

06 - 0682

August 18, 2006

Representative Bob Gunther, Jobs and Economic Opportunity Policy and Finance Committee
Senator Ellen R. Anderson, Jobs, Energy and Community Development Committee
Representative Bud Nornes, Higher Education Finance Committee
Senator Sandra L. Pappas, Finance Committee – Higher Education Budget Division

Dear Representative Bob Gunther:

Attached is an update on the Minnesota Partnership for Biotechnology and Medical Genomics and an overview of Phase II Partnership expenditures to date as required by Minnesota statute.

Collaboration has resulted in advancing imaging techniques for Alzheimer's disease, pinpointing aggressive forms of prostate cancer, and identifying metabolic factors impacting obesity. Second round research will address other serious health problems including: pancreatic cancer, brain tumors, and cardiovascular, neuromuscular, and autoimmune diseases. We have made other progress, including:

- 5 research papers published
- 1 patent application
- 2 external grant applications
- Opened joint University of Minnesota/Mayo Clinic Office of Business Development
- Leveraged industry and philanthropic support, with gifts from Medica (\$5 million) and to the Mayo Clinic for the Johnson Family Center for Genomics of Addiction (\$12 million)
- Major supporter of the BioBusiness Alliance through state-wide outreach

With the \$21.7 million in bonding dollars we received in 2005, we are scheduled to begin occupation into new research space in the Stable Building in Rochester late this fall. The facility will provide new opportunities to grow our joint research capabilities, fostering further collaboration and creativity.

The Partnership is grateful for the \$15 million in research support provided this past session. The state research investments to date, totaling \$32 million, send a clear message to Minnesotans and those outside of our state that we are leaders in medical research and we stand together to maximize this strength for the benefit of our citizens.

We are very excited about our progress to date and the potential impact of this unique Partnership. We will continue to leverage your state investment to improve the health and economy of Minnesota. If you would like more information about the Partnership, please do not hesitate to contact us or our legislative staff, Marty McDonough at 612.626.7372 or Frank Iossi at 507.284.7230. Thank you.

Sincerely,



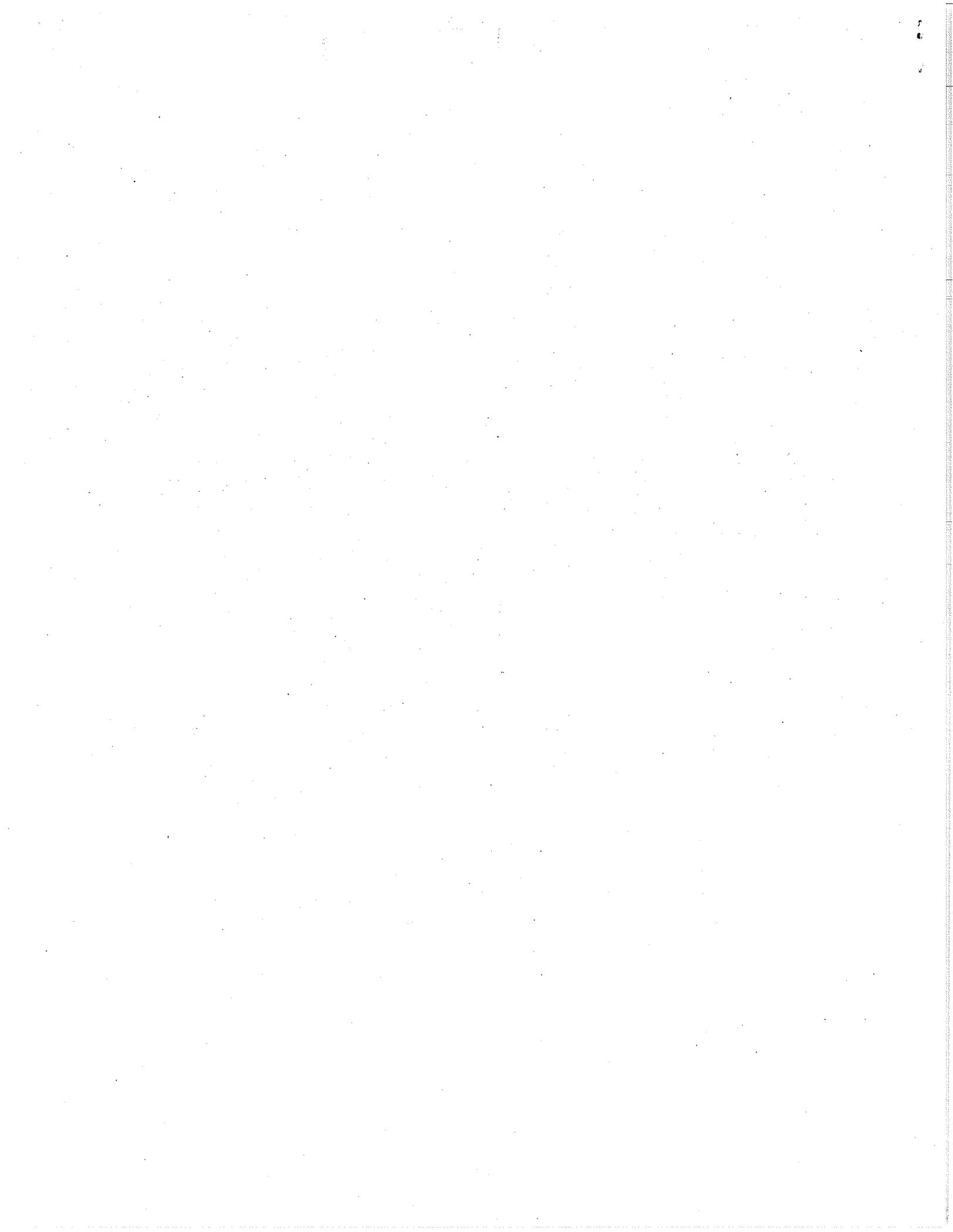
Frank B. Cerra, M.D.
Senior Vice President for Health Sciences
University of Minnesota



Glenn Forbes, M.D.
CEO, Mayo Clinic Rochester

Enclosure:

Cc: Governor Tim Pawlenty
Acting Commissioner of Employment and Economic Development, Ward Einess



Phase II, Minnesota Partnership for Biotechnology and Medical Genomics

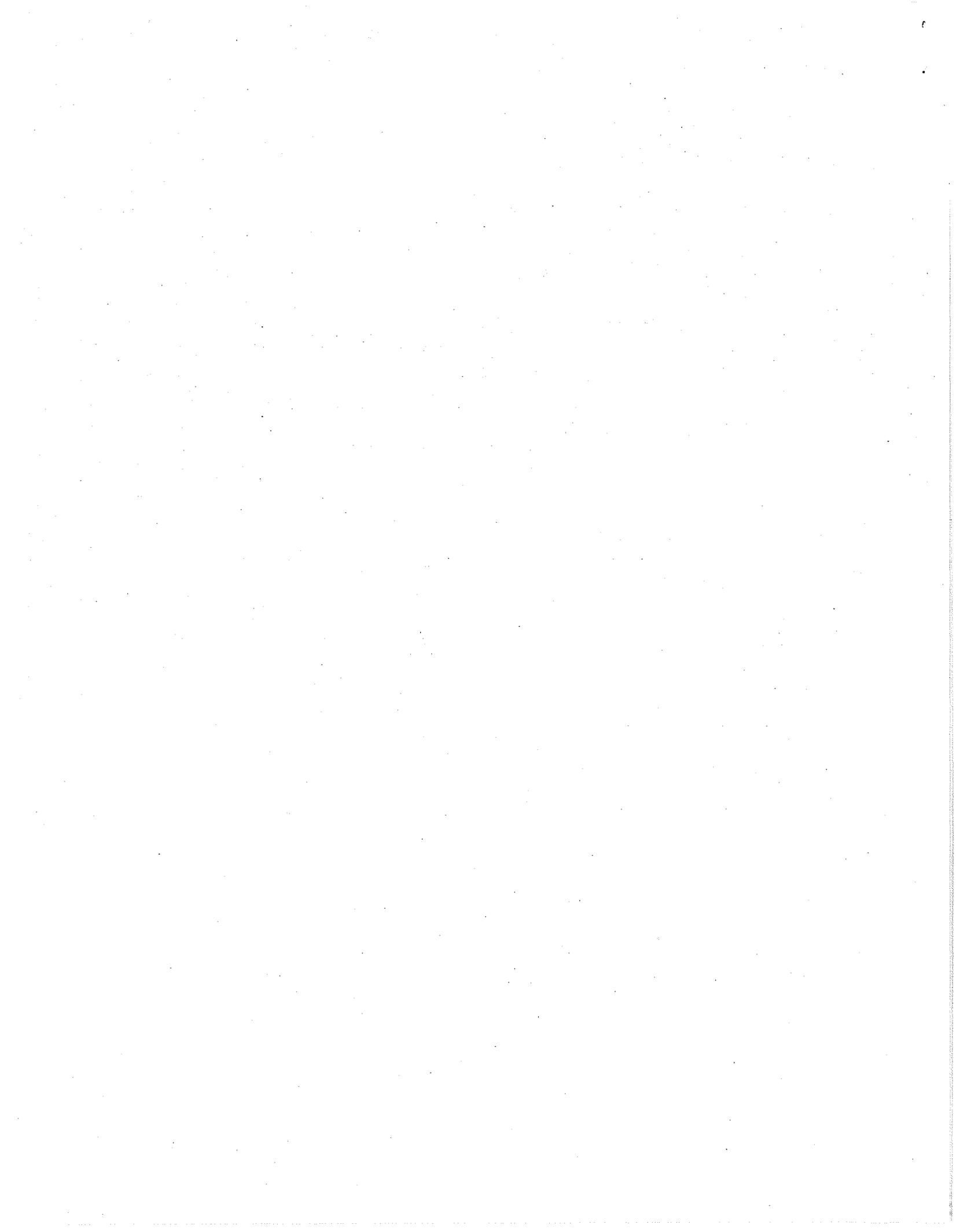
June 30, 2006

U of M Investigator	Mayo Investigator	Title	Budget	Expenditures (through 6/30/06)
Dr. Rajamani U of M: 1742-530-6691	Dr. Kaufman MMC: 4091049900-3X1178	<i>Development of Ultra-Small Sensors for Accurate Quantification of Muscle Forces in Neuromuscular Diseases</i>	\$699,121	
			\$312,641	\$80
			\$386,480	\$0
Dr. Largaespada U of M: 1742-652-6214	Dr. Jenkins MMC: 6089109900-3X1174	<i>Neuro-Oncology Genetics</i>	\$990,357	
			\$544,557	\$17,001
			\$445,800	\$0
Dr. Dong U of M: 1929-343-6055	Dr. Pang MMC: 6421109900-3X1176	<i>Selective, Small-Molecule Inhibitors of JNK2 as Anti-Cancer Drugs</i>	\$1,500,000	
			\$755,000	\$352
			\$745,000	\$20,961
Dr. Tsukayama U of M:	Dr. Wengenack MMC: 6082019900-3X1177	<i>Medical Genomics Applied to an Ancient Disease: Real-time PCR for the Diagnosis and Direct Drug Susceptibility Testing of Tuberculosis</i>	\$400,759	
			\$253,300	
			\$147,459	\$53
Dr. Peterson U of M: 1742-636-7688	Dr. Reed MMC: 5583229900-3X1170	<i>Biomarker Discovery in Autoimmunity</i>	\$1,332,197	
			\$672,750	\$34,243
			\$659,447	\$16,574
Dr. Steve Patterson U of M: 1742-875-6001	Dr. Daniel Billadeau MMC: 5154089900-3X1175	<i>Combinatorial Based Chemistry and High Throughput Screening Methods to Identify Rac GTPase Inhibitors</i>	\$1,123,525	
			\$774,344	\$24,924
			\$349,181	\$0

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U of M Investigator	Mayo Investigator	Title	Budget	Expenditures (through 6/30/06)
Dr. William Oetting U of M: 1929-636-7685	Dr. Fernando Cosio MMC: 5571369900-3X1179	<i>Identifying factors influencing the survival of kidney allografts by genomic and proteomic analysis</i>	\$1,210,793	\$12,911 \$0
			\$717,600	
			\$493,193	
Dr. Marilyn Carroll U of M: 1929-645-6390	Dr. Stephen Brimijoin MMC: 6421209900-3X1171	<i>Towards a Gene Therapy for Cocaine Addiction</i>	\$482,438	\$4,427 \$31,161
			\$212,636	
			\$269,802	
Dr. Doris Taylor U of M:	Dr. Amir Lerman MMC: 5526729900	<i>Progenitor Cells as Biomarkers: Developing Diagnostic and Prognostic Profiles for Cardiovascular Disease</i>	\$737,029	\$0
			\$440,711	
			\$296,318	
Dr. Vivek Kapur U of M: 1742-628-6248	Dr. David Smith MMC: 4146089900-3X1183	<i>MINGEN-MINnesota GENomics Infrastructure Initiative</i>	\$1,500,000	\$13,661 \$0
			\$1,500,000	
Dr. Caroline Wilmot U of M: 1742-439-6406	Dr. James Thompson	<i>X-Ray crystallography infrastructure; a Mayo Clinic/University of Minnesota Partnership to solve novel macromolecular structures important to human health and disease</i>	\$845,626	\$165
			\$845,626	
Dr. John Wagner U of M: 1742-846-9000	Dr. Larry Pease	<i>Development and Manufacturing of Biotherapeutic Proteins</i>	\$1,660,000	\$0
			\$1,660,000	
Dr. Gary Nelsestuen U of M:	Dr. H. Robert Bergen, III	<i>Instrumentation and Bioinformatics for Biomarker Discovery</i>	\$1,087,850	
			\$1,087,850	
Dr. Birali Runesha U of M:	Dr. Jean-Pierre Kocher	<i>Collaborative Workflow Environment for Bioinformatics: Implementation and Integration of Data Workflow Technology to Accelerate the Development and Deployment of Customized Bioinformatics Applications</i>	\$930,000	
			\$930,000	



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U of M Investigator	Mayo Investigator	Title	Budget	Expenditures (through 6/30/06)
Dr. Mark Paller	Dr. Eric Wieben	<i>Other Expenses</i>	<u>\$500,305</u>	
U of M:			\$500,305	
Total			<u><u>\$15,000,000</u></u>	\$176,513

