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UNIVERSITY OF MINNESOTA 1973

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Equal Opportunity

The Board of Regents has committed itself and the University of Minnesota to the policy that there shall be no discrimination in the treatment of persons because of race, creed, color, sex, or national origin. This policy is particularly applicable in the recruitment and hiring of members of the faculty and staff and in promoting the academic pursuits of all students at both undergraduate and graduate levels. Individual faculty members are expected to support the development of affirmative action programs to ensure a proper ethnic balance among the students and staff of their department.

University of Minnesota *Facts*, January, 1973.
 Prepared by the Department of University Relations, S-68 Morrill Hall, University of Minnesota, Minneapolis, Minnesota 55455; telephone (612) 373-2126.

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Addresses and Telephones

University of Minnesota,
 Twin Cities Campus Operator . . . (612) 373-2851
 Minneapolis Campus 55455
 St. Paul Campus 55101
 University of Minnesota Hospitals,
 Minneapolis 55455 (612) 373-8484
 University of Minnesota,
 Duluth 55812 (218) 726-8000
 University of Minnesota,
 Morris 56267 (612) 589-2211
 University of Minnesota Technical College,
 Crookston 56716 (218) 281-6510
 University of Minnesota Technical College,
 Waseca 56093 (507) 835-1000
 Hormel Institute,
 Austin 55912 (507) 433-8804
 Mayo Graduate School of Medicine,
 Rochester 55901 (507) 282-2511

Branch Stations:

Cedar Creek Natural History Area,
 Bethel 55005 (612) 434-5131
 Cloquet Forest Research Center,
 Cloquet 55720 (218) 879-8582
 Horticultural Research Center,
 Excelsior 55331 (612) 474-9440
 Horticulture Center,
 Duluth 55804 (218) 525-4357
 Lake Itasca Forestry and Biological Station,
 Itasca State Park 56460 (218) 266-3302
 North Central Experiment Station,
 Grand Rapids 55744 (218) 326-3485
 Northwest Experiment Station,
 Crookston 56716 (218) 281-6510
 Rosemount 55068
 Agricultural Experiment Station (612) 423-1491
 Rosemount Research Center . . . (612) 423-1118
 Southern Experiment Station,
 Waseca 56093 (507) 835-3620
 Southwest Experiment Station,
 Lamberton 56152 (507) 752-7717
 West Central Experiment Station,
 Morris 56267 (612) 589-1711

HISTORY, ORGANIZATION, AND GOVERNANCE

Origins and Development

When the University was founded in February 1851, the new territory of Minnesota was populated by an unknown number of American Indian residents and about 7,000 immigrant settlers. Statehood was still seven years away.

The University began as a preparatory school, was beset by financial crises during its early years, and was forced to close during the Civil War. In 1863, in the midst of this difficult time, Minneapolis businessman John Sargent Pillsbury began the long and dedicated service that won him renown as "the Father of the University." As a University Regent and state senator, and later as governor, he guided the University out of its financial problems.

A major factor in the University's rebirth was the Morrill Act, which was signed into law by President Lincoln in 1862. This "Land-Grant Act," as it was known, gave each state a grant of land within its borders, the income from which was to be used in providing education for its people — especially in the areas of agriculture and the mechanic arts.

In 1867, the preparatory school again opened its doors. Following a major reorganization in 1868, the University finally got under way as an institution of higher education in 1869. The first collegiate class that fall, more than a century ago, numbered 18 students. The faculty totaled nine.

On December 22, 1869, William Watts Folwell, a scholar who had served as an engineering officer in the Civil War, was inaugurated as the first president of the University. Fittingly, Regent Pillsbury presided at the ceremony. In his inaugural address, President Folwell foresaw the emergence of a "federation of professional schools" with a faculty of teachers and investigators. He called for the development of a University open to all "worthy comers," an

institution that would become the "head and crown" of the state's school system.

From its faltering origins, the University has grown mightily — well beyond Folwell's predictions — to become one of the largest and strongest universities in the land, with an enrollment of nearly 50,000 full-time students.

Its campus has become statewide, with units in many Minnesota communities. Its Twin Cities campus in Minneapolis and St. Paul offers the full range of academic and professional degrees. Academic and preprofessional programs are offered at the University of Minnesota, Duluth, part of the University system since 1947; the University of Minnesota, Morris, opened in 1960; the University of Minnesota Technical College, Crookston, opened in 1966; and the University of Minnesota Technical College, Waseca, established in 1971.

Significant in the University's development is its autonomy in the management of its internal affairs, derived from the state constitution. The University's charter, drawn up and adopted by the Territorial Assembly and approved by an act of Congress, delegated to the Board of Regents the right to govern the University. In the state constitution, all the "rights, immunities, franchises, and endowments" granted by the charter were "perpetuated unto" the University.

In a test lawsuit known as the "Chase case," the Minnesota Supreme Court in 1928 held that the Board of Regents, in the management of the University, is constitutionally independent of all other executive authority.

Board of Regents

The Board of Regents is the governing body of the University. Its chief responsibilities are enactment of rules, regulations, and policies governing the University; control of University expenditures; and approval of all staff changes.

The 12 Regents are chosen by the state Legislature. Although not required by statute, it is customary to elect one Regent from each of Minnesota's eight Congressional districts and four from the state at large. They serve without pay for six-year terms.

The President of the University is ex officio President of the Board of Regents. From its membership, the Board elects a chairman and a vice chairman. The Board also elects a secretary

and a treasurer from outside its membership. All officers, with the exception of the President, are elected for a two-year period.

The Board meets once each month except in August. Much of the business considered by the Board is first reviewed by one or more of its five committees, which meet at the call of their chairmen. The five committees are Budget, Audit, and Legislative Relationships; Educational Policy and Long-Range Planning; Faculty, Staff, Student, and Public Relationships; Health Sciences; and Physical Plant and Investments. Dates of Board meetings are announced well ahead of time in the Official Daily Bulletin, which is published in the *Minnesota Daily* (the Twin Cities campus student newspaper) when classes are in session and as a special bulletin during quarter breaks. The dates are also announced at the Crookston and Waseca campuses in their weekly campus calendars. Materials for consideration by the Board are usually submitted through the office of one of the vice presidents and then through the office of the secretary to the Board.

Members [With year present term expires]

The Honorable Elmer L. Andersen, St. Paul	1973
Chairman (Elected June 12, 1971)	
The Honorable Fred A. Cina, Aurora	1975
The Honorable Daniel C. Gainey, Owatonna	1973
The Honorable Herb L. Huffington, M.D., Waterville	1973
The Honorable Fred J. Hughes, St. Cloud	1975
The Honorable Josie R. Johnson, Bloomington (Mrs. Charles W. Johnson)	1977
The Honorable L.J. Lee, Bagley	1973
The Honorable Lester A. Malkerson, Minneapolis	1977
The Honorable George W. Rauenhorst, Olivia	1977
The Honorable Neil C. Sherburne, Lakeland Township Vice Chairman	1973
Township, Vice Chairman	1975
The Honorable Loanne R. Thrane, Chanassen (Mrs. Ralph Thrane)	1977
The Honorable John A. Yngve, Plymouth	1975
Malcolm Moos, President Duane A. Wilson, Secretary Clinton T. Johnson, Treasurer	

Administrative Officers

The President of the University is responsible to the Board of Regents. He is the chief executive officer of the University and is the representative of the faculties and the University Senate to the Board of Regents.

Six vice presidents, appointed by the Board of Regents, divide the responsibilities of administering the University into six areas: administration; academic administration; finance, planning, and operations; health sciences; state and federal relations; and student affairs.

President and Vice Presidents

President of the University	Malcolm Moos
Vice President for Administration	
Vice President for Academic Administration	William G. Shepherd
Vice President for Finance, Planning, and Operations	James F. Brinkerhoff
Vice President for Health Sciences	Lyle A. French
Vice President for State and Federal Relations	Stanley J. Wenberg
Vice President for Student Affairs	Paul H. Cashman

Provosts

University of Minnesota, Duluth	Raymond W. Darland
University of Minnesota, Morris	John Q. Imholte
University of Minnesota Technical College, Crookston	Stanley D. Sahlstrom
University of Minnesota Technical College, Waseca	Edward C. Frederick

University Presidents

William Watts Folwell	1869-1884
Cyrus Northrop	1884-1911
George E. Vincent	1911-1917
Marion L. Burton	1917-1920
Lotus D. Coffman	1920-1938
Guy Stanton Ford	1938-1941
Walter C. Coffey	1941-1945
James Lewis Morrill	1945-1960
O. Meredith Wilson	1960-1967
Malcolm Moos	1967-

University Senate

The University Senate is the voice of the state-wide University faculty and students. It has legislative control over educational matters concerning the University as a whole but not over the internal affairs of any individual college, institute, or school, except where these overlap or materially affect the interests of other colleges or the University as a whole.

Until 1969, the Senate had authority and responsibility for all educational matters of concern to more than one college. The Senate constitution was amended in May 1969 and approved by the Board of Regents in June 1969 to provide for intermediate organizational units between the colleges and the Senate. The revised Senate constitution makes provision for individual campus assemblies with authority over educational matters of concern to more than one college but within one campus.

The Senate meets at least once in each quarter of the academic year, at a time and place determined by the President. Special meetings may be called by the President at the request of the Consultative Committee or at the written request of ten members of the Senate.

The Senate is composed of elected representatives of the various schools, colleges, and campuses, as well as the President and the members of the Administrative Committee, who are ex officio nonvoting members. The elected members are chosen by secret ballot by faculty members with the rank of instructor and above in the several schools and colleges. Each college has at least one senator; one additional Senate member is chosen for each 20 faculty members or major fraction thereof. Each Senate member also serves on the assembly for his campus. Office is held for three years.

Student representation on the Senate began in 1969. Provision is made for the handling of some issues by the faculty component alone and others by the student component alone.

Senate agenda and minutes are sent to all faculty members, who may attend Senate meetings and participate fully except for voting. In advance of each Senate meeting, the docket is published in the *Minnesota Daily*.

The President of the University is chairman of the Senate. He may suspend action taken by the

Senate or any college faculty and ask for reconsideration of such action. If the President and the Senate or college faculty do not reach agreement, the question may be appealed to the Regents by the President, the Senate, or the college faculty.

The vice chairman is elected by the Senate from its membership at the first meeting of the spring quarter of each academic year. The clerk of the Senate and the parliamentarian, who need not be members, are appointed by the President with the consent of the Senate.

The Senate includes nine standing committees in addition to the Consultative Committee: the All-University Administrative Committee, the Committee on Academic Standing and Relations, the Committee on Committees, the Committee on Educational Policy, the Committee on Faculty Affairs, the Judicial Committee, the Library Committee, the Committee on Research, and the Committee on Resources and Planning.

All-University Administrative Committee

The All-University Administrative Committee is a major standing committee of the University Senate. It is composed of the President, the vice presidents, the provosts, the deans, and other members of the University staff appointed by the President and approved by the Senate. The committee advises the President concerning the general educational, administrative, and fiscal policies of the University and assists the President in putting these policies into effect.

Members

Malcolm Moos, President
Frederick J. Adelman, Colonel, Department of Aerospace Studies — ROTC
Carl A. Auerbach, Acting Dean, Law School
Ralph F. Berdie, Coordinator, Admissions, Registration, and Student Records
David J. Berg, Director, Budget Planning and Information Services
Sherwood O. Berg, Dean, Institute of Agriculture
Rodney A. Briggs, Executive Assistant to the President
James F. Brinkerhoff, Vice President for Finance, Planning, and Operations
May Brodbeck, Dean, Graduate School
Richard S. Caldecott, Dean, College of Biological Sciences
Paul H., Cashman, Vice President for Student Affairs

Raymond W. Darland, Provost, University of Minnesota, Duluth
Sidney A. Ewing, Dean, College of Veterinary Medicine
Edward C. Frederick, Provost, University of Minnesota Technical College, Waseca
Lyle A. French, Vice President for Health Sciences
N L Gault, Dean, Medical School
Paul R. Giel, Director, Department of Intercollegiate Athletics
Edwin L. Haislet, Director, Department of Alumni Relations
M. Isabel Harris, Dean, School of Nursing
Ralph H. Hopp, Director, University Libraries
John Q. Imholte, Provost, University of Minnesota, Morris
Frank H. Kaufert, Dean, College of Forestry
Stanley B. Kegler, Associate Vice President and Special Assistant to the President
Barbara Knudson, Dean, University College
Albert J. Linck, Dean, College of Agriculture
Lloyd H. Lofquist, Assistant Vice President for Academic Administration
Fred E. Lukermann, Assistant Vice President for Academic Administration
Keith N. McFarland, Acting Dean, College of Home Economics
Jack C. Merwin, Dean, College of Education
Harold A. Miller, Dean, Continuing Education and Extension
Robert J. Odegard, Director of Development and Executive Director, University of Minnesota Foundation
Paul Rupprecht, Director, University Health Service
Stanley D. Sahlstrom, Provost, University of Minnesota Technical, College, Crookston
Erwin M. Schaffer, Dean, School of Dentistry
Jean C. Schlemmer, Administrative Assistant to the President
William G. Shepherd, Vice President for Academic Administration
Lee D. Stauffer, Dean, School of Public Health
Richard A. Swalin, Dean, Institute of Technology
Russell D. Tall, Director, Department of University Relations
Alfred L. Vaughan, Dean, General College
Frank Verbrugge, Director, University Computer Services
Lawrence C. Weaver, Dean, College of Pharmacy
Stanley J. Wenberg, Vice President for State and Federal Relations
John H. Westerman, Director, University Hospitals

C. Arthur Williams, Dean, College of Business Administration
William E. Wright, Associate to the Vice President, Academic Administration, for International Programs
Duane A. Wilson, Secretary, Board of Regents
E. W. Ziebarth, Dean, College of Liberal Arts

Consultative Committees

The **Senate Consultative Committee** is composed of nine elected members of the faculty, seven elected members of the student body, and the vice chairman of the University Senate (Frank Sorauf), who serves ex officio. The elected faculty representatives comprise the Faculty Consultative Committee, and the elected student representatives make up the Student Consultative Committee. The Senate Consultative Committee meets with the President at least quarterly to discuss matters of policy relating to educational interests or policies of the University, personnel, service functions, and the budget. Members of the All-University Administrative Committee are not eligible for election to the Faculty Consultative Committee.

The **Faculty Consultative Committee** consists of seven faculty members elected by and from the Twin Cities campus faculties and one faculty member each elected by and from the Duluth and Morris campus faculties. Terms of office are for three years, and no member is eligible to serve more than two consecutive terms. The terms of approximately one third of the members expire each year. The chairman of the committee is elected by his fellow members for a term of one year and is eligible for reelection. Members of the Faculty Consultative Committee are Samuel Krislov, chairman; Robinson S. Abbott (Morris); May Brodbeck; Mary Corcoran; Eleanor S. Fenton; LaVell Henderson; Warren E. Ibele; David T. Lykken; and Theron O. Odlaug (Duluth).

Of the seven voting members of the **Student Consultative Committee**, five are elected from the Twin Cities campus, one from the Duluth campus, and one from the Morris campus. Each member, who must be a member of the Student Senate at the time of his election, serves a one-year term and is eligible for reelection. Members of the Student Consultative Committee for 1972-73 are Mary Ebert, Peter Hames, Steve Hunt (Morris), Edward Lohmann, Steven Overom

(Duluth), Elaine Parent, and David Truax.

In addition to the quarterly meetings of the Senate Consultative Committee with the President, separate meetings of the Faculty Consultative Committee are held to discuss with the President, or others, matters of primary concern to the faculty. The Student Consultative Committee may meet separately to discuss with the President, or others, matters of primary concern to the student body. Each consultative committee serves as the executive committee of its Senate, and the Senate Consultative Committee serves as a coordinating committee between administrative offices and the University Senate.

Campus Assemblies

Each campus of the University has a campus assembly with functions similar to those of the University Senate but on a smaller scale. Faculty and student representatives serve on the assemblies, which are elected governing bodies for the campuses. The Twin Cities Assembly meets once each quarter. The Duluth Campus Assembly meets a minimum of twice per quarter, the Morris Campus Assembly meets at least once each quarter, and the Crookston Campus Assembly meets monthly. There is no campus assembly at Waseca.

University Organization

President

Executive Director, University of Minnesota Foundation, and Director, Development Office of Equal Opportunity and Affirmative Action
Personnel Officer

Vice President for Administration

Budget Planning and Information Services
Department of Civil Service Personnel and Student Employment
Department of Insurance and Retirement
Department of Police
University Attorney

Vice President for Academic Administration

Academic Divisions:
Institute of Agriculture
College of Biological Sciences
College of Business Administration
Continuing Education and Extension

College of Education
General College
Graduate School
Law School
College of Liberal Arts
Summer Session
Institute of Technology
University College
College of Veterinary Medicine
Departments of Aerospace Studies, Military
Science, and Naval Science (Air Force, Army,
and Naval ROTC)
Department of Concerts and Lectures
Center for Educational Development
Office of International Programs
Measurement Services Center
Space Science Center
University Computer Services
University Libraries
University Press
Center for Urban and Regional Affairs

**Vice President for Finance, Planning, and
Operations**

Budget Officer
Business Office
Office of Investment and Cash Management
Physical Planning
Purchasing Department
Support Services and Operations
Office of Treasurer
University Bookstores

Vice President for Health Sciences

School of Dentistry
Drug Information and Education Program
Medical School
School of Nursing
College of Pharmacy
School of Public Health
University of Minnesota Hospitals

Vice President for State and Federal Relations

Department of Alumni Relations
Department of Intercollegiate Athletics
Secretary, Senate Committee on Academic
Standing and Relations
Department of University Relations

Vice President for Student Affairs

Office of Admissions and Records
Campus Assistance Center
Housing Office
International Student Adviser

Department of the Minnesota Union
Minnesota Women's Center
Orientation Offices
Parents' Association
Religious Activities Office
Social Work Intern Program
Special Counseling Office
Special Programs (Martin Luther King)
Student Activities Centers
Student Affairs Office (St. Paul)
Student Counseling Bureau
Office of Student Financial Aid
Student Life Studies
University Health Service
Provost, University of Minnesota, Duluth
Provost, University of Minnesota, Morris
**Provost, University of Minnesota Technical Col-
lege, Crookston**
**Provost, University of Minnesota Technical Col-
lege, Waseca**

STUDENTS AND ALUMNI

Admissions Policy

Admission to the University is open to all qualified persons. Admission is based primarily on previous achievement and ability. No questions regarding race, religion, color, or national origin appear on either academic admission forms or applications for employment.

Enrollment (Fall quarter, 1972)

	Men	Women	Total
Agriculture	1,033	208	1,241
Biological Sciences	301	127	428
Business Administration	1,083	83	1,166
Dental Hygiene	1	127	128
Dentistry	473	11	484
Education	910	1,613	2,523
Forestry	520	30	550
General College	1,699	1,117	2,816
Graduate School			
Minneapolis, St. Paul	5,002	1,966	6,968
Duluth	78	64	142
Mayo, Rochester	467	11	478
Home Economics	33	1,231	1,264
Law	665	84	749
Liberal Arts	8,688	7,999	16,687
Medical School	746	96	842
Medical Technology	14	118	132
Mortuary Science	84	4	88
Nursing	17	336	353
Occupational Therapy	1	59	60
Pharmacy	245	95	340
Physical Therapy	19	64	83
Public Health	158	79	237
Technology	3,397	162	3,559
University College	149	113	262
Veterinary Medicine	222	38	260
Total Twin Cities	26,005	15,835	41,840
Crookston	520	140	660

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Continued on next page

Enrollment (Fall quarter, 1972) *continued*

	Men	Women	Total
Duluth	2,993	2,348	5,341
Morris	979	784	1,763
Waseca	200	120	320
Total Collegiate	30,703	19,226	49,929
Other than regular collegiate enrollment, including Independent Study, Evening Extension, etc.	7,198	5,385	12,583
Grand Total	37,901	24,611	62,512

Nonresident enrollment totals 6,508 and includes 4,873 men and 1,635 women.

Tuition Rates (Per quarter, 1972-73)

	Resident	Nonresident
Liberal Arts, University College, Education, Home Economics, General College, co- ordinate campuses of Duluth and Morris	\$168	\$470
18 Technical Colleges at Crookston and Waseca	133	380
Agriculture, Forestry, Biological Sciences, Dental Hygiene, Nursing	173	480
Business Administra- tion, Medical Technol- ogy, Physical and Occupational Therapy	181	480
Medical School and graduate work in medicine		
— more than nine credits	278	641
— nine credits or less	189	320.50
Dentistry and graduate work in dentistry	315	726
Public Health (including Hospital Administra- tion)	200	505
Pharmacy	191	505
Graduate School		

— more than six credits	200	505
— six credits or less, two courses or less, or thesis only	100	253
— Ph.D. candidates, six credits or less, or continuous registration	35	35
— Teaching assis- tants and associates		
More than six credits	150	150
Six credits or less or thesis only	75	75
Law, Mortuary Science, graduate work in law	210	505
Technology	177	480
Veterinary Medicine and graduate work in veterinary medicine	258	641

Student Services Fees (Per quarter, 1972-73)

Technology	\$46.35
All other colleges, Twin Cities campus	45.50
Duluth campus	34.00
Morris campus	43.00
Crookston campus	30.00
Waseca campus	30.00

Degrees Granted

Since June 1873, when the first two degrees were awarded, the University has granted a total of 247,033 degrees (through June 1972). During the school year 1971-72, 10,431 students received their diplomas.

Included in the total number of degrees granted through June 1972 are 9,584 Doctor of Philosophy degrees, the first of which was awarded in 1888. In 1971-72, the University presented degrees to 583 Ph.D. candidates.

Athletics

The Department of Intercollegiate Athletics, Twin Cities campus, fields teams in 11 sports — baseball, basketball, cross country, football, golf, gymnastics, hockey, tennis, track, swimming, and wrestling. Gopher football teams have won six national championships, the last

one in 1960. The Minnesota baseball team has captured eight Big Ten titles since 1956 and three NCAA championships (1956, 1960, and 1964). The Minnesota basketball team won the Big Ten championship in 1972.

Twin Cities campus athletic facilities include Memorial Stadium, which seats 56,725 for football, and Williams Arena, which has the largest seating capacity for basketball (17,867) and hockey (7,654) of any collegiate facility in the world. A new 2,200-seat capacity baseball stadium and a nine-lane, artificial surface running track opened for competition in the spring of 1971. In 1970 an artificial playing field was installed in the football stadium, which also houses facilities for golf, handball, karate, paddleball, squash, weight-lifting, and wrestling.

Still other facilities include an 18-hole championship golf course, a nine-hole short course, a field house for indoor baseball, basketball, football, and track, and swimming pools, gymnasiums, and locker rooms on both the Minneapolis and St. Paul portions of the campus. The athletic ticket office and administrative offices in Cooke Hall were shifted to the new Bierman Field Athletic Building in 1972.

Varsity and intramural athletic programs are also offered at each of the coordinate campuses. At Duluth, the UMD Bulldogs compete in the 11 varsity sports in the Minnesota Intercollegiate Athletic Conference and the Western Collegiate Hockey Association — baseball, basketball, cross country, football, golf, hockey, skiing, swimming, tennis, track, and wrestling. Women may participate in such intercollegiate sports as badminton, basketball, field hockey, swimming, tennis, track and field, and volleyball. Students may use the facilities of Rock Hill, UMD's ski slope, and hockey games are played in the new Duluth Arena. Several playing fields, tennis courts, and two municipal golf courses are available for student use.

The Athletics Office at Morris fields varsity teams in eight sports as well as three women's varsity teams. Men's varsity athletics include basketball, cross country, football, golf, tennis, track, swimming, and wrestling. Women's varsity athletics include basketball, track, and volleyball. The UMM Cougars are members of the Northern Intercollegiate Conference in men's athletics and

of the newly founded Minn-Kota Conference in women's athletics. Athletic facilities include a new football field with seating for 2,500; the only "all-weather" perma-track in western Minnesota; a new baseball diamond; and a physical education complex with seating for 4,400, housing three basketball courts, an all-purpose gymnasium, and handball courts. The new \$1.5 million pool complex will be completed early in 1973 to add to University facilities.

At Crookston, the UMC Trojans compete in the Northern Division of the Minnesota Junior College Conference. UMC is the only two-year institution to offer all major athletics in its program — baseball, basketball, football, golf, hockey, track, and wrestling. At Waseca, the Technical College has been accepted for membership in the Minnesota Junior College Conference, and the UMW Rams compete in its Southern Division.

Foreign Students

Foreign nationals enrolled in the University in the fall of 1971 (the most recent year for which figures are available) numbered 2,020 and came from over 100 different countries in all parts of the world. An additional 50 foreign nationals were affiliated with the University in special programs.

Countries with the largest student representation were China (252), India (241), Hong Kong (222), Canada (177), and South Korea (126).

The 2,020 students were distributed by campus as follows: St. Paul and Minneapolis, 1,781; Mayo Graduate School of Medicine, Rochester, 208; Duluth, 13; Morris, 14; Crookston, 3; and Waseca, 1.

The Minnesota International Student association works with the International Student Adviser's Office in coordinating the affairs of foreign nationals on the campuses.

Minnesota Alumni Association

The Minnesota Alumni Association is a voluntary organization of 23,080 former University of Minnesota students. Membership is open to graduates and former students who have completed 15 credits in daytime or evening classes. Governing the organization is a board of 60 directors, 18 of whom are presidents or representatives of constituent alumni groups and two of

whom are presidents of two affiliated groups, the Law Alumni Association and the "M" Club. Constituent groups — except the Alumnae Club, which is organized for Twin Cities area alumnae — represent alumni by college, school, or department.

The Alumni Association interprets the University to its alumni through 85 state, national, and foreign chapters and through the *Alumni News*, which is published monthly (September-June). The Association's staff serves as secretariat to the 18 constituent groups. Offices of the Association are in the Administrative Services Building, 2610 University Ave., St. Paul, Minn. 55114. Executive director of the Association is Edwin L. Haislet, director of Alumni Relations for the University.

The University of Minnesota Alumni Fund, the University's program for annual giving, is administered in the Alumni Association office as a division of the Department of Alumni Relations. The Fund is supported by alumni and friends of the University. In the fiscal year ending Dec. 31, 1971, 10,172 donors contributed a total of \$276,735.

22 The University of Minnesota, Duluth, Alumni Association has 1,480 members. Graduates receive one year's free membership; renewal is \$5. Association activities include student recruitment, fund-raising for scholarships, representation on campus committees, and social events. Members are informed on UMD's development through the quarterly *Alumnnotes*. Association offices are in 320 Administration building. Executive secretary is Mary Date.

Residence Halls

University residence halls and apartments provide housing for 4,783 students on the Twin Cities campus, 1,404 at Duluth, 952 at Morris, 355 at Crookston, and 312 at Waseca for a total of 7,814.

Room and board rates in the residence halls vary among units and from campus to campus. Twin Cities campus rates range from \$369 to \$457 per quarter. The range of quarterly rates at Duluth is from \$350 to \$410; at Morris, from \$384 to \$444; at Crookston, from \$307 to \$395; and at Waseca, from \$280 to \$340. Rooms with no or limited meal plans are available on most campuses.

Residence halls on the Twin Cities campus accommodate 4,383 students — 2,576 men and 1,807 women. Comstock is for women only while both Territorial and Frontier are for men. The other five halls are for men and women. Housing for married students on the Twin Cities campus is provided in Commonwealth Terrace and Thatcher Hall in the St. Paul area of the campus; both facilities are managed by a student-run cooperative.

Griggs, Vermilion, and Torrance Halls on the Duluth campus house men students while Burntside, Washburn, and High Rise Halls accommodate women. Village Apartments are modular-type apartments for both men and women.

On the Morris campus, Gay, Independence, and Spooner Halls provide coeducational housing. The Inn is an experimental unit for upperclassmen and provides for an independent and unstructured atmosphere. Residence Hall IV is an apartment complex for men and women.

McCall Hall, on the Crookston campus, accommodates men; Robertson Hall is for women; and Skyberg Hall is a recently completed residence for men and women.

Housing is provided for men and women, in separate wings, on the Waseca campus.

Sororities and Fraternities

23 There are 14 academic sororities on the Minneapolis campus and three in St. Paul, all of which maintain residence houses. Any eligible woman student regularly enrolled in the University may be invited to join a sorority. Panhellenic Council, the governing body of the Minneapolis sororities, and Intersorority Council, the governing group of the St. Paul sororities, establish and regulate a rushing calendar, but students may join any time during the year.

More than 23 academic and seven undergraduate professional fraternities also serve students on the Twin Cities campus; most chapters offer facilities for housing and eating. Students may join fraternities any time during the year. The Intrafraternity Council is the coordinating body of all fraternities.

The Duluth campus has one service and four academic sororities and one service and five academic fraternities. There are two sororities and two fraternities at Morris.

Student Associations

All fee-paying students on the Twin Cities campus are members of the Minnesota Student Association (MSA). The association is the campus student government and coordinates a variety of University programs and activities for students. The MSA has two main branches: executive (student body president, vice president, and executive appointed positions) and legislative (MSA Forum composed of elected student senators from the Twin Cities campus).

The Student Association (SA) is the student governing body of the Duluth campus and includes a presidential staff and the Student Congress. The presidential, or executive, branch includes the president, an administrative assistant, and vice presidents of academic affairs, business affairs, and student affairs. The president is the only elected executive; the remainder are appointed by the president, subject to approval by the Student Congress. The Duluth Student Congress is made up of elected representatives, including the all-University senators, alternates, and delegates to the Campus Assembly. They, along with department representatives, are elected for one-year terms.

The Morris Campus Student Association (MCSA) is the campus organization representing students in University governance. The Executive Council, in conjunction with the Student Forum, appoints students to campus committees, sets up commissions dealing with student concerns, and in general attempts to be a student service organization as well as a governing body.

The Crookston Campus Student Association and the Waseca Campus Student Association are the student governing bodies on their respective campuses.

Student Unions

Facilities of the Department of the Minnesota Union on the Twin Cities campus include Coffman Union, the St. Paul Student Center, and the West Bank Union. A student-faculty-staff board directs each facility and its programs. Students are encouraged to serve on planning committees and to provide leadership for events.

The Kirby Student Center on the Duluth campus offers a wide range of programs to suit many interests. Program planning is done by the

Kirby Student Center Program Board, which is made up of students with faculty-staff advisement. Headquarters for student activities on the Morris campus is Edson Hall. The Trojan Inn, a commuter lunchroom, serves as the Crookston campus student center. The Ram Shack is the center of student activities at Waseca.

FACULTY AND STAFF

Faculty and Staff Totals (1971-72)

The full-time equivalent for academic staff is 6,659. The full-time equivalent for Civil Service staff members numbers 8,812. The total number of University staff members is 15,471.

Regents' Professors

Established by the Board of Regents in 1965, the Regents' Professorship was first bestowed in June 1966 upon five professors. The Regents' Professorship is considered the highest honor the University can give members of its faculty. Each Regents' Professor receives an annual stipend of \$5,000 from the University of Minnesota Foundation as long as he remains on the active faculty of the University. To date, the following faculty members have been designated Regents' Professors:

- Regents' Professor of Chemical Engineering
Neal R. Amundson (1967)
- Regents' Professor of Humanities John
Berryman (1969-72, deceased)
- Regents' Professor of Genetics Ralph E.
Comstock (1968)
- Regents' Professor of Mechanical Engineer-
ing Ernst R. G. Eckert (1966)
- Regents' Professor of Philosophy Herbert
Feigl (1967-71, retired)
- Regents' Professor of Pediatrics and Micro-
biology Robert A. Good (1969-72)
- Regents' Professor of Economics Walter W.
Heller (1967)
- Regents' Professor of Anthropology E.
Adamson Hoebel (1966-72, retired)
- Regents' Professor of Economics Leonid
Hurwicz (1969)
- Regents' Professor of History Tom B. Jones
(1970)
- Regents' Professor of Psychology Paul E.
Meehl (1968)

Regents' Professor of Physics Alfred O. C. Nier (1966)

Regents' Professor of Mathematics James B. Serrin, Jr. (1968)

Regents' Professor of Medicine and Comparative Medicine Wesley W. Spink (1967)

Regents' Professor of English Allen Tate (1966-68, retired)

Regents' Professor of Physiology Maurice B. Visscher (1967-70, retired)

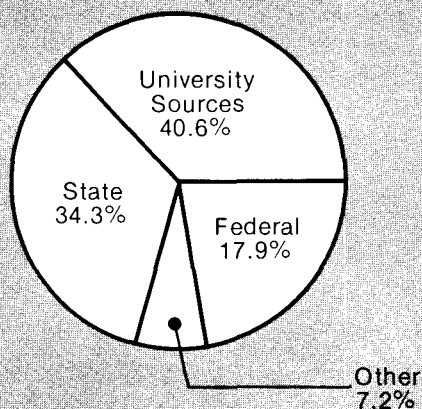
Regents' Professor of Surgery Owen H. Wangensteen (1966-67, retired)

Regents' Professor of Medicine Cecil J. Watson (1968-69, retired)



PHYSICAL PLANT AND FINANCES

1971-72
Income by Source

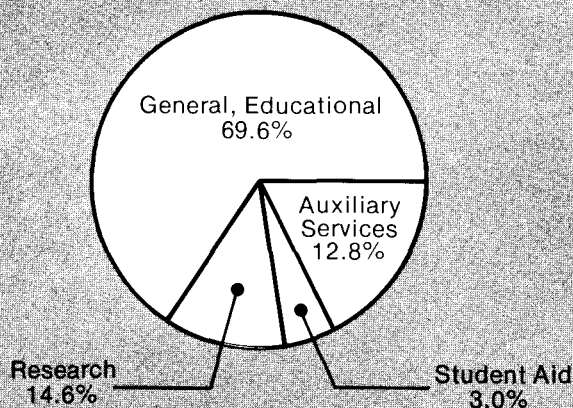


Total Building Valuation (By campus)

	Major	Minor	Original Cost
Minneapolis	121	22	\$180,340,253
St. Paul	109	52	52,231,228
Duluth	34	15	27,650,557
Morris	22	3	12,647,851
Crookston	17	5	4,393,475
Waseca	4	1	3,402,791
Rosemount			
Research Center	7	103	779,146
Off-Campus			
Buildings	12	25	2,891,674
Branch Stations	<u>50</u>	<u>393</u>	<u>5,421,356</u>
Total	376	619	\$289,758,331

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1971-72
Expenditures by Function



Additional financial information is available on request. A printed Brief Summary of the Financial Report or a complete Financial Report may be obtained by writing to the Vice President for Finance, Planning, and Operations, 301 Morrill Hall.

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University Land (As of June 30, 1972)

Campuses	Acres
Minneapolis	278.38
St. Paul	728.82
Duluth	204.68
Morris (includes Station)	1,191.42
Crookston (includes Station)	1,277.87
Waseca (includes Station)	610.35
Branch Stations	<u>18,304.71</u>
Total	22,596.23

Financial Status

Operating budget for 1972-73	\$282,070,068
Sources of revenue for 1972-73 (estimates):	
State appropriations	\$104,491,123
Student fees	26,370,926
Federal funds	53,875,000
Private gifts, grants, contracts	14,965,000
Earnings	74,528,112
Gifts and endowment income	
for student aid	<u>7,839,907</u>
Total	\$282,070,068

GENERAL INFORMATION

Concerts and Lectures

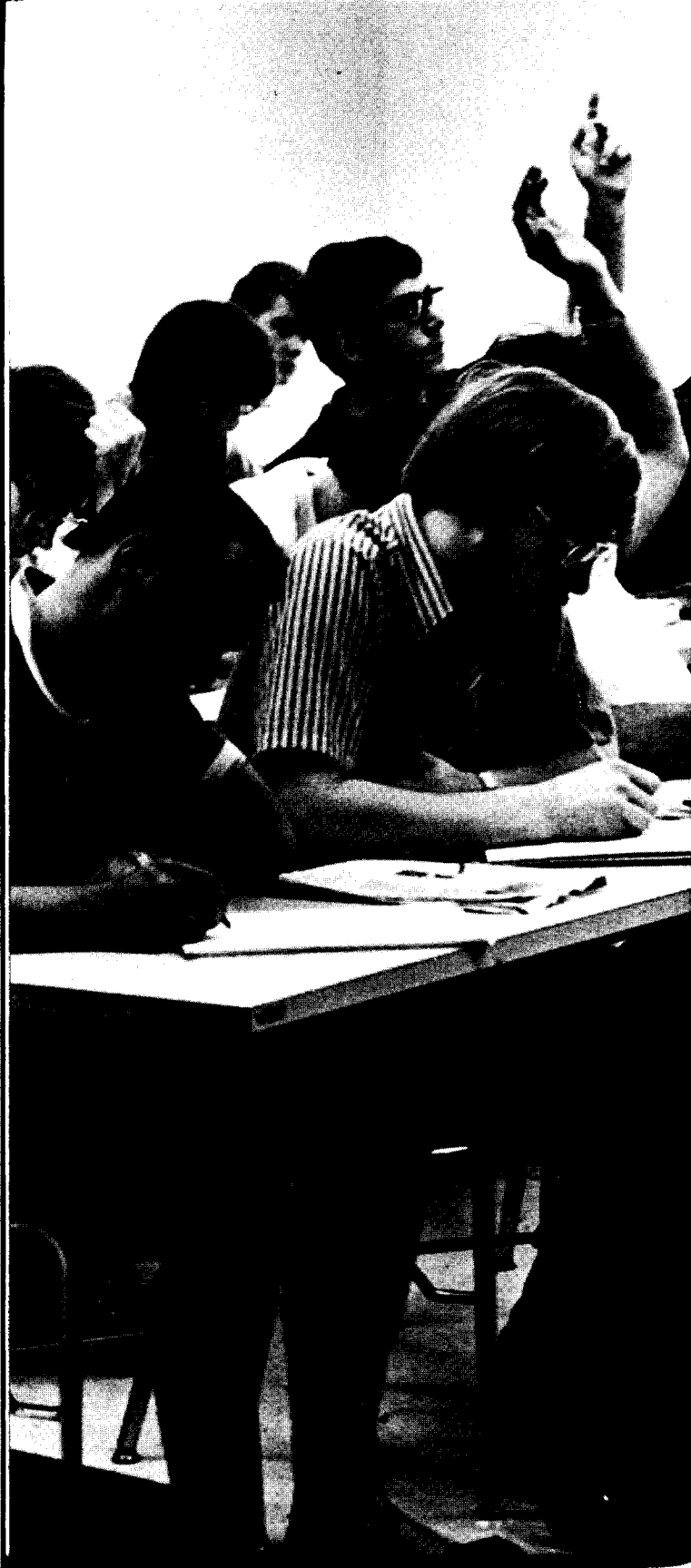
Each spring the Department of Concerts and Lectures on the Twin Cities campus joins the Minnesota Orchestral Association and a regional committee of sponsors and guarantors in presenting a series of performances by the Metropolitan Opera Company of New York. Mail orders for tickets are accepted at the ticket office six weeks before the opera performances.

The University Artists Course, a division of the Department of Concerts and Lectures, presents two series of programs during the year — the Masterpiece Series of internationally recognized musical artists and the World Dance Series of ballet, modern dance, folk, and mime companies. Tickets for all Artists Course events may be purchased in 105 Northrop Auditorium or at any Dayton's store.

During the academic year, convocations are presented free to the public. These events, often held in Northrop Auditorium, include lectures, musical programs, theatrical productions, and films. Concerts and Lectures also sponsors special lectures and scientific conferences for smaller and selected audiences.

During the summer, Summer Session and the Department of Concerts and Lectures cooperate in sponsoring a series of free lectures, concerts, and programs.

At the Duluth campus, convocations and lectures are sponsored by the Convocations and Lectures Committee of the Kirby Student Center Program Board. The programs cover a broad range of topics and are open to the public at no charge. During the year, the committee also sponsors several concerts featuring popular musicians and entertainers. The University Artists Series sponsors four concerts yearly at the Duluth Auditorium. The concerts feature artists of national and international fame. Orders for season tickets or individual concert



performances may be made through the UMD Ticket Office, 101 Kirby Student Center. The UMD Coffee House series features young talented people who perform week-long engagements at the Bull Pub.

The University of Minnesota, Morris, each year presents a wide range of concerts, theatre attractions, recitals, lectures, films, and dance programs. Area residents as well as the campus community are invited to attend productions.

The Concerts and Lectures Committee at Crookston, composed of students and faculty, is responsible for planning campus programs.

Equal Opportunity and Affirmative Action

The Office of Equal Opportunity and Affirmative Action is charged with the implementation of Regents' policy and the supervision of programs insuring equal employment opportunities for minorities and women in all areas. The office also sees that the University fully complies with federal and state guidelines regarding equal opportunity in dealing with external agencies and companies.

34 The director of the office submits periodic reports to the University President, the Department of Health, Education, and Welfare, and to other federal and state agencies. The chief administrators of each University unit and their respective equal opportunity officers are responsible for insuring equal opportunity through the execution of affirmative action programs overseen by this office.

Further information on the activities of the office can be found in documents outlining the University's Affirmative Action Program and in the office's 1971-72 Annual Report to the Department of Health, Education, and Welfare.

Extension Services

Educational services of the University are extended to Minnesotans through activities of the two major extension units — the Agricultural Extension Service and Continuing Education and Extension (CEE).

Agricultural Extension Service is part of the University's Institute of Agriculture located on the St. Paul campus and is responsible for the extension-continuing education function of that unit.

A University staff of 231 extension agents in 91 counties is supported by 37 area extension agents in various areas of the state and by 125 specialists and a supervisory-administrative staff of 31 located on campus.

Agricultural extension involves the cooperative efforts of three levels of government: the county through the county Extension Committee, with funds authorized by the County Board of Commissioners; the state through the University of Minnesota, with funds appropriated by the state Legislature; and the federal government through the U.S. Department of Agriculture, with funds (commonly called Smith-Lever funds) appropriated by the Congress.

The Extension Service reaches nearly a third of the persons in Minnesota each year with almost 22,000 educational programs. Extension staff provide more than 500,000 consultations, 14,000 radio broadcasts, over 600 television programs, and 21,000 news releases each year. More than a million informational publications are distributed each year in conjunction with these educational activities and in response to inquiries covering a multitude of subject fields.

For more information, write: Director, Agricultural Extension Service, 240 Coffey Hall, University of Minnesota, St. Paul, Minn. 55101, or telephone (612) 373-1246.

Continuing Education and Extension keeps the University's door open to the people of Minnesota by means of classes, conferences, seminars, lectures, correspondence courses, individual counseling, independent study, telephone, radio, television libraries, films, exhibits, and consulting services.

Flexible class scheduling, as to time, place, and medium, accommodates students of all ages who cannot or do not wish to attend regular day school classes, whether to pursue a degree or to acquire knowledge for vocational use or personal interests.

CEE also provides service to communities through programs for people in various economic and social groups and programs relating to services of a health-care, educational, governmental, or welfare nature.

During 1971-72, nearly 75,000 persons registered and paid fees in extension courses, both credit and noncredit, at undergraduate,

post-baccalaureate, and professional levels. Except for 130,000 film bookings, no attempt is made to keep accurate count of the thousands who use library, consulting, and counseling services, view art exhibits, or listen to KUOM radio.

For more information about educational services available, write: Office of the Dean, Continuing Education and Extension, 150 Westbrook Hall, University of Minnesota, Minneapolis, Minn. 55455, or telephone (612) 373-3900 or 373-1246.

Honorary Degrees

Honorary degrees are conferred sparingly by the University of Minnesota. The first was given in 1925, and as of 1972 a total of only 49 had been given. Recent honorary degrees have been awarded to Senator Hubert H. Humphrey (1966), Frederick R. Kappel (1966), James P. Shannon (1966), Melvin Calvin (1969), John H. Van Vleck (1971), and Harold E. Stassen (1972).

James Ford Bell Museum of Natural History

The James Ford Bell Museum of Natural History, 17th and University Avenues S.E., Minneapolis, features exhibitions of the wildlife of Minnesota, a natural history library, extensive study collections of birds, mammals, reptiles, and fish, and the Jaques Gallery of natural history art.

The museum is free and is open from 9 a.m. to 5 p.m. Monday through Saturday (Wednesday until 9 p.m.), and from 2 to 5 p.m. on Sunday. Guide services are available to groups of 15 or more upon advance request. A bookstore in the lobby sells prints, stationery, and bird call recordings. Call (612) 373-2423 for further information.

The museum's Touch and See Room is an area built at a child's level; all objects may be handled. Pelts, bones, and mounted heads of animals are displayed for a child's close inspection. The Touch and See Room is air conditioned and contains a reading room with a wide collection of children's books, maintained by the Minneapolis Public Library Children's Department.

Landscape Arboretum

The University of Minnesota's Landscape Arboretum is a 558-acre horticulture research

facility and outdoor scientific laboratory. The Arboretum, four miles west of Chanhassen on State Highway 5, is used by University horticulturists to test and develop hardy ornamental shrubs and trees for landscaping homes, other buildings, and highway areas in Minnesota. Purpose of this research is to increase the number of varieties that will withstand Minnesota's severe climatic conditions.

In 1958, the University received the deed to this 160-acre tract of woodland and meadow from the Minnesota State Horticultural Society, along with a check for initial development of the site. Maintenance of the Arboretum's more than 3,000 plantings is financed jointly by the University and by gifts from private donors.

Miles of woodland trails make it possible to walk through the Arboretum to study the carefully labeled plantings. Limited picnic facilities are available.

Minnesota Orchestra

The Minnesota Orchestra, under the direction of Stanislaw Skrowaczewski, is celebrating its 70th anniversary during the 1972-73 season. The Minnesota Orchestra performs several series on campus in Northrop Memorial Auditorium: 20 symphony concerts on Friday evenings from October through May; 10 "Adventure in Music" concerts on Sunday afternoons from November through May; and special concerts throughout the season.

News Services

News of all-University or Twin Cities campus significance is prepared, edited, and distributed by the University News Service on the Twin Cities campus. News services are also located on the Duluth, Morris, Crookston, and Waseca campuses. In addition, special news services handle information for the Institute of Agriculture and the Department of Intercollegiate Athletics, Twin Cities campus.

Nobel Prize Winners

Norman C. Borlaug (Alumnus)	Peace Prize	1970
Melvin Calvin (Alumnus)	Chemistry	1961

John Bardeen (Former Faculty)	Physics	1956, 1972
Walter H. Brattain (Alumnus)	Physics	1956
Philip S. Hench (Faculty, deceased)	Medicine	1950
Edward C. Kendall (Faculty, emeritus)	Medicine	1950
Ernest O. Lawrence (Alumnus, deceased)	Physics	1939

President's Home

Eastcliff, home of the President of the University of Minnesota, was a gift from the Edward Brooks family to the University in 1958. Mr. Brooks, a prominent Northwest lumberman, built the home in 1922. The 18-room white Georgian colonial occupies a two-acre homesite that also includes a swimming pool, tennis court, flower gardens, shrubbery, and stately trees. The home and grounds at 176 North Mississippi River Boulevard are maintained by the University.

Publications

The Minnesota Daily is the independent student newspaper for the Twin Cities campus. It is published daily during the academic year and twice each week during summer sessions, but it is not published when classes are not in session. Staff offices are in Murphy Hall.

The Statesman, the independent student newspaper at the Duluth campus, is published weekly during the academic year. Staff offices are in the Kirby Student Center. **Summer Session News** is published weekly during summer session by the Office of Campus Relations, 305 Administration building.

The Vanguard is the weekly student newspaper at Morris, published during the school year when classes are in session.

The Commentator is the official student newspaper at the Crookston campus. Published biweekly, it is distributed twice a year to parents.

Ram-Page is the student newspaper for the Waseca campus. It is published monthly throughout the year.

The Catalog of the University is published in sections referred to as bulletins of the particular schools or colleges. Most college bulletins are

published biennially; an exception is the annual General Information Bulletin. The Office of Admissions and Records arranges for publication and distribution.

University Report, published semi-monthly during the academic year and monthly during the summer by the Department of University Relations, reports on University projects, programs, activities, and developments of special interest to the staff and emphasizes interpretation of University policies and events. It includes a "Calendar of Events" that lists time and place of programs scheduled on the Twin Cities campus. The calendar is also published separately for organizations and businesses in the area and is available to individuals.

Brief, a weekly bulletin of current University news items (biweekly during the summer), is produced by the Department of University Relations, Twin Cities campus. It is distributed to faculty, staff, and student leaders on all campuses.

Report to Parents is published each quarter by the Department of University Relations, Twin Cities campus. It is mailed to parents of students on all campuses of the University and interprets campus events, policies, and developments.

The Student-Staff Directory, published each fall by the Department of University Relations on the Twin Cities campus, contains listings of staff members, Twin Cities campus students, and the various departments and divisions of the University. Copies are distributed through departmental offices and campus bookstores.

The Biennial Report, issued every two years by the Twin Cities campus Department of University Relations, summarizes the activities of the various departments of the University during the two-year period following the previous issue. The Biennial Report series is a primary source of comprehensive information on enrollments and curriculum changes, research and instruction efforts, faculty activities, and other developments within the academic and administrative units of the University. Copies are available through the Bulletin and Service Bureau, B-3 Morrill Hall, Minneapolis. A complete set is in the University Archives, Walter Library, Minneapolis.

Campus and departmental publications include a variety of newsletters, magazines, and other publications that report on the activities of

individual campuses, academic units, departments, and organizations.

Theatre

Each year the University Theatre on the Twin Cities campus presents a diversified program of living drama, featuring classics as well as contemporary and experimental productions. There are also plays for young people, workshop productions, and numerous student-directed plays.

The 1972-73 season is expected to be the last for University Theatre plays in Scott Hall. Beginning with the 1973-74 season, productions will be presented in the new theatre building on the west bank. The new building will contain thrust, proscenium, arena, and experimental theatres.

The Centennial Showboat plays a full summer season on the Mississippi River, producing a wide variety of plays ranging from melodrama to Shakespeare. The Peppermint Tent, located on the east bank of the Mississippi, presents two plays for youngsters each summer. Two productions will be produced in Scott Hall in summer 1973.

Bush Foundation fellowships offer graduate theatre student-artists a unique opportunity to work on advanced degrees at the University and to intern for one season with the Guthrie Theatre Company.

At Duluth, two basic objectives are pursued by the UMD Theater. The first is to provide practical theatrical experience for students who choose theatre arts as a vocation; the second is to provide an opportunity to view legitimate stage productions as another part of the individual's liberal education.

The production program consists of three main stage presentations directed and designed by the theatre faculty. A number of studio productions are directed by students under the supervision of the departmental staff.

UMD Theater also offers summer theatre productions in conjunction with summer session classes.

At Morris, the UMM Theatre correlates its classroom work with at least one major production each quarter and one or two student-directed experimental or laboratory productions each year.

These, plus other extracurricular activities (including the student drama organization, The Morris Meiningens), provide opportunities for student participation in all areas of the theatre arts and exposure to a variety of dramatic experiences and staging methods including arena, thrust, proscenium, outdoor, and reader's theatre production.

University Libraries

With collections totaling over three million volumes, the University of Minnesota Library ranks tenth in size among those of American universities. In addition to the humanities and social science resources in Wilson Library, the basic science and technology collection in Walter Library, and the agriculture and home economics materials in the St. Paul Campus Central Library, there are more than 20 subject libraries on the Twin Cities campus.

The Duluth campus library has more than 160,000 volumes and receives more than 2,000 foreign and domestic magazines, newspapers, and other periodicals. The collection emphasizes liberal arts subject areas, and its resources are expanding rapidly to support developing post-baccalaureate programs.

The Morris Library houses some 70,000 books, 650 periodical subscriptions, and 4,450 reels of microfilmed periodicals; the library is a repository for various government documents.

The library collection at Crookston emphasizes holdings in the areas of agriculture, business, and hotel, restaurant, and institutional management. Other media are also available to support the technical college curricula.

The Department of Learning Resources on the Waseca campus includes the library and audiovisual department. Books, periodicals, microfilm, pamphlets, filmstrips, audio and video tapes, transparencies, and other materials are available for student and faculty use.

University Press

The University of Minnesota Press extends the horizons of teaching and research beyond the campus to scholars, advanced students, and general readers. It publishes the results of scholarship and research by University faculty

members and other scholars and writers.

The Press maintains professional editorial, production, sales, and promotional staffs and distributes its publications through established book-trade channels in the United States and abroad.

The Regents have designated the University of Minnesota Press as the agency for advising all applications for copyright in the name of the University of Minnesota. The copyright on all University materials subject to copyright is registered in the name of the University of Minnesota.

University Traditions

Campus Mascots

Minnesota has been called the Gopher State since 1857. In the early 1930's, when Minnesota Gopher football teams were national champions, local press reporters described the University teams as the "golden-shirted horde" and the "golden swarm." At this time, the teams also changed to yellow or "golden-colored" jerseys, bringing about the name the Golden Gophers. The name has stuck for Twin Cities campus athletic teams.

42 The mascot at the University of Minnesota, Duluth, is the Bulldog. The name was selected in the 1930's by the Letterman's Club when the school was still the Duluth State Teachers College. The name was retained when Duluth became a University coordinate campus.

The Morris mascot is the Cougar, a name chosen in a campus-wide referendum in 1961.

The mascot at the University of Minnesota, Crookston, is the Trojan; the athletic teams are called the Trojans. The name is the result of a "Name the Team" contest conducted in 1966 by radio station KROX, Crookston. Selected by the student association on campus, the winning name was submitted by a student.

The name of Waseca campus sports teams, the Rams, is the result of a campus-wide contest sponsored by the campus tradition committee. The name was chosen in 1971, the first year Waseca opened as a coordinate campus.

School Colors

Because the University's colors varied during the early years, William Watts Folwell, first president of the University, appointed English instructor Augusta Norwood Smith to choose permanent

school colors. Mrs. Smith, "a woman of excellent taste," according to Folwell, chose maroon and gold, the University's colors today. First used sometime between 1876 and 1880, the colors were not officially approved by the Regents until March 1940.

Songs

Hail! Minnesota, the University alma mater, was written by Truman Rickard, a member of the class of 1904, for use in a 1904 class play. A second verse was written by University student Arthur Upson in 1905. In 1945, the song became the official anthem of the state of Minnesota.

The Minnesota Rouser, sung at most University athletic events, was written by Floyd M. Hutsell in 1909 in response to a contest sponsored by the Minneapolis *Tribune*. Hutsell, a Minneapolis choir director and voice teacher, won \$100 in the contest to choose a fight song for the University.

University Seal

The antique lamp on the seal represents the metaphysical sciences; the telescope, the physical sciences; the plough, the industrial arts; and the pallet with brushes, the fine arts. The motto, written in Latin, means "a common bond for all the arts."

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University Calendar — Academic Year 1972-73

Fall Quarter

Sept. 25	Classes begin
Dec. 5	Last day of instruction
Dec. 7-13	Final examinations
Dec. 13	All-University Commencement, Twin Cities campus
Dec. 14-28	Orientation, registration

Winter Quarter

Jan. 3	Classes begin
March 13	Last day of instruction
March 15-21	Final examinations
March 21-27	Orientation, registration

Spring Quarter

March 28	Classes begin
June 7	Last day of instruction
June 9-15	Final examinations
June 15	Commencement at Crookston, Duluth, Morris
June 16	All-University Commencement, Twin Cities campus

44 *Summer Session 1973*

FIRST TERM

June 18	Orientation, registration
June 19	Classes begin
July 20	Last day of term

SECOND TERM

July 23	Registration
July 24	Classes begin
Aug. 24	Last day of term
Aug. 24	All-University Commencement, Twin Cities campus; Com- mencement, Duluth campus

Academic Year 1973-74

Fall Quarter

Sept. 24	Classes begin
Dec. 4	Last day of instruction
Dec. 6-12	Final examinations
Dec. 12	All-University Commencement, Twin Cities campus