

1980

facts

 University of Minnesota

#### 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 1979. 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.

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## Addresses and Telephones

University of Minnesota, Twin Cities Campus Operator . . . . .	(612) 373-2851
Minneapolis 55455 St. Paul 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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The state constitution provides for University autonomy in the management of its internal affairs. 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 case in 1928, the Minnesota Supreme Court held that the Board of Regents is constitutionally independent of all other executive authority. In 1977 the 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.

### **Board of Regents**

The Board of Regents is the governing body of the University. Chief responsibilities are election of the chancellor; enactment of rules, regulations, and policies governing the University; control of University expenditures; and approval of major personnel 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 of the four at large regents must be a University student or have been graduated from the University within the five years prior to election. Regents serve without pay for six-year terms. Vacancies occurring when the legislature is not in session are filled by the governor.

The president of the University is ex officio president of the Board of Regents. A chairman and vice chairman are elected from the board; a secretary and a treasurer, who may or may not be members of the board, are also elected. All officers, except the president, serve for two years.

The board meets in regular session the second Friday of each month. The business considered is first reviewed by one or more of the standing committees: 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 from within the University are usually submitted to the secretary of the Board of Regents through the President's Office. Requests for personal appearances before board committees must be approved in advance by the secretary.

### *Board of Regents*

The Honorable Charles H. Casey, West Concord,  
District 1

The Honorable William B. Dosland, Moorhead,  
District 7

The Honorable Erwin L. Goldfine, Duluth, District 8

The Honorable Lauris D. Krenik, Madison Lake,  
District 2

The Honorable Robert Latz, Vice Chairman,  
Minneapolis, District 3

The Honorable David M. Lebedoff, Minneapolis,  
District 5

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  
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 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

Acting Vice President Albert J. Linck

## Administration and Planning

Vice President Nils Hasselmo

## Finance

Acting Vice President Clinton T. Johnson (beginning  
March 1980)

## 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 composed of the president and the elected representatives of the various schools, colleges, and campuses of the University. It has legislative control over educational matters concerning the University as a whole, but not over the internal affairs of an individual college or school, unless they affect the interests of other colleges or the University as a whole. Authority for educational matters concerning an individual campus is delegated to campus assemblies. Each campus chooses its own assembly and adopts its own constitution and bylaws, which are consistent with the senate's.

Senate members are elected within each school and college by secret ballot by faculty members with the rank of instructor and above. Colleges choose one senator for each 20 regular faculty members, or portion thereof; every college has at least one senator. Senators also serve on their campus assemblies. Office is held for three years. Student representation on the senate began in 1969. Students are on all committees except the Faculty Consultative Committee and the Senate Judicial Committee.

The senate meets at least once 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 senate members. The senate docket is published in the *Minnesota Daily* in advance of each meeting. Minutes are sent to all faculty 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 University president chairs the senate. He may suspend action taken by the senate or by any college faculty and ask for reconsideration of the action. If agreement cannot be reached, the matter may be appealed to the regents by the president, the senate, or the college faculty.

A vice chairperson is elected each year by the senate from its membership at the first spring quarter meeting. 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, established in March 1973, 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. The council is a forum for the exchange of ideas regarding academic and University matters. It has no legislative function the way the Uni-

versity Senate has, but as an advisory body it constantly reviews academic policies and procedures, resulting in their modification and improvement.

### Consultative Committees

The **Senate Consultative Committee** is composed of nine elected faculty, eight elected students, and the vice chairperson of the University Senate (Russell Hobbie), who serves ex officio. The faculty comprise the Faculty Consultative Committee, and the students make up the Student Consultative Committee. The Senate Consultative Committee meets with the president at least quarterly to discuss policy relating to educational interests, the University, personnel, service functions, and the budget.

The **Faculty Consultative Committee** has seven faculty members from the Twin Cities campus, one each from the Duluth and Morris campuses, one from the Crookston campus who serves one year in odd-numbered years, and one from the Waseca campus who serves one year in even-numbered years. Terms of office are three years (except Crookston and Waseca) and no member may serve more than two consecutive terms. Approximately one third of the terms expire each year. The chairperson is elected by committee members for one year and is eligible for reelection. Faculty Consultative Committee members for 1979-80 are Richard Purple, chairperson; W. D. Spring (Morris), associate chairperson; George Blake; Robert Brasted; Marcia Eaton; Wendell Glick (Duluth); Cleon Melsa (Crookston); Fred Morrison; Vera Schletzer; and L. E. Scriven.

The **Student Consultative Committee** has five members from the Twin Cities campus, one from Duluth, one from Morris, one from Crookston in even-numbered years, and one from Waseca in odd-numbered years. Each must be a member of the student senate at the time of election, serves a one-year term, and is eligible for reelection. Members for 1979-80 are Scott Carlson, Steve Carlson, Dick Cooke, Mark Davis (Duluth), Jim Gelbman (Morris), Sue Pribyl, John Weis, and Brad Werner (Waseca).

In addition to the quarterly meetings of the Senate Consultative Committee with the president, separate meetings of the Faculty and Student Consultative Committees are held to discuss with the president, or others, matters of primary concern to either group. 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 are elected to the assemblies, which are the 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 at least 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 Facilities Department  
Office of Coordinator 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  
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  
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  
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**



### **Vice President for Administration and Planning**

Athletic Facilities Department  
Office of Coordinator 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  
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  
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

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Institutional Relations (Other Educational Systems)  
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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, creed, color, sex, national origin, or handicap are not part of the criteria for admission or employment.

### Enrollment (fall quarter 1979)

	Men	Women	Total
Agriculture	1,076	600	1,676
Biological Sciences	301	159	460
Business Administration	980	538	1,518
Dental Hygiene	2	268	270
Dentistry	504	80	584
Education	791	1,422	2,213
Forestry	278	77	355
General College	1,538	1,399	2,937
Graduate School	4,225	3,017	7,242
Home Economics	87	1,323	1,410
Law	430	260	690
Liberal Arts	8,373	8,728	17,101
Medical School	1,448	463	1,911
Medical Technology	20	126	146
Mortuary Science	49	3	52
Nursing	42	481	523
Occupational Therapy	1	78	79
Pharmacy	217	171	388
Physical Therapy	11	49	60
Public Health	139	217	356
Technology	4,566	684	5,250
University College	92	134	226
Veterinary Medicine	181	137	318
<b>Total Twin Cities</b>	25,351	20,414	45,765
Crookston	523	586	1,109
Duluth (includes Graduate School)	3,626	3,229	6,855
Morris	769	681	1,450
Waseca	618	493	1,111
<b>Total Collegiate</b>	30,887	25,403	56,290
Extension Classes			17,913
<b>Grand Total</b>			74,203

## Tuition Rates\* (per quarter, 1979-1980)

	Resident	Nonresident
Liberal Arts, University College, Dental Hygiene, General College, Morris	\$290	\$798
Technical Colleges at Crookston and Waseca	268	737
Duluth-lower division Duluth-upper division	288	792
Letters and Science, Business and Economics	310	853
Fine Arts, Education, Social Development	320	880
Agriculture, Business Administration, Education, Forestry, Home Economics	320	880
Biological Sciences, Nursing, Technology	343	943
Law, Mortuary Science, Pharmacy	437	1,202
Veterinary Medicine, Dentistry, Medicine (Duluth), graduate work in veterinary medicine and in dentistry	739	2,032
Public Health, Medical Technology, Physical and Occupational Therapy, Nurse Anesthetist	386	1,062
Medical School and graduate work in medicine		
1-9 credits	370	1,016
10 credits or more	739	2,032
Post-M.D. medical fellow specialist	147	147
Graduate medical or dental fellow	376	376

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

## Student Services Fees (per quarter, 1979-80)

Technology	\$64.35
All other colleges, Twin Cities campus	63.35
Duluth campus	50.50
Morris campus	63.00
Crookston campus, fall quarter	41.00
winter and spring quarters	34.50
Waseca campus	34.00

## Degrees Granted

Since June 1873, when the first two degrees were awarded, the University has granted a total of 321,093 degrees (through June 1979). During the school year 1978-79, 10,659 students received their diplomas.

Included in the total number of degrees granted through June 1979 are 13,096 doctor of philosophy degrees, the first of which was awarded in 1888. In 1978-79, the University presented degrees to 453 Ph.D. candidates.

## Athletics

Intramural as well as intercollegiate athletic programs are available on all campuses. On the Twin Cities campus the Department of Men's Intercollegiate Athletics has 11 teams—baseball, basketball, cross country, football, golf, gymnastics, hockey, swimming, tennis, track, and wrestling.

The Gopher football team has won six national championships, the last in 1960. The baseball team has captured 11 Big Ten titles since 1956, and 3 NCAA championships (1956, 1960, and 1964). The 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, 1976, and 1979. The gymnastics team won the Big Ten championship in 1976, 1977, 1978, and 1979.

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 according to rules of the Association for Intercollegiate Athletics for Women (AIAW). During 1979-80 approximately 85 scholarships were awarded through the Patty Berg Development Fund.

In 1978-79 the basketball, cross country, gymnastics, softball, tennis, and volleyball teams won MAIAW state championships. Nine teams competed on the regional level and the tennis, golf, and swimming and diving teams won regional titles. Individuals or teams in six sports competed in AIAW national championships and

the basketball team was the consolation (fifth place) winner at the national women's invitational. One woman received All-American honors at the AIAW national swimming and diving championship for the fourth year in a row, placing eighth in the 50-yard backstroke. Another woman was named to the national all-tournament basketball team.

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.

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.

At Duluth, the UMD Bulldogs compete in 11 men's 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, hockey, 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. Facilities available for intramural and independent student use include indoor and outdoor tennis courts, gymnasiums, a pool, weight rooms, and running tracks.

At Morris the Cougars have men's varsity teams competing in baseball, basketball, football, golf, tennis, track, and wrestling in the Northern Intercollegiate Conference; and women's teams competing in basketball, swimming, tennis, track, and volleyball in the Northern Sun Conference. 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 Trojans compete in the northern division of the Minnesota Junior College Conference. Men's intercollegiate sports include baseball, basketball, football, hockey, and wrestling. The football team has won four divisional championships and one state two-year college playoff game since entering the league in 1967. Women compete in basketball, volleyball, and, when weather permits, softball.

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**

There are over 2,300 international students and 150 scholars from 104 different nations at the University. The International Student Adviser's Office, located at 717 East River Road, Minneapolis, Minnesota 55455, assists foreign nationals and the University through intercultural education; 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 programs. 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 assists students, faculty, and staff planning to study, travel, conduct research, work, or volunteer abroad.

On the Crookston campus the International Students Club helps international students become oriented and plans fund-raising activities to provide scholarships for them. Membership is open to all students. Students have come to UMC from Europe, Africa, and Asia and a faculty exchange program has brought instructors from a technical college in England.

At Waseca, orientation programs and International Agriculture Emphasis Week are among activities coordinated by the Office of the International Student Adviser.

### **Minnesota Alumni Association**

The Minnesota Alumni Association is a voluntary organization of more than 20,000 paid members, whose main purpose is to support the University and serve its

alumni. There are 30 chapters in the United States and abroad, and members serve on a variety of University committees. The governing board consists of 58 directors, including the presidents or representatives of the 20 constituent alumni groups, 16 regional directors, and the presidents of the Law Alumni Association and the "M" Club.

The association acts as secretariat for its constituent groups, helps maintain records of University alumni, and recommends distinguished alumni for University honors. Membership is open to graduates or former students who have completed 15 credits in day or evening classes. Associate membership is available to friends of the University who have not attended. Membership benefits include the publication *Minnesota* magazine, the Minnesota Alumni Club in the IDS Center, travel programs, and a comprehensive insurance program. The Alumni Center is in 100 Morrill Hall, 100 Church Street 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 activities 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.

At Morris alumni activities are coordinated by the Office of Career Planning and Placement.

The alumni relations office at Crookston publishes a quarterly newsletter, conducts follow-up studies and other surveys, and has begun consolidating alumni from UMC and the Northwest School of Agriculture (UMC's predecessor). A series of mid-winter alumni gatherings is held throughout the state each year.

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 students on the Twin Cities campus may earn commissions in the army, navy, air force, and marine corps while completing University degrees. Programs are offered in two- and four-year sequences and two-, three-, and four-year scholarships are available. Air force ROTC is also offered at Duluth.

The army ROTC program in the Department of Military Science has been on campus since 1869, and prepares students for commissioning in both the Regu-

lar Army and the Army Reserve in their home states. Current enrollment is 140 cadets; 17 percent are women.

The Naval Reserve Officers' Training Corps (NROTC), on campus since 1939, offers commissions in the navy or marine corps. NROTC is the largest source of officers for the Regular Navy. After commissioning, graduates have several career options. In a recent sample 45 percent chose aviation, 30 percent became surface/subsurface line officers, 20 percent entered the marine corps, and 5 percent entered the supply corps.

Air force ROTC has been on the Twin Cities and Duluth campuses since 1949. Students may work toward a reserve commission in the air force, including pilot training for those qualified, or toward a commission as second lieutenant in the U.S. Air Force. Members of the cadet corps receive \$100 a month during their final two years. Enrollment at both campuses is approximately 100 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 4,557 students on the Twin Cities campus, 1,830 at Duluth, 1,027 at Morris, 500 at Crookston, and 436 at Waseca for a total of 8,350.

Room and board rates vary among units and from campus to campus. Twin Cities campus rates range from \$580.50 to \$756.50 per quarter. Quarterly rates at Duluth are \$599 to \$680 in residence halls, and \$345 to \$381 in apartments; at Morris, \$475 to \$525, and \$270 in apartments; at Crookston, \$409 to \$540, and \$560 in apartments including one meal per day, and at Waseca, \$465 to \$560, and \$290 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 2,490 men and 2,067 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**

The 7 professional and 17 undergraduate sororities in Minneapolis and the 3 undergraduate sororities in St. Paul all maintain residence houses. Eligible women regularly enrolled at 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, set up a rushing calendar, but students may join any time during the year.

There are 32 undergraduate and 24 professional fraternities on the Twin Cities campus; most offer live-in and eating facilities. Membership is by mutual choice and all students in good standing are eligible to belong. Interfraternity Council, the coordinating body for most of the fraternities, 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 living accommodations 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, reorganized in fall 1976, has 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 Avenue S.E., Minneapolis, Minnesota 55455.

TCSA senators represent the various colleges and institutes of the University. Ten positions have been added for minority representation: two representatives each for Asian American, black, Chicano, American Indian, and international students. TCSA functions mainly within the University Senate (see page 8), dealing with academic and political issues, such as approval of the student services fee; election of student representatives to the Board of Regents; and consultation with the University president, the administration, and the regents.

ACC has 25 members at large elected by the entire student body and 10 positions for minority representatives. The other members represent dorm residents, college boards, student unions, fraternities, sororities, and the St. Paul and Minneapolis Freshman Councils. Activities include legislative lobbying, awarding small grants to student organizations, bringing lawsuits (such as the Title IX complaint), and researching areas of student concern.

The Duluth Student Assembly (SA) represents the student body at all levels in the University system including the UMD Campus Assembly, the 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, appointed by the president with the approval of the Student Congress, 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.

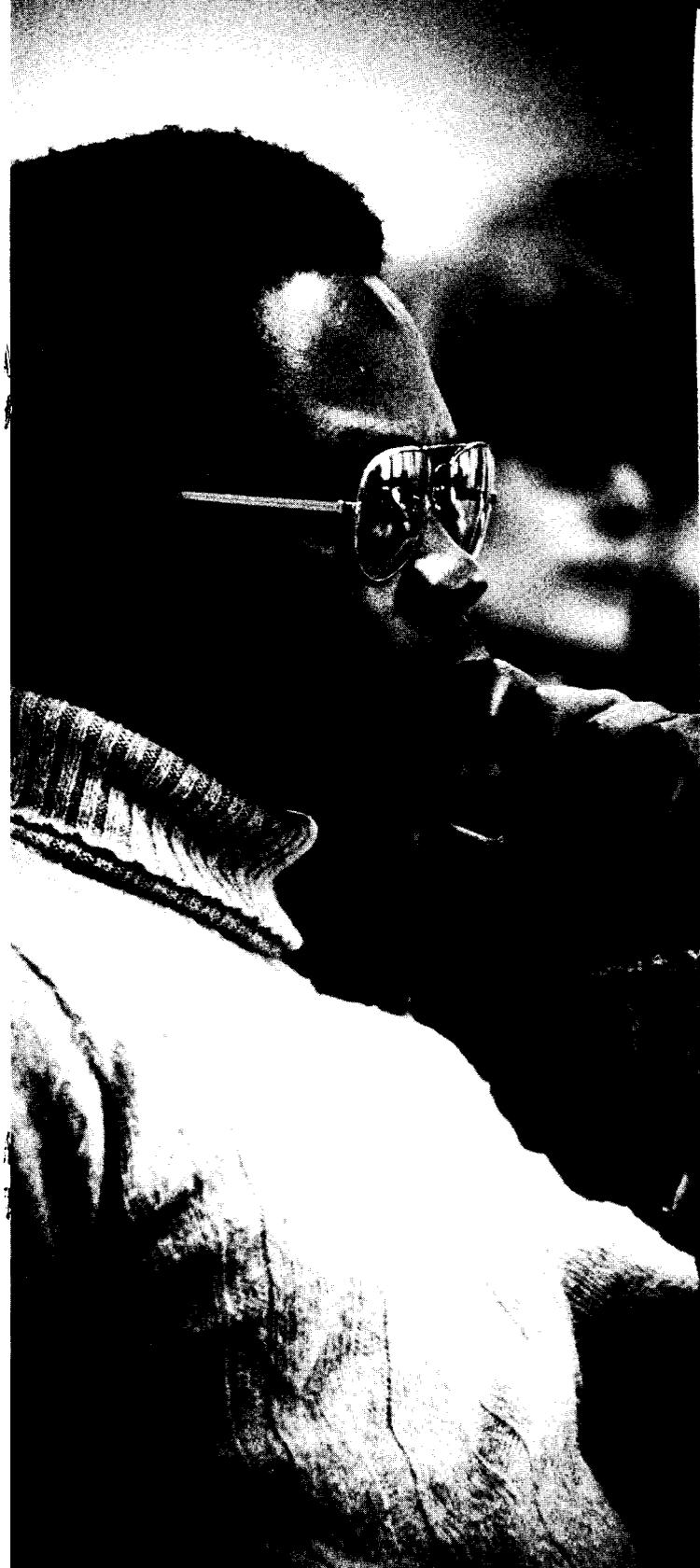
The Morris Campus Student Association represents students in University governance. The Executive Council, in conjunction with the Student Forum, appoints students to campus committees, sets up commissions dealing with student concerns, and is a student service organization as well as a governing body.

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 University Senate. The Student Senate appoints students to campus committees and studies and makes recommendations on matters of student concern.

## Student Unions and 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 at Duluth offers a wide range of programs planned by the Kirby Student Center Program Board, made up of students with faculty and staff advisers. 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 (1979-80)

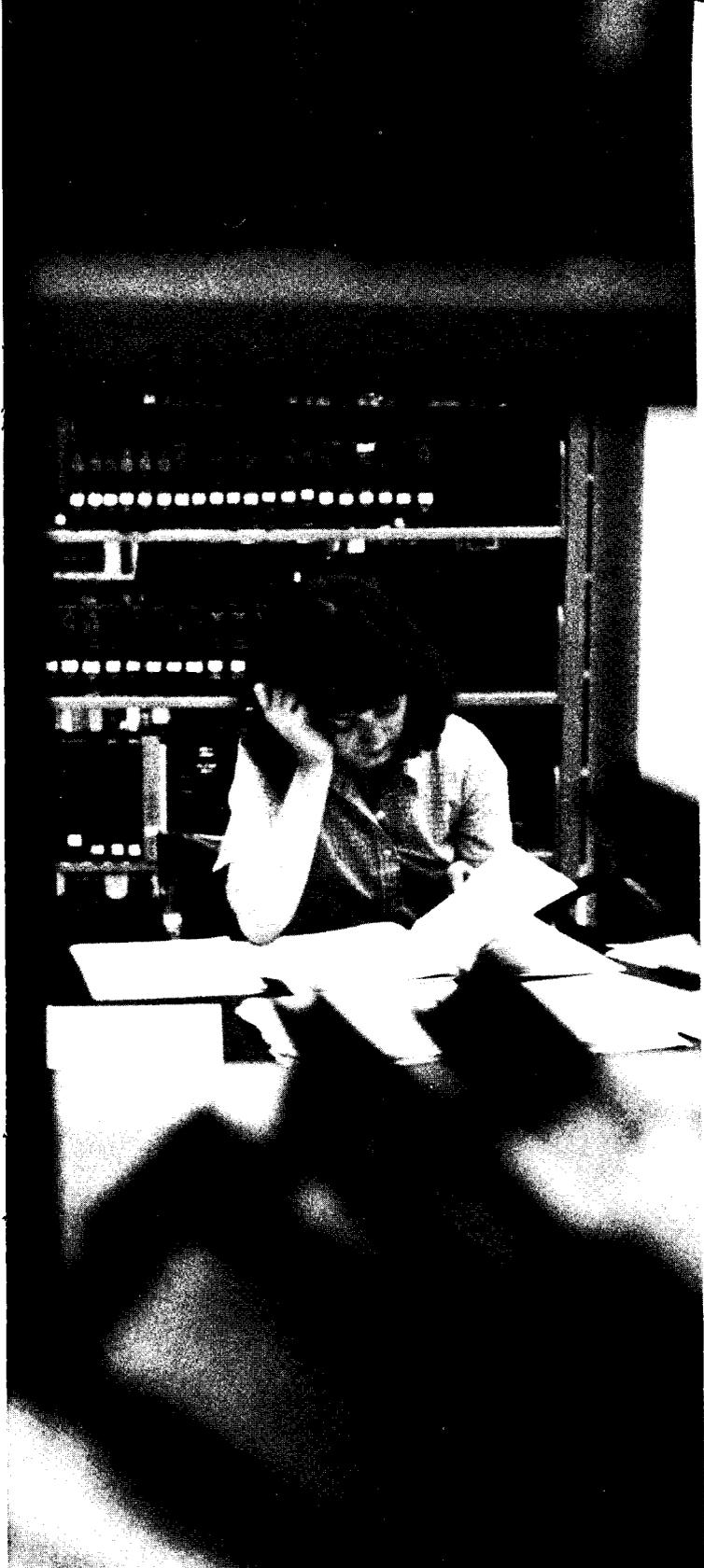
The University employs 4,396 full-time and 986 part-time persons on its academic staff. The civil service is composed of 9,386 full-time and 2,116 part-time staff members. These figures do not include student employees.

### 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 Rutherford Aris (1978)
- Regents' Professor of Biochemistry Wallace D. Armstrong (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. Gorlin (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 (1966-79, retired)  
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, deceased)  
Regents' Professor of Political Science John E. Turner (1974)  
Regents' Professor of Surgery Richard L. Varco (1974)  
Regents' Professor of Physiology Maurice B. Visscher (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)



## PHYSICAL PLANT AND FINANCES

### Total Building Valuation (by campus)

	Book Value
Minneapolis	\$329,913,338
St. Paul	94,168,888
Duluth	54,534,114
Morris	19,158,429
Crookston	7,039,669
Waseca	5,823,354
Rosemount Research Center	469,099
Off-Campus Buildings	7,619,735
Branch Stations	<u>9,948,914</u>
<b>Total</b>	<b>\$528,675,541</b>

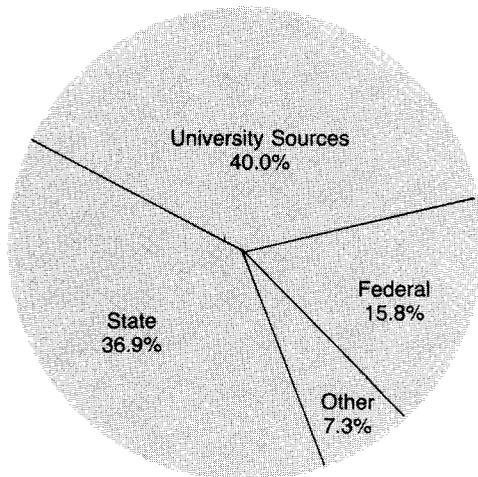
### University Land (estimates as of June 30, 1979)

Campuses	Acres
Minneapolis	233
St. Paul	752
Duluth	268
Morris (includes Station)	1,203
Crookston (includes Station)	1,555
Waseca (includes Station)	848
Branch Stations	<u>18,899</u>
<b>Total</b>	<b>23,758</b>

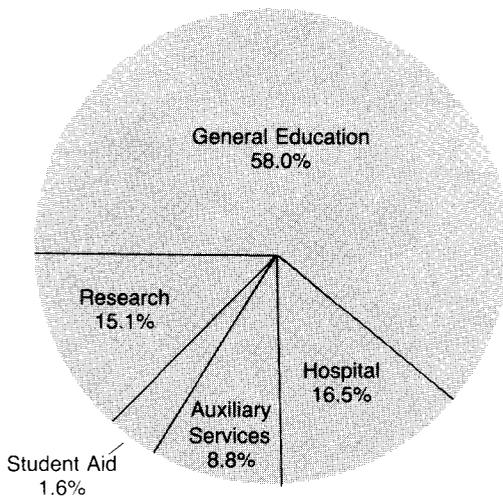
### Financial Status

Operating Budget for 1979-80	\$603,913,733
Sources of revenue for 1979-80 (estimates):	
State appropriations	224,564,266
Student fees	49,685,193
Federal funds	85,366,112
Private gifts, grants, contracts	39,685,000
Earnings	196,888,162
Gifts and endowment income for student aid	<u>7,725,000</u>
<b>Total</b>	<b>\$603,913,733</b>

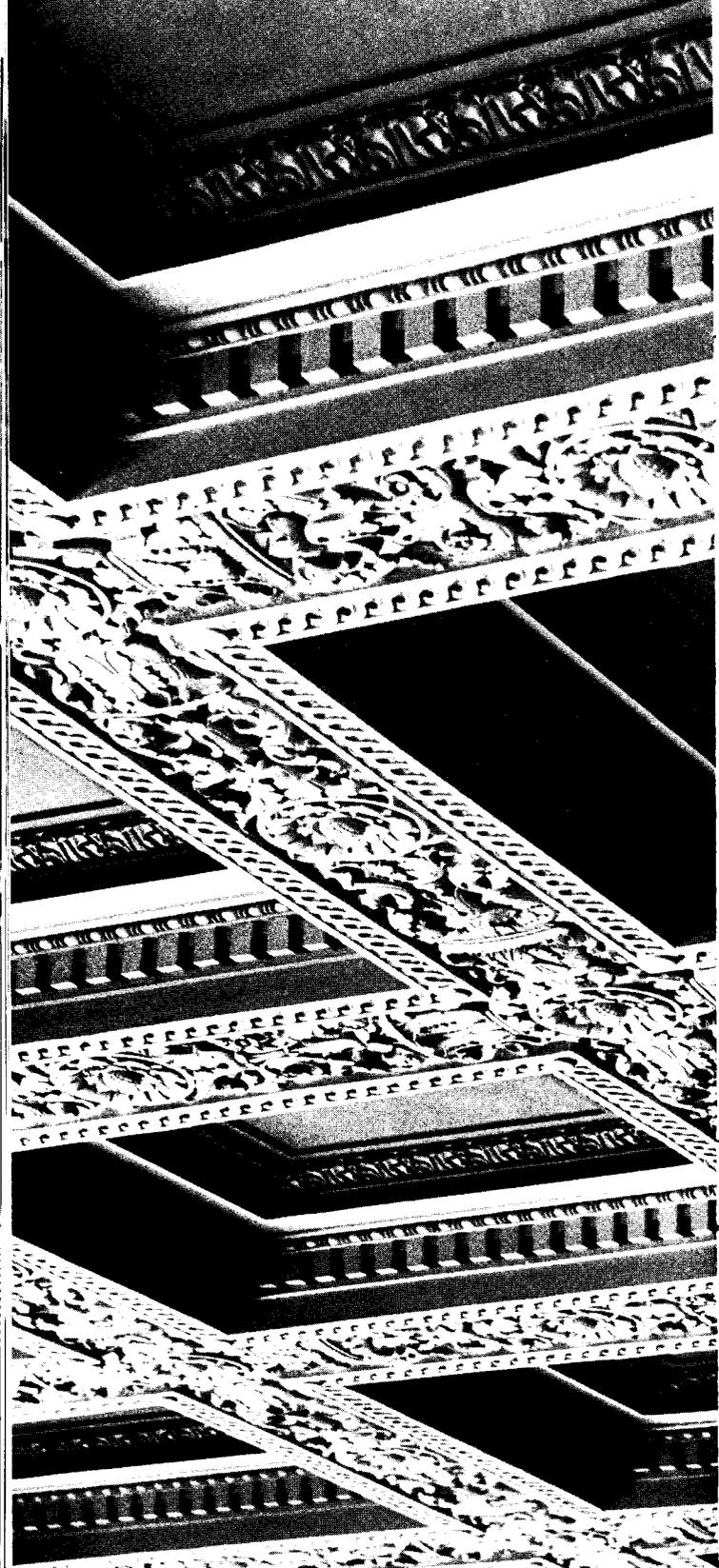
1978-79  
Income by Source



1978-79  
Expenditures by Function



Additional financial information is available on request. Copies of the *Annual Report* are available from the Office of the Controller, 335 Morrill Hall, 100 Church Street S.E., Minneapolis, Minnesota 55455.



## GENERAL INFORMATION

### Equal Opportunity and Affirmative Action

The Office of Equal Opportunity and Affirmative Action is responsible for implementing regents' policy and supervising programs that ensure equal opportunities for minorities, women, and handicapped persons in all areas. The office also checks the University's compliance with federal and state equal opportunity guidelines.

The director of the office submits 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 ensuring equal opportunity through the 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

The University Libraries collection, containing over four million catalogued volumes, ranks 13th in size among American university collections. Areas of particular strength are Asian and Latin American studies, children's literature, exploration and travel, history of medicine, immigration, European history, American and Western European literature, science journals, and social welfare.

On the Twin Cities campus Wilson Library houses the main card catalog, the major humanities-social sciences collection, rare books, government publications, and numerous special units. Walter Library includes a general collection, University archives, audiovisual materials, and education, psychology, library science, and other collections. Other facilities include the Biomedical Library in Diehl Hall, the Law Library, the St. Paul Campus Central Library and its related units, and a number of separate subject libraries.

The Duluth campus library system has more than 272,000 volumes and receives over 3,000 periodicals. It has a health sciences library and special collections that include a Children's Library, a collection of teaching materials, the Voyageur Collection of historic materials, and the Northeastern Historical Center. An agreement among UMD, the College of St. Scholastica, and the University of Wisconsin-Superior allows students and faculty from the three colleges to use the facilities of all three libraries, making more than half a million books available.

The Rodney A. Briggs Library, named for the first UMM provost, has 115,000 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 the areas of agriculture, business, home and family services, and hotel, restaurant, and institutional management. Audiovisual resources are also available.

The Learning Resources Center on the Waseca campus includes a specialized collection of postsecondary, technical materials relating to agriculture, and houses the learning skills center and other media support units.

All of the libraries loan materials to citizens throughout the state through MINITEX (Minnesota Interlibrary Teletype Exchange), a system that links academic and public libraries.

### **News Services**

News of all-University or Twin Cities campus significance is collected 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. 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.

### **Speakers Bureaus**

The speakers bureau in the University Relations office on each campus provides information on faculty and staff available to speak on a wide variety of topics.

### **University of Minnesota Foundation**

The University of Minnesota Foundation provides private support for certain University needs for which tax money is not available. It is a nonprofit organization with tax deductibility for contributions, managed by a Board of Trustees who have a strong interest in the University. During the past several years the foundation has helped raise funds for 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.

The Minnesota Medical Foundation helps support the medical schools at Duluth and Minneapolis with funds raised through donations and grants from alumni, corporations, and philanthropic organizations.

### **University Press**

The University of Minnesota Press publishes research studies, textbooks, reference works, and regional general books by University faculty members, scholars, and other writers. Audiences include scholars, professionals, students, and the general public. The University Press maintains a professional editorial, design, production, marketing, and business staff and distributes its publications through established book-trade channels in the United States and abroad.

### **Tours**

The Visitor Information Center, 111 Coffey Hall, 1420 Eckles Avenue, St. Paul, is the starting point for many tours of the Twin Cities campus. Student tour guides show visitors the highlights of the campus or areas of special interest. The animal barns are a favorite attraction for elementary school children. Tour requests should be made at least two weeks in advance, but every attempt is made to fill requests of shorter notice. Visitors who arrive without notice 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.

Tours of the Morris campus can be arranged by calling (612) 589-2211 and contacting either the admissions office or the Office of University Relations.

At Crookston the University Relations office at (218) 281-6510 ext. 250 arranges educational tours of the campus for any size group. Information packets are also supplied on request. Tours for prospective students and their families are handled by the admissions office, ext. 242.

Tours of the Waseca campus can be arranged by calling University Relations at (507) 835-1000, ext. 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.

The **Statesman**, the independent student newspaper at the Duluth campus, is published weekly during the academic year. **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 student newspaper at Morris, published during the school year.

The **Commentator**, the official student newspaper at Crookston, is published semi-quarterly. Students also publish the weekly news sheet, **Trojan Shorts**.

**Ram-Page**, the Waseca student newspaper, is published monthly throughout the year.

The **Catalog of the University** is published as separate bulletins of the particular schools or colleges. Most college bulletins are published biennially, except the annual **General Information Bulletin**. The Office of Admissions and Records arranges for publication and distribution of Twin Cities bulletins.

**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** is published quarterly by the Department of University Relations on the Twin Cities campus for alumni, donors, and friends of the University. It features stories about faculty research and scholarship, unique academic programs, and distinguished University administrators, faculty, and alumni.

**Focus** is issued regularly by the Department of University Relations at Morris to various audiences outside the University in west central Minnesota and throughout the state. It contains general information about UMM.

**Inside Out**, a general audience newsletter, is published monthly September through May by University Relations in Crookston. It is intended to foster goodwill and features photographs and human interest articles about UMC staff, students, and alumni.

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 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 University's official financial report. Part of the report discusses University activities during the past year. Supplementary schedules and copies of the **Annual Report** are available from the Office of the Controller, 335 Morrill Hall, 100 Church Street S.E., Minneapolis, Minnesota 55455.

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

## Honorary Degrees

Honorary degrees are conferred sparingly by the University of Minnesota. The first was given in 1925, and as of fall 1979 only 55 had been given. Recipients 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 University president, 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 includes a swimming pool, tennis court, and flower gardens. 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 newspaper reporters described them as the "golden-shirted horde" and the "golden swarm" because of their yellow or "golden-colored" jerseys. This brought about the name the Golden Gophers, which 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 and 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 were named the Trojans as the result of a contest conducted by the student association when the campus was established in 1966.

Ramus, the Waseca mascot, is present for home football games. The athletic 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 metaphysical 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 Logo*

The official University logo, a modification of the basic UM letterforms, is the preferred identity mark for all communications. It was created by the Graphic Design Department and adopted in 1971.



## Cultural Activities

### *Art Galleries*

Throughout the year the University Gallery presents a variety of temporary exhibitions and prepares several shows for circulation throughout Minnesota and adjoining states. Exhibition spaces are located on the third and fourth floors of Northrop Auditorium, Twin Cities campus, and admission is free. Group tours are available by reservation. The gallery's permanent collection contains outstanding works in all media from antiquity to the present. Additions to the collection are donated or purchased when funds are available. A rental service of original art works for University students, staff, and faculty is also provided.

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

The Tweed Museum of Art, opened on the Duluth campus in 1958, presents about 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. The Tweed Memorial Art Collection and major construction funds were donated by the late Alice Tweed Tuohy. Continuing support is provided by the Friends of Tweed organization and 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 annual Northrop Dance Series with performances by classical ballet, contemporary dance, and ethnic folk companies from throughout the world. Student and senior citizen discounts are available. Each spring the department, the Minnesota Orchestral Association, and a committee of sponsors and guarantors present performances by the Metropolitan Opera Company of New York. Mail orders for tickets are accepted at 105 Northrop Auditorium, 84 Church Street S.E., Minneapolis, Minnesota 55455, six weeks in advance. Tickets for both the opera and dance series may be purchased at the ticket office or Dayton's stores.

Free lectures, films, concerts, theatrical productions, and dance programs are presented during the academic year by the Campus Committee on Convocations and the Arts, and during the summer by Concerts and Lectures and Summer Session. Concerts and Lectures also cosponsors with other University departments special lectures and scientific conferences for more selected audiences.

At Duluth the Kirby Student Center Program Board, student organizations, and academic departments sponsor a variety of convocations, lectures, concerts, and recitals. Most are open to the public at no charge. The UMD Coffee House series features performances by talented young people 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 entertainment programs.

### *Radio Stations*

KUOM radio (770 kHz), a National Public Radio affiliate, is a service of Continuing Education and Extension on the Twin Cities campus. It broadcasts news, music, public affairs, and educational programs 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 (730 kHz) is a student-operated radio station broadcasting to Twin Cities campus dormitories from Coffman Union. During the school year the station operates daily from 7 a.m. to 2 a.m. 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.

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 Department of Communication. Programming includes news, public affairs, and music.

Student-operated KUMM-FM radio serves the Morris campus community, providing educational and entertaining programs.

KCUM-FM broadcasts to the Crookston area and is operated by UMC students, most of whom are majoring in rural communications. Programming includes news, music, and live play-by-play reports 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 broadcast weekly over KTCA-TV, Channel 2, the Twin Cities area public television station. The programs, most of which are produced by Media Resources of Continuing Education and Extension, range from general information to University credit courses offered by extension independent study. Program schedules can be found in newspaper television listings, 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

Theater productions on all the campuses provide practical experience for students in all areas of theater arts and form another part of the viewer's liberal education. The University Theatre, located in Rarig Center on the Twin Cities campus, presents classic, contemporary, and experimental productions, including plays for young people, workshop productions, and student-directed plays. The Centennial Showboat plays June through August on the Mississippi River, and the Peppermint Tent in Rarig Center presents plays for youngsters each summer.

The University's oldest theater group, the Punchinello Players, produces three main shows each year and is completely run by students. The group, also open to community people, is sponsored by the Department of Rhetoric in North Hall.

The UMD Theatre presents 10 productions, including dance and opera, each academic year in the Marshall Performing Arts Center. There is also a seven-week summer repertory season.

At Morris, the UMM Theatre ties classroom work to at least one major production each quarter and one or two student-directed experimental or laboratory productions each year. The Morris Meinings, a student drama organization, also provides theatrical experience.

Trojan Players, the student dramatics organization at UMC, stages several productions each year, including occasional performances in community facilities. Theater activities are part of the communications curriculum in the Division of General Education.

The UMW Drama Club produces plays throughout the year.

## Outreach Activities

The **Agricultural Experiment Station**, created in 1885 by the Minnesota Legislature, supports research to improve the production, processing, marketing, distribution, and quality of agricultural and forest products; and to improve human nutrition, family and community life, recreation and tourism, and environmental quality. There are 280 scientists at the central station in St. Paul and at the several branches throughout the state. Their research has helped Minnesota agriculture, the largest industry in the state, by developing animal and plant strains specially suited to Minnesota. Research results are published in many popular and scientific publications. For more information contact the Agricultural Experiment Station, 220 Coffey Hall, 1420 Eckles Avenue, St. Paul, Minnesota 55108.

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. Agricultural extension is a cooperative effort of the county, state, and federal governments. Extension agents in 91 counties reach nearly a third of the people in Minnesota each year with almost 22,000 educational programs. Services include consultations, radio broadcasts, television programs, news releases, and informational publications. For more information, contact the Agricultural Extension Service, 240 Coffey Hall, 1420 Eckles Avenue, St. Paul, Minnesota 55108.

**Continuing Education and Extension (CEE)** provides educational services to people in Minnesota communities through classes, conferences, seminars, lectures, correspondence courses, counseling, independent study, telephone, radio, television, libraries, films, exhibits, and consulting services. Flexible scheduling provides students with an alternative to day school. In 1978-79 approximately 90,000 students of all ages attended CEE courses, both credit and noncredit, at undergraduate, post-baccalaureate, and professional levels. More information is available from Continuing Education and Extension, 150 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455, or from the continuing education offices on the coordinate campuses or at Rochester.

The **Gray Freshwater Biological Institute** on Lake Minnetonka in Navarre opened in 1974. A part of the College of Biological Sciences, it conducts research on the 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.

The **James Ford Bell Museum of Natural History**, 10 Church Street S.E., Minneapolis, features Minnesota wildlife exhibits, a natural history library, extensive research collections, the Jaques Gallery of natural history art, and the Blue Heron Bookshop. The Touch and See Room has pelts, bones, and mounted heads of animals arranged in low open displays, which may be handled. Guides and programs for school groups are available. Groups of 10 or more are asked to make reservations in advance. For further information call (612) 373-2423.

The **Lake Superior Basin Studies Center** at Duluth is a research, education, and public service center that provides information for making sound decisions about Lake Superior resources and its adjacent land areas. The center maintains a reference library and has five support laboratories: analytical, environmental services, community development, limnological (which operates two research vessels), and recreation and tourism. More information may be obtained from the center, 413 Administration Building, or 214 Research Laboratory Building, Duluth 55812.

The **Landscape Arboretum**, a 695-acre horticultural, educational, and research facility, is located four miles west of Chanhassen on State Highway 5. Horticulturists test and develop ornamental shrubs and trees for landscaping that will withstand Minnesota's severe climate. Maintenance of the arboretum's more than 4,000 kinds of plants is financed by the University and by gifts. Facilities include hiking trails, making it possible to study the labeled plantings, picnic facilities, a library, a tearoom, and a gift shop. Classes on horticulture are offered both for credit and for noncredit. About 250,000 people visit the arboretum each year.

The **Minnesota Sea Grant Program** works toward the development and wise use of Lake Superior resources in partnership with the National Sea Grant College Program. The research program was established at the University in 1977 and has offices on both the Duluth and Twin Cities campuses. Sea grant faculty provide information and assistance to people on 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.

The 85-acre **Red River Valley Natural History Area** is located in the flat lakebed of glacial Lake Agassiz west of the Crookston campus. It was established in 1971 by UMC and the Northwest Agricultural Experiment Station as a living museum and teaching laboratory for students. Group tours are given periodically to the general public. The area includes nature trails and an interpretive center.

The **Center for Urban and Regional Affairs (CURA)** was created in 1967 so that the University could be more responsive to community needs. CURA sponsors pilot projects that address major community problems such as housing, urban transportation, human services, the environment, and intercultural education. Success-

ful projects go into permanent operation with either community agencies or academic units of the University. The center publishes reports on programs and a quarterly newsletter, the *CURA Reporter*. Information is available from the center, 311 Walter Library, 117 Pleasant Street S.E., Minneapolis, Minnesota 55455.

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 permit public exploration of the area.

## University Calendar—Academic Year 1979-80

### *Fall Quarter*

Sept. 6	Classes begin, Crookston
Sept. 10	Classes begin, Duluth
Sept. 24	Classes begin
Nov. 17	End of fall quarter, Crookston
Dec. 4	Last day of instruction
Dec. 6-12	Final examinations
Dec. 7	End of fall quarter, Waseca
Dec. 11	Commencement, Graduate School

### *Winter Quarter*

Nov. 26	Classes begin, Crookston
Nov. 29	Classes begin, Duluth
Jan. 3	Classes begin
Feb. 22	End of winter quarter, Crookston
March 13	Last day of instruction
March 14	End of winter quarter, Waseca
March 17-22	Final examinations

### *Spring Quarter*

March 3	Classes begin, Crookston
March 12	Classes begin, Duluth
March 31	Classes begin
May 16	End of spring quarter and commencement, Crookston
May 23	Commencement, Duluth
June 6	Last day of instruction Commencement, Morris
June 9-14	Final examinations
June 12	End of spring quarter, Waseca
June 13	Commencement, Waseca
June 14	Commencement, Graduate School

### *Summer Session 1980*

#### FIRST TERM

June 2	Classes begin, Crookston
June 9	Classes begin, Duluth
June 17	Classes begin
June 27	Last day of term, Crookston
July 11	Last day of term, Duluth
July 18	Last day of term

#### SECOND TERM

July 7	Classes begin, Crookston
July 14	Classes begin, Duluth
July 21	Classes begin
Aug. 1	Last day of term, Crookston
Aug. 15	Last day of term, Duluth
Aug. 22	Last day of term

### *Summer Quarter 1980 (Waseca only)*

June 30	Classes begin
Sept. 12	Last day of instruction

### *Possible Fall Quarter 1980 (Twin Cities)*

Sept. 29	Fall quarter begins
Dec. 17	Fall quarter ends

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