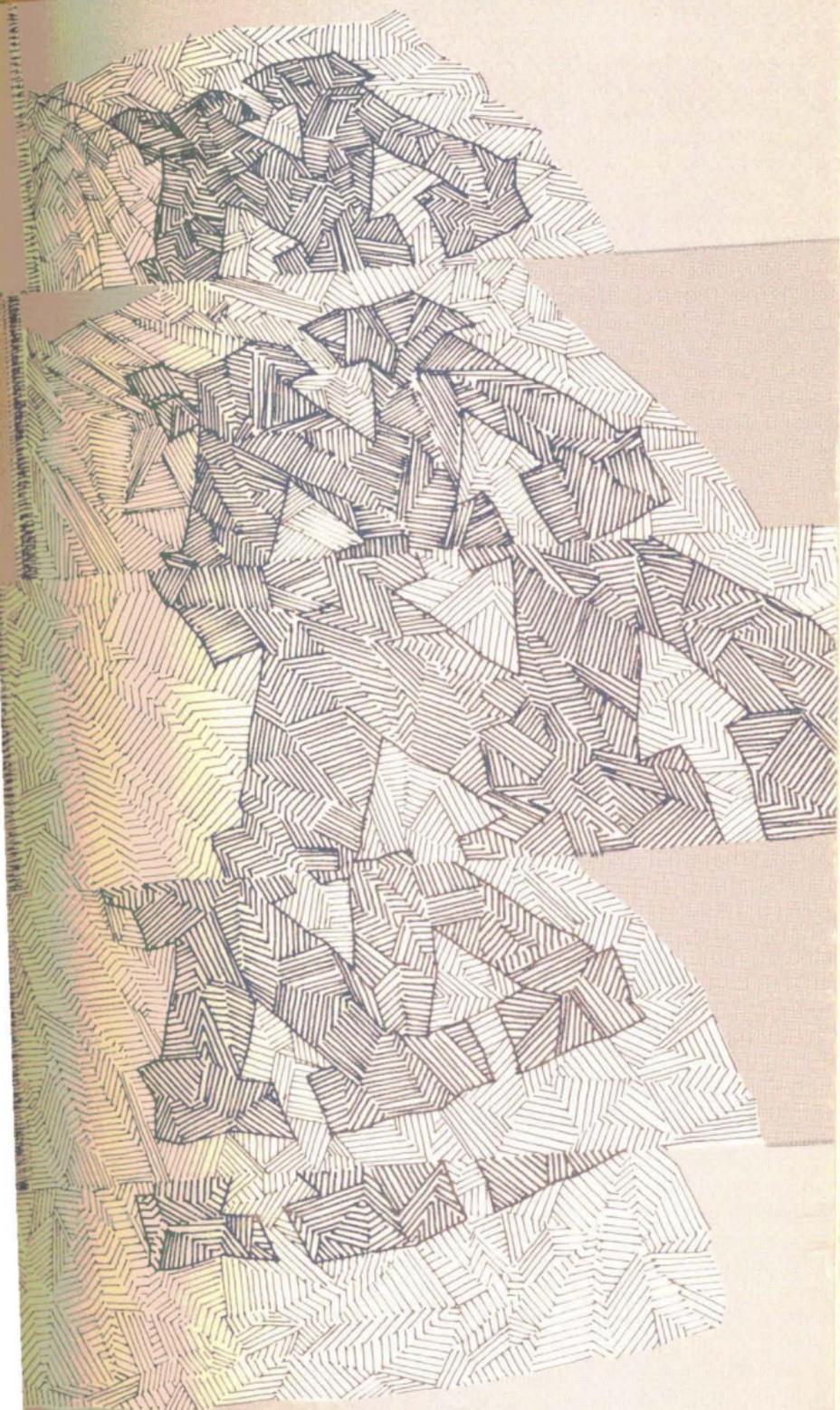


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Equal Opportunity

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

University of Minnesota *Facts*, December 1978. Prepared by the Department of University Relations, S-68 Morrill Hall, 100 Church Street S.E., University of Minnesota, Minneapolis, Minnesota 55455; telephone (612) 373-2126.

University of Minnesota

Addresses and Telephones

University of Minnesota, Twin Cities Campus Operator	... (612) 373-2851
Minneapolis Campus 55455 St. Paul Campus 55108	
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 Forestry Center, Cloquet 55720	... (218) 879-4528
Horticultural Research Center, Excelsior 55331	... (612) 474-9440
Lake Itasca Forestry and Biological Station, Lake Itasca 56460	... (218) 266-3691
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
Sand Plain Experimental Field, Becker 55308	... (612) 261-4063
Southern Experiment Station, Waseca 56093	... (507) 835-3620
Southwest Experiment Station, Lamberton 56152	... (507) 752-7372
West Central Experiment Station, Morris 56267	... (612) 589-1711

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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 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 to become one of the largest and strongest universities in the land, with an enrollment of over 55,000 daytime students and nearly 20,000 more in evening and extension classes.



UNIVERSITY OF MINNESOTA

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. In 1977 the Minnesota Supreme Court ruled that the legislature cannot intrude on the internal control of the University, but can impose reasonable conditions on the use of appropriated funds. The effect of this decision was to require that the University comply with a state law governing the selection of architects.

Board of Regents

The Board of Regents is the governing body of the University. Its chief responsibilities are election of the chancellor; enactment of rules, regulations, and policies governing the University; control of University expenditures; and approval of all staff changes. (The term president is commonly used instead of chancellor.)

The 12 regents are chosen by the state legislature: one regent from each of Minnesota's eight congressional districts and four from the state at large. One regent must be a University student or have been graduated from the University within the five years prior to election. They serve without pay for six-year terms. Vacancies occurring when the legislature is not in session are filled by the governor.

The chancellor 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 who may or may not be members of the Board of Regents. All officers, with the exception of the chancellor, are elected for a two-year period.

The board meets in regular session the second Friday of each month. The business considered by the board is first reviewed by one or more of its standing committees. The standing committees are Educational Policy and Long-Range Planning; Faculty and Staff Affairs; Physical Plant and Investments; Student Concerns; and the Committee of the Whole. Dates of board meetings are announced 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 coordinate campuses in their campus calendars or publications and in *Brief*, the weekly newsletter for faculty and staff on all campuses. Materials for consideration by the board are usually submitted to the secretary of the Board of Regents through the President's Office.

Board of Regents

The Honorable Erwin L. Goldfine, Duluth, District 8
The Honorable Lauris D. Krenik, Madison Lake,
District 2

The Honorable Robert Latz, Minneapolis, District 3
The Honorable David M. Lebedoff, Minneapolis,
District 5

The Honorable L. J. Lee, Bagley, District 7
The Honorable Charles F. McGuiggan, D.D.S.,
Marshall, At Large

The Honorable Wenda W. Moore, Minneapolis,
At Large, Chairman

The Honorable Lloyd H. Peterson, Paynesville,
District 6

The Honorable Mary T. Schertler, St. Paul, District 4
The Honorable Neil C. Sherburne, Lakeland,
At Large

The Honorable Michael W. Unger, St. Paul, At Large
The Honorable David C. Utz, M.D., Rochester,
District 1, Vice Chairman

C. Peter Magrath, 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 faculty and the University Senate to the Board of Regents.

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

President and Vice Presidents

President C. Peter Magrath

Academic Affairs

Vice President Henry Koffler

Administration and Planning

Vice President Robert A. Stein

Finance

Vice President Donald P. Brown

Health Sciences

Vice President Lyle A. French

Institutional Relations

Vice President Stanley B. Kegler

Student Affairs

Vice President Frank B. Wilderson

Provosts

University of Minnesota, Duluth

Robert L. Heller

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	1967-1974
C. Peter Magrath	1974-

E. W. Ziebarth served as president of the University from June 17 to September 1, 1974.

University Senate

The University Senate is the voice of the statewide 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 or school, except where these overlap or materially affect the interests of other colleges or the University as a whole.

The University Senate delegates authority and responsibility to campus assemblies in educational matters concerning but one campus of the University. Each campus determines its own assembly and adopts its own constitution and bylaws, which are consistent with the constitution and bylaws of the senate.

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 10 members of the senate.

The senate is composed of elected representatives of the various schools, colleges, and campuses, as well as the president. The elected members are chosen by secret ballot by faculty members with the rank of instructor and above in the several schools and colleges. Colleges choose one senator for each 20 regular faculty members, or portion thereof; every college has at least one senator. Each senate member also serves on the assembly for his or her campus. Office is held for three years.

Student representation on the senate began in 1969. Students are represented on all committees except the Faculty Consultative Committee and the Senate Judicial Committee.

In advance of each senate meeting, the docket is published in the *Minnesota Daily*. Minutes are sent to all faculty members eligible to vote for senators. Faculty members who are not senators may attend senate meetings and participate, at the discretion of the senate, except for voting.

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 are not senate members, are appointed by the president with the consent of the senate.

The senate includes 11 standing committees: the Council of Academic Officers, the Committee on Academic Standing and Relations, the Consultative Committee, the Committee on Committees, the Committee on Educational Policy, the Committee on Faculty Affairs, the Judicial Committee, the Library Committee, the Committee on Research, the Committee on Resources and Planning, and the Committee on Social Concerns.

Council of Academic Officers

The Council of Academic Officers was established in March 1973 and consists of key academic and administrative officers. Its function is to serve as an advisory body to the president and the vice president for academic affairs, who cochair this group. This council serves as a forum for the exchange of ideas regarding a wide variety of academic and University matters. While it has no legislative function in the sense that the University Senate has, in its advisory capacity it is instrumental in providing input and constant review that result in the eventual modification and improvement of academic policies and procedures.

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 (Kenneth Keller), 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.

The **Faculty Consultative Committee** consists of seven faculty members elected by and from the Twin Cities campus faculty 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 chairperson of the committee is elected by his or her fellow members for a term of one year and is eligible for reelection. Members of the Faculty Consultative Committee for 1978-79 are Mahmood Zaidi, chairperson; Wendell Glick (Duluth), associate chairperson; George Blake; Fred Morrison; Richard Purple; Betty Robinett; Vera Schletzer; W. D. Spring (Morris); and L. E. Scriven.

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 election, serves a one-year term and is eligible for reelection. Members of the Student Consultative Committee for 1978-79 are Steve Carlson; Richard Kottke; Tom Potter; Richard Rydberg (Duluth); Elizabeth Sands; Frederick Watson (Morris); and one to be named.

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. Faculty and student representatives serve on the assemblies, which are elected governing

bodies for the campuses. Civil service staff members also serve at Morris, Crookston, and Waseca. The Twin Cities Campus Assembly meets at least 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 and Waseca Campus Assemblies meet monthly.

University Organization

President

Coordinate Campuses
Office of Equal Opportunity and Affirmative Action
Department of University Relations

Vice President for Academic Affairs

Academic Divisions:

Institute of Agriculture, Forestry, and Home Economics

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

Graduate Assistants Information and Assistance Office

Office of International Programs

Measurement Services Center

University Computer Services

University Gallery

University Libraries

University Press

Center for Urban and Regional Affairs

Vice President for Administration and Planning

Athletic Finance and Facilities Department
Office of Director of Emergency Preparedness
Department of Men's Intercollegiate Athletics
Office of Director of Personnel
Planning Council
Department of Police
Department of Women's Intercollegiate Athletics

Vice President for Finance

Administrative Data Processing Department
Department of Audits
Budget Office
Business Office
Office of Controller
Office of Associate Vice President for Development and Alumni Relations
Office of Investments and Cash Management
Management Planning and Information Services
Physical Planning
Purchasing Department
Research Administration
Support Services and Operations
Office of University Attorney

Vice President for Health Sciences

Academic Divisions:

School of Dentistry

Medical School

Mortuary Science

School of Nursing

College of Pharmacy

School of Public Health

Alcohol and Other Drug Abuse Programming

University of Minnesota Hospitals

Vice President for Institutional Relations

Congressional Relations (Federal)

Governmental Relations (State)

Institutional Relations (Other Educational Systems)

Liaison with Duluth and Morris Campuses

Vice President for Student Affairs

Boynton Health Service
Handicapped Resource Coordinator's Office
Housing Office
Program on Human Issues and Values
Office of Minority and Special Student Affairs
Student Activities Office
Student Development Centers
Student Life Studies and Planning
Student Support Services

Provost, University of Minnesota, Duluth

Provost, University of Minnesota, Morris

**Provost, University of Minnesota Technical
College, Crookston**

**Provost, University of Minnesota Technical
College, Waseca**



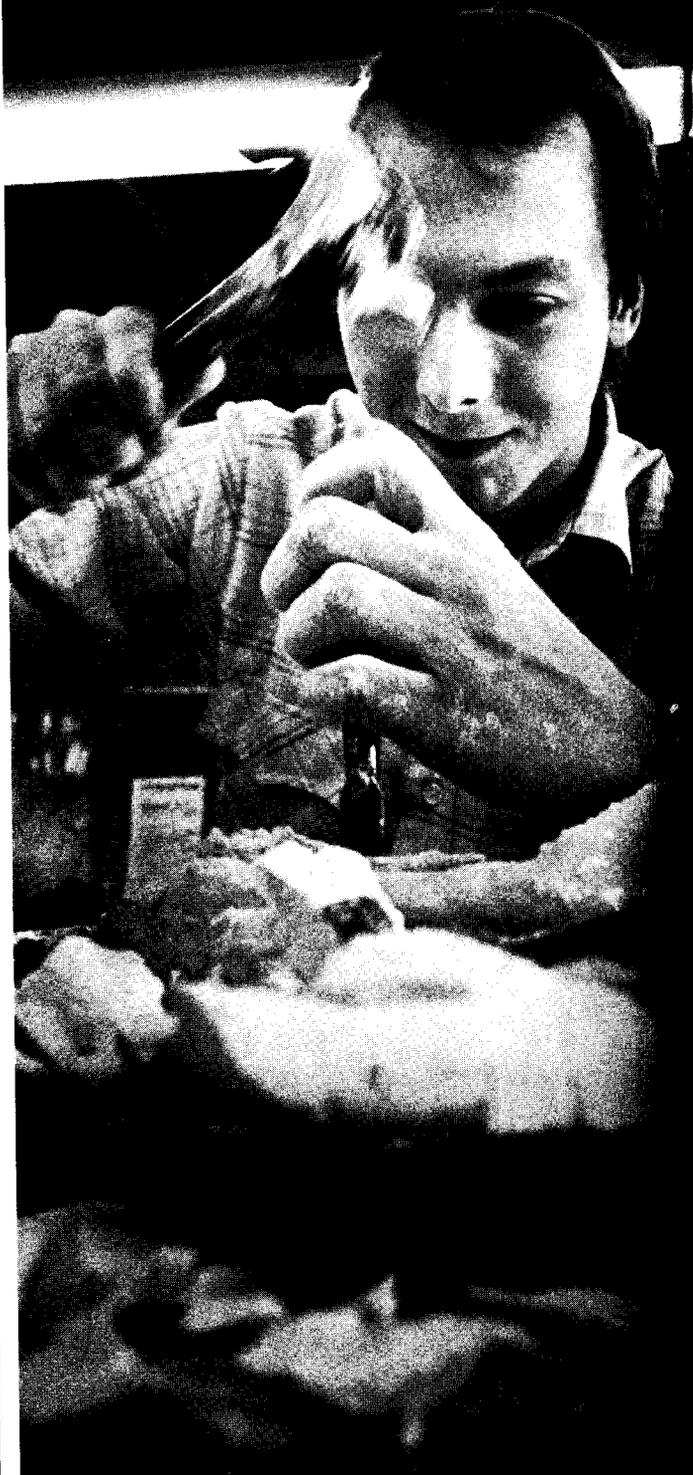
STUDENTS AND ALUMNI

Admissions Policy

Admission to the University is open to all qualified persons, and is based primarily on previous achievement and ability. Race, religion, color, sex, national origin, or handicap are not part of the criteria for admission or employment.

Enrollment (fall quarter 1978)

	Men	Women	Total
Agriculture	1,170	615	1,785
Biological Sciences	309	167	476
Business Administration	1,007	459	1,466
Dental Hygiene	4	329	333
Dentistry	508	68	576
Education	822	1,453	2,275
Forestry	348	92	440
General College	1,434	1,284	2,718
Graduate School	4,225	2,823	7,048
Home Economics	78	1,372	1,450
Law	457	263	720
Liberal Arts	8,312	8,524	16,836
Medical School	1,502	390	1,892
Medical Technology	20	113	133
Mortuary Science	59	6	65
Nursing	41	474	515
Occupational Therapy	4	76	80
Pharmacy	227	149	376
Physical Therapy	11	47	58
Public Health	144	218	362
Technology	4,108	594	4,702
University College	80	123	203
Veterinary Medicine	195	124	319
Total Twin Cities	25,065	19,763	44,828
Crookston	566	517	1,083
Duluth (includes Graduate School)	3,666	3,143	6,809
Morris	790	643	1,433
Waseca	557	493	1,050
Total Collegiate	30,644	24,559	55,203
Extension Classes			17,579
Grand Total			72,782



Tuition Rates* (per quarter, 1978-79)

	Resident	Nonresident
Liberal Arts, University		
College, Dental		
Hygiene, General		
College, Letters and		
Science (Duluth), Fine		
Arts (Duluth), Morris	\$271	\$772
Technical Colleges at		
Crookston and Waseca	250	687
Business Administration,		
Agriculture, Forestry,		
Home Economics, Educa-		
tion, Business and		
Economics (Duluth),		
Education (Duluth)	297	847
Biological Sciences,		
Nursing, Technology	318	906
Law, Pharmacy,		
Mortuary Science	408	1,143
Veterinary Medicine,		
Dentistry, Medicine		
(Duluth), graduate work		
in veterinary medicine		
and in dentistry	678	1,830
Public Health,		
Medical Technology,		
Physical and Occupational		
Therapy, Biomedical		
Graphic Design, Radiation		
Therapy, Nurse Anesthesia,		
Social Development		
(Duluth)	357	982
Medical School and		
graduate work in medicine		
1-9 credits	339	915
10 credits	678	1,830
Post-M.D. medical		
fellow specialist	147	147
Graduate medical or		
dental fellow	351	351

*For information on other tuition rate categories see the *General Information Bulletin*.

Student Services Fees (per quarter, 1978-79)

Technology	\$60.25
All other colleges, Twin Cities campus	59.25
Duluth campus	45.75
Morris campus	55.00
Crookston campus, fall quarter	40.00
winter and spring quarters	33.50
Waseca campus	32.00

Degrees Granted

Since June 1873, when the first two degrees were awarded, the University has granted a total of 310,435 degrees (through June 1978). During the school year 1977-78, 10,688 students received their diplomas.

Included in the total number of degrees granted through June 1978 are 12,643 Doctor of Philosophy degrees, the first of which was awarded in 1888. In 1977-78, the University presented degrees to 483 Ph.D. candidates.

Athletics

Intercollegiate athletic programs are available for men and women on the Twin Cities campus. The Department of Men's Intercollegiate Athletics fields teams in 11 sports—baseball, basketball, cross country, football, golf, gymnastics, hockey, swimming, tennis, track, and wrestling.

Gopher football teams have won six national championships, the last one in 1960. The baseball team has captured 11 Big Ten titles since 1956, and 3 NCAA championships (1956, 1960, and 1964). The Minnesota men's basketball team won the Big Ten conference championship in 1972 and finished as runner-up in 1973 and 1977, and the hockey team won the NCAA championship in 1974 and 1976. The gymnastics team won the Big Ten championship in 1977 and 1978.

The Department of Women's Intercollegiate Athletics has 10 varsity teams—basketball, cross country, field hockey, golf, gymnastics, softball, swimming and diving, tennis, track and field, and volleyball—that compete on regional and national levels according to the rules of the Association for Intercollegiate Athletics for Women (AIAW). During the 1978-79 season, approximately 60 tuition and fees scholarships were awarded to women athletes through the Patty Berg Development Fund.

Last year teams won MAIAW state championships in six sports—volleyball, cross country, gymnastics, basketball, tennis, and softball. The tennis and golf teams captured AIAW Region 6 championships and the softball team, which finished second at the regional championship, qualified for the AIAW national softball championship. Among the top 16 teams in the country, the softball team placed third—the best national finish ever recorded by a University women's athletic team.

Two women were named "all-America" at AIAW national championships. One of them finished 12th at the national cross country championship and another placed 14th in the 100-yard backstroke at the national swimming and diving championship. A member of the women's basketball team was named to the "all-tournament team" at the national women's invitational tournament, and two softball players were selected to try out for the Pan American Games.

Additional information, schedules, and department brochures are available at 238 Bierman Field Athletic Building, 516-15th Ave. S.E., Minneapolis, Minnesota 55455.

Twin Cities campus athletic facilities include Memorial Stadium, which seats 56,725 for football, and Williams Arena, which seats 17,435 for basketball and 7,654 for hockey. The football stadium also houses facilities for golf, handball, karate, paddleball, squash, weightlifting, wrestling, and other activities. Bierman Field is the site of a 2,300-seat baseball stadium, and a nine-lane, synthetic surface running track with seating for 1,000.

Still other facilities include an 18-hole championship golf course; a 9-hole short course; 30 outdoor tennis courts; 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 the administrative offices of men's and women's athletics are located in the Bierman Field Athletic Building.

Varsity and intramural athletic programs are also offered at each of the coordinate campuses. At Duluth, the UMD Bulldogs compete in 11 men's varsity sports and 9 women's varsity sports as members of the Northern Intercollegiate Conference (NIC), the Western Collegiate Hockey Association (WCHA), and the National Association of Intercollegiate Athletics for Women. Men's competition includes baseball, basketball, cross country, football, golf, hock-

ey, skiing, swimming, tennis, track, and wrestling. Women compete in basketball, cross country, field hockey, skiing, softball, swimming, tennis, track, and volleyball. Football games and track meets are held at the 4,000-seat capacity Griggs Field, located on campus. WCHA hockey games are played in the 5,400-seat Duluth Arena, and baseball games are played at Wade Stadium.

The popularity of intramural competition at Duluth has grown dramatically in the past few years. There are now 20 different intramural team sports with an average of 2,200 students participating each quarter. Facilities available for intramural and independent student use include indoor and outdoor tennis courts, gymnasiums, a pool, weight rooms, and running tracks.

Morris fields seven men's varsity teams in baseball, basketball, football, golf, tennis, track, and wrestling; and five women's varsity teams in basketball, swimming, tennis, track, and volleyball. The UMM Cougars are members of the Northern Intercollegiate Conference in men's athletics and of the Minn-Kota Conference in women's athletics. Athletic facilities include a football field with seating for 2,500; an "all-weather" perma-track; a baseball diamond; a physical education complex with seating for 3,400, housing three basketball courts, an all-purpose gymnasium, and handball courts; and a pool complex.

At Crookston, the UMC Trojans compete in the Northern Division of the Minnesota Junior College Conference. Since entering the league in 1967 the football team has won four divisional crowns and one state playoff championship. UMC offers baseball, basketball, football, hockey, and wrestling in its men's program. Women's intercollegiate sports include basketball and volleyball.

At Waseca, the technical college is a member of the Minnesota Junior College Conference. The Rams men's teams compete in basketball, cross country, football, golf, track, and wrestling in the Southern Division of that conference. Women compete in basketball, cross country, golf, softball, track, and volleyball.

International Students and Scholars

The University is distinguished as an international higher education community by the presence of over 1,800 international students and 200 scholars from more than 100 different nations.

The International Student Adviser's Office, located at 717 East River Rd., Minneapolis, Minnesota 55455, assists foreign nationals and the University through activities in intercultural/international education (teaching, programming, and orientation); advising on financial aid, work permission, academic and personal problems, and U.S. and foreign government regulations; and consultation with other University units and student organizations.

The Minnesota International Student Association in 235d Coffman Union serves all students through educational and sociocultural programming of an international nature. The Minnesota International Center at 711 East River Road assists foreign nationals through its educational and social programs. The International Study and Travel Center in 40 Coffman Union offers assistance to students, faculty, and staff planning to travel, study, conduct research, work, or volunteer abroad.

On the Crookston campus an International Students Club has been formed under the sponsorship of the director of international education. All international students at UMC are invited to participate in the club and membership is also open to American students. For the past three years the club has helped international students become oriented to college life in this country and has planned many fund-raising activities to provide scholarships for them. Students have come to UMC from Europe and Asia and a faculty exchange program has brought two instructors from a technical college in England.

Minnesota Alumni Association

The Minnesota Alumni Association is a voluntary organization of nearly 20,000 paid members. Membership is open to graduates or former students who have completed 15 credits in daytime or evening classes. Associate membership is available to friends of the University who have not attended. The organization is governed by a board of 58 directors, which includes 20 presidents or representatives of constituent alumni groups, 16 regional directors, and the presidents of the Law Alumni Association and the "M" Club.

The association has 45 chapters in the United States and overseas. Members serve on a variety of University committees. It acts as secretariat for its 20 constituent groups, helps maintain records of University alumni, and recommends distinguished alumni for University honors. The Alumni Associa-

tion serves members through its publication (*Minnesota Alumni News*), the Minnesota Alumni Club in the IDS Center, travel programs, a comprehensive insurance program, and other benefits. Its central purpose is to support the University and serve its alumni in every possible way. The Alumni Center is in 100 Morrill Hall, 100 Church St. S.E., Minneapolis, Minnesota 55455.

The University of Minnesota, Duluth, Alumni Association has 1,600 members. Graduates receive one year's free membership; renewal is \$7.50. Association programs include representation on campus committees, travel, reunions, and educational and social events. Members are kept informed of UMD's development through the quarterly *Alumnnotes*. Association offices are in 320 Administration Building. Executive director is Marsha Kelly.

At Morris alumni activities are coordinated by the Office of University Relations.

Alumni services at the University's Crookston campus have been the responsibility of the director of alumni relations since 1973. This office maintains communications with UMC alumni, conducts follow-up studies and other alumni surveys, and coordinates efforts to consolidate alumni from the college and the Northwest School of Agriculture, a secondary school that was superseded by UMC in 1966. Assistance is provided in several alumni relations projects by the University Relations Department.

The UMW Alumni Association at Waseca has been active since 1974. The placement and alumni office maintains contacts with alumni for job assistance, social events, follow-up surveys, and locator service.

Reserve Officers Training Corps (ROTC)

Qualified men and women on the Twin Cities campus may earn commissions in the army, navy, air force, and marine corps while completing requirements for a University degree. In addition, two-, three-, and four-year scholarships are available. Air force ROTC is also offered at Duluth.

The Department of Military Science conducts the army ROTC program, which has been on campus since 1869, and prepares students for commissioning in both the Regular Army and the Army Reserve in their home states. Courses are offered in two- and four-year sequences. Although the four-year pro-

gram is the best preparation for students who will become commissioned officers, there are a variety of other options available allowing direct entry into the advanced course. Current enrollment is 140 cadets. Women constitute 17 percent of the enrollment and participate in all phases of training.

The Naval Reserve Officers' Training Corps (NROTC), on campus since 1939, offers students the opportunity to earn commissions as navy or marine corps officers. NROTC is the largest producer of officers for the Regular Navy. Upon receiving their commissions, graduates have several career options. According to a recent sampling, 25 percent chose aviation, 45 percent became surface/subsurface line officers, 13 percent entered the marine corps, and 5 percent entered the judge advocate, civil engineering, and engineering duty officer corps.

Air force ROTC has been on the Twin Cities and Duluth campuses since 1949. Students may work toward reserve commissions in the air force, including 25 hours of pilot training for qualified pilot candidates. There are two- and four-year programs leading to a commission as second lieutenant in the U.S. Air Force. Full scholarships are available for qualified applicants and all members of the cadet corps receive \$100 a month during their final two years. Enrollment at both campuses is approximately 90 cadets. On the Twin Cities campus, 19 percent are women; at Duluth, 28 percent are women. The first woman commissioned through any ROTC program in Minnesota was commissioned by the Twin Cities campus air force ROTC program in 1974.

Residence Halls

University residence halls provide housing for 4,290 students on the Twin Cities campus, 1,830 at Duluth, 1,029 at Morris, 468 at Crookston, and 436 at Waseca for a total of 8,053.

Room and board rates in the residence halls vary among units and from campus to campus. Twin Cities campus rates range from \$535 to \$712 per quarter. Quarterly rates at Duluth are \$548 to \$660 in residence halls, and \$325 to \$360 in apartments; at Morris, \$420 to \$465, and \$240 in apartments; at Crookston, \$394 to \$528, and \$416 in apartments including one meal per day; and at Waseca, \$405 to \$505, and \$256 for apartments. Rooms with limited

meal plans are available on all campuses. Meals are not included with apartment housing at Duluth, Morris, and Waseca.

Residence halls on the Twin Cities campus accommodate 2,311 men and 1,979 women. Comstock is for women only and Frontier is for men. The other six halls are for men and women. Housing for married students on the Twin Cities campus is provided in Commonwealth Terrace and Thatcher Hall in St. Paul, and Como Student Community in Minneapolis. These apartment facilities are managed by student-run cooperatives.

At the Duluth campus Vermilion Hall houses men and Burntside Hall houses women. Griggs, Lake Superior, Alworth, and Torrance Halls and the Stadium, Junction Avenue, and Village Apartments are coeducational.

On the Morris campus, Gay, Independence, Spooner, Blakely, and Pine Halls provide coeducational housing. Residence Hall IV is an apartment complex for men and women.

Robertson Hall, on the Crookston campus, accommodates men; McCall Hall, Skyberg Hall, Brink Hall, and Skyberg Annex II, an apartment-style complex, accommodate men and women.

Housing is provided for men and women, in separate wings, on the Waseca campus, and in two apartment-style complexes.

Sororities and Fraternities

There are 7 professional and 17 undergraduate sororities on the Minneapolis campus and 3 undergraduate sororities 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.

There are 32 undergraduate and 24 professional fraternities serving students on the Twin Cities campus; most chapters offer live-in and eating facilities. Membership is by mutual choice and all students in good standing are eligible to belong. The Interfraternity Council (IFC) is the coordinating body for most of the fraternities. IFC plans a summer rush and open houses at the beginning of the school year, but students may join any time during the year.

University sororities and fraternities provide small group living accommodations and a wide variety of activities for more than 2,000 residents on the Twin Cities campus. Houses offer many different options from room only to room and board with cleaning help.

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

Student Governing Bodies

The Twin Cities campus student government, which was reorganized in fall 1976, is composed of two bodies: the Twin Cities Student Assembly (TCSA) and the All Campus Council (ACC). All fee-paying students may vote in the spring elections for TCSA student senators, ACC members at large, and the student body (ACC) president. Offices are in 240 Coffman Memorial Union, 300 Washington Ave. S.E., Minneapolis, Minnesota 55455.

TCSA is composed of student senators elected to represent the various colleges and institutes of the University. In addition, 10 positions have been added for minority representation in TCSA: 2 representatives each for Asian American, black, Chicano, American Indian, and international students. TCSA functions mainly within the University Senate, where members are concerned with academic and political issues, such as approval of the student services fee; election of student representatives to the Board of Regents; and direct input to the University president, the administration, and the regents.

ACC is made up of 25 members at large elected by the entire student body, plus 10 positions for minority representatives of Asian American, black, Chicano, American Indian, and international students. The remainder of the members represent dorm residents, college boards, student unions, fraternities, sororities, and the St. Paul and Minneapolis Freshman Councils. ACC activities include lobbying at the legislature, awarding small grants to student organizations, bringing and maintaining lawsuits (such as the Title IX complaint), and researching areas of student concern at the University.

The Duluth Student Assembly (SA) serves the student body and represents it at all levels in the University system including the UMD Campus Assembly, the All-University Senate, and regents committees.

The SA Executive Committee usually includes an executive assistant and three vice presidents, in addition to the president. The vice presidents have responsibility for academic affairs, student affairs, and business affairs. The SA president, senators, and representatives from the schools and colleges are elected in the spring. Vice presidents are appointed by the president with the approval of the Student Congress.

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.

At Crookston the student governing body is the Student Senate. The Waseca Student Association represents UMW students in campus governance. Its executive-legislative body, the Student Senate, is composed of the president, vice president, secretary, treasurer, senators (one for each 150 students), the student representative to the Board of Regents, and student members of the All-University Senate. The Student Senate appoints students to campus committees and studies and makes recommendations on matters of student concern.

University Unions/Centers

The Department of the Minnesota Union on the Twin Cities campus includes Coffman Memorial Union, the St. Paul Student Center, and the West Bank Union. A student-faculty-staff board directs each facility and union 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 cafeteria-style commuter lunchroom, located in Bede Hall, serves as the Crookston campus student center. The Ram Shack, the Student Activity Link, and Student Union are centers of student activities at Waseca.

FACULTY AND STAFF

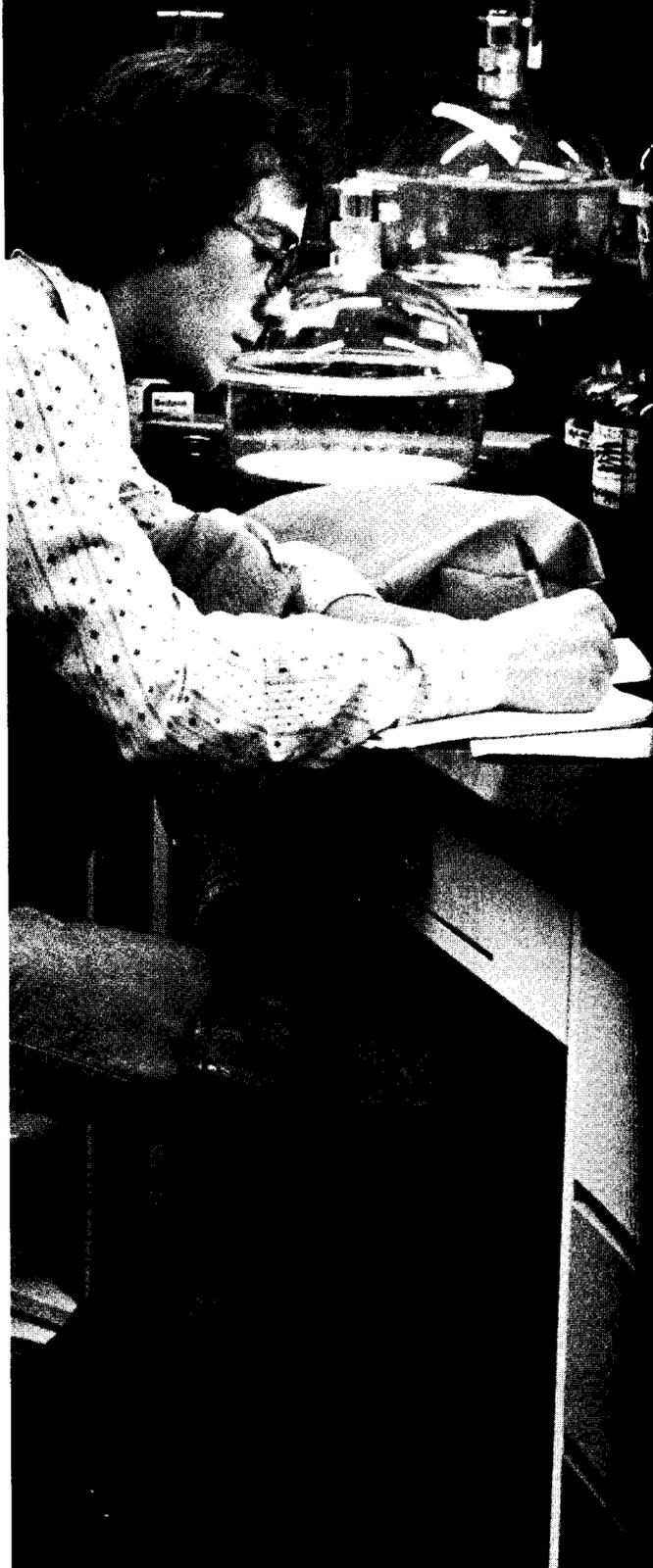
Faculty and Staff Totals (1978-79)

The University employs 4,350 full-time and 936 part-time persons for its academic staff. The civil service is composed of 9,368 full-time and 1,896 part-time staff members. These figures do not include student employees.

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 or she remains on the active faculty of the University. To date, the following faculty members have been designated regents' professors:

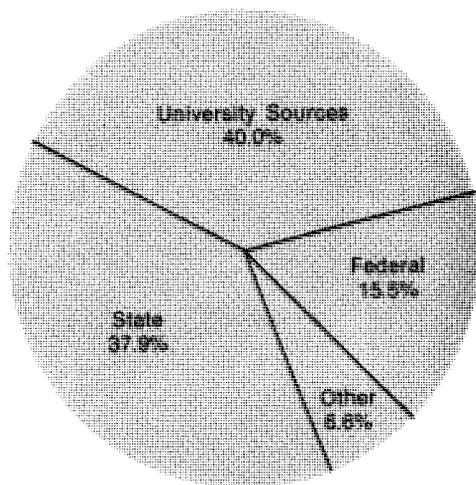
- Regents' Professor of Chemical Engineering Neal R. Amundson (1967-77)
- Regents' Professor of Chemical Engineering Ruth-erford Aris (1978)
- Regents' Professor of Biochemistry Wallace D. Arm-
strong (1974, retired)
- Regents' Professor of Neurology A. B. Baker (1973-
76, retired)
- Regents' Professor of History and Philosophy of
Education Robert H. Beck (1976)
- Regents' Professor of Humanities John Berryman
(1969-72, deceased)
- Regents' Professor of Plant Pathology Clyde M.
Christensen (1973-74, retired)
- Regents' Professor of Genetics Ralph E. Comstock
(1968)
- Regents' Professor of Mechanical Engineering
Ernst R. G. Eckert (1966-73, retired)
- Regents' Professor of Higher Education Ruth E.
Eckert (1972-73, retired)
- Regents' Professor of Philosophy Herbert Feigl
(1967-71, retired)
- Regents' Professor of Pediatrics and Microbiology
Robert A. Good (1969-72)
- Regents' Professor of Oral Pathology Robert J. Gor-
lin (1978)
- Regents' Professor of Economics Walter W. Heller
(1967)



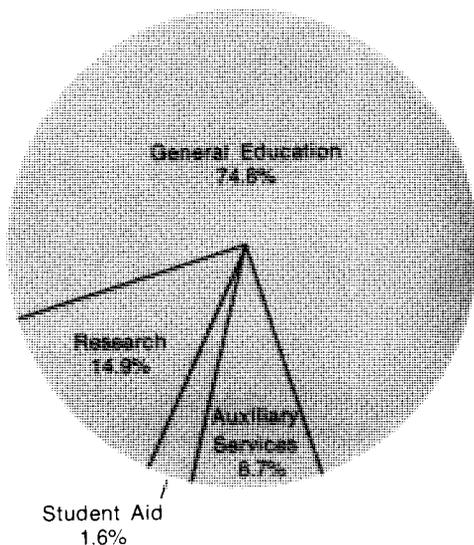
- Regents' Professor of Family Sociology Reuben L. Hill (1973)
- Regents' Professor of Anthropology E. Adamson Hoebel (1966-72, retired)
- Regents' Professor of Economics Leonid Hurwicz (1969)
- Regents' Professor of History Tom B. Jones (1970-77, retired)
- Regents' Professor of Classical Studies William A. McDonald (1973)
- Regents' Professor of Psychology Paul E. Meehl (1968)
- Regents' Professor of Physics and Astronomy Edward P. Ney (1974)
- 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 (1967-73, retired)
- Regents' Professor of English Allen Tate (1966-68, retired)
- Regents' Professor of Political Science John E. Turner (1974)
- Regents' Professor of Surgery Richard L. Varco (1974)
- Regents' Professor of Physiology Maurice B. Visser (1967-70, retired)
- Regents' Professor of Surgery Owen H. Wangenstein (1966-67, retired)
- Regents' Professor of Medicine Cecil J. Watson (1968-69, retired)
- Regents' Professor of Geology, Ecology, and Botany Herbert E. Wright (1974)



1977-78
Income by Source



1977-78
Expenditures by Function



Additional financial information is available on request. Copies of the *Annual Report* are available from the Business Office, 2610 University Ave., St. Paul, Minnesota 55114.

PHYSICAL PLANT AND FINANCES

Total Building Valuation (by campus)

	Book Value
Minneapolis	\$315,936,136
St. Paul	86,436,493
Duluth	50,240,510
Morris	19,127,682
Crookston	5,521,678
Waseca	4,929,714
Rosemount Research Center	470,547
Off-Campus Buildings	7,608,411
Branch Stations	9,694,118
Total	\$499,965,289

University Land (estimates as of June 30, 1978)

Campuses	Acres
Minneapolis	233
St. Paul	752
Duluth	247
Morris (includes Station)	1,203
Crookston (includes Station)	1,484
Waseca (includes Station)	848
Branch Stations	18,899
Total	23,666

Financial Status

Operating Budget for 1978-79	\$549,689,232
Sources of revenue for 1978-79 (estimates):	
State appropriations	200,519,196
Student fees	46,251,835
Federal funds	83,480,133
Private gifts, grants, contracts	30,900,481
Earnings	181,012,587
Gifts and endowment income for student aid	7,525,000
Total	\$549,689,232



GENERAL INFORMATION

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 opportunities for minorities, women, and handicapped persons in all areas. The office also monitors affirmative action efforts to determine if the University is in compliance with federal and state equal opportunity guidelines.

The director of the office submits periodic reports to the regents, University president, the Department of Health, Education, and Welfare, and other federal and state agencies. The chief administrators and equal opportunity officers of each University unit 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 its reports and other documents.

Libraries

With collections totaling over three million volumes, the University of Minnesota Library ranks 11th in size among those of American universities. In addition to the humanities and social science resources in Wilson Library, the biomedical library in Diehl Hall, 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 230,800 volumes and receives more than 2,430 foreign and domestic magazines, newspapers, and other periodicals. An additional 41,289 volumes and 675 periodicals are housed in the health sciences library. Special collections include a 12,000-volume Children's Library, a collection of teaching materials, the Voyageur Collection of historical materials, and the Northeastern Historical Center.

A cooperative agreement between UMD, the College of St. Scholastica, and the University of Wisconsin-Superior allows students from the three Twin Ports colleges to use the facilities and borrow materials at all three libraries. The agreement places more than half a million books at the disposal of students and faculty at the three campuses.

The Rodney A. Briggs Library, named for the first UMM provost, has 160,000 books and provides reading space for 600 students. The library serves as a repository for selected government documents and is open to the public 85 hours a week.

The library collection in the Learning Resources Center at Crookston emphasizes holdings in the areas of agriculture, business, home and family services, and hotel, restaurant, and institutional management. Other media resources in the audiovisual field are also available to support the technical college curricula.

The Learning Resources Center on the Waseca campus includes a specialized collection of post-secondary, technical materials that relate to the broad field of agriculture. In addition to the books, periodicals, pamphlets, microfilm, and audiovisual materials, the facility houses the learning skills center and other media support units.

All University of Minnesota libraries are interconnected by MINITEX (Minnesota Interlibrary Teletype Exchange), a cooperative system that shares the resources of all academic libraries and major public libraries in the state.

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, specialized news services handle information for the Institute of Agriculture, Forestry, and Home Economics and the Departments of Men's and Women's Intercollegiate Athletics, Twin Cities campus.

University of Minnesota Foundation

The University of Minnesota Foundation provides private gift support for certain University needs for which tax monies are not available. The foundation is a nonprofit organization with tax deductibility for contributions with the sole beneficiary being the University. It is managed by a Board of Trustees of concerned citizens who have a strong interest in the University.

The foundation provides the medium through which gifts may be contributed or sought from various sources of support, including individuals, corporations, and foundations. During the past several

years the foundation has assisted in raising funds for, and supported, a variety of University projects, research, and student aid. These include the Leukemia Research Fund, Landscape Arboretum, Regents' Professorship Program, Humphrey Institute of Public Affairs, Corporate Associates Program, and School of Nursing Foundation.

University Press

The University of Minnesota Press, the book publishing department of the University, reaches audiences of scholars, professionals, students, and the general public. It publishes research studies, textbooks, reference works, and regional general books by University faculty members, scholars, and other writers.

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

Tours

The Visitor Information Center, at 111 Coffey Hall in St. Paul, is the starting point for many tours of the Twin Cities campus. Student tour guides show visiting families, school groups, and other groups the highlights of the campus, or areas of special interest to them. The animal barns are a favorite attraction for elementary school children. Tour requests should be made at least two weeks before the date a tour is desired, but every attempt is made to fill requests of shorter notice. Visitors who arrive unannounced may be given a campus map with a walking tour penciled in, for use without a tour guide.

Tours of the Duluth campus may be arranged by contacting the Kirby Student Center information desk at (218) 726-7163. Visitors information and campus brochures may also be obtained at the student center.

Persons or groups who want to tour the Morris campus should contact the Admissions Office in 201 Behmler Hall, (612) 589-2116, or the Office of University Relations in 306 Behmler Hall, (612) 589-4322.

At Crookston educational tours of classroom buildings, other facilities, and the landscaped grounds can be arranged for any size group by contacting the University Relations office. Packets of information are also supplied on request.

Tours of the Waseca campus can be arranged by calling University Relations at (507) 835-1000, ext. 263 or 264. Arrangements for all noncampus groups and organizations wishing to use campus facilities for meetings, short courses, or seminars, are also handled by University Relations.

Publications

The **Minnesota Daily** is the independent student newspaper for the Twin Cities campus. It is published daily during the academic year and three times each week during summer sessions, but is not published when classes are not in session. Editorial offices are in Murphy Hall. Business offices are at 720 Washington Avenue S.E.

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 sessions by the Office of Campus Relations, 305 Administration Building. **Profile** is published quarterly by Campus Relations for distribution to parents of students, alumni, and friends of UMD.

Morris Weekly 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 during the academic year, it is distributed quarterly 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 of Twin Cities bulletins and has responsibility for the mailing permit used.

Report, a tabloid newspaper for faculty and staff members, is published monthly by the Department of University Relations. It includes news and feature articles from all campuses of the University.

Brief, a weekly bulletin of current University news items (every other week during the summer), is published by the Department of University Relations,

Twin Cities campus. It is distributed to faculty, staff, and student leaders on all campuses.

Update, published by the Department of University Relations on the Twin Cities campus, is a quarterly description of the University, its people, and its goals. It is mailed to alumni, parents of University students, and other external constituencies.

Focus is a regular publication issued by the Department of University Relations on the Morris campus. It contains general information about UMM and is distributed to various audiences outside the University in west central Minnesota and throughout the state.

Inside Out, a general audience newsletter, is published each month from September through May by the University Relations staff in Crookston. Intended to foster goodwill rather than to convey timely news information, it features photographs and human interest articles about UMC staff, students, and alumni. *Inside Out* is sent to parents of students, recent graduates, advisory committee members, civic leaders, friends of the institution, and educators, among others.

The **Twin Cities Campus Calendar** is published each quarter by the Department of University Relations and provides a brief summary of some of the important events on the campus. Copies are available from the department, S-68 Morrill Hall, 100 Church St. S.E., Minneapolis, Minnesota 55455.

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 coordinate campuses also publish their own directories.

The **Annual Report**, published by the Department of University Relations, is the official report of the University's financial status. Part of the report is devoted to a discussion of University activities during the year just completed. Supplementary schedules and copies of the *Annual Report* are available from the Business Office, 2610 University Ave., St. Paul, Minnesota 55114.

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.

Honorary Degrees

Honorary degrees are conferred sparingly by the University of Minnesota. The first was given in 1925, and as of fall 1978 only 53 had been given. Recipients of honorary degrees have included Hubert H. Humphrey (1966), James P. Shannon (1966), John H. Van Vleck (1971), Harold E. Stassen (1972), John Bardeen (1973), Roy Wilkins (1976), Walter F. Mondale (1978), and Warren E. Burger (1978).

Nobel Prize Winners

John H. Van Vleck (Former Faculty)	Physics	1977
Saul Bellow (Former Faculty)	Literature	1976
William N. Lipscomb (Former Faculty)	Chemistry	1976
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, deceased)	Medicine	1950
Ernest O. Lawrence (Alumnus, deceased)	Physics	1939
Arthur Compton (Faculty, deceased)	Physics	1927

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.

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.

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, who appears at many athletic events and convocations; the athletic teams are called the Trojans. The name is the result of a "Name the Team" contest conducted by the student association when the campus was established 12 years ago.

Ramus, the Waseca mascot, is present for home football games. The college sports teams are known as the Rams.

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. 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 meta-physical sciences; the telescope, the physical sciences; the plow, the industrial arts; and the pallet with brushes, the fine arts. The motto, written in Latin, means "a common bond for all the arts." The regents' seal is reserved for documentary use as the official seal of the University.



University Symbol

The official University symbol was originated by the Graphic Design Department and adopted in 1971. The design is a modification of the basic UM letterforms to provide a personalized mark of strong visual identity. The symbol is used on all University stationery and is the preferred identity mark for all communications.



Cultural Activities

Art Galleries

The University Gallery pursues an expanding program of presenting art exhibitions, developing a permanent collection, and providing rental service of original works of art for University students, staff, and faculty. The gallery's permanent collection contains outstanding works of art in all media, ranging in period from antiquity to the present. Additions to the collection are made by gift and by purchase when funds are available.

Throughout the year a variety of temporary exhibitions are presented and several shows are prepared for circulation throughout Minnesota and adjoining states. The gallery's exhibition spaces are located on the third and fourth floors of Northrop Auditorium, Twin Cities campus, and admission is free at all times. Group tours are available by reservation.

Other galleries are located in Coffman Memorial Union, the St. Paul Student Center, Willey Hall, and Wilson Library.

Since the Tweed Museum of Art was opened on the Duluth campus in 1958, more than one million persons have viewed as many as 20 separate exhibitions each year, plus faculty and student shows, a continuing display of art from the George P. Tweed Memorial Art Collection, and the museum's permanent collection of more than 600 works. The Tweed Memorial Art Collection and major funding for construction of the museum were donated by the late Alice Tweed Tuohy. Continuing support is provided by the Friends of Tweed organization and area patrons.

The gallery in the Humanities Fine Arts Center, Morris campus, is notable for its size and outstanding lighting, which permit displays of large wall hangings and floor pieces. Two shows can be presented simultaneously when the loft area is used.

Concerts and Lectures

The Department of Concerts and Lectures presents the Northrop Dance Series during each school year. The series usually consists of performances by nine professional companies from throughout the world, with the emphasis on classical ballet, contemporary dance, and ethnic folk companies. Student discounts are available for season tickets and individual performances.

Each spring the department joins the Minnesota Orchestral Association and a regional committee of sponsors and guarantors in presenting performances by the Metropolitan Opera Company of New York. Mail orders for tickets are accepted at 105 Northrop Memorial Auditorium, 84 Church St. S.E., Minneapolis, Minnesota 55455, six weeks before the opera performances. Tickets for both the opera and the dance series may be purchased at the ticket office or any Dayton's or Donaldson's store.

During the academic year free convocations, open to the public, are sponsored by the Campus Committee on Convocations and the Arts. Events include lectures, musical programs, theatrical productions, and films. Concerts and Lectures also cosponsors with other University departments special lectures and scientific conferences for more selected audiences. During the summer, Summer Session and the Department of Concerts and Lectures sponsor free films and music and dance programs.

At the Duluth campus convocations, lectures, and recitals are sponsored by the Kirby Student Center Program Board, other student organizations, and academic departments. Programs are of a wide variety and most are open to the public at no charge. During the year, the committee also sponsors several concerts featuring popular musicians and entertainers. The UMD Coffee House series features talented young people who perform week-long engagements at the Bull Pub.

The University of Minnesota, Morris, each year presents a wide range of concerts, theater attractions, recitals, lectures, films, and dance programs. Productions are open to the public.

The Concerts and Lectures Committee at Crookston and the Convocations Committee at Waseca are composed of students and faculty and are responsible for planning special campus events and cultural and popular entertainment programs.

Radio Stations

KUOM radio (770 kHz) is a service of Continuing Education and Extension and is a National Public Radio Network affiliate. It provides a full schedule of news, music, public affairs, instructional programs, and the arts, broadcasting from studios on the Twin Cities campus with a transmitter power of 5,000 watts. Programs can be heard Monday through Friday from 10:30 a.m. to local sunset and Saturday from noon to local sunset. Main offices are at 550 Rarig Center.

Founded in 1948, WMMR is a student-operated radio station broadcasting to the University dormitories in Minneapolis. The station operates daily (during the school year) between 7 a.m. and 2 a.m., at a frequency of 730 kHz. Programs include contemporary rock music, news, and sports—including play-by-play of Gopher home games. It is a volunteer organization open to any student, regardless of background or major. Offices and studios are located at 329 Coffman Memorial Union.

WDTH in Duluth is a 100,000-watt FM stereo radio station, broadcasting at 103.3 MHz. It is operated by Continuing Education and Extension and UMD students under the auspices of the Department of Communication. Programming includes news, public affairs, and music as part of the station's alternative radio format.

Administered, maintained, and operated by students, KUMM-FM radio serves the Morris campus

community, providing programming that is both educational and entertaining.

KUCUM-FM, the Crookston campus radio station, broadcasts to listeners within a 50 to 75 mile radius of the studio. It is operated exclusively by UMC students, most of whom are majoring in rural communications. Programming includes local, national, and international news, music, and live play-by-play reports and commentary of UMC athletic events. Studios are located in the Learning Resources Center.

At Waseca KUMW, a student-operated radio station, broadcasts on an FM frequency on cable TV with recorded music and live programming. Studios are in the Learning Resources Center.

Television

Several University Television programs are produced weekly for broadcast over KTCA-TV, Channel 2, the Twin Cities area educational television station. Most of the programs are produced by Media Resources of Continuing Education and Extension and faculty and student input is encouraged. They range from general informational programs to University credit courses offered by extension independent study. Program times and titles can be found in the daily television listings of the metropolitan newspapers, or obtained from the coordinator of broadcast television, at 373-2846.

The Waseca campus has a two-way link with the local cable company and can originate programs at three locations on campus and feed directly into the cable system.

Theater

Each year the University Theatre, located in the Rarig Center 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 Centennial Showboat plays a June, July, and August summer season on the Mississippi River, and the Peppermint Tent, located in Rarig Center, presents plays for youngsters each summer.

The Punchinello Players, located in North Hall in St. Paul, is the University's oldest theater group. Punchinello produces three main shows each year and is run completely by students. The group, sponsored by the Department of Rhetoric, serves as the

University's community theater and offers students the opportunity to gain theater experience.

At Duluth the UMD Theatre provides practical theatrical experience for students who choose theater as a vocation and provides an opportunity to view legitimate stage productions as another part of the individual's liberal education. Ten productions, including dance and opera, are presented each academic year in the Marshall Performing Arts Center. There is also a seven-week summer repertory season.

At Morris, the UMM Theatre correlates 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 theater arts and exposure to a variety of dramatic experiences and staging methods.

Trojan Players, a dramatics organization for UMC students, stages several productions each year on the Crookston campus and also presents several plays in community facilities. The theatrical activities are an extension of the communications curriculum offered under the Division of General Education.

The UMW Drama Club produces plays throughout the year.

Outreach Activities

Created in 1885 by the Minnesota Legislature, the **Agricultural Experiment Station** conducts research to improve agriculture, forestry, rural life, rural economies, and environmental quality. There are 280 scientists at the central station in St. Paul and at the numerous branch stations and research locations throughout the state. The research of these scientists strengthens the competitive position of the agricultural food industry, the state's largest industry and employer, and provides high quality food and fiber at reasonable prices for all Minnesotans.

Research results are published in many popular and scientific publications. For more information, write: Director, Agricultural Experiment Station, 220 Coffey Hall, 1420 Eckles Ave., St. Paul, Minnesota 55108; or call (612) 373-0751.

The **Agricultural Extension Service** is part of the University's Institute of Agriculture, Forestry, and

Home Economics and is responsible for the extension-continuing education function of that unit. A University staff of 349 extension agents in 91 counties is supported by 42 area extension agents in various areas of the state and by 151 specialists and a supervisory-administrative staff of 32 located on campus.

Agricultural extension involves the cooperative efforts of the county, the state, and the federal governments and reaches nearly a third of the persons in Minnesota each year with almost 22,000 educational programs. Extension services include consultations, radio broadcasts, television programs, news releases, and informational publications.

For more information, write: Director, Agricultural Extension Service, 240 Coffey Hall, 1420 Eckles Ave., St. Paul, Minnesota 55108; or call (612) 373-1246.

Continuing Education and Extension (CEE) provides educational services to the people and communities 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 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. During 1977-78 some 96,000 persons registered and paid fees in CEE courses, both credit and noncredit, at undergraduate, post-baccalaureate, and professional levels.

For more information about educational services available, contact Continuing Education and Extension, 150 Westbrook Hall, 77 Pleasant St. S.E., Minneapolis, Minnesota 55455, telephone (612) 373-3900, or the continuing education offices on the coordinate campuses or at Rochester.

The **Gray Freshwater Biological Institute**, located adjacent to a marsh on Lake Minnetonka in Navarre, officially opened July 1974. The institute, which is part of the College of Biological Sciences, provides facilities and equipment enabling faculty members and students to conduct basic research essential to understanding the complex problems of freshwater ecology. The laboratory, constructed entirely with private funds for the University, houses resident faculty members, visiting researchers, and graduate students. For more information, contact

the institute, P.O. Box 100, County Roads 15 and 19, Navarre, Minnesota 55392; (612) 471-8476.

The **James Ford Bell Museum of Natural History**, 10 Church St. S.E., Minneapolis, features exhibits of the wildlife of Minnesota, a natural history library, extensive research collections, the Jaques Gallery of natural history art, and the Blue Heron Bookshop. The museum's Touch and See Room is an area with pelts, bones, and mounted heads of animals arranged in low open displays for close inspection by young children and adults. All objects may be handled.

Guide services and special programs for school groups are available and groups using these services are charged a fee ranging from \$5 to \$25, depending on the size of the group. Groups of 10 or more are asked to make reservations in advance. For further information on hours and services call (612) 373-2423.

The **Lake Superior Basin Studies Center** at Duluth is a research, education, and public service center established to provide a sound basis for decisions relating to the resources of Lake Superior and its adjacent land areas. More information may be obtained from the center, 413 Administration Building, telephone (218) 726-8542.

The University of Minnesota's **Landscape Arboretum**, a 558-acre horticulture research facility and outdoor scientific laboratory, is located four miles west of Chanhassen on State Highway 5. Here University horticulturists test and develop hardy ornamental shrubs and trees for landscaping homes, other buildings, and highway areas to increase the number of varieties that will withstand Minnesota's severe climate. Maintenance of the arboretum's more than 4,000 kinds of plants is financed jointly by the University and by gifts from private donors.

Miles of woodland hiking trails make it possible to study the carefully labeled plantings. Limited picnic facilities are available and an education and research building contains classrooms, an auditorium, a library, a tearoom, and a gift shop. Classes on horticultural subjects are offered both for University credit and for noncredit. About 250,000 people visit the arboretum each year.

The **Minnesota Sea Grant Program** on the Twin Cities and Duluth campuses is a cooperative program of Continuing Education and Extension and the Agricultural Extension Service. Funding for the program is on a matching basis between the National Oceanic and Atmospheric Administration and the University, with additional funding for specific projects from public agencies and private industry.

The program serves as the University's outreach arm to people in the Lake Superior coastal area, applying research findings to practical problems, disseminating information, and providing informal educational programs. Faculty members work directly with marine resource users in the areas of marine education, recreation, coastal engineering, and fisheries.

UMD's **Marshall W. Alworth Planetarium** offers free, public programs each Sunday at 3 p.m. during the academic year. Special showings may be arranged by contacting the planetarium director at (218) 726-7129. Because staff is limited, preference for special showings is given to local school groups when necessary.

The **Red River Valley Natural History Area** is located on an 85-acre tract in the flat lakebed of glacial Lake Agassiz west of the Crookston campus. It was established cooperatively in 1971 by UMC and the Northwest Agricultural Experiment Station and serves as a living museum and teaching laboratory for college, high school, and elementary students. Group tours are given periodically to the general public. In addition to its unique animal and plant habitat, the area includes nature trails and an interpretive center.

Information about speakers may be obtained by contacting the **Speakers Bureau** in the University Relations office on each campus. Lists of faculty and staff available to speak on a wide variety of topics have been compiled.

The **William R. Bagley Nature Area**, located on the northwest corner of the Duluth campus, covers 24 acres of natural forest supporting native vegetation and small animals. Wood chip trails, stairways, and bridges accommodate public exploration of the area.

University Calendar—Academic Year 1978-79*Fall Quarter*

Sept. 7	Classes begin, Crookston
Sept. 25	Classes begin
Nov. 18	End of fall quarter, Crookston
Dec. 5	Last day of instruction
Dec. 7-13	Final examinations
Dec. 8	Last day of instruction, Waseca
Dec. 12	Commencement, Graduate School
Dec. 9-23	Orientation, registration

Winter Quarter

Nov. 28	Classes begin, Crookston
Jan. 2	Classes begin
Feb. 23	End of winter quarter, Crookston
March 9	Last day of instruction
March 12-17	Final examinations
March 20-25	Orientation, registration

Spring Quarter

March 5	Classes begin, Crookston
March 26	Classes begin
May 18	End of spring quarter and commencement, Crookston
June 1	Last day of instruction
June 4-9	Final examinations
June 7	Commencement, Morris
June 8	Commencement, Waseca
June 9	Commencement, Graduate School and Duluth

Summer Session 1979

FIRST TERM

June 4	Classes begin, Crookston
June 12	Classes begin
June 29	Last day of term, Crookston
July 13	Last day of term

SECOND TERM

July 9	Classes begin, Crookston
July 17	Classes begin
Aug. 3	Last day of term, Crookston
Aug. 17	Last day of term

Summer Quarter 1979 (Waseca only)

June 25	Classes begin
Sept. 7	Last day of instruction

Possible Fall Quarter 1979

Sept. 24	Classes begin
Dec. 12	Classes end

