

THE DEPARTMENT OF THE AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY

C. B. JORDAN—CHAIRMAN OF EXECUTIVE COMMITTEE, A. A. C. P., EDITOR OF THIS
DEPARTMENT.

SUMMARY OF THE PROCEEDINGS OF THE 1935 MEETING.

The thirty-sixth annual meeting of the American Association of Colleges of Pharmacy was held at the Multnomah Hotel, Portland, Oregon, Aug. 5 and 6, 1935. Eighty-nine delegates from 38 member-colleges were in attendance. Staff members from several non-member colleges in the United States and Canada were present at some of the sessions.

ADDRESS OF THE PRESIDENT.

President Little emphasized the necessity of colleges going forward and outlined the following procedure: "(1) Careful and conservative selection of students; (2) Stressing professional training in undergraduate work; (3) Adequate training and advice as to how these possibilities of professional service can best be realized following graduation; (4) Enlisting our services in promoting coöperative endeavor between physicians, dentists and pharmacists, thus increasing their mutual effectiveness in behalf of public health." He discussed the question of practical experience and urged the adoption of some policy as early as possible. Graduate work should be developed in a conservative manner. His recommendations were referred to the Committee on Resolutions.

REPORT OF THE SECRETARY-TREASURER.

Secretary Cooper reported a membership of 54 colleges with one in arrears for dues. Distribution of Proceedings during the year was unusually wide. The balance on hand was \$1053.08.

The report was accepted and a committee appointed to audit the accounts which committee reported them correct.

REPORT OF THE EXECUTIVE COMMITTEE.

Chairman Jordan, of the Executive Committee, submitted the following summary of preliminary training of entering students in member-colleges.

Total number entering for the year 1934-1935	2174
Number of high school graduates	2169
Number of special students	15
Number that had previous college training	600

This is an increase of nearly 10 per cent over the number entering in 1933-1934. Students with previous college training represented 27.6 per cent of the number entering. Inasmuch as the 1934 meeting was in May, graduates were reported for two years.

COLLEGE YEAR, 1933-1934.

Number receiving degrees from 3-year courses	1146
Number receiving degrees from 4-year courses	714
Total number completing 3- and 4-year courses	1860
Advanced degrees awarded:	
Master of Science	27
Doctor of Philosophy	11
Honorary degrees:	
Doctor of Science	1
Doctor of Philosophy	1

COLLEGE YEAR, 1934-1935.

Number receiving degrees from 3-year courses	314
Number receiving degrees from 4-year courses	550
Total number completing 3- and 4-year courses (including 9 duplicates)	864
Advanced degrees awarded:	
Master of Science	31
Doctor of Philosophy	8
Honorary degrees	4

Comparison of the two years cannot be made because the figures for 1934-1935 are incomplete, but it is obvious that graduates are much fewer than in 1933-1934.

Quoting from the report of the second series of visits to member-colleges, Dean Jordan showed that there was much to be commended but he directed attention to three conditions that need correcting: lack of adequate budgets, inadequate libraries and library facilities, and too heavy teaching loads.

Announcement was made that the Association had been accepted as an associate society of the American Association for the Advancement of Science.

The Committee recommended some minor revision of by-laws, all of which were adopted.

The Committee recommended that schools that had resigned from membership and that had since announced the time when they will not admit students to a course of less than four years be invited to participate in the discussions of the Association and that, if they accept the invitation, copies of the Proceedings and all official communication to member-colleges be sent to them.—*Adopted.*

Report of the Syllabus Committee.—Dean Beard reported for his Committee and expressed the hope that the three sponsoring bodies will leave to the judgment of the Committee the time of issuing the next revision.—*Accepted.*

Report of the Delegate to the American Council on Education.—Dr. Lyman reported concerning the work of the Council and that there had been an increase in membership and an increase in grants from the General Education Board for the support of the Council's work.—*Accepted.*

Report of the Committee on Educational Standards.—Chairman Spease, of the Committee, discussed the overlapping of the work of this Committee and the Committee on Membership Standards, the reasons for requiring executive officers to be pharmacists and the advisability of requiring students to spend four years in a college of pharmacy.—Report received and recommendations referred to the Committee on Resolutions.

Report of the Committee on Curriculum and Teaching Methods.—Dean Wilson reported that the Committee had considered some matters relative to courses in botany that had been referred to it at the 1934 meeting.—Recommendations referred to the Committee on Resolutions.

Report of the Committee on Relation of Boards and Colleges.—General Chairman D. B. R. Johnson, presented a number of resolutions that had come from the districts that held meetings. The report was received and at a later session the recommendations were referred to the Executive Committee.

Report of the Committee on Libraries.—Chairman Lee, of the Committee, submitted much valuable data gathered from the replies to a questionnaire.—Report accepted and the recommendations referred to the Committee on Resolutions.

Report of the Committee on Problems and Plans.—Chairman Lyman, of the Committee, stated that the work of the year had been to get the reaction of outstanding men concerning the studies that should be undertaken first. These with other suggestions by the Committee were discussed.—Report accepted and the recommendations referred to the Committee on Resolutions.

Report of the Committee on the Establishment of a Pharmaceutical Corps in the United States Army.—In the absence of Chairman Leigh, the report was read by Vice-Chairman DuMez.—Report accepted and the recommendations referred to the Committee on Resolutions.

Report of the Committee on the List of Crude Drugs Prepared by District No. 2.—Chairman Youngken, reported extensive study made by members of his Committee which included one

person from each district.—Report accepted and the recommendations referred to the Committee on Resolutions.

Report of the American Council on Pharmaceutical Education.—Dean DuMez reported that the work of formulating standards would be started at once and assignments of work would be out shortly after schools opened.—*Accepted.*

REPORTS OF OTHER COMMITTEES.

A number of reports that contained no recommendations were received. Professor Schick's report for the Committee on Activities of Students and Alumni contained many valuable suggestions.

Special committees reporting without recommendations were the following: Committee on Student Branches of the AMERICAN PHARMACEUTICAL ASSOCIATION, Professor Webster; Committee on Food and Drug Legislation, Dean Jordan.—*Accepted.*

Though not inactive the Committee on Membership Standards had nothing ready to report.

For the Committee on Code Matters, Chairman Rudd reported "Died, buried, forgotten," and the report was accepted.

REPORTS OF SPECIAL REPRESENTATIVES.

Dr. Youngken reported on Biological Abstracts, Dr. Rising for the representatives to the National Conference on Pharmaceutical Research, Professor Hayman for the representatives to the National Drug Trade Conference, Dean McCloskey as representative to the National Association of Retail Druggists.—*Reports accepted.*

REPORT OF THE COMMITTEE ON RESOLUTIONS.

The Committee on Resolutions, consisting of Dean Wilson, *Chairman*, Professor Stuhr, Professor Eby, Dean Mollett and Dean O'Connell, submitted the following report:

From the President's address:

"1. We recommend that all matters relating to apprenticeship be referred to the Executive Committee with a request for proper consideration and report at the 1936 meeting."—*Adopted.*

"2. We recommend that the Committee on Curriculum and Teaching Methods be requested to compile all available material on curricula and present it at the 1936 meeting for proposal as an 'ideal pharmaceutical college curriculum.'"—*Adopted.*

"3. We recommend that the matter of publishing all of the past presidential addresses be referred to the Executive Committee."—*Adopted.*

"4. We recommend that the Committee on Food and Drug Legislation be continued."—*Adopted.*

"5. We recommend the appointment of a Committee on Professional Relations with duties as outlined by the President to consider the possibility of joint meetings of the A. M. A. and A. Ph. A. in the future."—*Adopted.*

"6. We recommend the appointment of a special committee on pharmacy aptitude tests."—*Adopted.*

From the report of the Committee on Curriculum and Teaching Methods:

"1. We recommend that the Syllabus Committee on the occasion of the next revision of the Syllabus be requested to incorporate an outline for a course in pharmaceutical botany in addition to the outline for a general course."—*Adopted.*

"2. We recommend that the revision of the Syllabus in the future be on a decennial basis and contemporary with the issuance of the U. S. P. and N. F."—*Adopted.*

From the Report of the Committee on Problems and Plans:

"1. We recommend that the Committee on Problems and Plans with the addition of Secretary Cooper be authorized to ascertain the cost and feasibility and desirability of the publication of a quarterly journal to be known as the American Journal of Pharmaceutical Education, the report to be made at the next annual meeting."—*Adopted.*

"2. We recommend that Secretary Cooper be requested to write Dr. H. B. Ward a letter of appreciation for the assistance he has rendered pharmacy as Secretary of the American Association for the Advancement of Science."—*Adopted.*

From the Report of the Committee on Educational Standards:

"1. We recommend that the Committee on Educational Standards and the Committee on Membership Standards be combined under the name, 'The Committee on Educational and Membership Standards.'"—*Adopted.*

The following recommendation, offered as a substitute for that of the Committee, was adopted:

"2. We recommend that it be the sense of the Association that in case of appointments to administrative positions in colleges of pharmacy, other things being equal, preference be given to men who have had pharmaceutical training."

The recommendation having to do with the length of time that a student must spend in a college of pharmacy, which was disapproved by the Committee on Resolutions, after much discussion, was tabled. Immediately thereafter a motion prevailed that the whole matter be referred to the Executive Committee for its consideration, report to be made at the 1936 meeting.

From the Report of the Committee on Libraries:

"We recommend that the Committee on Libraries be continued and their recommendations approved."

The recommendations referred to are:

"1. That the American Association of Colleges of Pharmacy make detailed studies and reports upon the following items concerning pharmacy libraries:

"(a) A minimum periodical and journal list.

"(b) A minimum list of standard reference books covering the fields of pharmacy, chemistry, materia medica, etc.

"(c) The qualifications of school librarians.

"(d) The extent and scope of so-called library courses as listed in the catalogs.

"(e) The feasibility of effecting exchanges of duplicate library material for the benefit of all the libraries."

"2. That in the reappointment of this Committee, it be given a tenure of at least three years."—*Adopted.*

From the Report of the Committee on the List of Drugs Submitted by District No. 2:

"1. That the American Association of Colleges of Pharmacy is not in favor of restricting the teaching of drugs in its member-colleges to any arbitrarily drafted list nor does it approve of any scheme of elimination except by extensive national survey.

"2. That we recommend to the National Association of Boards of Pharmacy that the scope of examinations on drugs given by all state boards of pharmacy should embrace the U. S. P. and N. F. drugs and that questions pertaining to the N. N. R. and other unofficial products should be left to the discretion of the respective boards who are in position to determine the frequency of use and decide on the importance of the medicinals prescribed in the particular district concerned."

"In the judgment of the Committee on Resolutions, the two recommendations constitute a matter for consideration in a joint meeting of the Boards and Colleges and the Committee so recommends."—*Adopted.*

From the Committee on the Establishment of a Pharmaceutical Corps in the United States Army:

"1. That the Committee be continued, that it be instructed to continue its efforts to effect improvement in the pharmaceutical service in the Army and to obtain the recognition therein for pharmacy of the status to which it is entitled by virtue of the traditions and the useful service which it is prepared by education and training to render.

"2. That the Committee be instructed to cooperate with the Surgeon General in obtaining the passage of legislation which will bring about the substance of Recommendation No. 1.

"If the objective as stated in No. 1 cannot be attained by this procedure, it is recommended:

"3. That the Committee be instructed to obtain the desired improvement in pharmaceutical service and its concomitant recognition in the Army by direct appeal to Congress."

As summarized by the Committee on Resolutions,

"We recommend that the Committee on the Establishment of a Pharmaceutical Corps in the United States Army be continued and instructed to use its best judgment in securing proper recognition for pharmacy in the United States Army."—*Adopted.*

"The following resolution originated in the joint meeting of the Boards and Colleges:

"That a committee be appointed to consider jointly with a similar committee from the N. A. B. P. the character of the examination questions given by examining boards and colleges and to present a report at a subsequent joint meeting of the Boards and the Colleges."—*Adopted.*

The following resolution was offered by Dr. Lyman and modified by Dean Bradley.

"That we recommend to the Council of the AMERICAN PHARMACEUTICAL ASSOCIATION that our annual meeting be held either during the third or fourth week of August."—*Adopted.*

The following resolution was offered by Dr. Rudd.

"WHEREAS, The work of the American Association of Colleges of Pharmacy has increased to such an extent that its sessions are hopelessly prolonged with committee reports and other highly important business, and

"WHEREAS, More time for full discussion would make our meetings more interesting and instructive, *be it*

"Resolved, *First*, that the Executive Committee use its best efforts to have all committee reports limited to not more than ten minutes, except in unusual cases; *second*, that more time be arranged for discussions."—*Adopted.*

PAPERS.

Dr. Lee and Dr. DeKay presented a paper on "The Four-Year Course in Pharmacy" which brought out the changes and trends that are evident since 1929 when they made a similar study.

Two papers which were directly connected with the work of the Committee on Problems and Plans were presented: "Objective Tests" by Dr. DeKay with sample questions on qualitative analysis and "Objectives and Achievement Tests" by Dr. Klemme with sample questions on organic chemistry.

A third paper, "The Teaching of Bacteriology to Pharmacy Students," was presented by Dr. Reddish.

ANNUAL DINNER.

The guest speaker at the annual dinner was Dr. E. H. Lauer, Dean of Faculties, at the University of Washington.

NEW MEMBER-COLLEGE.

The Executive Committee recommended that the application of the Connecticut College of Pharmacy for membership be accepted. The vote, completed by mail since the convention, gave more than the necessary two-thirds majority.

OFFICERS FOR 1935-1936.

President: Robert C. Wilson, Athens, Georgia.

Vice-President: Homer C. Washburn, Boulder, Colorado.

Secretary-Treasurer: Zada M. Cooper, Iowa City, Iowa.

Chairman of Executive Committee: Charles B. Jordan, La Fayette, Indiana.

Members of the Executive Committee (to serve two years): Ernest Little, Newark, New Jersey; Rufus A. Lyman, Lincoln, Nebraska.

Member of the Syllabus Committee: Henry A. Langenhan, Seattle, Washington.

JOINT SESSION.

The report of the Fairchild Scholarship Committee was presented by Chairman Eberle. The winner was Mr. Zienty who was graduated in June from the University of Illinois College of Pharmacy.

Dr. Lemon presented a paper, "Examination Questions, Both College and Board Questions." Dr. Fischelis talked briefly on "The Possibilities and Limitations of Coöperation between Boards of Pharmacy and Colleges of Pharmacy."

Dean D. B. R. Johnson read a report which included resolutions coming from various district meetings. The report was received and the resolutions referred to the Committees on Resolutions of the individual bodies.

CONFERENCE OF TEACHERS OF PHARMACY.

The program consisted of a discussion of "Pharmaceutical Technique as Described in the Syllabus." Officers elected for the ensuing year were Dean E. T. Motley, *Chairman*; Dean R. C. Wilson, *Vice-Chairman*; Dr. C. O. Lee, *Secretary*.

CONFERENCE OF TEACHERS OF CHEMISTRY.

In the absence of Chairman Jacobs, Dr. Uhl presided.

Two papers were read and discussed: "Instruction about Synthetics" by Dr. Lynn and "The Teaching of Food and Drug Analysis" by Professor Glover.

Officers elected for the ensuing year were: *Chairman*, Dr. A. H. Uhl; *Secretary*, Dr. Lewis C. Britt.

CONFERENCE OF TEACHERS OF PHARMACOGNOSY AND PHARMACOLOGY.

In the absence of Chairman Schwarz, Dean Mollett presided.

"Pharmacology: Definition and Scope of the Course for Pharmacy Majors" was discussed by Dr. Burlage and Dr. Serles.

A paper, "Should the Term *Materia Medica* Be Deleted from Our Catalogs and from State Board Examinations" was presented by Dean Mollett.

Dr. Bacon discussed "Should Undergraduate Students in Pharmacy Do Animal Experimentation or Should the Course Be Taught by Demonstrations," showing a moving picture of the pharmacology of digitalis in connection with his discussion.

"Biological Assays for Undergraduate Students" was discussed by Dean D. B. R. Johnson.

"Correlation of Courses in Pharmacology and Physiology" was discussed by Dr. Dickinson.

The following papers were read by title: "Pharmacology as Basis for Improving Relations with Physicians," Dr. B. V. Christensen; "Suggestions for a Course in Botany for Pharmacy Students," Dr. Bienfang; "A Study of the Records of the Same Class in Botany and Pharmacognosy," Dr. Dunn; "The British Pharmacognosy Syllabus," Dr. Bienfang; "The Content of a Pharmacognosy Course," Professor Fiero.

Officers elected for the ensuing year were *Chairman*, Dean C. E. Mollett; *Secretary*, Dr. Ralph Bienfang.

CONFERENCE OF TEACHERS OF PHARMACEUTICAL ECONOMICS.

In the absence of Chairman Olsen, Dean McCloskey presided.

The following topics were discussed: "Trends in Drug Store Profits, 1932, 1933, 1934," "Accounting Records Necessary and Desirable in Drug Stores," "The Operation of State Fair Trade Acts for Re-sale Control."

Officers elected for the ensuing year were *Chairman*, Dean J. F. McCloskey; *Secretary*, Dean W. H. Rivard.

ZADA M. COOPER, *Secretary*.

Approved: Charles B. Jordan, *Chairman*, Executive Committee.

We are in receipt of a monograph on "The Leech Monopoly in Croatian Slavonica," by Prof. Dr. A. Vrgoc (Zagreb), published in 1935, in *Apothekarskog Vjesnikas*. We thank the author.

We are also indebted to Dr. Antun Vrgoc for a copy of his *Pharmacognosy and Commentary on the Jugoslavian Pharmacopœia*, published in Croatian. The author has autographed the volume which contains very nearly 400 illustrations, more than 500 pages of text and includes a useful drug map of Jugoslavonica. The citation of literature covers two pages. The volume is a valuable addition to the Library and appreciation is expressed to the author.

We are in receipt of a reprint from *Berichte*

of the German Pharmaceutical Society dealing with investigations of the leaves of interesting members of polyodiaceæ—from the pharmaceutical Institute of the University of Basel.

The Philadelphia College of Pharmacy and Science has donated a copy of "Popular Science Talks," Volume XII. The volume contains the following addresses:

"The Herbs and the Stars," by Charles H. LaWall; "Conquest of the Planet Earth," by George Rosengarten; "Living Light," by Arno Viehoever; "Tooth Truths," by Ivor Griffith; "Free Air," by Arthur Osol; "Famous Finds by Pharmacists," by John Kramer; "The History and Romance of Microscopy," by Louis Gershenfeld; "Silver, Metal of the World," by Clifton C. Pines.