

SENATE MEETING

THURSDAY, NOVEMBER 4, 1965

3:30 P.M.

MURPHY HALL AUDITORIUM

The voting membership of the Senate totals 172 including the President and 171 elected members. For a quorum, a majority of the voting membership (87) must be present. Constitution changes require advance publication and 115 affirmative votes. By-Law changes require 87 affirmative votes. Other actions require only a simple majority of members present and voting. The members of the Administrative Committee are ex officio nonvoting members of the Senate.

All members of the faculty who hold regular appointment as defined in the Regulations Concerning Academic Tenure may be present at Senate meetings and are entitled to speak and to offer motions for Senate action, but may not vote.

Members of standing committees who are not faculty, 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.

Provision has been made for the University News Service to send the Senate Docket to the news media in advance of each meeting and to arrange a news conference at the close of each meeting with the vice chairman and others he may designate.

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.

NOT FOR RELEASE PRIOR TO THE SENATE MEETING

Year 1965-66

No. 1

UNIVERSITY OF MINNESOTA THE SENATE DOCKET

November 4, 1965

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

I. MINUTES OF JUNE 3, 1965

Reported for Action

II. ELECTION OF VICE CHAIRMAN

Reported for Action

The Constitution provides that a vice chairman shall be elected by the Senate at its first meeting of the academic year from among its members for a term of 1 year. He shall be eligible for re-election if still a member.

III. SENATE COMMITTEES FOR 1965-66

1. Reported for Action

The President reports the following additions and changes in committee appointments:

All-University Extension: Francis M. Boddy to replace John Haugland.

Audio-Visual Aids: Add Allan A. Blatherwick, Charles Bruning, and Ward Wells.

Institutional Relationships: Add Gerhard E. von Glahn. Theodore Kellogg will serve as chairman.

Student Affairs: Add Edmund G. Williamson (ex officio).

2. Reported for Information

Administrative Committee: President O. Meredith Wilson, Dean Sherwood O. Berg (Institute of Agriculture), Dean Rodney A. Briggs (Morris), Dean Richard S. Caldecott (Biological Sciences), Assistant Vice President Paul H. Cashman (Educational Relationships and Development), Dean Willard W. Cochrane (International Programs), Dr. Donald Cowan (Health Service), Dean Bryce L. Crawford, Jr. (Graduate School), Provost Raymond W. Darland (Duluth), Professor Gertrude Gilman (Hospitals), Dean Paul V. Grambsch (School of Business Administration), Dean George P. Hager (Pharmacy), Professor Edwin L. Haislet (Alumni Relations), Mr. James H. Hammill (Administrative Assistant to the President), Dean Robert B. Howard (Medical Sciences), Dean Robert J. Keller (Education), Professor Elmer W. Learn (Assistant to the President), Dean William B. Lockhart (Law), Vice President Laurence R. Lunden (Business Administration), Captain James M. Marshall (ROTC Units), Assistant Dean Keith N. McFarland (Institute of Agriculture), Dean Horace T. Morse (General College), Mr. William L. Nunn (University Relations), Professor Marshall W. Ryman (Athletics), Dean Erwin M. Schaffer (Dentistry), Vice President William G. Shepherd (Academic Administration), Assistant Vice President Donald K. Smith (Academic Administration), Dean Athelstan F. Spilhaus (Institute of Technology), Professor Edward B. Stanford (Library), Dean Robert E. Summers (Admissions and Records), Dean Willard L. Thompson (Summer Session and General Extension), Dean William T. S. Thorp (Veterinary Medicine), Dean Alfred Vaughan (University College), Vice President Stanley J. Wenberg (Educational Relationships and Development), Dean Edmund G. Williamson (Dean of Students), Dean E. W. Ziebarth (Liberal Arts).

Committee on Senate Committees: William P. Martin (1962-63, 1963-66), *chairman*, Horace T. Morse (1962-65, 1965-68), Eleanor S. Fenton (1962-63, 1963-66), William A. Rosenthal (1963-64, 1964-67), Robert L. Jones (1965-68), Maynard C. Reynolds (1965-67).

Faculty Consultative Committee: Alfred O. C. Nier (1962-65, 1965-68), *chairman*, Harold C. Deutsch (1962-65, 1965-68), Robert H. Beck (1964-67), John G. Darley (1964-67), Walter W. Heller (1965-68), David K. Berninghausen (1965-66), Alexander C. Hodson (1963-65, 1965-66, committee appointed to represent the St. Paul Campus), Dean A. Crawford (1964-65, 1965-66, committee appointed to represent the Duluth Campus), William P. Martin (1965-66, committee appointed to fill the place of the late Cyrus P. Barnum).

IV. REPORT OF THE ADMINISTRATIVE COMMITTEE

Reported for Information

1. *Orientation Program for New Faculty Members.* Director Nunn called attention to the orientation program for new faculty members and their families scheduled for the evening of September 22. He outlined some of the procedures to be followed and reported the approximate number of persons expected. It was understood that, for the present, this activity will substitute for a President's reception for the entire faculty.

2. *Annual Survey of Recurring Professional Commitments.* The Regents' regulations state that members of the University faculty who wish to engage in any recurring professional service outside of the University must seek prior approval from the Regents. To keep the records complete and current, an annual inventory of these recurring commitments—consultantships and other outside work—is requested of all faculty members, deans, directors, and department heads; a simple new President's Office form, No. 15, available from the General Storehouse, may be used for reporting. The Academic Vice President distributed a memorandum to deans, directors, and department heads, which asks that information of this kind reach the President's Office through appropriate college channels no later than November 15.

3. *Report of the Committee on University Honors.* Dean Morse, chairman of the Committee on University Honors, reported recommendations for the naming or re-naming of certain University properties. Among these

were three residence halls on the Morris Campus, the Center for Continuation Study on the Minneapolis Campus, and two buildings on the Duluth Campus. The committee received the report for information and transmission to the Regents. Dean Morse also presented a nomination for an outstanding achievement award, and it was voted to endorse this for Regents' action.

4. *Submission of Items for the Regents' Docket.* President Wilson emphasized the importance of observing the deadlines announced in official notices for inclusion of material in the Regents' docket. A time span of 10 days to 2 weeks in advance of each Regents' meeting is necessary to give the Regents opportunity to review materials.

5. *Excusal from Classes During Jewish New Year, September 27-28, 1965.* Reference was made to an official notice and to a letter circulated by the Co-ordinator of Students' Religious Activities regarding the occurrence of the Jewish New Year (Rosh Hashanah) on September 27-28, the first 2 days of classes in the fall term. Deans and directors were asked to call these statements to the attention of all instructors.

Communication on matters of general interest was discussed, and reference was made to the necessity for transmitting news releases and official notices to the Duluth and Morris Campuses.

6. *Educational Communications Plans of Midwestern Universities.* The President commented on the communications problems of large universities and then introduced the plan for an electronic communications network of Big Ten institutions and the University of Chicago being developed on an exploratory basis by the Committee of Institutional Cooperation (the CIC—in which the University of Minnesota holds membership), and the National Association of Educational Broadcasters (NAEB). This experiment in communications, financed by a grant by the U.S. Office of Education under the National Defense Education Act, is called the Educational Communications System. Present in the meeting were visitors from Purdue University and interested University personnel.

James S. Miles, director of Purdue University television, was introduced by Professor Burton Paulu and invited to speak on behalf of the project. Mr. Miles compared the communications work of the CIC to that of similar pilot projects and said that first efforts in the CIC will be centered on determining what material can be usefully transmitted and how this kind of institutional communication can be implemented here and elsewhere. He indicated that emphasis will definitely be on educational needs and, at the outset, on some of the rather simple uses of such a communications network. Radio, teletype, and simple data transmission will be promoted, as well as conference telephone calls and, ultimately, the more complex techniques of television, central data retrieval, and unusual multiplexing and recording. A large local committee of interested staff members, together with the larger CIC committee, will explore possibilities and promote development of this system of educational communication.

Discussion followed, during which there were a number of questions and comments. It was pointed out that in the geographic area of the Big Ten schools, there is no comprehensive, formal regional board of educational institutions, but the CIC hopefully will serve the purpose of such a representative board. It was the consensus of the committee that this project deserves support both on its own merit and on behalf of the growing value of the CIC.

7. *The Recommendation of the Co-ordinating Council on Fund Raising.* The committee received from Vice President Wenberg a brief recommendation on fund raising policy at the University which had originated with the Co-ordinating Council. In brief, the statement discourages the establishment of new and separate corporate entities for fund raising, indicates the comprehensive nature of channels now available to benefactors, and encourages close co-ordination of the work of existing separate fund raising groups with the work of the Co-ordinating Council. During discussion of the proposal it was pointed out that the recommendation will not affect efforts such as those of the Minnesota Medical Foundation; it should insure good general University stewardship and promote confidence and convenience in giving to the University. It was voted to approve the policy statement for action by the Regents.

R. E. SUMMERS, Secretary

V. REPORT OF THE COMMITTEE ON BUSINESS AND RULES

Reported for Action

Consistent with the recommendations of the Committee on Senate Committees which were endorsed by the Senate at the June 3, 1965 meeting, the following changes in certain sections of Article III of the by-laws are proposed.

PROPOSED CHANGES IN BY-LAWS

(Additions underlined. Deletions in brackets)

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

3. Educational Policy

There shall be a standing Committee on Educational Policy composed of at least [nine] eleven members including ex-officio representation of the following offices: Vice President, Academic Administration; office of the President, specifically that person designated as responsible for University Planning. It shall seek ways

5. Institutional Relationships

There shall be a standing Committee on Institutional Relationships, to consist of at least [seven] eight members including ex-officio representation of the office of the Vice President for Educational Relationships and Development, whose chief concern

6. Institutional Research

There shall be a standing Committee on Institutional Research composed of at least [10] 11 members including ex-officio representation of the Bureau of Institutional Research. It shall advise

9. Library

There shall be a standing Committee on Library consisting of [nine] at least 11 members including ex-officio representation of the Director of University Libraries and 2 students. Its duties shall be

10. Reserve Officers' Training Corps

There shall be a standing Committee on ROTC consisting of at least nine staff members

11. Senate Committees

. . . . In case of a vacancy, the replacement procedure shall be in principle as provided for the Faculty Consultative Committee.

12. Student Affairs

There shall be a standing Committee on Student Affairs of at least [26] 27 members, consisting of faculty, students, alumni, and administrators including ex-officio representation of the Dean of Students; student members shall exceed

17. All-University Extension

There shall be a standing Committee on All-University Extension. It shall consist of not less than [16] 18 members including ex-officio representation of the Dean of the General Extension and of the Director of the Agricultural Extension Service. Its function shall be

E. D. MONACHESI, Chairman

VI. REPORT OF THE COMMITTEE ON CLOSED-CIRCUIT TELEVISION

I. Reported for Information

The Senate Committee on Closed-Circuit Television met on Tuesday, October 5, 1965, to receive a report on closed-circuit television offerings in the fall quarter.

A total of 29 courses are being taught entirely or in part by closed-circuit television during the fall quarter of 1965. Of these, 4 are available to students on the Minneapolis and St. Paul Campuses, 21 on the Minneapolis Campus alone, and 4 to students in Rochester, Minnesota. An estimated 12,000 students are enrolled in the 29 courses.

To present these courses, the Department of Radio and Television makes use of two videotape record and playback units, two videotape playback-only units, and a studio with three image orthicon cameras all in Eddy Hall; and a studio with two vidicon cameras in the Aeronautical Engineering building.

The total seating capacity of rooms equipped for closed-circuit viewing is 7,380. The total number of rooms equipped for viewing is 33, including Northrop Auditorium which has been provided with an amphicon large-screen projector for use in teaching Psychology 1. Of the 33 rooms, 3 are on the St. Paul Campus with seating accommodations for 198.

A total of 145 hours of classroom transmissions are produced each week. Of these, 36 are produced live from the studios; 97 are by videotape playback; and 12 are live to Rochester.

Present facilities are now being used to capacity. The 1965 legislature appropriated to the University funds for the construction of an additional studio and the equipping of it. The new studio will be located in a temporary building to be constructed on the west side of Eddy Hall. It is anticipated that this studio will not be ready for operation prior to the summer of 1966.

Courses being offered by closed circuit in the fall quarter include: Accounting 24, 25; Anthropology 1A; Biology 1, 2; Educational Psychology 193; French 1; General Chemistry 4; General College 30A (Reading); Geography 1; Geology 1; German 1A; History 1, 1H, 115E; Law 106; Mechanics and Materials 35, 36, 37; Psychology 1, 4; Sociology 45; Spanish 1; Speech 65; Theatre 41, 63; Electrical Engineering 167, 173, 194; Mathematics 147.

The committee heard a report on a developmental project which will provide a two-way closed-circuit link between the Minneapolis Campus and Rochester, Minnesota. A specially equipped classroom on the Minneapolis Campus when linked by the two-way circuit with a specially equipped classroom in Rochester will permit the professor lecturing in the classroom on campus to view the students in the classroom in Rochester, while talk-back facilities permit the students in Rochester to participate in classroom discussions with those in the classrooms on campus. The project is being funded by the International Business Machines Corporation, with the facilities being used in part to transmit graduate programs in electrical and mechanical engineering to IBM employees enrolled in the graduate programs. At the same time the facilities will be available on a 24-hour basis

for other course offerings and special purposes. It was suggested that the closed-circuit link will provide unique opportunities to the College of Medical Sciences and the Mayo Graduate School of Medicine. It is anticipated that the full installation will be in service in the winter quarter. Meanwhile a one-way closed-circuit link is being used to transmit courses to Rochester.

The committee also heard a report on the "Feasibility Study of Inter-Campus Television," which was funded by the 1965 legislature and vested in the University. As proposed by the legislature, the study will encompass but not be limited to: (a) an evaluation of the educational needs emphasizing but not limited to the university, state colleges, and state junior colleges which might be effectively and efficiently served by the inter-institutional use of televised instructional materials; (b) an engineering survey of the facilities required to provide inter-institutional use of televised instructional materials; (c) an evaluation of the costs and other considerations affecting the relative merit of using different methods of transmitting televised instructional materials between institutions; (d) an inquiry into the co-ordination problems associated with inter-institutional use of televised instructional materials; (e) experimental testing of the feasibility of inter-institutional co-operation in the use of televised instructional materials; and (f) the preparation of a report summarizing the findings of the study and recommending to the state legislature the most appropriate program for developing the educational materials, facilities, and policies which will provide the most effective and efficient inter-institutional use of televised materials.

Paul Cashman, assistant vice president for educational relationships and development has been named director of the study, which will be implemented through the Bureau of Institutional Research.

2. Reported for Action

CENTRALIZATION OF CCTV FACILITIES

On February 6, 1964, the Senate Committee on Closed-Circuit Television recommended to the University Senate that "central authority for future closed-circuit television installations at the University should rest with the Department of Radio and Television, with the understanding that this policy is not to affect existing installations unless mutually agreed to by the parties concerned."

This recommendation was reported to the Senate "for information." Subsequent developments have caused the committee to seek a restatement of the policy which is at this point submitted to the University Senate for action:

In order to ensure the most effective development of the use of closed-circuit television at the University of Minnesota and to avoid costly duplication of installations, responsibility for the establishment, scheduling, operation, and maintenance of such installations shall rest with the Department of Radio and Television. It is understood that this policy will not pertain to those installations which are established wholly for research purposes, nor will it pertain to those installations presently under the control of the Department of Anatomy in the College of Medical Sciences or the School of Dentistry. However, in planning closed-circuit television installations which shall be wholly for research purposes, departments will consult with the Department of Radio and Television to ensure compatibility of installations and equipment. The same shall hold for the Department of Anatomy in the College of Medical Sciences and the School of Dentistry should they seek to add to installations now under their control. In the event of misunderstanding or disagreement between the Department of Radio and Television and a department seeking to install or expand closed-circuit television facilities, the Senate Committee on Closed-Circuit Television will serve as the appeal body.

There are compelling reasons for centralized planning, operation and scheduling of closed-circuit television facilities designed for instructional use:

1. Unnecessary duplication of costly installations must be avoided if the University is to make maximum use of its resources in the orderly development of its total closed-circuit operations.
2. Compatibility of installations is essential to ensure maximum flexibility in the use of closed-circuit installations in support of the total instructional programs of the University.
3. Centralized scheduling is of critical importance in ensuring maximum effective employment of the facilities.
4. Centralized operations are necessary if we are to eliminate costly duplication of technical staff.

The Department of Radio and Television has achieved distinction for the high levels of efficiency and effectiveness of the present closed-circuit instructional program at the University. In the process, its personnel both in technical and program areas have achieved levels of professional competence that have brought them national recognition in educational broadcasting. The policy proposed here would ensure that those competencies would be available to all units of the University in the development of closed-circuit television installations of maximum effectiveness.

The goal of this policy is not to place obstacles in the path of those who seek to make use of closed-circuit television either as a research or a teaching instrument. Quite the contrary is true. Both the Senate Committee on Closed-Circuit Television and the Department of Radio and Television wish to encourage experimentation with television as a teaching and research tool. The rapid development of closed-circuit instruction at the University gives clear evidence of a growing interest in such activity and the encouragement it has received. It is as a consequence of this rapid growth that the policy outlined above assumes added importance.

WILLARD L. THOMPSON, chairman

(There will be a pause in the proceedings to permit the seating of the non-Senate members of the Committee on Intercollegiate Athletics for the discussion of their report.)

VII. REPORT OF THE COMMITTEE ON INTERCOLLEGIATE ATHLETICS

1. Reported for Action

Amendment of Regulation II, Section 6

This section prohibited intercollegiate competition among freshman teams. Upon recommendation of the directors of athletics an amendment of Regulation II, Section 6 was adopted by an institutional vote (seven in favor, three, including Minnesota, opposed) "to permit freshman football teams of member institutions to engage in two intercollegiate contests, to be played in November."

This amendment is now subject to institutional review under the White Resolution procedure; if any member files a vote of rejection before November 26, the amendment must be reaffirmed by the conference before it can become effective. No freshman games can be played, therefore, in 1965.

While your committee favors actions designed to make intercollegiate athletic competition a part of many students' experience if it is in keeping with their educational objectives, it is opposed to the amendment quoted above. The traditional position of the conference that freshmen should not be distracted from their studies by competition against teams from other institutions is sound. With the advent of higher scholastic standards for initial admission to and retention in the various colleges of the University and with the development of greater competition in the classroom among a more select group of students, most student-athletes need protection against rather than encouragement for many distractions. Their individual and organized athletic practices provide a good outlet against too much book work. Moreover, your committee finds no justification for denying to freshmen interested in other sports what is proposed to be permissible for football.

Adoption of this amendment would tend to increase pressures for winning football. It would not materially broaden the base for competitive experience by more students inasmuch as the participants in these freshman games would inevitably be the recruited, subsidized, and "listed" star athletes.

RECOMMENDATION: That the University of Minnesota file rejection of the amended Regulation II, Section 6.

2. Reported for Information

1. Amendment of Rule 8

At the meeting of May 20-21, 1965, the faculty representatives voted to amend Eligibility Rule 8, Section 2 which had been reported to this Senate for action after it was first adopted by the conference (Minutes of October 31, 1963, p. 13). At that time, upon recommendation of this committee, the Senate voted to reject adoption of Rule 8. In December 1963 the faculty representatives reaffirmed by a vote of 8 to 2 the adoption of Rule 8. This rule limits the number of grants-in-aid which may be made to students participating in football and basketball; it requires that all participants receiving such grants must be "listed" with the commissioner as football or basketball players and that no student shall be eligible to compete in these sports unless he is "listed." In effect, the unrecruited, unsubsidized athlete had, before the present amendment, virtually no opportunity to compete ever in these sports, unless he was later "listed." There was little incentive for such students to try out for the freshman teams and our recent experience bears this out. This was one of the consequences of Rule 8 which Minnesota anticipated and deemed objectionable. The amendment now adopted, with Minnesota voting in favor, liberalizes the requirements of the "listing" procedure by adding new paragraph f:

"Any student not a recipient of financial assistance under Rule 7, Section 3 who has completed two full years of academic work at a Conference institution is exempt from the listing procedure for football and basketball provided two calendar years have elapsed since his matriculation at the Conference institution."

2. Suspension of Implementation of Rule 10 Section 7

By a mail vote conducted on September 1965 the faculty representatives voted to suspend until further notice any disciplinary action against students who compete in violation of Rule 10, Section 7 which is quoted: "OPEN COMPETITION. The Intercollegiate Conference accepts the sanctioning authority for open competition of the U.S. Baseball Federation, the Basketball Federation of the United States of America, the U.S. Gymnastic Federation and the U.S. Track and Field Federation. No student shall be eligible for intercollegiate athletic competition if he

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competes in any event not exclusively intercollegiate in the sport of baseball, basketball, gymnastics, or track and field unless that event has been sanctioned by the Federation for that sport. This rule shall not apply to events conducted outside that Federation's national jurisdiction."

Minnesota voted for suspension. After this rule was first adopted by the faculty representatives (Minnesota voting against adoption) in December 1964, the Senate, upon recommendation of this committee, voted to file rejection of Section 7. (Minutes of February 4, 1965, p. 67). In March 1965 the faculty representatives by a vote of 8 to 2 sustained the original adoption of Section 7. The Committee on Commerce of the United States Senate, Senator W. G. Magnuson serving as chairman, held hearings in August and September 1965 on a jurisdictional dispute between the Amateur Athletic Union and the National Collegiate Athletic Association (in which the Big Ten Conference and the University of Minnesota hold membership). At these proceedings the president of the National Collegiate Athletic Association, Professor Everett D. Barnes of Colgate University, agreed that "any disciplinary action proposed or pending against individuals, institutions, and organizations for reasons related to such dispute shall be suspended." Inasmuch as the adoption of Section 7 was related to the substance of the dispute heard before Senator Magnuson's committee, the conference is in full compliance with the spirit and the commitment made by the National Collegiate Athletic Association.

3. Statistics for Intercollegiate Athletics 1964-65

Sport and Coach	Total Number Games or Meets	Total Number Conference Games or Meets	Total Number Non-conference Games or Meets	Total Number Receiving Athletic Instruction Including Freshmen	Number of Varsity Candidates	Number of Varsity Candidates Eligible for Intercollegiate Competition	Number Having Competition	Number "M" Awards	Number Freshman Candidates	Number Freshman Numerals Awarded	Number Games or Meets Won	Number Games or Meets Lost	Number Games or Meets Tied
Baseball—Siebert	42	15	27	94	37	29	26	13	65	23	17	11	0
Basketball—Kundla	24	14	10	28	12	11	12	10	16	9	19	5	0
Cross Country—Griak	9*	4	3	53	19	14	20	8	34	5	7	1	0
Football—Warmath	9	7	2	137	63	60	44	40	74	37	5	4	0
Golf—Bolstad	13	6	7	28	14	11	10	8	14	11	10	5	0
Gymnastics—Piper	16	6	10	35	15	13	10	6	20	10	4	10	0
Hockey—Mariucci	29	10	15	77	29	25	21	16	48	20	14	13	2
Swimming—Mowerson	12	8	4	59	31	22	13	15	28	21	4	4	0
Tennis—Lewis	16	10	6	24	12	10	8	6	12	5	7	9	0
Track—Griak	18	8	10	55	35	34	29	19	20	18	5	3	0
Wrestling—Johnson	18	13	5	45	20	20	18	8	25	5	20	5	0
TOTALS	202	101	99	625	287	249	231	149	356	164	112	70	2

* This total includes two triangular meets.

4. Approved Schedules

CROSS COUNTRY 1965

Oct. 2	Wisconsin
8	Drake—Des Moines
16	Michigan State—East Lansing
23	Northwest Open
29	Iowa—Iowa City
Nov. 8	Big Ten Championships
12	Central Collegiate—Chicago
23	National Collegiate Championships—Lawrence, Kansas

ICE HOCKEY 1965-66

Nov. 16	Preview
22	Alumni
26	Colorado College—Colorado Springs
27	Colorado College—Colorado Springs
Dec. 3	Michigan Tech
4	Michigan Tech
18	Wisconsin
28	St. Paul Collegiate Hockey Tournament—St. Paul
29	St. Paul Collegiate Hockey Tournament—St. Paul
Jan. 1	U. M. Duluth—Duluth
7	Michigan
8	Michigan
14	Michigan State—East Lansing
15	Michigan State—East Lansing
21	Colorado College
22	Colorado College
28	Michigan State
29	Michigan State
Feb. 4	North Dakota—Grand Forks
5	North Dakota—Grand Forks
8	U. M. Duluth
11	Michigan—Ann Arbor
12	Michigan—Ann Arbor
18	North Dakota
19	North Dakota
22	Wisconsin—Madison
25	Michigan Tech—Houghton
26	Michigan Tech—Houghton

WRESTLING 1965-66

Nov. 27	Open Tournament
Dec. 1	North Dakota
4	Open Tournament—Iowa City
Jan. 8	Northwestern, Purdue, Michigan State—Evanston
14	South Dakota State
15	Iowa
21	Michigan—Ann Arbor
22	Michigan State—East Lansing
28	Nebraska—Lincoln
Feb. 4	Iowa State—Fridley
5	Wisconsin
11	Purdue—Lafayette
12	Indiana, Ohio State—Bloomington
19	Illinois—Urbana
26	Colorado University
Mar. 4-5	Big Ten Meet—Urbana
19	State College of Iowa—Cedar Falls
24-25-26	NCAA—Ames

BASKETBALL 1965-66

Dec. 1	North Dakota
4	Iowa State
7	Drake
18	Creighton
20	Detroit—Detroit
23	Utah State—Logan
27-29-30	Quaker City Tournament—Philadelphia
31	Loyola—Chicago
Jan. 8	Michigan State—East Lansing
15	Indiana
22	Michigan—Ann Arbor
29	Purdue—Lafayette
Feb. 1	Northwestern
5	Purdue
12	Michigan State
15	Iowa—Iowa City
19	Illinois—Urbana
21	Ohio State
26	Illinois
28	Indiana—Bloomington
Mar. 5	Ohio State—Columbus
7	Wisconsin

SWIMMING 1965-66

Dec. 2	Water Show
3	Water Show
4	Minnesota Time Trials
Jan. 8	Big Ten Relays—Madison
15	Iowa
22	Ohio State—Columbus
28	Northwestern—Evanston
29	Nebraska
31	Indiana

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Feb. 5	Michigan
12	Purdue and Wisconsin
14	Iowa State—Ames
19	Michigan State
24	Varsity versus Freshmen
Mar	
3-4-5	Big Ten Championships—Iowa City
24-25-26	NCAA Championships—Colorado Springs

GYMNASTICS 1965-66

Dec. 3-4	Midwest Open—Chicago
18	Mankato State College
Jan. 8	Wisconsin—Madison
15	Iowa and Nebraska
22	Western Illinois and Bemidji State College
28	Illinois (Navy Pier)—Chicago
29	Illinois—Urbana
Feb. 5	Ohio State and Northern Illinois
18	Michigan State—East Lansing
19	Northwest Open
26	Indiana and University of Chicago
Mar. 4-5	Big Ten Championships—Bloomington
18-19	NCAA Regionals—Chicago
April 1-2	NCAA Championships—Pennsylvania State University

FOOTBALL 1966

Sept. 17	Missouri—Columbia
24	Stanford
Oct. 1	University of Kansas
8	Indiana—Bloomington
15	Iowa
22	Michigan—Ann Arbor
29	Ohio State
Nov. 5	Northwestern—Evanston
12	Purdue
19	Wisconsin—Madison

A. L. VAUGHAN, Chairman

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

VIII. NECROLOGY

DWIGHT E. MINNICH

1890-1965

Dwight E. Minnich, former chairman of the Department of Zoology, died September 4, 1965, in Paris, France. Professor Minnich was born in Hutchinson, Kansas, January 28, 1890. He received his B.S. degree from Miami University in Ohio in 1910 and an honorary Sc.D. degree in 1946. He was granted the Ph.D. degree from Harvard in 1917. In 1922 he was married to Helen Benton.

During World War I, he served in the Medical Corps and Sanitary Corps in Europe. Following a year's fellowship at the University of California, he accepted an instructorship at Syracuse University. In 1920 he became an instructor at the University of Minnesota and subsequently rose rapidly through the ranks to become a professor in 1928 and chairman in 1930, a position he held until his retirement in 1958.

Much of Professor and Mrs. Minnich's energy since Professor Minnich's retirement had been devoted to their rare old prints which they had collected for the past 40 years. They had formed an outstanding collection of natural history, costume, and other prints, many of which have been exhibited a number of times, including two exhibitions at the Minneapolis Institute of Arts. They had made a number of trips to Europe in search of rare prints.

Professor Minnich is remembered by thousands of students as a master teacher in the general zoology course. He believed that this was the most important course offered by the department and he therefore spent much time and effort in developing the course. His lectures were masterpieces of exposition and clarity and were delivered with infectious enthusiasm.

Until the time when administrative duties preempted much of his efforts, Professor Minnich published extensively in the field of invertebrate sensory physiology. In 1927-28 he went abroad on a Guggenheim Fellowship and worked in the laboratory of Karl von Frisch in Munich.

Many of Professor Minnich's summers were devoted to research at the Mt. Desert Island Biological Laboratory in Maine where he served as vice president from 1936 to 1947 and president from 1947 to 1950.

Professor Minnich was active in a number of professional societies, among them the Entomological Society of America, the American Society of Naturalists, and the American Society of Zoologists. He served the latter group as secretary from 1925 to 1930, as vice president in 1931, and president in 1946. He was also a member of the National Research Council from 1941 to 1944. He was an adviser to the St. Paul Science Museum in the preparation of the "Miracle of Life" exhibit.

Professor Minnich had long been interested in the problems of human inheritance. He was one of those instrumental in establishing the Dight Institute for Human Genetics at the University of Minnesota. He was a past president of the Minnesota Human Genetics League and director of Planned Parenthood of Minneapolis.

As chairman of the Department of Zoology, Professor Minnich with his characteristic energy and depth of vision guided and built an enthusiastic and competent department. His interests were broad and his relationships with the staff were most friendly and co-operative, and he showed an interest in the smallest detail of the many problems encountered by the staff. His contribution to the development of the zoological work at the University of Minnesota will always serve as one of his greatest achievements.

Death came quickly and mercifully in a city that Professor Minnich loved. He is survived by his wife and two sons, Benton and Conrad.

JOHN MICHAEL SULLIVAN

1901-1965

John Michael Sullivan of the Department of Romance Languages died in Franch, March 24, 1965, while on sabbatical leave. His ashes remain at the Père Lachaise Cemetery in Paris.

Appointed as an instructor in French in 1945, he became an assistant professor in 1953 and had recently been promoted to the rank of associate professor. Professor Sullivan taught language courses, with a special interest in experimental and remedial phonetics. His qualifications and concentration made him particularly valuable to French majors in the College of Education.

Born in Minneapolis, August 5, 1901, Professor Sullivan attended Duluth Central High School, then continued his studies at Lawrence College in Appleton, Wisconsin, graduating *summa cum laude* in 1923. After studying at the University of Dijon in the summer of 1923, he did graduate work at the University of California in 1924-25 and at the University of Clermont-Ferrand in 1926-27. After teaching for a year at Bates College in Maine (1927-28) and at Lawrence College (1928-29) he went to the University of Wisconsin in 1929, completed his M.A. in 1930, and remained on the staff until 1941.

Professor Sullivan joined the French staff at the University of Minnesota after serving from 1942 to 1945 as a training officer in the Office of Censorship. His students, and especially those who were preparing to be teachers of French, appreciated his painstaking methods, his conscientious and personalized instruction, and not least the gentle sense of humor so valuable in a person who spent his life teaching French pronunciation.

THE UNIVERSITY SENATE

DOCKET SUPPLEMENT - NOVEMBER 4, 1965

I. REPORT OF THE COMMITTEE ON INSTITUTIONAL RELATIONSHIPS

Reported for Action

The By-Law establishing the Senate Committee on Institutional Relationships prescribes that its "chief concern shall be the relation of the University to other institutions of higher learning." Among its particular responsibilities are to "promote articulation between the University and other educational institutions of the state and develop plans for making the University more helpful to them."

The Committee has been concerned with other institutions mainly in terms of accreditation, transfer of credits and the effect of admissions policies on enrollment. It will continue to devote a major portion of its attention to these responsibilities. The conviction has grown, however, that as a Committee of the Senate some of its attention should be devoted to the promotion of closer and mutually beneficial relations between the University faculty and the faculties of other institutions of higher learning in the state.

The Committee has laid the groundwork for a conference along the lines of the very successful conference held in 1961 at Little Falls, but with representation from other faculties as well as our own to be included. Full and final plans should be drawn up by a Planning Committee with broad extra-University representation. In the meantime, preliminary planning has been and will continue to be done by the Senate Committee's Subcommittee on Intercollegiate Relationships, in cooperation with the Office of the Vice President for Educational Relationships and Development.

It is recommended that the Senate formally indicate its sponsorship of such a conference and invite the Association of Minnesota Colleges and the State Conference of the AAUP to join as co-sponsors.

T. E. Kellogg, Chairman

II. SENATE COMMITTEES FOR 1965-66
Reported for Action

The President reports the following change in committee appointments:

Library: J. C. Levenson to replace Orville Dahl.

Reserve Officers Training Corps: Richard B. Dunsworth to replace Orem O. Robbins (alumni).

III. NON-SENATE COMMITTEES AND BOARDS FOR 1965-66
Reported for Information

The President reports non-Senate committees and boards and their membership for 1965-66 as follows:

1. ALL-UNIVERSITY COMMITTEES

Civil Service Committee: C. Luverne Carlson, Clarence L. Cole, N. L. Gault, Allen H. McCoid, Alfred O. C. Nier, Frank F. Pieper (executive secretary).

Computer and Tabulating Facilities, University Advisory Committee on: John Overend (chairman), Neal R. Amundson, Francis Boddy, W. B. Cheston, R. O. Collier, Ralph E. Comstock, John Darley, Gordon Davis, William Flanigan, Charles Gates, John L. Gergen, Clinton T. Johnson, Arnold Lazarow, William Munro (secretary), William G. Shepherd (ex officio), Marvin Stein.

Conference Center Committee, All-University: Wayne Bath (chairman), Frederick E. Berger, C. Luverne Carlson, Paul Cashman, Frederick M. Chapman, Donald P. Duncan, Elmer W. Learn, William H. Marshall, John Schultz, Gordon L. Starr, Donald Woods, Donald Zander. Students: Marie Hagen, William Henry, Lora Jacobson, Diana Shimizu, Sandra Teorey, Margaret Wolf.

Coordinating Council: O. Meredith Wilson (chairman), Stanley J. Wenberg (vice-chairman), Fred C. McCormick (secretary), Rodney A. Briggs, Richard Caldecott, Willard Cochrane, Bryce L. Crawford, Raymond W. Darland, Harold Deutsch, Paul V. Grambsch, George P. Hager, Edwin L. Haislet, Eivind O. Hoff, Alexander Hodson, Robert B. Howard, Robert J. Keller, William B. Lockhart, Laurence R. Lunden, Keith N. McFarland, Erwin Schaffer, William T. S. Thorp.

Defense Mobilization: Robert Elliott (chairman), Gaylord W. Anderson, W. D. Armstrong, Murray Bates, Richard G. Bond, C. Luverne Carlson, Robert Carr, Holger Christianson, Raymond W. Darland, Daniel Gislason, Clifford Halsey, James Hammill, Clinton B. Hanscom, Andrew Hustrulid, Glenn H. Johnston, Richard Jordan, Thomas King, Eugene A. Kogl, Ronald T. Lambert, Leonard A. Leipus, Rodney C. Loehr, Roy V. Lund, Art Lundberg, Laurence R. Lunden, Keith McFarland, George S. Michaelsen, Glenn Mitchell, Morris A. Mitteness, Edmund A. Nightingale, Paul Nightingale, William L. Nunn, Clarence R. Osell, Roger B. Page, Orville C. Peterson, Max O. Schultze, Martin L. Snoke, Robert E. Summers, R. Joel Tierney, George Weaton, Kenneth T. Whitby, Cedric Williams, Edmund G. Williamson, Donald Z. Woods.

Foreign Students, Committee on: Forrest Moore (chairman), Neal Amundson, Robert H. Beck, John R. Borchert, Paul H. Cashman, Clarke A. Chambers, Willard Cochrane, Bryce Crawford, Selmer A. Engene, Phillip Kernan, Charles H. McLaughlin, Louise A.

Stedman, Barbara J. Stuhler, Robert E. Summers, Edmund G. Williamson, Chester W. Wood.
Students: Robert King, Carole Osberg.

Judiciary Council, All-University: Curtis L. Larson, Robert H. Miller, Stephen B. Scallen, LeVerne F. Snoxell, Richard D. Springer (secretary, ex officio). Students: Charles H. Grodnik, David Lillesand, James Ludwig, Joseph Trombley, Barbara Wallis.

Minnesota Program of Continuing Education for Women, Advisory Committee for: Donald K. Smith (chairman), E. W. Ziebarth, Elizabeth Cless, Francis Boddy, Vera Schletzer, Willard L. Thompson, Edmund Williamson.

Press Committee: Donald K. Smith (chairman), Bryce Crawford, John Ervin, Alexander Hodson, Robert Howard, Robert Hoyt, Charles McLaughlin, Robert Moore, E. W. Ziebarth.

Programmed Learning, Advisory Committee on: Robert H. Beck (chairman), Emma Birkmaier, Francis M. Boddy, Henry Borow, John Goodding, Wesley J. F. Grabow, Stephen G. Granger, James J. Jenkins, Richard C. Jordan, Kenneth MacCorquodale, Robert C. McClure, Horace T. Morse, Daniel C. Neale, John Neter, Alton L. Raygor, Donald K. Smith, E. B. Stanford, Edward S. Sulzer, Armas W. Tamminen, Philip G. Walthers, Roger Wilk.

Programs for Prevention and Control of Delinquency and Crime, All-University Advisory Committee for: Maynard E. Pirsig (chairman), Richard W. Anderson, Bruce Balow, Richard J. Clendenen (ex officio), John C. Kidneigh, William Milbrath, Elio Monachesi, Donald K. Smith, Robert D. Wirt, Donald Z. Woods.

Residence Status, Board of Review on: Robert E. Summers (chairman), Havard W. Archerd (ex officio), Henry A. Bent, Raymond N. Bieter, David R. Briggs, Herbert G. Croom (ex officio), Theodore E. Kellogg, John G. O'Brien. Student: Morris Knutsen.

Schedule Committee, University: T. E. Pettengill (chairman), Vernon L. Ausen (secretary), Robert K. Anderson, Steve S. Barich, Stanley Barlow, Paul Cashman, Herbert Croom, Thomas W. Chamberlin, Wendell J. DeBoer, Richard J. Donnelly, Charles Finian, Edna Fritz, Albert M. Fulton, Millard Gieske, Nicholas A. Glaskowsky, Charles Glotzbach, Mellor Holland, Elmer W. Learn, Charles Netz, J. A. O'Brien, Roger B. Page, Leon Rottmann, Alfred L. Vaughan. Students: Martha Sicora, Larry Stoller, Susanne Wood.

Scholarship Committee, University: George Risty (executive secretary), Edwin Emery, Robert E. Summers, E. G. Williamson. Student: Alexander Wilkinson.

Student Behavior, Committee on: G. Gordon Kingsley (chairman), Norman DeWitt, Dewey Force, John Goodding, Keith Heller, Barbara Knudson, Clarence Lund, Clarence Mueller, Stephen Scallen, Timothy Smith, L. F. Snoxell. Students: Paula Leventhal, Jay Mega, Leslie Rea, Jeremy Gottstein.

Summer Research Appointments, Committee on: Bryce Crawford (chairman), Richard S. Caldecott, Marcia Edwards, Paul V. Grambsch, R. S. Hoyt, William F. Hueg, Frank Verbrugge, E. W. Ziebarth.

Tenure Advisory Committee: William G. Shepherd (chairman), Eleanor S. Fenton, Bernard V. Haxby, Carl B. Heggstad, James Hogg, Daniel C. Neale (secretary), Thomas A. Nelson, John Turner, Roy D. Wilcoxon.

Testing for Admission and Orientation, Committee on: Horace T. Morse (chairman), Ralph F. Berdie, Paul Cartwright, Paul Cashman, Herbert G. Croom, William H. Edson, Robert J. Falk, Theodore E. Kellogg, G. Gordon Kingsley, Roger B. Page, John A. Goodding.

2. ADVISORY COMMITTEES AND BOARDS TO CERTAIN OFFICES AND AGENCIES

Dight Institute Advisory Committee: Bryce Crawford (chairman), Richard S. Caldecott, Ralph E. Comstock, Robert B. Howard, Elio D. Monachesi, Sheldon C. Reed, Nelson T. Spratt, Robert Wirt, E. W. Ziebarth.

Hornell Institute Board: Bryce Crawford (chairman), Sherwood O. Berg, David E. Donald, LaVell M. Henderson, J. G. Hunting.

Itasca Forestry and Biological Station Advisory Committee: Willard L. Thompson (chairman), Ernst C. Abbe, James L. App, Richard Caldecott, Richard L. Evans, David W. French, Alexander C. Hodson, Frank H. Kaufert, William H. Marshall, William P. Martin, Theron C. Odlaug, Gerald B. Ownbey, Nelson T. Spratt, Edward Sucoff, James C. Underhill.

Memorial Fund Committee: Mrs. W. J. Breckenridge (chairman), Thomas W. Chamberlin, Stephen Granger, Mrs. Clyde Johnson, William P. Martin, Mrs. R. Dale Miller, William L. Nunn, Tracy Page, Mrs. Philip Raup, Roy Scheussler, Mrs. Neils Thorpe, Douglas H. Yock.

Minnesota Center for the Philosophy of Science: Paul E. Meehl (chairman), Robert H. Beck, Norman Garnezy, Helmut G. K. Heinrich, Edward L. Hill, Kenneth MacCorquodale, Richard B. McHugh, William Munro, Karl Potter.

Patent Committee: Laurence R. Lunden (chairman), Samuel T. Coulter, Neal Gault, Richard C. Jordan, M. Riaz.

Placement Committee, All-University: Arnold S. Woestehoff (chairman), Paul Cashman, Gordon Kingsley, Sidney C. Larson, Keith N. McFarland, Charles V. Netz, Anne W. Oren, Roger B. Page, Vera Schletzer, George Seltzer, John C. Sim, George A. Warp, Edmund G. Williamson. Student: Thomas Aarestad.

SPAN Committee, University: Theofanis Stavrou (chairman), Fred M. Amram, James I. Brown, Theda Hagenah, James Kingsley, Gerhard Weiss. Student: Karen Erickson.