

ficial heart. The organs were handled by Dr. Carrel, the mechanical heart was constructed by Colonel Lindbergh."

In 1931, the latter designed a rotating coil of glass to substitute for the heart as a blood

pump; he is credited with inventing a spore-catcher, which he attached to his plane to ascertain how much vegetable life exists in the upper stratum.

SOCIETIES AND COLLEGES.

CANADA PHARMACEUTICAL ASSOCIATION.

Canada Pharmaceutical Association will meet in Victoria B. C., August 5th-8th; the AMERICAN PHARMACEUTICAL ASSOCIATION will convene in Portland, Oregon, August 5th-10th. The two associations meet in the same section and this offers an opportunity for interchange of visitations.

SECTIONS AND CONFERENCES, PAPERS AT THE PORTLAND MEETING OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

The list of officers may be found in the roster; for your convenience the names of the presiding officers and secretaries are here given: **Scientific Section**, *Chairman*, E. V. Lynn, Massachusetts College of Pharmacy, Boston; *Secretary*, F. E. Bibbins, 5840 Washington Blvd., Indianapolis, Ind. **Section on Education and Legislation**, *Chairman*, Oscar E. Russell, 531 So. Main St., Elkhart, Ind.; *Secretary*, L. W. Rising, University of Washington, Seattle, Wash. **Section on Practical Pharmacy and Dispensing**, *Chairman*, H. M. Burlage, University of North Carolina, Chapel Hill, N. C.; *Secretary*, Leon W. Richards, University of Montana, Missoula, Mont. **Section on Commercial Interests**, *Chairman*, Henry Brown, Scranton, Pa.; *Secretary*, R. T. Lakey, Cass & Hancock Aves., Detroit, Mich. **Section on Historical Pharmacy**, *Chairman*, C. O. Lee, Purdue University, La Fayette, Ind.; *Secretary*, H. W. Youngken, Massachusetts College of Pharmacy, Boston, Mass.; *Historian*, E. G. Eberle, 2215 Constitution Ave., Washington, D. C.

National Conference on Pharmaceutical Research, *Chairman*, E. N. Gathercoal, 710 So. Wood St., Chicago, Ill.; *Secretary*, John C. Krantz, Jr., 2411 No. Charles St., Baltimore, Md. **Conference of Pharmaceutical Association Secretaries**, *President*, F. V. McCullough, New Albany, Ind.; *Secretary*, Carl G. A. Harring, 20 Glen Road, Newton Center,

Mass. Conference Pharmaceutical Law Enforcement Officials, *Chairman*, R. L. Swain, 2411 No. Charles St., Baltimore, Md.; *Secretary*, M. N. Ford, New State Office Building, Columbus, Ohio. **Plant Science Seminar**, *Chairman*, Frank H. Eby, 240 Powell Road, Springfield, Pa.; *Secretary*, F. J. Bacon, Western Reserve University, Cleveland, Ohio.

American Association of Colleges of Pharmacy, *President*, Ernest Little, Rutgers University College of Pharmacy, Newark, N. J.; *Secretary*, Zada M. Cooper, University of Iowa, College of Pharmacy, Iowa City, Ia.; *Chairman of Executive Committee*, C. B. Jordan, Purdue University, La Fayette, Ind.

National Association of Boards of Pharmacy, *President*, C. H. Evans, Warrenton, Ga.; *Secretary*, H. C. Christensen, 130 No. Wells St., Chicago, Ill.

PROGRAM OF NATIONAL CONFERENCE ON PHARMACEUTICAL RESEARCH, 1935 MEETING.

PORTLAND, OREGON, SATURDAY, AUGUST 3, HOTEL MULTNOMAH.

First Session 2:00 P. M.

1. Call to Order by Chairman.
2. Appointment of Nominating Committee.
3. Summary of Year's Activities and Outlook of Conference for the Future, by Chairman Gathercoal.
4. Reports of Officers.
 - a. Report of Secretary.
 - b. Report of Treasurer.
 - c. Report of Executive Committee by Secretary.
5. Reports of Standing Committees.
 - (1) Physical Chemistry, Arthur Osol, *Chairman*.
 - (2) Bacteriology and Immunology, Louis Gershenfeld, *Chairman*.
 - (3) Pharmacognosy, Heber W. Youngken, *Chairman*.
 - (4) Pharmacology and Bioassays, James C. Munch, *Chairman*.

6. Roll Call of Delegates.
7. Adjournment for dinner. Arrangements will be made for a dinner for the delegates assembled.

An address pertinent to the work of the Conference will be delivered.

Evening Session 8:00 P. M.

8. (5) Medicinal Chemicals, Joseph Rosin, *Chairman*.
- (6) Endocrinology, Arthur Grollman, *Chairman*.
- (7) Manufacturing Pharmacy, L. Wait Rising, *Chairman*.
- (8) Pharmaceutical Dispensing, William J. Husa, *Chairman*.
- (9) Educational Methods, A. B. Lemon, *Chairman*.
- (10) Pharmaceutical Economics, Harry S. Noel, *Chairman*.
- (11) Historical Pharmacy, Charles H. LaWall, *Chairman*.
9. Reports of Other Special Committees.
 - (1) Publications, Edward N. Gathercoal, *Chairman*.
 - (2) Census of Research, James C. Munch, *Chairman*.
10. General Discussion of the Status of Pharmaceutical Research.
11. Election and Installation of Officers.
12. Adjournment.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

The pharmacy program of the American Association for the Advancement of Science is printed in the April JOURNAL A. PH. A., page 338. The pharmaceutical organizations of Australia and New Zealand join in the program of the Association for the Advancement of Science of these countries in Section O Pharmaceutical Science. The program in Minneapolis, on June 27th, was part of Section N (Medical Sciences) and Section N3 (Pharmacy).

AMERICAN MEDICAL ASSOCIATION.

The house of delegates of the American Medical Association, at its annual meeting in Atlantic City, adopted a resolution which would make the Association a monitor of all radio broadcasting on the subject of medicine heard by the American people, regardless of whether the broadcasts originate in this country or in foreign nations.

Opposition to the Copeland pure food bill

was expressed in two resolutions. They were referred to committees.

After four successive years of evading the issue, the Association officially recognized the problem of birth control.

A resolution was adopted, providing for the appointment of a special committee by the board of trustees, to study the problem of birth control during the next year and present at least a preliminary report on it at the annual meeting of the house of delegates of the Association in 1936.

A preamble to the carefully worded resolution stated that nothing in it was to be interpreted as "a declaration of action either for or against birth control."

OFFICERS OF AMERICAN PHARMACEUTICAL MANUFACTURERS' ASSOCIATION.

The following officers of the American Pharmaceutical Manufacturers' Association were unanimously elected:

President, George R. Flint, Decatur, Ill.; *First Vice-President*, Carroll Dunham Smith, Orange, N. J.; *Second Vice-President*, J. C. Fausnaught, Worcester, Mass.; *Secretary*, C. W. Warner, Newark, N. J.; *Treasurer*, Frank A. Mallett, Des Moines, Iowa; *Members of Board of Directors*, three-year terms, Carl N. Angst, Indianapolis; Eliot Frosst, Montreal, Quebec; and R. Lincoln McNeil, Philadelphia; two-year term (to fill vacancies), R. L. Maltbie, Newark, N. J., and E. T. Kirkland, Decatur, Ill.

DAIRY, FOOD AND DRUG OFFICIALS MEET.

The Central Atlantic States Dairy, Food and Drug Officials held their 19th annual convention at the John Marshall Hotel in Richmond on May 14th and 15th. The meeting was well attended and was presided over by Major W. Catesby Jones of the Chemistry Division of the Virginia Department of Agriculture. The gathering was addressed by Governor Peery and by Mayor Bright of Richmond and a number of interesting addresses were delivered by members in attendance. These dealt with foods, seeds, fertilizers, seafood, insecticides, drugs and cosmetics. President R. P. Fischelis, of the AMERICAN PHARMACEUTICAL ASSOCIATION delivered an address on Drug Control by the States.

The following resolution was presented and adopted:

WHEREAS the 19th Annual Conference of the Central Atlantic States Association of Dairy, Food and Drug Officials held at Richmond, Va., on May 14 and 15, 1935, has been one of the most pleasant and inspiring in the entire experience of the Association, and

WHEREAS at this time our thoughts turn to those who in various ways participated to make our Conference successful,

Be It Resolved that this Association extend in this manner their appreciation to Dr. Robert P. Fischelis for the excellent paper on "Regulations of the Manufacture and Distribution of Drugs and Medicines in the Interest of the Consumer" presented by him, and

Be It Further Resolved that a copy of this resolution be spread upon the Minutes of the 19th Annual Meeting of the Association and a copy be forwarded to Dr. Robert P. Fischelis.

ANDREW J. KROG, *Chairman*,
Resolution Committee.

F. L. WOLLARD,
W. BROWNLEY FOSTER, M.D.

ALABAMA.

Dr. James S. M. Lester, president of the American Medical Association, Dr. L. S. Blake, head of the Pharmacy Department, Alabama Polytechnic Institute, and Dr. A. R. Bliss, Jr., were among the speakers at Alabama Pharmaceutical Association, held in Birmingham, June 19th-20th.

ILLINOIS.

Among the speakers of the Illinois convention at Quincy were: E. F. Kelly, Samuel C. Henry, Samuel Shikolnik, Carl Weeks. The following officers were elected: *President*, Howard H. Zorn, Springfield; *First Vice-President*, Edward J. Merriman, Joliet; *Second Vice-President*, Joseph Allegrette, Chicago; *Third Vice-President*, W. E. Brown, Quincy; *Secretary*, William B. Day, Chicago; *Treasurer*, A. W. Reinhardt, Rockford.

LOUISIANA.

Endorsement was given to a fair trade act, to be introduced in the next legislature. The following officers were elected: *President*, A. J. Bourdreaux, Opelousas; *Vice-Presidents*, Joseph Clesy, New Orleans; M. Kirtley, Washington; Henry Richardson, Shreveport, Eugene Voght, Ferriday; John E. Guess, Hammond; Roy Bridges, Alexandria; *Recording Secretary*, Joseph H. Berner, New Orleans; *Corresponding Secretary*, Paul Weilbacher, New Orleans; *Treasurer*, Elmo D. Ciro, New Orleans.

TEXAS.

Texas Pharmaceutical Association elected the following officers:

President, C. C. Harris, Houston; *First Vice-President*, B. B. Brown, Dallas; *Second*

Vice-President, Festus A. Pierce, Corsicana; *Secretary-Treasurer*, W. J. Danforth, Fort Worth. *Members of the Executive Committee*: Henry F. Hein, San Antonio; E. B. Oliver, Longview; Shine Phillips, Big Spring; Murray Thames, Beaumont; Roy Pool, Amarillo.

Secretary Walter D. Adams was elected editor of *Texas Druggist* and the publication was changed from a quarterly to a monthly.

Among the speakers of the convention were Charles E. Turner, Mayor of Dallas for a number of terms and a former druggist, now finance director for the Texas Centennial Central Exposition; Representative R. L. Reader, H. L. Chichester, Macon, Ga., N. A. R. D. vice-president, and Tom Roach of Oklahoma City.

The Veteran Druggists' Association held its annual session, presided over by President A. H. Seely.

WEST VIRGINIA.

West Virginia Pharmaceutical Association held its annual meeting at Parkersburg, June 17th and 18th. Among the speakers scheduled were R. L. Swain, John Dargavel and State Senator G. O. Young.

FLORIDA.

The Florida Pharmaceutical Association was successful in point of attendance and program. A feature of the convention was the University Hour and tribute to Dr. James H. Beal.

The following officers were elected: *President*, Victor Wray, Haines City; *First Vice-President*, George Taylor, Miami Beach; *Second Vice-President*, George H. Grommet, Miami; *Third Vice-President*, R. L. Gaddy, Tallahassee; *Secretary-Manager*, Max S. Adler, Tampa; *Place of Meeting*, West Palm Beach. Time, 1936.

A speaker of the convention was **Dr. Robert C. Wilson**, dean of the School of Pharmacy, University of Georgia, on the subject of "The Sale of Drugs in Drug Stores." Other speakers were Drs. P. A. Foote, Townes R. Leigh, C. G. Hamilton and B. V. Christensen.

The words of tribute honoring Dr. James H. Beal were delivered by H. C. Shuptrine, a former president of the N. A. R. D. An honorary life membership in the Florida Pharmaceutical Association and a beautiful desk set were presented to the honored guest who responded in expressions of appreciation and gratitude.

GEORGIA.

The following officers were elected by Georgia Pharmaceutical Association:

President, R. Lee Olive, Augusta; *First Vice-President*, H. S. Peters, Manchester; *Second Vice-President*, J. W. Brinson, Wrightsville; *Third Vice-President*, W. W. Fincher, Canton; *Secretary-Treasurer*, Z. O. Moore, Atlanta. Macon was selected as the convention city in 1936.

A resolution was passed expressing regret because of the absence of W. S. Elkin, Jr.

H. S. Noel and John W. Dargavel were among the speakers of the convention.

Expression of appreciation was given to the AMERICAN PHARMACEUTICAL ASSOCIATION and Secretary E. F. Kelly, for their part in the National Drug Trade Code; also, to Secretary John W. Dargavel who was present at the meeting and appreciation was expressed because of the service rendered by that organization.

NORTH CAROLINA.

Dr. Howard E. Rondthaler, President of Salem College, Winston-Salem, was one of the principal speakers at the annual meeting of North Carolina Pharmaceutical Association. His address was well received and devoted largely to the interests of North Carolina and neighbor states. Tribute was paid to F. W. Hancock, veteran Oxford druggist, who has attended fifty-four out of the fifty-six conventions of North Carolina Pharmaceutical Association. W. C. Porter, an uncle of O. Henry, made a brief address. The following officers were elected:

President, R. A. McDuffie, Greensboro; *First Vice-President*, W. C. Ferrell, Nashville; *Second Vice-President*, E. C. Adams, Gastonia; *Third Vice-President*, R. P. Rogers, Durham; *Secretary-Treasurer*, J. G. Beard, Chapel Hill;

Members of the Executive Committee: J. C. Hood, Kinston; I. W. Rose, Chapel Hill; E. E. Thomas, Roxboro.

SOUTH CAROLINA.

Timely addresses were features of the South Carolina convention. Among the speakers of the convention were H. S. Noel, D. W. Daniel of Clemson College, and J. H. Landess of Memphis.

The following officers were elected for the ensuing year: *President*, V. F. Platt, Conway; *First Vice-President*, L. A. Melchers, Jr., Charleston; *Second Vice-President*, P. C. McCollum, Clemson College; *Third Vice-President*, T. H. Turner, Columbia; *Secretary-Treasurer*, J. M. Plaxco, Due West.

Myrtle Beach was chosen for the convention city in 1936.

(To be continued.)

NATIONAL DRUG CODE AUTHORITY.

The former members of the National Drug Code Authority met June 8th, for the purpose of taking steps to wind up the affairs of that organization. There were present: J. A. Goode, Wheeler Sammons, J. W. Dargavel and E. F. Kelly. The accounts of the organization were submitted for proper audit.

The files, records and papers of the Authority were turned over to Secretary E. F. Kelly for a period of one year and then to the American Institute of Pharmacy for such historical use as can be made of them.

Liberty is taken in quoting from *Drug Topics*, of June 10th, by R. L. Swain.

"(NRA) has made a lasting contribution to decent business and public morals. The codes, imperfect as they were, recognized the necessity of team-work and coöperation. Business has learned that good wages, humane hours and fair attitude toward competitors are not only attainable but highly desirable. NRA has added vastly to the heart and soul of business as a whole. It has been a boon to retail pharmacy.

"What are the facts? First of all, the code recognized the need for price stabilization in the drug field. The cost definition was the very principle which decent business fought for in the Capper-Kelly Bill, and it is the identical principle underlying the Fair Trade acts. This open recognition on the part of the government is a priceless gain.

"Then, too, the code proved that reasonable price regulation is in the interest of the consumer. Drug products declined in price under the code. A legitimate profit can be made without adding to the cost of living and is beneficial to all. The cost definition is complete proof that price stabilization is sound business practice."

The wholesale group, on December 6th, conferred with the Federal Trade Commission for the purpose of studying practices that are the major causes of unfair and unethical competition. (See December JOURNAL, 1934, page 1252.) Reference is made because the discussion emphasized principles that are basic in fair practice.

UNIVERSITY OF MARYLAND SCHOOL OF PHARMACY.

The following completed their work in the Graduate School of the University of Maryland and were awarded the Doctor of Philosophy degree: Samuel W. Golstein, L. Lavan Manchey, Emanuel Veritus Shulman and Frank J. Slama. They have been members of the teaching staff of the School of Pharmacy.

Two former graduates of the School of Pharmacy were honor men in the School of Medicine—George Frederick Schmitt, Jr., received the University Prize Gold Medal; Edward Francis Cotter received the second Certificate of Honor and the Dr. A. Bradley Gaither Memorial Prize for the best work in genito-urinary surgery during the senior year. Fourteen other members of the graduating class of the School of Medicine were graduate pharmacists. The Master of Science degree was conferred on Charles F. Brueing and Louis L. Sherman, who completed the major part of their work in the School of Pharmacy. Governor Nice of Maryland was the principal speaker at the commencement exercises of the University. The degree of Doctor of Laws was conferred on the Governor.

A large bequest to the University of Maryland Medical School was made in the will of the late Dr. Frank P. Bressler of Baltimore. The sum is estimated at considerably over \$1,000,000.00.

DUQUESNE UNIVERSITY.

Dr. H. V. Army, dean of the College of Pharmacy of Columbia University, was guest speaker at Duquesne University School of Pharmacy. The subject of his address was entitled "Five Times Ten Years in Pharmacy,"

in which he gave a short résumé of the personalities and the work of former presidents of the AMERICAN PHARMACEUTICAL ASSOCIATION and a pithy exposition of true professional pharmacy as it is, as it can be and as it should be in the days that are to come.

An oil painting of Dean Hugh C. Muldoon was presented by the students and graduates and accepted by President Callahan.

CORVALLIS SCHOOL OF PHARMACY.

Oregon State Daily Barometer, of May 24th, devotes the greater part of a page to the School of Pharmacy, its dean, faculty and activities.

TEMPLE UNIVERSITY.

Temple University, Philadelphia, has announced the establishment of a biological field station at Quaker Bridge, N. J., for the use of Summer school students taking courses in field botany and field zoölogy, sessions will continue until August 9th.

OKLAHOMA PHARMACY ALUMNI ELECT OFFICERS.

Jess W. Stunkle, of Enid, has been elected president of the Oklahoma Association of Graduate Pharmacists, to succeed Everett E. Duncan, who was recently elected president of the Oklahoma State Pharmaceutical Association.

Other officers are C. V. Nichols, of Anadarko, and Leonard Reynolds, of Tulsa, *Vice-Presidents*; Mrs. J. E. Wyly, Spavinaw, *Secretary*, and Guy Scroggs, Tulsa, *Treasurer*.

Members of the executive council are the officers and Miss Ina Griffith, Apache; James Hamilton, Holdenville; R. H. Mays, Duke; E. E. Duncan, Oklahoma City; G. M. Pearce, Drumright; Harlan Fuller, Minco, and John Helvey, Lawton.

THE COPELAND BILL.

The Senate passed the Copeland Bill. It has been referred to the Interstate and Foreign Commerce Committee of the House of which Congressman Sam Rayburn is the chairman. The latter has stated that if no substantial opposition to the bill develops, the committee will take it up.

HOTEL RATES AT PORTLAND.

The rate at Multnomah for one person is \$2.50 and up, shower bath; tub \$5.00; two persons, \$4.00 and \$8.00. The Imperial has a

rate from \$1.50 up. Garage service \$3.00 per week. Among other large hotels are: Benson, Carlton, Congress, Heathman, Mallory, New Heathman and Portland.

James L. O'Neill, a vice-president of the Guaranty Trust Company of New York,

has assumed the office of Administrator of the new NRA. He started work as an office boy with Bradstreet, for twenty-two years he was with Carnegie Steel Company and became associated with the Guaranty Trust Company in 1918.

NOTICE TO CONTRIBUTORS TO THE JOURNAL AMERICAN PHARMACEUTICAL ASSOCIATION.

The following notice has been prepared from comments received from members of the Board of Review of Papers and of the Publication Committee.

Manuscripts should be sent to Editor E. G. Eberle, 2215 Constitution Ave., N. W., Washington, D. C.

All manuscripts should be typewritten in double spacing on one side of paper 8¹/₂ x 11 inches, and should be mailed in a flat package—not rolled. The original (*not* carbon) copy should be sent. The original drawings, not photographs of drawings, should accompany the manuscript. Authors should indicate on the manuscript the approximate position of text figures. All drawings should be marked with the author's name and address.

A condensed title running page headline, not to exceed thirty-five letters, should be given on a separate sheet and placed at the beginning of each article.

The method of stating the laboratory in which the work is done should be uniform and placed as a footnote at end of first page, giving Department, School or College. The date when received for publication should be given.

Numerals are used for figures for all definite weights, measurements, percentages, and degrees of temperature (for example: 2 Kg., 1 inch, 20.5 cc., 300° C.). Spell out all indefinite and approximate periods of time and other numerals which are used in a general manner (for example: one hundred years ago, about two and one-half hours, seven times).

Standard abbreviations should be used whenever weights and measures are given in the metric system, *e. g.*, 10 Kg., 2.25 cc., etc. The forms to be used are: cc., Kg., mg., mm., L. and M.

Figures should be numbered from 1 up, beginning with the text-figures (line engravings are always treated as text-figures and should be designated as such) and continuing through the plates. The reduction desired should be clearly indicated on the margin of the drawing. All drawings should be made with India ink, preferably on white tracing paper or cloth. If coordinate paper is used, a blue-lined paper must be chosen. Usually it is desirable to ink in the large squares so that the curves can be more easily read. Lettering should be plain and large enough to reproduce well when the drawing is reduced to the width of a printed page (usually about 4 inches). Photographs intended for half-tone reproduction should be securely mounted with colorless paste.

"Figure" should be spelled out at the beginning of a sentence; elsewhere it is abbreviated to "Fig.;" per cent—2 words.

The expense for a limited number of figures and plates will be borne by the JOURNAL; expense for cuts in excess of this number must be defrayed by the author.

References to the literature cited should be grouped at the end of the manuscript under the *References*. The citations should be numbered consecutively in the order of their appearance (their location in the text should be indicated by full-sized figures included in parentheses). The sequence followed in the citations should be: Author's name (with initials), name of publication, volume number, page number and the date in parentheses. Abbreviations for journals should conform to the style of *Chemical Abstracts*, published by the American Chemical Society.

(1) Author, A. Y., *Am. J. Physiol.*, 79, 289 (1927).

Papers presented at the Sections of the AMERICAN PHARMACEUTICAL ASSOCIATION's annual meeting become the property of the ASSOCIATION and may at the discretion of the Editor be published in the JOURNAL. Papers presented at these Sections may be published in other periodicals only after the release of the papers by the Board of Review of Papers of the JOURNAL OF THE AMERICAN PHARMACEUTICAL ASSOCIATION.

The Editor will appreciate comments from Board of Review and Committee on Publication, members, authors and others interested.