice-President, Secretary and Treasurer, all of whom shall hold office for one (1) year or until their successors are elected and qualified. The officers shall be elected by Council from among their own members by ballot vote. In 1929 and thereafter, no person shall be eligible for election as an officer until he has served at least one (1) year upon Council. The President and Vice-President shall not be eligible for immediate reelection after serving a full year in office.

#### ARTICLE V.—NOMINATION AND ELECTION OF COUNCILLORS.

*Section 1. Nomination.* A Nominating Committee of five (5) and a Tellers Committee of three (3) members shall be chosen by Council by ballot vote at its regular October meeting. At the regular November meeting of the society the Nominating Committee shall report at least two (2) eligible members for each vacancy upon Council. Additional names shall be placed on the official ballot upon written petition of twelve (12) voting members if submitted to the Nominating Committee within one (1) week following the regular November meeting of the society.

No names shall be placed upon the ballot until the Secretary has determined that the member is in good standing and is eligible and is willing to serve if elected.

*Section 2. Election.* Within ten (10) days following the regular November meeting of the society the Secretary shall mail to each voting member a ballot impressed with the seal of the society and addressed for return to the Tellers Committee. On it shall be printed the names of all members nominated in accordance with the preceding section and alphabetically arranged, together with instructions that one choice shall be indicated for each office to be filled and that ballots to be valid must be post marked not later than midnight of the Wednesday preceding the annual meeting of the society. The Tellers shall canvass the ballots on the day of the annual meeting of the society and report as duly elected those nominees receiving the greatest number of votes for the offices to which they were nominated, provided that any tie vote shall be decided by ballot of the members present at the annual meeting.

#### ARTICLE VI.—DUTIES OF OFFICERS.

*Section 1.* The President of the society shall be President of Council and a member *ex-officio* of all committees. In conjunction with the Secretary and Treasurer he shall sign all contracts authorized by Council and shall perform all the duties pertaining to this office and shall turn over to his successor all properties belonging to this office.

*Section 2.* The Vice-President, in the absence or disability of the President, shall perform all the duties of that office.

*Section 3.* The Secretary shall keep the minutes of all meetings of the society and of the Council and shall make and attest a proper record of the same. He shall collect dues, convey them to the Treasurer and perform such other duties as usually devolve upon a Secretary as directed by Council and turn over to his successor all records and properties belonging to this office.

*Section 4.* The Treasurer shall receive and have in charge all moneys belonging to the society and shall invest and disburse the same as may be ordered by Council. He shall keep an accurate account of moneys received and disbursed by him and shall perform such duties as usually pertain to the office of Treasurer and as may be directed by Council. He shall give bond for the proper performance of his duties in the amount required by Council, with a corporate surety approved by Council. The fee for this bond shall be authorized by Council and paid from the funds of the society. Upon the expiration of his term of office he shall turn over to his successor or to Council all money and property of the society in his hands.

*Section 5.* Council may employ an Executive Secretary and such other individuals as it may deem necessary and fix their compensation.

The duties of Executive Secretary shall be of an executive nature and all action by him shall be subject to the direction and approval of Council.

*Section 6.* The action of all of the aforesaid officers shall be subject to the approval of Council.

#### ARTICLE VII.—MEETINGS.

*Section 1.* The annual meeting of the society shall be held on the second (2nd) Friday of December in each year.

*Section 2.* The annual meeting of Council shall be held on the second (2nd) Friday of December in each year.

*Section 3.* Regular meetings of the society shall be held on the second (2nd) Friday of each month, except that meetings during the summer months may be omitted by order of Council provided the society holds not less than six (6) meetings in each year with an attendance of not less than nine members at each meeting, the proceedings of which have been transmitted to the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION for publication. Nine (9) Voting Members shall constitute a quorum.

*Section 4.* Regular meetings of Council shall be held on the second Friday of each month, except as it may recess during the summer months.

*Section 5.* Special meetings of the society may be called by the President at such time and place as Council may deem to be expedient and must be called by him on the written request of five (5) Voting Members of the society.

*Section 6.* Special meetings of Council may be called by the President at his discretion and must be called upon the written request of five (5) members of Council.

*Section 7.* Notices of special meetings of Council or of the society must be sent in written or printed form not later than three (3) days prior to the date of said meeting.

Special meetings of Council may be called by telephone provided each member of Council signifies consent to such meeting.

ARTICLE VIII.—COMMITTEES.

*Section 1.* Council shall have power to appoint such committees as it may find necessary to assist in the execution of its duties.

ARTICLE IX.—SECTIONS.

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ARTICLE X.—DUES.

*Section 1.* The annual dues of the various classes of membership shall not exceed the following schedule:

Active.....	\$35.00	Associate.....	\$5.00
Privileged.....	15.00	Student.....	2.00
Junior.....	15.00	Honorary.....	none

*Section 2.* Power to place the dues at figures lower than the above schedule shall rest in the Council.

*Section 3.* The dues of all members, except Active Members, shall be due and payable within the first ten (10) days of each fiscal year. The dates of the fiscal year shall be set by Council.

*Section 4.* Dues of Active Members may be paid in installments as determined by Council.

*Section 5.* Any member in arrears for dues for three-quarters (3/4) of a year shall automatically be dropped from membership in the society. Such an individual shall not be eligible for reelection until he has paid the dues in arrears at the date when he was dropped.

*Section 6.* The society shall remit annual dues to the AMERICAN PHARMACEUTICAL ASSOCIATION for all voting members who are not in arrears for current installment of dues or who are not on the non-active list.

ARTICLE XI.—AMENDMENTS.

Amendments to the Constitution may be made by assent thereto in writing by two-thirds (2/3) of the Voting Members of the society or by a vote of a majority of the Voting Members present at a meeting called for that purpose, two (2) weeks' notice of which shall have been given each Voting Member by mail.

ARTICLE XII.—ORDER OF BUSINESS.

*Section 1.* Annual Meeting of the Society.

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| 1. Call to Order.                      | 4. Report of Tellers on Election of Councilors. |
| 2. Reading of Minutes of Last Meeting. | 5. Miscellaneous Business.                      |
| 3. Reports of Officers and Council.    | 6. Adjournment.                                 |

*Section 2.* Annual Meeting of Council.

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|--------------------------|----------------------------|
| 1. Call to Order.        | 3. Miscellaneous Business. |
| 2. Election of Officers. | 4. Adjournment.            |

*Section 3.* All meetings of the society, the Council, the Committees and other sub-divisions shall be governed by Roberts' Rules of Order.

ARTICLE XIII.—SEAL.

The seal of the { society shall be  
                          { corporation

NORTHERN OHIO BRANCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

CLASSIFICATION BLANK.

Name (in full).....Age.....
Home Address.....Tel.....
Business Address.....Tel.....
Class of Membership applied for.....

PRESENT POSITION.

Active Member:
Title or Position (Proprietor, Employee or Other Title).....Name of Firm.....
Junior Member:
Title or Position (Proprietor, Employee or Other Title).....Name of Firm.....
Privileged Member:
Title.....Name of Institution.....
Associate Member:
Position or Profession.....
Student Member:
Name of School.....Class.....

PREVIOUS EXPERIENCE.

Pharmacy School from Which Graduated.....
Are You a Registered Pharmacist?.....
What States?.....Certificate Number....
Remarks: (Give any further information to support your claims for the desired classification).....

TO BE FILLED OUT BY THE EXECUTIVE OFFICE.

- 1. Date Received.....
2. Date Presented to Membership Committee.....
3. Recommendation of Committee.....
4. Recommendation Approved by Council.... Date.....
5. Date Filed.....

Remarks:

APPLICATION FOR MEMBERSHIP.

TO THE COUNCIL OF THE NORTHERN OHIO BRANCH OF THE AMERICAN PHARMACEUTICAL ASSOCIATION:

Gentlemen:

I desire to become a member\* of the Northern Ohio Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION.

(Name in Full)
(Date).....(Business Address)
(Age).....(Home Address)
Pharmacy School.....Year Graduated.....
Year Licensed in Ohio.....

The undersigned Voting Members take pleasure in endorsing the above application.

\* Classification will be determined by the Council.

I hereby declare that I approve of the Constitution and By-Laws of the Northern Ohio Branch of the AMERICAN PHARMACEUTICAL ASSOCIATION and that I will refrain from any and all illegal and unlawful acts in the practice of my profession or consider my membership in the ASSOCIATION forfeited. (Signature)

IMPROVEMENT OF GUTZEIT AND MARSH TESTS FOR ARSENIC.\*

Research work, upon which I have been engaged in the research laboratory of the College of Pharmacy of the University of Minnesota since last fall, looking toward the improvement of the well-known Gutzeit's and Marsh's tests for arsenic by the use of a catalyst and the substitution of aluminum for zinc as a means of liberating hydrogen, has shown that aluminum can be used with advantage in the place of zinc. So far better and more uniform arsenic stains and deposits have been obtained by the use of aluminum as against zinc. The addition of stannous chloride to the aluminum-acid reaction mixture is necessary as it stimulates the evolution of hydrogen and serves to displace the last traces of arsenic present.

"Complete test procedures will be presented at a later date."

\* A preliminary report by L. P. Mayrand, candidate for Master's Degree in Pharmacy, University of Minnesota, Minneapolis, Minn.