

	1914	1919
Tragacanth, gum.....	1.20	3.50
Oil of Clove.....	1.00	2.25
Oil Coriander Seed.....	7.00	60.00
Oil of Cassia.....	.85	2.10
Oil of Cubeb.....	2.75	8.25
Oil Lavender Flowers.....	3.75	7.50
Oil of Mustard, artificial.....	1.25	10.75
Oil of Peppermint.....	2.75	10.00
Oil of Rose.....	10.00	22.00
Oil Rosemary Flowers.....	.70	1.20
Oil Sandalwood.....	4.65	11.25
Oil Sassafras, natural.....	.55	1.95
Oil Sweet Birch.....	1.45	5.50
Bayberry Wax.....	.30	.42
White Beeswax.....	.48	.66
Japan Wax.....	.11	.19
Paraffin, 120°.....	.03 <sup>1</sup> / <sub>2</sub>	.12 <sup>1</sup> / <sub>2</sub>
Cocoonut Oil.....	.11	.20
Linseed Oil.....	.59	1.75
Turpentine.....		1.25

The above comparison will give a fair idea of the difference between the prices in 1914 and 1919.

#### AMERICAN CHEMICAL SOCIETY MEETING AT PHILADELPHIA.

The fifty-eighth meeting of the American Chemical Society, which convenes next month in Philadelphia, will be the most significant which has ever been held. Officers of the Chemical Warfare Service of the United States will be present to tell of developments which came under their personal observation and many new applications of new-found knowledge will be suggested.

The provisional program which has been issued from the office of the secretary contains many indications of the far-reaching interest of the discussions and papers.

The recently organized dye section will have its first meetings. The taking over of 4,500 patents by the Chemical Foundation, Inc., the development of new processes, and the general policy with regard to this industry will draw attention not only of the members of the profession but of all divisions of manufacturing and chemistry.

Prominent speakers will discuss reforms in our patent laws in a symposium which has been arranged in which the newly formed dye section and the pharmaceutical division will unite with the division of industrial chemists and chemical engineers.

An elaborate program is under consideration by the division of Agricultural and Food Chemistry, for the chemist in these days, when the high cost of living must be put down in some way, will be called upon for suggestions and advice.

PROVISIONAL PROGRAM FALL MEETING AMERICAN CHEMICAL SOCIETY, PHILADELPHIA, SEPTEMBER 2-6, 1919.

*Tuesday, September 2.*

4.00 P.M. Council meeting, Bellevue-Stratford. 6.30 P.M. Dinner to the Council at the Bellevue-Stratford, tendered by the Philadelphia Section.

*Wednesday, September 3.*

10.00 A.M. General meeting, Bellevue-Stratford ballroom. Address of welcome. Response. Business meeting. General addresses. 2.00 P.M. Divisional meetings.

8.00 P.M. Smoker, Scottish Rite Hall, Broad and Race Streets, Philadelphia.

*Thursday, September 4.*

Morning. Divisional meetings. Afternoon. Excursions. 8.30 P.M. President's address, Museum of the University of Pennsylvania.

*Friday, September 5.*

Morning and afternoon. Divisional meetings. 7.00 P.M. Banquet, Bellevue-Stratford ballroom.

*Saturday, September 6.*

Morning. Excursions. Afternoon. Automobile trip to Valley Forge.

AMERICAN PHARMACEUTICAL ASSOCIATION.

GENERAL OFFICERS.

*President*—CHARLES H. LAWALL.....39 So. 10th St., Philadelphia, Pa.  
*Honorary President*—OLIVER F. FULLER.....310 W. Washington St., Chicago, Ill.  
*First Vice-President*—F. W. NITARDY.....66 Orange St., Brooklyn, N. Y.  
*Second Vice-President*—THEODORE J. BRADLEY.....70 St. Botolph St., Boston, Mass.  
*Third Vice-President*—FRANCIS HEMM.....2108 Locust St., St. Louis, Mo.  
*General Secretary*—WILLIAM B. DAY.....701 So. Wood St., Chicago, Ill.  
*Treasurer*—HENRY M. WHELPLEY.....2342 Albion Place, St. Louis, Mo.  
*Reporter on the Progress of Pharmacy*—H. V. ARNY.....115 W. 68th St., New York, N. Y.  
*Editor of the JOURNAL*—E. G. EBERLE.....253 Bourse Building, Philadelphia, Pa.  
*Local Secretary*—HUGO H. SCHAEFER.....115 W. 68th St., New York, N. Y.

OFFICERS-ELECT FOR 1919-1920.

*President*—L. E. SAYRE.....Lawrence, Kas.  
*First Vice-President*—THEODORE J. BRADLEY.....70 St. Botolph St., Boston, Mass.  
*Second Vice-President*—HARRY WHITEHOUSE.....Johnson City, Tenn.  
*Third Vice-President*—E. FULLERTON COOK.....145 No. 10th St., Philadelphia, Pa.  
*Members of the Council* { J. H. BEAL.....801 W. Nevada St., Urbana, Ill.  
 CHARLES H. LAWALL.....39 So. 10th St., Philadelphia, Pa.  
 S. L. HILTON.....1033 22nd St., N. W., Washington, D. C.

OFFICERS OF THE HOUSE OF DELEGATES.

*Chairman*—OTTO F. CLAUS.....3513 Herbert St., St. Louis, Mo.  
*First Vice-Chairman*—S. L. HILTON.....1033 22nd St., N. W., Washington, D. C.  
*Second Vice-Chairman*—E. F. KELLY.....Lombard and Green Sts., Baltimore, Md.  
*Recording Secretary*—JEANNOT HOSTMANN.....115 W. 68th St., New York, N. Y.

OFFICERS OF THE COUNCIL.

*Chairman*—LEWIS C. HOPP.....1104 Euclid Ave., Cleveland, Ohio.  
*Vice-Chairman*—SAMUEL L. HILTON.....1033 22nd St., N. W., Washington, D. C.  
*Secretary*—JOSEPH W. ENGLAND.....415 No. Thirty-third St., Philadelphia, Pa.

PROGRAM FOR NEW YORK CITY MEETING.

*Monday, August 25.*

9.30 A.M. National Association Boards of Pharmacy.  
 2.00 P.M. National Association Boards of Pharmacy.  
 American Conference of Pharmaceutical Faculties.  
 8.00 P.M. National Association Boards of Pharmacy.  
 American Conference of Pharmaceutical Faculties.

*Tuesday, August 26.*

9.00 A.M. Council Meeting.  
 National Association Boards of Pharmacy.  
 American Conference of Pharmaceutical Faculties.  
 3.00 P.M. First General Session of Association.  
 4.30 P.M. Committee on Nominations.  
 8.15 P.M. Adjourned First General Session of Association. Award of the Joseph P. Remington Honor Medal.  
 9.15 P.M. Vaudeville Entertainment.

*Wednesday, August 27.*

9.00 A.M. Auto Ride to Botanical Garden and other points of interest.  
 1.30 P.M. Scientific Section, first session.  
 Section on Education and Legislation, first session.  
 Section on Practical Pharmacy and Dispensing, first session.  
 3.30 P.M. House of Delegates, first session.  
 7.30 P.M. Council Meeting.  
 9.30 P.M. President's Reception and Ball.

*Thursday, August 28.*

- 9.30 A.M. Commercial Section, first session.  
 Historical Section, first session.  
 Scientific Section, second session.
- 10.30 A.M. Women's Section, first session.
- 12.00 Noon Alumni Luncheon.
- 1.30 P.M. House of Delegates, second session.
- 2.30 P.M. Section on Education and Legislation, second session.  
 Section on Practical Pharmacy and Dispensing, second session.
- 4.00 P.M. Joint session of American Conference of Pharmaceutical Faculties and Section on  
 Education and Legislation and Boards of Pharmacy.
- 4.30 P.M. Council Meeting.
- 8.00 P.M. Second General Session of Association.

*Friday, August 29.*

- 9.30 A.M. Historical Section, second session.—Address by Dr. H. M. Whelpley.  
 Commercial Section, second session.  
 Scientific Section, third session.
- 10.30 A.M. Women's Section, second session.
- 1.30 P.M. Boat Ride up the Hudson and then to Coney Island.
- 2.00 P.M. Council Meeting (Reorganization Meeting). On Board of Boat.
- 8.30 P.M. Banquet at the Balconades, Luna Park, Coney Island.

*Saturday, August 30.*

- 9.00 A.M. Council Meeting.
- 10.00 A.M. Final General Session of Association.
- 1.30 P.M. Luncheon.
- 3.00 P.M. Seeing down-town New York.

ORDER OF BUSINESS FIRST GENERAL SESSION OF THE AMERICAN PHARMACEUTICAL  
 ASSOCIATION.

Opening of the Convention by the President.

President's address may then be read, after which the Council shall report the list of properly accredited delegates.

Reports of Committees: Read by titles, synopsis, or in full, and laid on the table for future consideration. Reading of the minutes of the Council, in abstract.

Roll call of States, the Territories, District of Columbia, and the Province of Canada. Two members from each to be appointed on the Committee on Nominations. The President shall appoint five members from the Association-at-large to act with this Committee.

Incidental Business.

SECOND GENERAL SESSION.

Call to order by the President.

Reading of minutes of previous session by the Secretary.

Report of Committee on Nominations.

Reading of the Minutes of the Council.

Reading of Reports of Treasurer and General Secretary.

Reports of Standing Committees.

Reports of Special Committees.

Incidental Business.

Adjournment subject to the call of the President.

HEADQUARTERS—HOTEL PENNSYLVANIA.

Members should obtain information relative to train rates from their Local Railroad agent. The Pennsylvania R.R. depot in New York is directly connected with the Hotel Pennsylvania.

All meetings will be held on the Ballroom floor, Section meetings in Parlors, A, B, and C, and the General Sessions in the Banquet Hall. These rooms all adjoin each other and are very conveniently located.

The rates at the Hotel Pennsylvania are as follows:

ROOM RATES—HOTEL PENNSYLVANIA.

At Seventh Ave., 32d to 33rd Sts., Opposite Pennsylvania Terminal.

Rooms with Single Bed (for one) \$3.00, \$3.50 and \$4.00.

Rooms with Double Bed (for one) \$4.00, \$5.00 and \$6.00.

Rooms with Double Bed (for two) \$5.00, \$6.00 and \$7.00.

Rooms with Twin Beds (for one or two) \$6.00, \$7.00 and \$8.00.

Parlor Suites: \$12.00 and up.

Every room has private bath and circulating ice-water and other conveniences.

About Reservations:

Reservations should state kind of room accommodations desired, day and date, and if possible the hour of arrival. If a room at the rate requested is not available, a room nearest that rate will be reserved.

*Local Committees.*

*Chairmen of Committees:*

*Local Secretary*.....Hugo H. Schaefer, 115 West 68th St., N. Y. City.

*Entertainment*.....Jeannot Hostmann.

*Registration*.....Gustave Horstmann.

*Reception*.....Jacob Diner.

*Publicity*.....Ezra J. Kennedy.

*Hotel*.....Charles Fischer.

*Ladies*.....Mrs. Robert S. Lehman.

*Finance*.....Theodore R. L. Loud.

*Treasurer*.....Clarence O. Bigelow.

PROGRAMS OF THE SECTIONS.

The programs of the Sections are still incomplete; those that have been submitted are tentative; all of them will be completed prior to the Convention.

SCIENTIFIC SECTION.

Officers: *Chairman*, E. N. Gathercoal; *First Vice-Chairman*, C. B. Jordan; *Second Vice-Chairman*, C. O. Ewing; *Secretary*, A. G. DuMez.

Sessions: Wednesday, August 26, 1.30 P.M.; Thursday, August 28, 9.30 A.M.; Friday, August 29, 9.30 A.M.

ORDER OF BUSINESS OF FIRST SESSION.

1—Chairman's Address.

2—Secretary's Report.

3—Report of Standing Committees and Committees of the Association which report to this Section.

4—Nomination of Officers.

5—Miscellaneous Business.

6—Reading of Papers.

*Wednesday, August 27, 1.30 p.m., First Session.*

PAPERS.

1—The Keeping of Biological Products. John F. Anderson.

2—Some Observations Concerning the Origin and Evolution of Pharmacy and Drug Therapeutics. F. E. Stewart.

3—A Final Report of the Constituents of Gelsemium. Lucius E. Sayre.

4—Urorosein. J. Atlee Dean.

5—Oral Hygiene and Oral Antiseptics. Wm. F. Gidley.

6—Chloramine Products: Their Manufacture and Use. Isaac F. Harris.

7—The Germicidal Value of Mercuric Iodide Alone and Associated with Soap. H. C. Hamilton.

8—An Investigation of the Accuracy of the So-called Dispensing Tablets. K. F. Ehrmann and Jos. W. E. Harrison.

*Thursday, August 28, 9.30 a.m., Second Session.*

- 1—The Solubility of Some Soluble Oils in Weak Alcohol. Horatio C. Wood, Jr.
- 2—Oil of Sandalwood. Azor Thurston.
- 3—The Permanence of Alkaloidal Fluidextracts and Tinctures. W. L. Scoville.
- 4—The Permanency and Deterioration of Some Vegetable Drugs Twenty-five Years of Age. E. N. Gathercoal.
- 5—Deterioration of High Test American Digitalis. J. P. Snyder.
- 6—Pharmacodynamics in Schools and Colleges of Pharmacy. A. R. Bliss, Jr.
- 7—Preliminary Note on a New Pharmacodynamic Assay Method. Paul S. Pittenger.
- 8—Digitalis Standardization by the Cat Method with Some Suggested Modifications. L. W. Rowe.
- 9—Maintaining Frogs for Test Purposes. L. W. Rowe.
- 10—The Biologic Test of Digitalis. Robert A. Hatcher.
- 11—The Standardization of Blood Coagulants. H. C. Hamilton.
- 12—A Suggested Change in Technique of U. S. P. Assay of Opium. H. W. Jones.
- 13—Laboratory Notes. Geo. E. E'we.

*Friday, August 29, 9.30 a.m., Third Session.*

- 1—Why Does the Pharmacopoeia? Wilbur L. Scoville.
- 2—Symposium on U. S. P. Revision. C. L. Alsberg, Chas. H. LaWall, Henry Kraemer, A. R. L. Dohme, G. D. Rosengarten, *et al.*

#### SECTION ON EDUCATION AND LEGISLATION.

Officers: *Chairman*, W. F. Rudd; *Secretary*, C. A. Dye; *Associates*, William Mansfield, E. L. Newcomb and W. H. Ziegler.

Sessions: Wednesday, August 27, 1.30 P.M.; Thursday, August 28, 2.30 P.M. Joint Session with American Conference of Pharmaceutical Faculties and National Association of Boards of Pharmacy, 4.00 P.M.

#### PROGRAM.

The tentative program of the Section on Education and Legislation as arranged to date is as follows: One whole session will be devoted to a Symposium on U. S. P. Revision as follows:

- 1—Scope of the Revision. C. H. LaWall and Henry Kraemer.
- 2—Who Shall Do the Work and Why? Chas. E. Caspari and R. P. Fischelis.
- 3—Methods of Saving Time in Revision. W. G. Gregory, Jacob Diner and W. L. Scoville.
- 4—U. S. P. and N. F. Financing. A. R. L. Dohme, J. A. Koch and H. M. Whelpley.
- 5—Best Methods of Getting Coöperation among the Various Interests Taking Part in the Revision. E. Fullerton Cook and J. M. Francis.

Other papers to be presented are as follows:

- 1—President's Address.
- 2—Secretary's Address.
- 3—Pharmaceutical Education and Opportunities. H. J. Goeckel.
- 4—The Minnesota Pre-Requisite Law. E. L. Newcomb.
- 5—The Indiana Pre-Requisite Law. Burton Cassaday.
- 6—Where are College Graduates Ten Years After Leaving College? Miss Zada M. Cooper.

#### SECTION ON PRACTICAL PHARMACY AND DISPENSING.

(PHARMACOPOEIAS, FORMULARIES AND STANDARDS.)

Officers: *Chairman*, R. W. Terry; *Secretary*, Edward Davy; *Associates*, William Gray and Irwin A. Becker.

Sessions: Wednesday, August 27, 1.30 P.M.; Thursday, August 28, 2.30 P.M.

#### PROGRAM.

*Wednesday, August 27, 1.30 p.m., First Session.*

- 1—Chairman's Address.
- 2—Business of the Section.
- 3—Report of Committee on U. S. Pharmacopoeia.

- 4—Report of Committee on National Formulary.
- 5—Report of Committee on A. Ph. A. Recipe Book.
- 6—Prescription Clinic. Ivor Griffith and Adley B. Nichols.
- 7—Standardization of Dispensing Pharmacies. Lucius E. Sayre.
- 8—Practical Pharmacy and Dispensing in Relation to the Medical Profession. F. E. Stewart.
- 9—Some Profitable Professional Side-lines. C. B. Jordan.
- 10—Mercurial Ointment. E. D. Davy.
- 11—Criticisms and Suggestions of the National Formulary. Wilbur L. Scoville.
- 12—Constructive Criticism of the National Formulary. Open discussion.
- 13—Nomination of Officers. (Further nominations may be made prior to election of officers.)

*Thursday, August 28, 2.30 p.m., Second Session.*

- 1—One Thousand Consecutive Prescriptions in 1919 Compared with an Equal Number in 1859-1879-1899. Henry P. Hynson.
- 2—A Study of the Pendent Drop. John Uri Lloyd.
- 3—Notes on the Precipitation of Magnesium Hydroxide. Robert W. Terry and E. D. Davy.
- 4—The Abuse of the Shake Label. J. Leon Lascoff.
- 5—Ointment Difficulties. Wm. Gray.
- 6—A Suitable Non-Alcoholic Solvent for Acetyl Salicylic Acid. I. A. Becker.
- 7—Some Fundamental Considerations in Dispensing Photographic Formulas. A communication from the Chairman of the Sub-Committee on Photographic Formulas, A. Ph. A. Recipe Book. I. A. Becker.
- 8—A Standard Screen Scale for Testing Sieves. U. S. Bureau of Standards.
- 9—Constructive Criticism of the United States Pharmacopoeia. Open.
- 10—Open Discussion of any Subject.
- 11—Election and Installation of New Officers.
- 12—Adjournment.

#### SECTION ON COMMERCIAL INTERESTS.

Officers: *Chairman*, E. Fullerton Cook; *Secretary*, H. S. Noel; *Associates*, Hugo H. Schaefer, J. H. Rehfuss and I. M. Light.

Sessions: Thursday, August 28, 9.30 A.M.; Friday, August 29, 9.30 A.M.

#### PAPERS.

Selling and the Professions. Dr. Herbert W. Hess, of the Wharton School of Business Science, University of Pennsylvania.

Insurance for Druggists. Dr. S. S. Hebner, of the Wharton School of Business Science, University of Pennsylvania.

Conservative Investments. Dr. Homer S. Pace, of New York.

The Essentials of Accounting. Dr. C. P. Couchman, of New York.

Records—A Key to Business Success. Prof. E. Fullerton Cook, of Philadelphia.

Capital and Its Relation to Pharmacy. H. S. Noel, Ph.G., of Indianapolis.

Drug Store Advertising. Prof. R. P. Fischelis, of Philadelphia.

Manufacturing Problems. George M. Beringer, Jr., of Camden, New Jersey.

A Workable Drug Store Policy that Will Bring Success. Dr. Henry P. Hynson, of Baltimore.

The Diagnostic Laboratory in the Pharmacy. Dr. Jacob Diner, of New York.

Buying for a Retail Drug Store. Chas. W. Holzhauer, of Newark, New Jersey.

Employing Drug Clerks. Earl H. Cone, of Atlanta, Georgia.

Closer and More Profitable Relations Between the Pharmacist and His Bank. Clarence O. Bigelow, New York.

Program of the Sessions and Abstracts of the papers have been prepared but too late for inclusion in this issue of the JOURNAL.

## SECTION ON HISTORICAL PHARMACY.

Officers: *Chairman*, Hugo Kantrowitz; *Secretary*, W. O. Richtmann; *Historian*, E. G. Eberle.

Sessions: Thursday, August 28, 9.30 A.M.; Friday, August 29, 9.30 A.M.

## PROGRAM.

- 1—Address of the Chairman. Hugo Kantrowitz.
  - 2—Report of the Historian. E. G. Eberle.
  - 3—Illustrated Lecture. Dr. H. M. Whelpley.
  - 4—"Boston Ether Monument," erected to the unnamed Discoverer of General Anesthesia, Illustrated Lecture. Charles M. Ford.
  - 5—Observations and Experiences in Pharmacy Since 1854. Dr. John F. Hancock.
  - 6—A Sketch of the Late Mr. J. O. Burge. Prof. E. A. Ruddiman.
  - 7—History of the Denver Branch, A. Ph. A. F. W. Nitardy.
  - 8—Collection of Medals. Exhibition arranged by Caswell A. Mayo.
  - 9—Pharmacy and the Cognate Sciences. Caswell A. Mayo.
  - 10—The Pioneer Drug Store of the Wisconsin Historical Museum. Edward Kremers.
- The order of papers and addresses will be re-arranged. Other papers are promised.

## WOMEN'S SECTION.

Officers: *President*, Miss Anna G. Bagley; *First Vice-President*, Mrs. W. L. Dewoody; *Second Vice-President*, Mrs. F. J. Wulling; *Third Vice-President*: Mrs. F. W. Meissner; *Secretary-Treasurer*, Mrs. Jean McKee Kenaston; *Historian*, Miss Bertha Ott.

Sessions: Thursday, August 28, 10.30 A.M.; Friday, August 29, 10.30 A.M.

## HOUSE OF DELEGATES, A. PH. A.

Officers: *Chairman*, Otto F. Claus; *First Vice-Chairman*, S. L. Hilton; *Second Vice-Chairman*, E. F. Kelly; *Recording Secretary*, Jeannot Hostmann.

Sessions: Wednesday, August 27, 3.30 P.M.; Thursday, August 28, 1.30 P.M.

## ORDER OF BUSINESS.

- 1—Calling Roll of Delegates whose credentials have been approved by the Executive Committee.
- 2—Appointment of Committee on Resolutions.
- 3—Reading of communications from the Association, Sections and Council.
- 4—Calling Roll of Delegates for reports, resolutions and communications, all of which shall be in writing.
- 5—Miscellaneous Business.
- 6—Election and Installation of Officers.
- 7—Adjournment to a certain time.

## PROGRAM.

*First Session, Wednesday, August 27, 3.30 p.m.*

- 1—Roll Call of Delegates.
- 2—Reception of Delegates from Departments of the U. S. Government.  
The Army-Colonel Frederick M. Hartsock, M. C., U. S. A.  
The Public Health Service, Dr. Andrew G. DuMez.
- 3—Appointment of Committees on Resolutions and Nominations.
- 4—Chairman's Address.
- 5—Report of Recording Secretary.
- 6—Reading of Communications.
- 7—Calling of Roll of Delegates for Reports or Resolutions.

*Second Session, Thursday, August 28, 1.30 p.m.*

- 8—Reading of Minutes of Previous Session.
- 9—Report of the Committee on Resolutions.

- 10—Miscellaneous Business.
- 11—Unfinished Business.
- 12—Report of the Committee on Nominations.
- 13—Election and Installment of Officers.
- 14—Adjournment.

TENTATIVE PROGRAM FOR THE TWENTIETH ANNUAL MEETING OF THE  
AMERICAN CONFERENCE OF PHARMACEUTICAL FACULTIES TO BE  
HELD IN NEW YORK CITY.

New Pennsylvania Hotel, Monday and Tuesday August 25 and 26, 1919.

(The American Pharmaceutical Association will convene during the same week, beginning its sessions Tuesday afternoon, August 26).

The headquarters of the Conference will be at the Hotel Pennsylvania, the headquarters of the American Pharmaceutical Association. All meetings will be held there.

TENTATIVE PROGRAM.

*First Session, Monday, August 25, 2 p.m.*

- 1—Roll Call.
- 2—Address of the President.
- 3—Report of the Secretary.
- 4—Report of the Treasurer.
- 5—Appointment of Nominating Committees.
- 6—Reports of Standing Committees.
  - 1—Executive Committee.
  - 2—National Syllabus Committee.
  - 3—Committee on Higher Educational Standards, Prof. W. J. Teeters, *Chairman*.
  - 4—Committee on Faculties, Prof. Zada M. Cooper, *Chairman*.

*Second Session, Monday Afternoon, August 25, 8 p.m.*

- 6—Reports of Standing Committees:
- 5—Committee on Curriculum and Teaching Methods, Prof. J. W. Sturmer, *Chairman*.
- 6—Committee on Activities of Students and Alumni, Prof. William Mansfield, *Chairman*.
- 7—Committee on Uniform College Bulletins, Prof. R. A. Kuever, *Chairman*.
- 8—Committee on Relations of Pharmacy Schools and other Professional Schools, Prof. W. F. Rudd, *Chairman*.
- 9—Committee on Research, Prof. Henry Kraemer, *Chairman*.
- 7—Report of Special Committees.
- Committee on Revision of Constitution and By-Laws, Dr. J. H. Beal, *Chairman*.
- 8—Unfinished Business.
- 9—Miscellaneous Business.

READING OF PAPERS.

- 10—Election of Officers.
- 11—New Business.
- 12—Executive Session, Election of New Members.

Tuesday, August 26th, will be devoted to Joint Sessions with the National Association of Boards of Pharmacy. Two sessions will be held, one at 10 A.M., and the other at 2 P.M. The following Committees will report at the Joint Sessions:

Joint Committee on Examination Questions, Prof. E. A. Ruddiman, *Chairman*.

Committee on Higher Educational Standards, Prof. R. A. Lyman, *Chairman*.

Committee on Relations of the Colleges with the Boards, Prof. Charles E. Caspari, *Chairman*.

A joint session with the Section on Education and Legislation of the American Pharmaceutical Association and the National Association of Boards of Pharmacy, will be held on Thursday, August 28th, at 4 P.M.



TENTATIVE PROGRAM FOR THE SIXTEENTH ANNUAL CONVENTION OF THE  
NATIONAL ASSOCIATION OF BOARDS OF PHARMACY TO BE HELD IN  
NEW YORK CITY

New Pennsylvania Hotel, Monday and Tuesday August 25 and 26, 1919.

(The American Pharmaceutical Association will convene during the same week, beginning its sessions Tuesday afternoon, August 26).

TENTATIVE PROGRAM.

*First Session, Monday, August 25, 9.30 a.m.*

- 1—Call to order by President John Culley.
- 2—Calling roll of member State Boards of Pharmacy.
- 3—Appointment of Credential Committee.
- 4—President's Address.
- 5—Appointment of Committee on President's Address.

*Second Session, Monday Afternoon, August 25, 2.00 p.m.*

- 1—Report of Secretary.
- 2—Report of Treasurer.
- 3—Report of Credential Committee.
- 4—Appointment of Nominating Committee.
- 5—Open for presentation of Papers and for General Discussion.

*Third Session, Monday Evening, 8.00 p.m.*

- 1—Report of Committee on President's Address.
- 2—Report of Executive Committee.
- 3—Report of Legislative Committee.
- 4—Report of Syllabus Committee.
- 5—General Discussion.

*Fourth Session, Tuesday Morning, August 26, 9.30 a.m.*

- 1—Report of Advisory Examination Committee.
- 2—Reports of Special Committees.
- 3—Unfinished Business.
- 4—New Business.
- 5—Report of Nominating Committee.
- 6—Election and Installation of Officers.

NOTE.—Final adjournment of the N. A. B. P. may be deferred until after Joint Session to be held Thursday afternoon (August 28) 4.00 P.M., of American Conference of Pharmaceutical Faculties, Section on Education and Legislation of the American Pharmaceutical Association and the National Association of Boards of Pharmacy.

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