

6: University of Minnesota Rochester

The strategic direction for University of Minnesota Rochester (UMR) is to become a distinctive campus of the University system, providing quality academic programming, research, and public engagement with emphasis in health sciences, technology, and related fields. This future will be realized by focusing on the needs of southeastern Minnesota and the strengths of its resources, especially public-private partnerships and collaborations with the Mayo Clinic, IBM, and other health care and high technology industries.

UMR is uniquely positioned for expansion into a distinctive campus with its own facilities and faculty. Rochester is home to internationally recognized institutions including the Mayo Clinic, IBM, and more than 30 high technology businesses that contribute billions of dollars to the Minnesota economy in promising fields such as the biosciences and nanotechnology.

As the campus and academic programs are developed, public-private partnerships with these organizations will be sought to enhance opportunities for shared facilities and faculty. Innovative relationships of this type will enhance the depth and breadth of efforts to develop collaborative academic programming and leading-edge instructional delivery systems.

The strategic goals being undertaken by UMR support the University system's strategic goal, responding to regional and state constituent needs, developing strategic public-private education and research partnerships, effectively communicating the University's message, and accomplishing these outcomes in a financially responsible manner.

Exceptional undergraduate and graduate education, in part by selecting undergraduate, graduate, and professional academic degree

programs that closely match strengths and resources with the needs and resources of partners and students. Academic degree programs have been selected and are in various stages of development and implementation. For example, in fall 2006 the Master of Health Care Administration program was implemented, and in fall 2007 the Master of Occupational Therapy and Bachelor in Clinical Laboratory Science programs will be operational in Rochester.

The Center for Allied Health Programs has been established as a degree-granting unit of the University. This new unit is studying the potential for converting Bachelor of Applied Science programs in Respiratory Care and Radiation Therapy into Bachelor of Science degrees and has other innovative plans under development.

The Institute of Technology, and College of Biological Sciences on the Twin Cities campus, and UMR are considering proposing a similar, collaborative degree-granting unit for the areas of biomedical informatics and quantitative and computational studies in the life sciences, with a goal of establishing new academic programming in these areas by fall 2008.

These signature programs will rely heavily upon research and teaching partnerships with IBM, the Mayo Clinic, and the University's Hormel Institute. In addition, UMR is exploring academic partnerships, within and outside of the University system, that have the potential to provide liberal education electives at UMR.

Exceptional faculty, including both the faculty from the Twin Cities and Duluth campuses who have been and will continue to provide teaching and research services for UMR,

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as well as joint resident faculty to be appointed from collaborating organizations. With system-level support from the University, plans are being developed for increasing the number of on-site faculty in Rochester as of fall 2007. It is expected that these faculty will serve in the health sciences and biotechnology areas. As additional academic programs and research initiatives are established, the number of Rochester-based faculty will also grow.

An exceptional organization including innovative organizational, financing, and administrative structures. A set of working principles describing the roles, responsibilities, and accountabilities of leaders, faculty, and staff from UMR, other University of Minnesota system campuses, and non-University partners has been developed and is under review by the UMR Executive Steering Committee.

It is also imperative to establish a financial model to support the growth of the campus. Thanks to collaborative initiatives, especially among the Greater Rochester Advocates for Universities and Colleges, community and political leaders, state legislative leaders, and the University, state funding has been secured to support initial growth in academic programs and facilities. UMR and system leaders will continue to review financial scenarios that reflect the direction of UMR growth, and develop comprehensive plans for obtaining additional short and long-term funding.

There are ongoing discussions with public and private organizations to explore opportunities for long-term shared space. As academic programming and research initiatives grow, UMR will continue to pursue opportunities for collaboration in the use of space for instruction and research.

The UMR Campus Master Plan Committee has begun discussions with community leaders representing the city, county, economic development board, Rochester Downtown Alliance, community action groups, and local busi-

nesses. Information from these discussions will help guide the development and selection of the permanent UMR campus site.

Exceptional innovation through research and partnerships. One of the most critical, powerful, and dramatic trends in southeastern Minnesota is the growth in investments in bioscience and technology collaborations. This growth represents a confluence of efforts, primarily among the University, Mayo Clinic, and IBM. Business leaders are working to define ways to capture and build upon state-of-the-art technologies in Rochester, and they envision the University having a major role to play in advancing the education, science, and application of these initiatives.

By its very nature, UMR will break new ground in establishing research, education, business, and technology transfer partnerships. To facilitate these relationships, the University's Rochester Academic and Corporate Relations Center (ACRC) has been established to identify high potential ventures and bring together action teams to focus on and accelerate efforts in a variety of technology and biosciences fields. By combining the Twin Cities campus and UMR units, the University is better able to provide coverage for the state with the Rochester-based relationship officer working primarily with businesses in southern Minnesota and the Twin Cities officers covering other parts of the state.

The University of Minnesota Rochester, through relationships with other universities and colleges, meets the higher education needs of southeastern Minnesota by providing and promoting academic programs, research, and outreach. In collaboration with the Minnesota State Colleges and Universities (MnSCU) system, UMR provides leadership for baccalaureate and graduate programs that reflect the University of Minnesota's tradition of excellence. UMR will be a distinctive University branch

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known for programming in health sciences and technology.

As its mission, UMR provides a strong higher education foundation in health professions, technology, business, education, and social services; responds to the educational, economic, research, and cultural needs of southeastern Minnesota; and is establishing itself as the regional higher education institution of choice for students pursuing career preparation in selected health science and technology professions.

As a provision of the 2002 revised agreement between the University of Minnesota and MnSCU, UMR is responsible for providing academic leadership for all future upper-

division and post-baccalaureate graduate and professional degree programs in Rochester. New baccalaureate and graduate programs for the public higher education institutions are to be developed and operated by UMR or through contract with UMR.

UMR has built a well-defined scope of educational offerings at the baccalaureate and graduate levels, in response to the educational needs of southeastern Minnesota. Emphasis will continue to be given to development of programming in areas that relate directly to the region’s economic vitality—health sciences and technology—including partnerships with the Mayo Clinic and IBM, and other area businesses and organizations.

Current UMR Programs (cooperating U of M campus noted)	
<p>Undergraduate Programs Clinical Laboratory Science (B.S.)—Twin Cities Graphic Design (B.F.A.)—Duluth Information Technology Infrastructure (B.A.Sc.)—Twin Cities Manufacturing Technology, (B.A.Sc.)—Twin Cities Nursing (B.S.N.)—Twin Cities Respiratory Care (B.A.Sc.)—Twin Cities and Mayo School of Health Sciences Studio Art (B.F.A.)—Duluth</p> <p>Graduate Programs Adult Education (M.A., M.Ed., Ed.D., Ph.D.)—Twin Cities Business Administration (M.B.A.)—Duluth Computer Science (M.S., M.C.S.)—Twin Cities</p>	<p>Graduate Programs (continued) Curriculum and Instruction: Elementary Education; Learning Technologies; Interdisciplinary Focus/ Middle School Education (M.Ed.)—Twin Cities Educational Leadership (Ed.D.)—Twin Cities Electrical Engineering (M.S.)—Twin Cities Healthcare Administration (M.H.A.)—Twin Cities Higher Education (Ed.D.)—Twin Cities Human Resource Development (M.A., M.Ed., Ed.D., Ph.D.)—Twin Cities Occupational Therapy (M.O.T.)—Twin Cities Public Health (M.P.H.)—Twin Cities and Mayo Medical School Social Work (M.S.W.)—Twin Cities</p>

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