

THE AMERICAN ASSOCIATION OF COLLEGES OF PHARMACY

ABSTRACT OF THE PROCEEDINGS.

The fortieth annual meeting of the American Association of Colleges of Pharmacy was held at the Biltmore Hotel, Atlanta, Ga., August 21 and 22, 1939. One hundred and fifty-one representatives from 51 member-colleges were in attendance. Representatives of at least ten other colleges were present at the sessions.

President Serles, at the opening of the first session, paid tribute to those staff members who had passed away during the year: Dean William B. Day, Professor Clyde M. Snow and Dr. Leonard D. Powers of the University of Illinois and Dr. A. P. McLean of the University of Oklahoma. Prayer was offered by Dr. T. W. Ayers of Atlanta.

President Serles made the following appointments: Committee on Resolutions: James M. Dille, *Chairman*, William A. Jarrett, Justin L. Powers, William J. Husa and Ivor Griffith; Auditing Committee: Elmer L. Hammond, *Chairman*, Adley B. Nichols, Charles E. F. Mollett; Nominating Committee: J. Grover Beard, *Chairman*, Charles H. Stocking and George W. Hargreaves.

ADDRESS OF THE PRESIDENT.—“President Serles pointed out that all colleges in the Association have a common purpose: ‘to instruct the youth in the fundamental principles of the profession of Pharmacy and the extension of our service in public health measures to the uttermost parts of the earth.’ To do this three fundamental principles must be adhered to, namely, careful selection of teachers, adoption of curricula whose subject matter insures the average student a reasonable degree of success in the profession and the selection of students. Satisfactory students can be obtained by practicing the profession in such a manner that it will command the respect of the community; by keeping the quality of instruction on a parity with instruction in other scientific fields; by putting pharmaceutical service on a plane of scientific reality. He urged pharmaceutical educators to assume their share of responsibility toward the United States Pharmacopœia, and directed attention to the importance of proper financial support for schools and colleges. Three general sources of revenue were mentioned and all colleges were urged to fully utilize the opportunities at hand.

Drug plant cultivation is a possible source of research funds. Colleges located in land grant institutions should investigate the possibility of aid for further study of medicinal plants. Similarly, close affiliation with state associations, boards of pharmacy and allied professions may assist in the extension of distributive education for the benefit of retail pharmacists and so lead directly to the door of opportunity.

He directed attention to the coming panel discussion on the topic of professional relations and expressed the hope that inter-professional work may become national in scope, and discussed the work of the American Council on Pharmaceutical Education, especially as it may affect the American Association of Colleges of Pharmacy.”

His address was received with thanks and his recommendations were referred to the Committee on Resolutions.

At the close of the last session, the Association gave Dean Serles a rising vote of thanks in “appreciation of his splendid service.” In the words of Dean Griffith, “In silentia he has done a great job, and in wielding the gavel and his mind in public, here with us, he has done a consummate job.”

REPORT OF THE SECRETARY-TREASURER.—Secretary-Treasurer Cooper reported a membership of 57 colleges and a balance of \$2766.14 in the checking account. The special fund has \$1914.57 in a savings account and government bonds with a par value of \$3000.00.

The report also submitted figures concerning the cost of publication of the *American Journal of Pharmaceutical Education*.

It was accepted and the auditing committee, Dean Charles E. F. Mollett, Chairman, reported that the accounts were found to be correct.

REPORT OF THE EXECUTIVE COMMITTEE.—Dean Little, Chairman of the Executive Committee, submitted statistics concerning enrollment in beginning classes for the college year 1938-1939. The total was 2788, an increase of 23.3 per cent over the number for the previous

year. This increase was partly due to the inclusion of five more colleges. Eliminating the students of those five colleges the percentage of increase was 11.5 per cent. There were 397 women among the entering students, representing a percentage of 14.3, a slight increase over the previous year. The total enrollment in all classes, including special and graduate students was 7588. It is worthy of note that almost 30 per cent of the entering students had had previous college training. Of these 81 already had academic degrees.

Following is a summary of information concerning those who were graduated:

Graduates receiving B.S. degree	1427	Honorary degrees	7
Advanced degrees	45	Master of Pharmacy	2
Master of Science	36	Master of Science	2
Doctor of Philosophy	9	Doctor of Pharmacy	1
		Doctor of Science in Pharmacy	1
		Doctor of Science	1

The report discussed the need for financial aid for pharmaceutical education and allied activities, pointing out several things which would benefit from financial help.

It was suggested that an association of pharmaceutical editors might increase efficiency of our press.

The report discussed the work being done by the various committees and by the four teachers' conferences, showing that together their work constitutes a well-organized long term program.

Members of the Executive Committee believe that the future will "demonstrate a greater need for an active virile American Association of Colleges of Pharmacy than has ever before existed."

The discontinuance of the University of Notre Dame Department of Pharmacy was reported.

During the year it had been suggested to the Committee that a committee be appointed to prepare a pamphlet outlining the opportunities in the general field of Pharmacy, for distribution among high school seniors. (This was not a recommendation but the Executive Committee thought well enough of the suggestion to approve the selection of such a committee.)

The report of the Executive Committee was accepted and its recommendations acted upon individually.

1. That a requirement be added to the By-Laws, to the effect that representatives of the American Association of Colleges of Pharmacy on the American Council on Pharmaceutical Education be appointed by the Executive Committee. This recommendation was adopted.

2. That the By-Laws be so amended that no college of pharmacy can be admitted to membership in or continue to be a member of the American Association of Colleges of Pharmacy after July 1942 unless it is accredited by the American Council on Pharmaceutical Education. This recommendation was received, to be voted on at the 1940 meeting.

3. That the By-Laws be amended by deleting paragraph 5 of Article I which reads "it shall be the duty of the Executive Committee or a sub-committee working under it to check the current catalogues or bulletins of each member college that fails to meet the requirements of Article VII, Section 7, paragraph 4 (similar to Article VIII, Section 3, paragraph e. (1) of the present By-Laws). This recommendation was adopted.

REPORT OF THE COMMITTEE ON CURRICULUM AND TEACHING METHODS.

—Dr. Burlage, Chairman, reported that the Committee had undertaken to make a survey of the time allotments for the various groups of subjects that have been generally recognized as essential in a curriculum.

A great amount of material which will be useful to the Syllabus Committee was collected and it had been tabulated and is included in the report. Some facts are noteworthy. There is a wide variation between minimum and maximum hours offered in the important foundational groups. The wide variation would seem to indicate the importance of *required* minimum standards.

A comparison was made of average clock hours offered in the two- and three-year courses which have been discontinued and the four-year course which is now obligatory. This table reveals that there has been an increase in the averages from the two-year to the three-year to the four-year course. Averages for cultural subjects indicate that most schools are providing broader

curricula, substantiating a basic argument for instituting the four-year minimum course. Importance of commercial subjects is emphasized. The average of the total hours probably is a good index of the required minimum to be established in a single group.

Following the reading of the report, Dean Jordan commented that this study of time allotments was in part at his request. As chairman of a committee selected by the Executive Committee to study this subject it had been necessary to have this information, for some boards of pharmacy had questioned whether as much time is being given to Pharmacy itself at the present time as had been given when the shorter courses were in force. These statistics prove conclusively that hours devoted to courses in Pharmacy have been materially increased. The report was accepted.

REPORT OF THE DELEGATE TO THE AMERICAN COUNCIL ON EDUCATION.—Dean Lyman reported that all three representatives were in attendance and pointed out that Pharmacy gains by having a sizable group present at Council meetings thereby showing interest in the work of the Council. He also directed attention to the growth in membership, the publication program, the work being carried on by committees and to the courtesy shown to the representatives of the health professions at the annual dinner. The report was received.

REPORT OF THE COMMITTEE ON RELATION OF BOARDS AND COLLEGES.—Dean Kendig, General Chairman, made some general comments on the work, directing attention to the fact that a feature of each district meeting had been a discussion of the proposal for modification of state board procedure for determining the fitness of candidates for licensure, made by Dr. Swain in his address last year as president of the National Association of Boards of Pharmacy. Some of the district resolutions which are of general interest were quoted. The report was received and the recommendation referred to the Committee on Resolutions.

REPORT OF THE COMMITTEE ON LIBRARIES.—Professor Lee, Chairman, reiterated the aim of this committee, that of making teachers "library conscious." During the year a survey of libraries of pharmacy schools was undertaken, by means of a questionnaire. The results were tabulated and discussed. The Committee submitted a list of miscellaneous journals as an appendix to the report and resubmitted a list of over 500 titles of pharmaceutical journals which was a part of the 1938 report but which had been corrected. The report was received and the recommendations referred to the Committee on Resolutions.

REPORT OF THE COMMITTEE ON PROBLEMS AND PLANS.—Dean Lyman, Chairman, reported that two projects had been completed: "Are Pharmacy Schools Under the Four-Year Curriculum Obtaining an Improved Type of Student?—A Statistical Study," by Robert J. Wherry and Henry M. Burlage was printed in full in the July JOURNAL; "A Study of the Methods of Teaching Dispensing in the Colleges," by L. Wait Rising has been completed and was presented as a part of the annual report.

"A Study of the Deterioration of Drugs and Pharmaceuticals" is being directed by James M. Dille. Progress of this work has been reported in the JOURNAL.

Other subjects under consideration are plans for obtaining funds for the benefit of pharmaceutical education and research, and establishment of an association of pharmaceutical editors.

He directed attention to the suggestion that material be collected in pamphlet form for distribution to high school students to bring to their attention the opportunities in Pharmacy "with the hope of acquiring a finer type of student." Such a publication "should be entirely devoid of propaganda" if we are not to be "party to post-college disappointments."

The Association has a responsibility for maintaining the Subsection on Pharmacy in the American Association for the Advancement of Science.

Dean Lyman in commenting on the work of the American Council on Pharmaceutical Education said "if there is any one institution which to-day deserves the support of the thoughtful men in Pharmacy it is the American Council on Pharmaceutical Education."

The purpose of the Committee on Problems and Plans, the report reiterated, is to search out problems and set up machinery for their solution. The report was accepted.

REPORT OF THE COMMITTEE ON ACTIVITIES OF STUDENTS AND ALUMNI.—Professor Terry, Chairman, reported that, though the Committee in its more than twenty years of service had promoted a good many excellent activities, it seemed time to redefine its functions. The Committee made several recommendations in keeping with its idea of what the functions should be. The report was accepted and the recommendations, with one exception, referred to

the Committee on Resolutions. The one recommendation which called for expenditure of funds was referred to the Executive Committee.

REPORT OF THE EDITOR OF THE AMERICAN JOURNAL.—Dean Lyman, Editor, directed attention to the fact that the list of subscribers is slowly growing. Support of members of boards of pharmacy and retail druggists is encouraging.

The Journal endeavors to represent Pharmacy in the field of education. "It is the mouth-piece of the ASSOCIATION. Pharmaceutical education and pharmaceutical educators are being measured by it, judged by it. We owe it to ourselves and to our profession to express in its pages the best that is in us in the best way we can." The report was received.

REPORT OF THE COMMITTEE ON PREDICTIVE AND ACHIEVEMENT TESTS.—Dr. Klemme, Chairman, reported that the Committee had continued its efforts to secure financial assistance in order to inaugurate the five-year program of study of achievement tests. The report of the Committee was accepted and the recommendations referred to the Committee on Resolutions.

REPORT OF THE COMMITTEE ON PROFESSIONAL RELATIONS.—Professor Schicks, Chairman, reported that the committee had made a study to determine how courses in medical schools are dealing with drugs and how much time is devoted to them; also to see how useful college courses in drugs are to physicians. Results of returned questionnaires are tabulated and discussed. The report was accepted.

REPORT OF THE COMMITTEE ON EDUCATIONAL AND MEMBERSHIP STANDARDS.—Dr. DuMez, Chairman, reported that it had been the general understanding that this committee would not function until after the new standards for membership had been adopted and incorporated into the By-Laws. For that reason the Committee had been inactive.

REPORT OF REPRESENTATIVES TO THE NATIONAL DRUG TRADE CONFERENCE.—In the absence of Dr. Rudd, Chairman of the delegation, Dean Hayman stated that the work of the Conference had already been published, directing attention also to the fact that most of the time was devoted to the study and preparation of a uniform food and drugs act.

President Serles commented on Dr. Rudd's absence and the Association directed that a message be sent to him expressing how much the members of the convention missed his presence.

OTHER REPORTS.—Professor Webster, representative to the convention of the National Association of Retail Druggists, presented a report which was read by title.

Dean Griffith, representative to the convention of the National Wholesale Druggists Association, gave a brief verbal report.

Dr. Youngken's report on Biological Abstracts was read by title. He also presented a report on the Progress of the Medicinal Plant Survey in which he reviewed very briefly what has been accomplished in this Survey of the Commercially Available Sources of the Wild Growing Medicinal Plants of the United States.

Dr. Olsen's report of the Druggists Research Bureau was submitted by title.

All of the above reports were accepted.

There was no report from the National Conference on Pharmaceutical Research because it was in session during the time of the Association's final session instead of on a preceding date as had been customary heretofore.

PANEL DISCUSSION.—The second session was given up to a panel discussion under the leadership of Dean Muldoon. The topic was Professional Relations and it was discussed under four subdivisions:

"Relationship with Physicians," Marvin J. Andrews.

"Relationship with Dentists," George C. Schicks.

"Relationship with Hospitals and Nurses," Louis C. Zopf.

"Relationship with the Public and Other Pharmacists," Clark T. Eidsmoe.

Following the presentation of the individual papers, there was discussion among the members of the panel. When the papers are published in a later issue an abstract of the discussion will appear.

At the close of the program Dean Muldoon and the four speakers who assisted him were given a vote of thanks and President Serles asked for suggestions about how to get the information presented in the program to every state association, every college of pharmacy and to other professions. This question was referred to the Executive Committee.

(The Executive Committee later decided that reprints of material should be sent to presidents and secretaries of state associations and to members of boards of pharmacy.)

AMENDMENTS TO THE BY-LAWS.—At the 1938 meeting, the special Committee on Revision of the Constitution and By-Laws recommended the following changes in the By-Laws:

Article 1. Duties of the Executive Committee. Delete paragraph 4 which reads as follows: all member-colleges shall be visited at least once in three years by representatives appointed by the Executive Committee.

Article 7. Qualifications for admission to and membership in the American Association of Colleges of Pharmacy. Strike out all subject matter from Sections 1 to 12 inclusive and substitute therefore the standards adopted by the American Council on Pharmaceutical Education for the accreditation of colleges of pharmacy, with such minor alterations as are necessary to adapt these standards to the Association's requirements.

The recommendation to adopt these amendments was put to a roll-call vote and adopted.

OTHER UNFINISHED BUSINESS OF THE 1938 MEETING.—Two recommendations made by President Muldoon in his address could not be acted on until this year.

1. That the By-Laws be so amended as to require after January 1, 1942 that no college will be admitted to membership in the American Association of Colleges of Pharmacy unless it has been accredited previously by the American Council on Pharmaceutical Education.

Inasmuch as an amplification of this particular measure was presented by the Executive Committee and received, to be voted on at the 1940 meeting, this one was laid on the table.

2. That as an experiment for one year, we combine the four teachers' conferences into a single group which will function this year under the chairmanship of the teacher chosen to-day to act as the chairman of the Conference on Pharmacy. The secretary of the Chemistry Teachers' Conference will act as secretary for the combined groups. These officers together with the other newly elected officers of all the Conferences, will serve as a committee to arrange for next year's meeting a program of general interest. If this plan is adopted and is successful, arrangements for its continuance can be made at the 1939 meeting. If it fails other action can then be taken.

The 1938 Committee on Resolutions, "because of the great enthusiasm and splendid attendance of this (1938) year's Conferences, doubtless due in part to President Muldoon's inspiring leadership," recommended that action on the proposed change be deferred until the 1939 meeting.

In the discussion, it was pointed out that for a number of years attendance at these conferences had been dwindling and a lack of interest had seemed obvious. Inasmuch as interest had been aroused the recommendation was voted down.

SUMMARY OF DR. NEWCOMB'S PAPER.—Dr. E. L. Newcomb presented a brief summary of a paper which he had read before the Conference of Teachers of Pharmaceutical Economics on a proposed "Text Book on Commercial Problems of Pharmacists." He also pointed out that there is increased interest on the part of manufacturers and wholesalers within the drug industry concerning the problems of pharmaceutical educational institutions. As a result of Conferences with some officers of the American Association of Colleges of Pharmacy and representatives of the American Council on Pharmaceutical Education, a specific contribution has been pledged to the work of the Committee on Predictive and Achievement Tests.

The Association voted to express to Dr. Newcomb its thanks for the report, the interest that is being shown by the National Wholesale Druggists Association in the various studies it is making and for the financial support that has been pledged.

REPORT OF THE COMMITTEE ON RESOLUTIONS.—Dr. Dille, Chairman of the Committee, opened the report with the following statement: "Your Committee on Resolutions has given careful consideration to the presidential address. We compliment President Serles highly on the forcefulness of his presentation and approve in principle the apt and timely suggestions contained therein. We heartily agree regarding the excessive number of committees. In view of the fact, however, that it is doubtful whether any committee would have the courage to recommend its own demise, we believe that it might be advisable to appoint a committee for the study of committees. Naturally, the death warrant of such a committee would have to be written along with its own powers of decapitation.

'We approve also of the principles enumerated in the presidential address, which relate to the standards to be adhered to in the teaching of the fundamentals of Pharmacy.'

Specific recommendations follow:

FROM THE PRESIDENT'S ADDRESS.—1. That the question of establishment of fixed standards of high school curricula as entrance requirements be indefinitely postponed. The Committee approved this recommendation and it was adopted.

2. That Article VII of the Constitution be amended to read: The officers of the Association shall be a President, President-Elect, a Vice-President, a Secretary-Treasurer and Chairman of the Executive Committee, all of whom shall be elected by ballot and shall hold their respective offices for one year or until their successors are elected and installed. The President, or in his absence the Vice-President, shall preside at all meetings of the Association, shall present an annual address, shall appoint committees and shall perform such other duties as pertain to the office of president.

Since Article VII of the Constitution requires that colleges be notified of proposed amendments at least thirty days prior to the annual meeting, the Committee recommended that this be received to be voted on at the 1940 meeting and the motion was carried.

FROM THE COMMITTEE ON ACTIVITIES OF STUDENTS AND ALUMNI.—

1. That the name of the committee be changed to Committee on Activities for Alumni. The committee approved this recommendation and it was adopted.

2. That the functions of the newly-organized committee be defined as a central clearing house for such material as concerns all alumni activities other than social affairs. The committee approved the recommendation and it was adopted.

3. That the chairman of the future be charged with such programs and other printed or mimeographed material and outlines of the various alumni meetings as they are held, and that he prepare a composite report of these meetings, making them available to member-colleges of the Association along with suggestions and comments to those desiring such service. The Committee on Resolutions believed this would be cumbersome and burdensome and recommended that it be *not* approved and this motion was carried.

FROM THE COMMITTEE ON LIBRARIES.—That the American Association of Colleges of Pharmacy give careful consideration to the following four projects and take steps to appoint persons or committees to study and report upon them.

1. That a carefully selected list of periodicals and journals be prepared for the libraries of the schools of pharmacy, such list to constitute the minimum number of titles for accredited colleges of pharmacy and to be prepared in coöperation with the American Council on Pharmaceutical Education.

2. That a minimum list of standard reference books upon the subjects of Pharmacy, Chemistry, Materia Medica and closely allied fields be prepared in the manner and for the purposes indicated in recommendation number 1.

3. That the qualifications of the pharmacy school librarians be made a subject of study and report. This should be done in coöperation with the Council and the American Library Association.

4. That the feasibility of effecting exchanges of duplicate library material for the mutual benefit of all the pharmacy libraries be studied and reported upon.

The Committee on Resolutions found these projects commendable but thought they are matters of concern within the Committee on Libraries and not suitable in their present form for action by the Association, and recommended that they be referred back to the Committee on Libraries, with the suggestion that they be undertaken and the results of the studies presented to the Association later for consideration.

After considerable discussion concerning the best way to handle the suggested projects, a substitute motion to refer the whole matter to the Committee on Problems and Plans was adopted.

FROM THE COMMITTEE ON PREDICTIVE AND ACHIEVEMENT TESTS.—

1. That not more than fifteen member-colleges participate in a preliminary experiment involving achievement tests.

2. That all schools participating agree to carry on the program for a period of not less than four years.

3. That all schools desiring to participate notify the committee at once in order that the tests may be started in September of this year.

4. That each school participating remit to the committee fifty cents (\$0.50) for each student taking the tests. A separate account shall be maintained for each school. Remittance shall

be made immediately upon knowing the number of students to take the tests. Unexpended funds in each account shall be returned to the several schools at the end of the four-year period.

5. Tests shall be sent to the participating schools immediately upon receipt of the examining fees.

6. That all tests be returned to the committee for evaluation by October 1st of each year during the experiment.

7. That the Association lend the committee \$100.00 to serve as a buffer account during the establishment of the first year's work. This loan shall be returned to the Association in sixty days. Such a loan, together with an estimate on the number of students participating will enable the committee to purchase the tests at a substantial discount.

Because these studies involved the use of Association funds, the Committee on Resolutions recommended that the entire matter be referred to the Executive Committee and this action was approved.

FROM THE CONFERENCE OF TEACHERS OF PHARMACOGNOSY AND PHARMACOLOGY.—1. Resolved that it is the wish of the Conference of Teachers of Pharmacognosy and Pharmacology that the Syllabus Committee so plan the curriculum that adequate prerequisites of physiology and anatomy be provided before the course in Pharmacology.

The Committee on Resolutions recommended that this be referred to the Syllabus Committee and this recommendation was adopted.

2. Resolved that it is the wish of the Conference of Teachers of Pharmacognosy and Pharmacology that the Syllabus Committee allow for variations between the courses of Pharmacology and Pharmacognosy, respectively, in the various schools, but that the scope of these various subjects be adequately defined.

The Committee on Resolutions recommended that this be referred to the Syllabus Committee for consideration and this action was taken.

3. Resolved, that the panel type of discussion be continued next year and that specific problems be discussed by means of questions to be answered by the panel in conference."

The Committee on Resolutions recommended that this be referred back to the chairman of this Teachers Conference since it is his prerogative to plan the program as he sees fit. The recommendation of the Committee was adopted.

Finally, the report of the Committee on Resolutions was adopted as a whole.

ANNUAL DINNER.—At the annual dinner at which members of the National Association of Boards of Pharmacy met with the Association of Colleges, President Serles acted as toastmaster. Dean Wilson presented the guest speaker, Chancellor Sanford of the University System of Georgia, who spoke on the subject, "Pharmacy of Tomorrow." The address appears in this issue of the JOURNAL.

ELECTION OF OFFICERS AND COMMITTEE MEMBERS.—*President:* Charles H. Rogers, Minneapolis, Minn.; *Vice-President:* Marion L. Jacobs, Chapel Hill, N. C.; *Secretary-Treasurer:* Zada M. Cooper, Iowa City, Iowa; *Chairman of the Executive Committee:* Ernest Little, Newark, N. J.; *Members of the Executive Committee:* Hugh C. Muldoon, Pittsburgh, Pa.; Elmer L. Hammond, Oxford, Miss.; *Member of the Syllabus Committee:* Elmer H. Wirth, Chicago, Ill.

Joint Session of the AMERICAN PHARMACEUTICAL ASSOCIATION, the American Association of Colleges Pharmacy and the National Association of Boards of Pharmacy. (See page 800.)

CONFERENCE OF TEACHERS OF PHARMACY.

Dean Hammond presided. The program consisted of a discussion of "The Educational Function of Teachers of Pharmacy" and the following papers were presented:

"First Courses in Pharmacy," Charles O. Lee.

"The Function of Teachers of Pharmacy toward the Retail and Manufacturing Fields," Marvin J. Andrews.

"The Function of Teachers of Pharmacy toward Research Work," L. Wait Rising.

"The Function of Teachers of Pharmacy toward the Teaching Profession," Robert C. Wilson.

"Modern Educational Methods and Trends," Paul R. Morrow.

The following officers were elected for the ensuing year: *Chairman*, Dean William A. Jarrett; *Vice-Chairman*, Dean H. Evert Kendig; *Secretary*, Professor Clark T. Eidsmoe.

CONFERENCE OF TEACHERS OF CHEMISTRY.

Professor Bergy presided and the following papers were presented:

"How Much Organic Chemistry Does the Present Day Pharmacy Student Need?" George W. Hargreaves.

"Pharmaceutical Chemistry in a Flexible Curriculum," George L. Webster.

"Chemistry Courses in Colleges of Pharmacy," Walter H. Hartung.

"The Teaching of Qualitative and Quantitative Analysis in Pharmacy Schools," H. George De Kay.

"The Place of Biochemistry in a Pharmacy Curriculum," Melvin W. Green.

The following officers were elected for the ensuing year: *Chairman*, Dr. H. George De Kay; *Vice-Chairman*, Dr. F. Scott Bukey; *Secretary*, Professor George W. Hargreaves.

CONFERENCE OF TEACHERS OF PHARMACOGNOSY AND PHARMACOLOGY.

In the absence of Dr. Marin S. Dunn, Chairman of the Conference, Dean B. V. Christensen presided.

The program consisted of a discussion of "The Aims and Objectives of the Course in Pharmacology and Pharmacognosy and How to Attain Them," divided as follows:

1. "Pharmacology," A. Richard Bliss, Jr., L. David Hiner, James M. Dille, W. H. Ziegler.

2. "Pharmacognosy," Edmund N. Gathercoal, Franklin J. Bacon, A. John Schwarz, Robert S. Justice.

The following officers were elected for the ensuing year: *Chairman*, Dr. L. David Hiner; *Vice-Chairman*, J. A. Reese; *Secretary*, A. John Schwarz.

CONFERENCE OF TEACHERS OF PHARMACEUTICAL ECONOMICS.

Dr. Frederick D. Lascoff presided and the following papers were presented:

"Accounting Theory and Practice for Pharmacy Students," Paul C. Olsen.

"Six Years in a Practice Pharmacy," M. Medford Cooper.

"Developing the Prescription Business in a Pharmacy," Ralph W. Clark.

"What Economics Offers to the Pharmacy Curriculum," John V. Connor.

"Term Papers in Commerical Pharmacy," Clarence M. Brown.

"Education and Creation in Pharmacy Business Courses," J. H. Goodness.

"Pharmaceutical Economics," Karl Scholz.

"Main Street (visiomatic)," Coca Cola Company.

"Text Book for Pharmaceutical Economics," E. L. Newcomb.

The following officers were elected for the ensuing year: *Chairman*, Dr. B. Olive Cole; *Secretary*, Dr. John V. Connor.