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SENATE MEETING

THURSDAY, APRIL 27, 1961

3:30 P.M.

MURPHY HALL AUDITORIUM

The membership of the Senate totals 170 including 130 elected members and 40 ex officio members (32 Administrative Committee and 8 Faculty Consultative Committee). For a quorum, a majority of the membership (86) must be present. Constitution changes require advance publication and 114 affirmative votes. By-Law changes require 86 affirmative votes. Other actions require only a simple majority of members present and voting.

Faculty members entitled to vote for Senate members may be present at Senate meetings but shall not be entitled to vote or make motions. Such faculty may, at their request and with the approval of the Senate, be given the privilege to speak on matters under consideration in which they have an interest.

Members of standing committees who are not members of the Senate, including student members, may be present at a meeting of the Senate during such time as a report of their committee is under discussion and may participate in such discussion, but shall not have the privilege of making motions or of voting.

A special section will be provided for the seating of such faculty and such members of standing committees.

ATTENDANCE RECORD

A roll of elected and ex officio members will be circulated during the meeting. Members will please check their names to indicate their presence. If the list misses you please stop afterward to check your name. The roll, after adjournment, will be on the rostrum.

An attendance record for nonmembers will also be circulated and will be on the rostrum after the meeting.

As voted by the Senate, a summary of the attendance of members elected for the current academic year will be included in the June minutes.

Year 1960-61

No. 6

UNIVERSITY OF MINNESOTA THE SENATE DOCKET

April 27, 1961

Your Committee on Business and Rules respectfully presents the following matters for consideration:

I. MINUTES OF MARCH 9, 1961

Reported for Action

II. NONSENATE COMMITTEES AND BOARDS FOR 1960-61

Reported for Information

The President reports the following additional appointments:

Convocation Advisory Committee: Francis E. Drake to replace Robert H. Beck.

Radio-Television Policy Committee: R. G. Francis named acting chairman during absence of Raymond B. Nixon on leave spring quarter. A. A. Blatherwick to replace A. N. Christensen.

III. STUDENT ORGANIZATION STAFF REPRESENTATIVES OR ADVISERS FOR 1960-61

Reported for Information

The President reports the following additional appointment:

Minnesota Student Association, Staff representative: George L. Shapiro to replace Kenneth E. Clark.

IV. REPORT OF THE ADMINISTRATIVE COMMITTEE

Reported for Information

1. *Request for Authorization to Solicit Funds.* The members of the Administrative Committee approved a request from the Faculty Women's Club seeking authorization to solicit funds on campus for the Tyrone Guthrie Theater.

2. *Enforcement of No Smoking Policy.* President Wilson informed the members of the committee of a request from students in the General College that the "no smoking" policy be enforced in classrooms.

It was pointed out by committee members that effective enforcement of the policy could only be achieved through faculty effort. Deans agreed to bring the matter to the attention of their faculties. President Wilson was requested to address a letter to each member of the faculty urging his co-operation.

Dean Spilhaus asked that the statement with respect to smoking in Northrop Auditorium be recast.

3. *Visitations to Private Colleges.* President Wilson read a letter from President Paul Giddens of Hamline University expressing warm appreciation for the interest Dean Lockhart had evidenced in Hamline students interested in professional study in law. Dean Lockhart had visited Hamline to talk with students there. President Wilson suggested that other deans and department heads make similar visitations to private colleges to talk with students interested in professional study and graduate work, when time for such visits permits.

4. *Report on Lectures and Public Meetings on Campus, 1959-60.* The report on lectures and public meetings held on campus during the 1959-60 school year is on file in the President's office, where it may be referred to by interested persons.

5. *Study Break.* Students from the College of Science, Literature, and the Arts have requested consideration of a "study break" of 1 day between the ending of classes and the beginning of examinations.

Past discussions of the "study break" by the Administrative Committee and the Schedule Committee were reviewed. Some opposition to the 1-day break was expressed on the grounds that a 1-day break would provide only a period for "cramming" as opposed to the more profitable week of study that is provided in some universities.

The matter was referred to the Schedule Committee for further consideration both as to the wisdom of a 1-day break and the possibility of delaying the start of examinations until the Monday following the last day of classes.

6. *Commencement Schedules.* Dean Spilhaus questioned the advisability of holding Commencement in advance of examinations, and suggested the possibility of having only 2 commencements each year rather than the 4. The question was referred to the Committee on University Functions.

7. *Legislative Progress Report.* President Wilson reported on progress in legislative hearings. He indicated that the hearings before the Subcommittee on Education of the Senate Finance Committee had been completed. Hearings are now going forward (March 1961) with the Subcommittee on Education of the House Appropriations Committee. Here the questioning has been thoughtful, close, and careful, but not unfriendly.

R. E. SUMMERS, Secretary

V. REPORT OF THE COMMITTEE ON BUSINESS AND RULES

Reported for Action

Proposed Change in Composition of the Senate

The following proposal, which was included in the docket of the March 9 meeting for consideration, is now submitted for action.

The proposal provides for a change in the composition of the Senate from elected representatives to membership that would include all professors and associate professors with elected representatives only from the assistant professor and instructor group.

The proposed amendments to accomplish this change follow:

I. The Senate Constitution, Article III, Section 1, reads as follows:

Article III. University Senate

1. Composition

The University Senate shall be composed of (a) elected representatives of the faculties of the various institutes, colleges, schools of collegiate rank, and the Mayo Foundation, and (b) the members of the University Administrative Committee and the Faculty Consultative Committee, who shall serve ex officio as regular members of the Senate. Each member of the Senate shall represent the faculty and the University as a whole, as well as his own unit.

PROPOSED, That this section be amended to read:

Article III. University Senate

1. Composition

The University Senate shall be composed of the President, Vice Presidents, deans, professors, and associate professors; elected representatives of other ranks of the various institutes, colleges, and schools of collegiate rank as specified in Article III, Section 4; and such other members of the University staff as the Senate may elect.

II. The Senate Constitution, Article III, Section 4, reads as follows:

Article III. University Senate

4. Election of Senate Members

(a) The elected members of the Senate shall be chosen by secret ballot by the faculties of the several institutes, colleges, or schools of collegiate rank as follows: The regular members of each faculty who are professors or associate professors shall jointly elect from their rank (professors and associate professors) one Senate member for each ten of their regular members or fraction of that number holding such rank. The regular members of each faculty who are assistant professors (including research associates) or instructors (including research fellows) shall jointly elect from their ranks one Senate member for each forty of their regular members or fraction of that number holding such rank. The provisions hereof shall not apply to the election of the representatives of the Mayo Foundation.

(b) For the purpose of electing representatives to the Senate, the members of each faculty holding the rank of instructor (including research fellow) and above shall be eligible to vote, providing that they hold regular appointment as defined in the Regulations Concerning Academic Tenure (as revised and re-adopted by the Regents July 11, 1952). The provisions hereof shall not apply to the election of the representatives of the Mayo Foundation.

(c) The Mayo Foundation shall be entitled to four elected representatives. Three of them shall be elected by faculty members who are professors or associate professors, and one by faculty members who are assistant professors (including research associates) and instructors (including research fellows). Each group shall elect as its representatives persons belonging to it. All representatives shall be elected by secret ballot.

(d) The Committee on Business and Rules shall determine the status and faculty membership of any academic staff member not regularly attached to an existing faculty for purposes of voting for members of and serving as a representative in the Senate.

(e) Annual elections to the Senate shall be held no later than the 20th day of October. Faculty members elected to the Senate shall serve for one year and/or until their successors shall be elected and qualified. They shall be eligible for re-election.

PROPOSED, That this section be amended to read:

Article III. University Senate

4. Elected Senate Members

(a) The elected members of the Senate shall be chosen by secret ballot by the faculties of the several institutes, colleges, or schools of collegiate rank as follows: The members of each faculty who are assistant professors (including research associates), instructors (including research fellows), shall jointly elect from their ranks one Senate member for each forty of their members or fraction of that number holding such rank.

(b) Annual elections of Senate members shall be held no later than three weeks before the first fall meeting of the Senate. Faculty members elected to the Senate shall serve for one year and/or until their successors shall be elected and qualified.

III. The Senate Constitution, Article III, Section 6, reads as follows:

Article III. University Senate

6. Senate Agenda and Minutes

The agenda of each Senate meeting shall be distributed in advance to all Senate members and to all faculty members entitled to vote for Senate members. The minutes of Senate meetings shall also be distributed to all such Senate and faculty members. Matters under Senate jurisdiction, including proposed amendments to this constitution or by-laws, may be submitted by any Senate committee or Senate member or petition signed by any twenty voting members of the faculties, to the Committee on Business and Rules for placing on the agenda of the Senate.

PROPOSED, That this section be amended to read:

Article III. University Senate

6. Senate Agenda and Minutes

The agenda of each Senate meeting shall be distributed in advance to all faculty members. The minutes of Senate meetings shall also be distributed to all faculty members. Matters under Senate jurisdiction, including proposed amendments to this constitution or by-laws, may be submitted by any Senate committee or Senate member to the Committee on Business and Rules for placing on the agenda of the Senate.

IV. The Senate Constitution, Article III, Section 7, reads as follows:

Article III. University Senate

7. Senate Meetings—Call—Quorum

The Senate shall hold regular meetings at least twice in each quarter of the academic year, at a time and place determined by the President. Special meetings of the Senate may be held upon the call of the President or upon the written request of ten members of the Senate or of twenty voting members of the faculties. At any regular or special meeting of the Senate, a majority of the membership of the Senate shall constitute a quorum. Faculty members entitled to vote for Senate members may be present at Senate meetings but shall not be entitled to vote or make motions. Such faculty may, at their request and with the approval of the Senate, be given the privilege to speak on matters under consideration in which they have an interest.

PROPOSED, That this section be amended to read:

Article III. University Senate

7. Senate Meetings—Call—Quorum

The Senate shall hold regular meetings at least twice in each quarter of the academic year, at a time and place determined by the President. Special meetings of the Senate may be held upon the call of the President or upon the written request of ten members of the Senate or of twenty voting members of the faculties. At any regular or special meeting of the Senate, seventy-five members shall constitute a quorum. Faculty members entitled to vote for Senate members may be present at Senate meetings, but shall not be entitled to vote or make motions. Such faculty may, at their request and with the approval of the Senate, be given the privilege to speak on matters under consideration in which they have an interest.

V. The Senate Constitution, Article V, Section 2, reads as follows:

Article V. Special Standing Committees of the Senate

2. Faculty Consultative Committee—Composition

There shall be a Faculty Consultative Committee as a standing committee of the Senate. This committee shall be composed of seven elected members, and if no member is elected from either the St. Paul Campus or the Duluth Campus, the elected members shall appoint one for each of the foregoing not represented by an elected member. No person shall be either an elected or appointed member who is not a qualified voter for Senate members at the time of his election or appointment or who is a member of the University Administrative Committee. Elected members shall serve for terms of three years. Appointed members shall serve for terms of one year. Only those faculty members who hold regular appointment at the rank of professor or associate professor may be nominated for membership on or may vote for members of the Faculty Consultative Committee. The Committee shall represent the faculty at large and not individual institutes, colleges, schools, or departments of the University.

PROPOSED, That this section be amended to read:

Article V. Special Standing Committees of the Senate

2. Faculty Consultative Committee—Composition

There shall be a Faculty Consultative Committee as a standing committee of the Senate. This committee shall be composed of seven elected members, and if no member is elected from either the St. Paul Campus or the Duluth Campus, the elected members shall appoint one for each of the foregoing not represented by an elected member. No person shall be either an elected or appointed member who is not a Senate member at the time of his election or appointment or who is a member of the University Administrative Committee. Elected members shall serve for terms of three years. Appointed members shall serve for terms of one year. Only those faculty members who hold regular appointments at the rank of professor or associate professor may be nominated for membership on or may vote for members of the Faculty Consultative Committee. The Committee shall represent the faculty at large and not individual institutes, colleges, schools, or departments of the University.

VI. The Senate Constitution, Article IX, Section 1, reads as follows:

Article IX. Amending Procedure

1. Adoption of Amendments

Amendments to this constitution shall be approved by a two-thirds majority vote of all members of the Senate, at a regular or special meeting, provided the proposed amendment has been submitted, in writing, to each member of the Senate and to each faculty member entitled to vote for members of the Senate at least ten days prior to the date of the vote on the approval of the proposed amendment. Such amendments shall then be submitted in writing to those entitled to vote for members of the Senate and unless disapproved by at least one-third of such members within thirty days by written vote, shall be submitted to the Regents for approval.

PROPOSED, That this section be amended to read:

Article IX. Amending Procedure

1. Adoption of Amendments

Amendments to this constitution shall be approved by a two-thirds majority vote of all members of the Senate present at a regular or special meeting, provided the proposed amendment has been submitted, in writing, to each member of the Senate and to each faculty member entitled to vote for members of the Senate at least ten days prior to the date of the vote on the approval of the proposed amendment. Such amendments shall then be submitted in writing to all members of the Senate and, unless disapproved by at least one-third of such members within thirty days by written vote, shall be submitted to the Regents for approval.

VII. The Senate Constitution, Article XI, reads as follows:

Article XI. Adoption of By-Laws

The Senate may enact, amend, or repeal by-laws by majority vote of all members of the Senate.

PROPOSED, That this article be amended to read:

Article XI. Adoption of By-Laws

The Senate may enact, amend, or repeal by-laws by a two-thirds vote of all members of the Senate present at a regular or special meeting.

VIII. The Senate By-Laws, Article I, reads as follows:

Article I. Senate Membership, Elections, and Officers

1. For the purpose of electing members to the Senate, qualified faculty members shall vote as members within each of the following units of the University: (1) Agriculture, (2) Business Administration, (3) Veterinary Medicine, (4) Dentistry, (5) Duluth, (6) Education, (7) Extension Division, (8) General College, (9) Law, (10) Medical Sciences, (11) Pharmacy, (12) Physical Education for Men, (14) Science, Literature, and the Arts, (15) Technology, and (16) Mayo Foundation.

2. For the purpose of direct representation of the instructional and research interests of the Graduate School, the Executive Committee of the Graduate School shall designate each year from among the faculty members elected to the Senate as provided in Article III, Section 4, of the Constitution of the Senate, seven such members to serve as representatives of the Graduate School in the Senate, concurrently with their representatives of the unit from which they have been elected.

3. (a) Each fall before October 10, the Clerk of the Senate shall prepare for each unit listed in Section 1 of this Article a list of all persons in that unit

who, as of September 30, are entitled to vote for Senate members, and shall send the appropriate number of copies thereof to the administrative head of each unit. This list shall indicate the rank of each person named thereon so far as necessary to indicate his voting group within his unit.

(b) Between October 10 and October 20, each unit listed in Section 1 of this article shall conduct elections for Senate members. In each unit one group consisting of professors and associate professors shall choose the representatives to which it is entitled. The other group, consisting of assistant professors (including research associates) and instructors (including research fellows) shall choose the representatives to which it is entitled. Each unit shall establish its own procedures for conducting its elections. The results of the elections shall be mailed to the Clerk of the Senate not later than October 23.

(c) The names of all Senate members shall then be listed in the agenda of the first Senate meeting of the fall quarter and shall be distributed, as provided in Article III, Section 6, of the Constitution of the Senate, not later than November 5.

4. Vacancies in the Senate caused by death, resignation, or separation from the University may be filled, at the option of the faculty of the administrative unit, by special election on the part of the relevant group within the faculty concerned, or by designation on the part of the members of the Senate currently representing that faculty.
5. Any person eligible to vote for members of the Senate under the provisions of Section 4 of Article III of the Senate Constitution, but not attached to any voting unit designated in Section 1 of this Article, may apply in writing to the Senate Committee on Business and Rules for a determination of his status for voting for members of the Senate. It shall be the duty of the Committee on Business and Rules to classify such a staff member with one of the voting units specified in Article I, Section 1, of these by-laws in view of factors which the Committee on Business and Rules considers to be relevant to such classification.
6. The Senate shall review the provisions of Article III, Section 4 (a), of the Constitution of the Senate at the end of five years following the effective date of the Constitution, in order to determine whether changes should be made in the formula utilized in the election of members of the Senate.
7. The Clerk of the Senate shall be the custodian of its records, shall circulate the agenda and minutes of Senate meetings as directed by the Committee on Business and Rules, and shall perform such additional functions as shall be assigned to him in the by-laws or by the President.
8. It shall be a function of the Clerk of the Senate to obtain after convenient intervals but at least once annually from the University Office of Insurance and Retirement or other official sources a complete list of those faculty members of any professorial rank who held tenure, whether they were active or retired, who have died during the preceding interval. The Clerk of the Senate shall request the departments or units of the University in which the deceased faculty members served to prepare suitable memorial statements and send them to their respective deans to be forwarded by the deans to the Clerk of the Senate. At convenient intervals the Clerk shall include such memorials in the agenda of the Senate for adoption by it, and shall supply copies of the same to the President.

PROPOSED, That this article be amended to read as follows:

Article I. Senate Membership, Elections, and Officers

1. For the purpose of electing elected members to the Senate, qualified faculty members shall vote as members within each of the following units of the University: (1) Agriculture, (2) Business Administration, (3) Veterinary Medicine, (4) Dentistry, (5) Duluth, (6) Education, (7) Extension Division, (8) General College, (9) Law, (10) Medical Sciences, (11) Pharmacy, (12) Physical Education for Men, (13) Science, Literature, and the Arts, and R.O.T.C., (14) Technology, (15) Mayo Foundation, and (16) Morris.
2. (a) Each fall at least five weeks before the first regular meeting of the Senate, the dean or administrative head of each unit listed in Article I, Section 1, shall prepare a list of all persons in that unit who are entitled to vote for elected members of the Senate, and shall inform them of the election procedure.
(b) Prior to the third week before the first meeting of the Senate for the fall quarter, each unit listed in Article I, Section 1, shall conduct election for selected Senate members. Each unit shall establish its own procedures for conducting the elections. The results of the elections shall be submitted immediately to the Clerk of the Senate.
(c) The names of all elected Senate members shall then be listed in the agenda of the first Senate meeting of the fall quarter.
3. Vacancies in the elected membership of the Senate caused by death, resignation, or separation from the University may be filled, at the option of the faculty of the administrative unit, by special election on the part of the relevant group within the faculty concerned, or by designation on the part of the members of the Senate currently representing that faculty.
4. The Clerk of the Senate shall be the custodian of its records, shall circulate the agenda and minutes of Senate meetings as directed by the Committee on Business and Rules, and shall perform such additional functions as shall be assigned to him in the by-laws or by the President.
5. It shall be a function of the Clerk of the Senate to obtain after convenient intervals but at least once annually from the University Office of Insurance and Retirement or other official sources a complete list of those faculty members of any professorial rank, whether they were active or retired, who have died during the preceding interval. The Clerk of the Senate shall request the departments or units of the University in which the deceased faculty members served to prepare suitable memorial statements and send them to their respective deans to be forwarded by the deans to the Clerk of the Senate. At convenient intervals the Clerk shall include such memorials in the agenda of the Senate for adoption by it, and shall supply copies of the same to the President.

IX. PROPOSED, That the following Senate action be rescinded:

Voted that the Clerk of the Senate include in the June minutes a summary of the attendance of members elected for the current academic year. (*Senate Minutes*, March 12, 1959).

ELIO D. MONACHESI, Chairman

(There will be a pause in the proceedings to permit the seating of the non-Senate members of the Committee on Intercollegiate Athletics and the Committee on University Functions for the discussion of these reports.)

VI. REPORT OF THE COMMITTEE ON INTERCOLLEGIATE ATHLETICS

1. Reported for Information

Approved Schedules

Track—The committee approved participation of a 10-member squad in an invitational quadrangular meet, March 25, 1961 at Abilene Christian College, Abilene, Texas. Texas Technical College and the University of Houston also participated. This competition is in addition to the schedule recorded in the *Minutes* of the Senate, December 8, 1960.

Baseball—The committee has approved the following changes in the baseball schedule which is recorded in the *Minutes* of the Senate March 9, 1961:

- April 7: South Dakota State University. One game only.
- April 8: South Dakota State University. Two games. Delete Luther College.
- April 11: Luther College. Two 7-inning games, starting at 2 p.m.
- Golf**—
- March 20, 21, Rice Institute, at Houston
- March 22-24, University of Houston, at Houston
(These matches involved a 3-man squad)
- April 26, Carleton College
- May 6, State University of Iowa and University of Wisconsin, at Iowa City
- May 13, State University of Iowa and University of Wisconsin
- May 19-20, Conference matches at Bloomington, Indiana
- June 18-24, N.C.A.A. matches at Lafayette, Indiana

2. Reported for Consideration

Attention is invited to the report of this committee which appears in the *Minutes* of the Senate, March 9, 1961, pertaining to participation of members of the Intercollegiate Conference (Big Ten) in the Rose Bowl game. Inasmuch as this matter is subject to further discussion the recommendation of the committee is presented again:

RECOMMENDATION

That, while Rose Bowl participation remains permissible under Conference Regulations, the Senate approve and authorize the Minnesota faculty representative to vote for an interconference Rose Bowl contract between the Intercollegiate Conference and the Athletic Association of Western Universities if one can be obtained on terms satisfactory to the conference and substantially similar to the terms in the former contract with the former Pacific Coast Conference, that is continuing but terminable by either conference on 2 years' notice; on condition that if and when such contract is made and in force the last sentence of Regulation II, Section 1, of the Conference Regulations shall provide substantially as follows: "Nothing herein shall apply to the Rose Bowl so long as a contract with the Athletic Association of Western Universities remains in force."

M. O. SCHULTZE, Chairman

VII. REPORT OF THE COMMITTEE ON UNIVERSITY FUNCTIONS

Reported for Information

Members of the Senate may be interested in knowing the attendance figures for the Inauguration of President Wilson on Thursday, February 23.

Number of official delegates from colleges and universities.....	409
Number of official delegates from learned societies and professional organizations	129
Number marching in the academic procession	863
Estimated number attending the inaugural ceremonies in the afternoon in Northrop	4300
Estimated number attending the inaugural reception in the Campus Club	2000
Estimated number attending the inaugural concert	4000
Actual number attending the inaugural dinner	1000
Number of congratulatory citations received from colleges, universities, learned societies, and professional associations	458

About 500 University of Minnesota students assisted in the execution of the inaugural plans, as did several dozen members of the Minneapolis and St. Paul Faculty Women's Club.

W. L. NUNN, Chairman

(There will be a pause in the proceedings to permit the withdrawal of non-Senate committee members.)

VIII. REPORT OF THE COMMITTEE ON SENATE COMMITTEES

Reported for Action

Proposed Procedures for Appointment of Senate Committees

The following proposal, which was included in the docket of the March 9 meeting for consideration, is now submitted for action.

The proposal provides for an elected Committee on Senate Committees with the added responsibility to nominate faculty candidates for appointment to standing committees of the Senate.

To accomplish this, the following amendments to the Constitution and By-Laws are proposed:

I. The Senate Constitution, Article IV, Section 1, reads as follows:

Article IV. Composition of Senate Committees

1. Appointment of Committee Members

All members of standing or special committees of the Senate shall be appointed by the President and confirmed by the Senate, except as provided for in Article V, Section 2, of this constitution. Membership in the Senate shall not be prerequisite to such appointment.

PROPOSED, That this section be amended to read:

Article IV. Composition of Senate Committees

1. Appointment of Committee Members

All members of standing or special committees of the Senate shall be appointed by the President and confirmed by the Senate, except as provided for in Article V, Sections 2 and 4, of this constitution. Membership in the Senate shall not be prerequisite to such appointment.

II. The Senate Constitution, Article V, Section 4, reads as follows:

Article V. Special Standing Committees of the Senate

4. Committee on Senate Committees

There shall be a standing Committee on Senate Committees consisting of five members. It shall review the number and scope of standing committees of the Senate and shall make appropriate recommendations thereon to the Senate but shall not have the power to appoint or recommend appointments to committees.

PROPOSED, That this section be amended to read:

Article V. Special Standing Committees of the Senate

4. Committee on Senate Committees

There shall be a standing Committee on Senate Committees consisting of six elected members. It shall review the number and scope of standing committees of the Senate, shall make appropriate recommendations thereon to the Senate, and shall recommend to the President faculty candidates for appointment to standing committees of the Senate.

III. The Senate By-Laws, Article III, Section 11, reads as follows:

Article III. Creation, Composition, and Functions of Standing Committees

11. Senate Committees

There shall be a standing committee of the Senate which shall be known as the Committee on Senate Committees, with such membership and responsibilities as are set forth in Article V, Section 4, of the Constitution of the Senate.

PROPOSED, That this section be amended to read:

Article III. Creation, Composition, and Functions of Standing Committees

11. Senate Committees

There shall be a standing Committee on Senate Committees, as provided in Article V, Section 4, of the Constitution of the Senate, elected by the Senate according to the following rules:

A. The Faculty Consultative Committee, in consultation with the President, shall nominate and certify as available twice as many candidates for the Committee on Senate Committees as are to be elected each year. These candidates shall be announced in the *Senate Docket* for the last regular Senate meeting of the academic year. Additional nominations, certified as available, may be made by the petition of 12 Senators, provided that the petition is in the hands of the Clerk of the Senate the day before the Senate meeting. At the last regular Senate meeting of the academic year, the Senate shall elect by secret ballot one-third of the members of the Committee on Senate Committees, those elected to serve for 3 years. In the case of a tie, the Clerk of the Senate shall choose the successful candidate by lot.*

B. From the members of the Committee on Senate Committees, the President shall appoint a chairman to serve from July 1 to June 30, who may serve successive terms.

Duties. The Committee on Senate Committees shall review the number and scope of the standing committees of the Senate and shall make appropriate recommendations thereon to the Senate. It shall assist the President in his appointment of committees by furnishing him with a slate of twice the number of faculty members to be appointed to standing committees as are specified in the By-Laws for each standing committee, giving due consideration to geographical representation from the various collegiate campuses of the University when this is appropriate, to the number of Senate committees the faculty member is already serving, to the principle of rotation of such assignments, to the recommendations of the respective committee chairmen, and to availability to serve if appointed.

* For the year 196—196—, the same procedure will be followed with 12 candidates nominated and certified as available. The two receiving the highest number of votes shall serve for 3 years, the next two for 2 years, and the following two for 1 year. This footnote shall have no effect after the first election.

HORACE T. MORSE, Chairman

IX. NEW BUSINESS

X. NECROLOGY

EARL B. FISCHER

1892-1961

Earl B. Fischer, professor of pharmacognosy and head of the department of pharmacognosy, University of Minnesota, died suddenly in his home on Sunday, March 5, 1961. In keeping with his lifelong practice, he had attended the services of the Plymouth Congregational Church which he served for 19 years as tenor soloist and as a church officer.

Professor Fischer is survived by his wife, Merry, a son, James, Paynesville, Ohio and three daughters, Mrs. F. H. Brightman, Westbury, New York, Mrs. H. M. Keller, St. Paul, and Mrs. D. E. Miller, Elmhurst, Illinois.

He was born in Winona, Minnesota, on August 27, 1892 and completed his secondary education at Dakota Wesleyan Academy. He received his bachelor of science in chemical engineering, 1919, and doctor of philosophy in pharmaceutical chemistry and agricultural biochemistry, 1940, at the University of Minnesota.

After a tour of duty in the Chemical Warfare Service during World War I, he worked as a chemist for McLaughlin, Gormley, King and Company, Minneapolis, before joining the faculty of the College of Pharmacy, University of Minnesota, in 1921. He began his academic career as an instructor in the department of pharmacognosy, advancing to assistant professor in 1927, associate professor in 1929, and professor in 1940. He was scheduled to retire from his position as professor and head of the department at the end of the academic year 1960-61.

Numerous publications of his original investigations, especially in the *Proceedings of the Minnesota State Pharmaceutical Association* and the *Journal of the American Pharmaceutical Association*, reflect his great interests in the cultivation of medicinal plants and their use as sources of medicinal agents. An outstanding collection of medicinal plants, maintained in the pharmaceutical greenhouse and propagated in the medicinal plant gardens on the Minneapolis Campus testifies to Professor Fischer's industry and resourcefulness in providing his students with experience and knowledge in the principles and processes of pharmacognosy.

For many years he served as member and chairman of the Drug Plant Culture Committee of the Minnesota State Pharmaceutical Association. Particularly noteworthy have been his contributions to the legal standards for the identity and purity of medicinal plant products as they were given in the *United States Pharmacopoeia* and the *National Formulary*. He served as a member of the Subcommittee on Pharmacognosy during a number of the revisions of the U.S.P. and N.F. He was elected to membership on the General Committee of Revision by the United States Pharmacopoeial Convention for the period 1950-1960, and during this time he served on the Committee on Pharmacognosy and the Committee on Biological Assays and Tests. He also served as a member of the Committee on Pharmacognosy and Pharmaceutical Botany of the Division of Biology and Agriculture, National Research Council. Other professional affiliations of Professor Fischer included the American Chemical Society, Phi Lambda Upsilon, Rho Chi Pharmacy Honor Society, and Tau Beta Pi. He was affiliated also with the University Branch of the YMCA.

Professor Fischer's scholarly activities are also represented by the textbook, *Kraemer's Scientific and Applied Pharmacognosy* which he edited in collaboration with E. L. Newcomb, E. N. Gathercoal, and L. K. Darbaker. He was also the author of *Laboratory Manual of Pharmacognosy*.

Professor Fischer was justifiably proud to be one of the founders of the Plant Science Seminar, an organization of pharmacognosists, in which he served as an officer for many years. This organization was the forerunner of the newly established American Society of Pharmacognosy. At the second annual meeting of the Society in June, 1961, he was to be installed as an honorary member in recognition of his meritorious service in pharmacognosy.

His kind and affable attitude, his faithful devotion to his duties as teacher and scientist, his deep and sincere concern for the welfare of all with whom he worked are indelibly inscribed in the memories of his colleagues at the College of Pharmacy, his many students, and the large number of people privileged to have been encompassed within his wide circle of friends.

CLARENCE C. LUDWIG

1893-1961

Clarence C. Ludwig, who retired in 1959 after 24 years of service as professor of political science, director of the Municipal Reference Bureau, and executive secretary of the League of Minnesota Municipalities, died at his home in San Jose, California, on February 10, 1961. He is survived by his wife, Virginia, and son, John.

Professor Ludwig was born in Arlington, Nebraska, on March 23, 1893. He graduated from Whitman College, Walla Walla, Washington, with honors and was elected to Phi Beta Kappa. After serving with the Navy in World War I, he began his career in government research and administration in Rochester, New York. He served as executive secretary of the Multnomah County, Oregon, budget agency and was the first city manager of Albert Lea, Minnesota.

As a member of the political science faculty at Minnesota, he taught courses in municipal government, public administration, and planning. He participated in the establishment of the Graduate Training Program in Public Administration in 1936 and the alumni of that program are especially appreciative of the practical emphasis which he brought to their study of public administration. In 1956, the University of Michigan sent him to Manila to serve as a local government consultant at the University of the Philippines' Institute of Public Administration. In 1959, the Minnesota Chapter of the American Society for Public Administration selected him for its award for outstanding contributions to the art and science of public administration.

As director of the Municipal Reference Bureau and executive secretary of the League of Minnesota Municipalities, he personally exemplified the role of the University in service to the state, and his executive ability brought the League to top rank among similar organizations in the United States. His leadership in promoting metropolitan planning led to his appointment as the first chairman of the Twin Cities Metropolitan Planning Commission. He served as secretary of the Minnesota Highway Study Commission and was a member of advisory committees on Children and Youth, Suburban Problems, Motor Vehicle and Traffic Laws, Anti-Recession Measures, the State Self-Survey, Water, Civil Defense, and Aeronautics. For a quarter of a century he worked for municipal progress in Minnesota. He was a staunch supporter of home rule and responsibility of local officials.

His national professional offices included the presidency of the American Municipal Association, the vice-presidency of the International City Managers Association, and membership on the National Committee of Municipal Accounting.

Integrity, firmness and persistence, leadership, and a kind and generous spirit were among his outstanding qualities. He leaves behind him a heritage of achievement—almost always through co-operation with others, for co-operation was woven into the fabric of his personal and professional life.

ARTHUR N. MILGRAM
1912-1961

Arthur N. Milgram, professor of mathematics in the Institute of Technology, died of a heart attack in Minneapolis on January 30, 1961. Professor Milgram was a nationally famous scholar, whose death represents a great loss to the University and to the state of Minnesota.

Professor Milgram was born June 3, 1912, in Philadelphia, Pennsylvania. He received his B.A. from Temple University in 1933 and then followed a course of study in graduate mathematics at the University of Pennsylvania, where he received his Ph.D. degree in 1937.

Before coming to the University of Minnesota in 1952 as an associate professor, he was a member of the faculty at Syracuse University and at the University of Notre Dame. In 1955 he was promoted to the rank of professor.

Professor Milgram had a very wide knowledge and interest in the diverse branches of pure and applied mathematics. His published research papers include new results on dimension theory in topological spaces, on geometry of Riemannian manifolds, and on partial differential equations. In addition he was a joint author with E. Artin of an algebra monograph which was influential in changing the basic formulation of Galois Theory to the modern approach which is now standard throughout the entire mathematical world.

As an invited speaker and visiting lecturer, Professor Milgram contributed much to high-level mathematical programs. He was a visiting member at the Institute for Advanced Study at Princeton, visiting professor at New York University, and at the University of California in Berkeley. He was invited to participate in significant symposia directed by national mathematical organizations—on partial differential equations at Arden House, New York, in October 1952; on differential equations and functional analysis at the University of California in Berkeley, summer 1955; and on applied mathematics in Boulder, Colorado, in the summer of 1957.

Professor Milgram was also actively interested in mathematical education programs at all levels. He pioneered a special course in college mathematics presented to talented high school students. He served as a panel member for the National Research Council reviewing National Science Foundation graduate fellowships. Because of his warm personality and mathematical insight, he was especially successful in guiding doctoral candidates. Many of his former students are now on the faculties of leading universities.

Professor Milgram had been a member of the University Senate and the Graduate Group Committee for Physical Sciences at the University of Minnesota. He was a member of the American Mathematical Society and the Mathematical Association of America. Since 1959 he was an associate editor of the *Transactions of the American Mathematical Society*, one of the leading mathematical research periodicals of the world.

Professor Milgram is survived by his wife Miriam, daughter Martha, son William, who is a student at the University of Minnesota, and son James, who is a graduate student in mathematics at the University of Chicago.

JEROME T. SYVERTON
1907-1961

Jerome T. Syverton began an outstanding, active career in microbiology as an instructor in bacteriology at the University of North Dakota in 1928. Born in Courtenay, North Dakota, on March 29, 1907, he entered the University of North Dakota in 1923, obtaining a B.A. degree in 1927 and a B.S. degree in 1928. He graduated from Harvard University School of Medicine in 1931, and after an internship and assistant residency in medicine at Duke University Hospital in 1931-32, he became an assistant in pathology and bacteriology at the Rockefeller Institute for Medical Research. There he obtained basic knowledge in virology under the guidance of Dr. P. K. Olitsky, and in 1932 became a member of the faculty of the University of Rochester School of Medicine and Dentistry. Except for a sabbatical leave in 1942 at Vanderbilt University School of Medicine as visiting associate professor of pathology and bacteriology, his fundamental and pioneering work involving, for example, tumor viruses and multiple viral infections of single animal cells, as well as development of his outstanding skill as a teacher and student adviser, occurred during 1934-47 while in the Department of Bacteriology at the University of Rochester. For his outstanding research in virology, he received the Lilly Award in Bacteriology and Immunology in 1938. From 1944-46 he was on active duty in the United States Navy as a visiting investigator at the Rockefeller Institute, and member of Naval Medical Research Unit 2 in the Pacific Theater. In 1947 he became professor and head of the Department of Microbiology at Louisiana State University School of Medicine, and from 1948 until his death on January 28, 1961, in New York City, was professor and head of the Department of Bacteriology at the University of Minnesota.

During his academic career his enthusiastic and vigorous approach to professional life with simultaneous devotion to his family and friends, set an extraordinary example for students and associates. His graduate and postdoctoral students during 12 years at the University of Minnesota alone numbered over 65. His productivity as an investigator was remarkable, and during 1957-58, he was recipient of the Commonwealth Fund Award for Creative Work. Published between 1933 and 1960 were 87 articles describing his own work and 119 in conjunction with his students and associates. His stature in science and academic medicine was evidenced by his membership in 22 professional societies and 11 scientific advisory committees, and his enthusiastic support of science at an international and national level was widely recognized and appreciated. The world's scientific community has lost a creative and productive investigator; the educational community, an enthusiastic teacher; the community of his colleagues and associates, a true friend; and his family, an affectionate and lovable father.