



## 2006-07 Master Plan for Research and Technology Development

### Office of Research Mission

The Office of Research exists to foster and sustain an academic environment in which MU's research, instruction, service, and economic development missions are permeated by the joy and rigor of original research, creativity, and scholarship. The Office of Research promotes an environment in which the intellectual and creative activities and achievements of MU's faculty, students and staff are facilitated, celebrated and, when appropriate, transferred to the private sector.

### Office of Research Goals

The outcomes that drive the Office of Research plan are articulated in the System and Campus strategic plans and are related to such metrics as increases in research funding and performance. In order to best achieve the desired outcomes, the Office of Research focuses on four main goals. The Vice Chancellor believes that if the Office of Research accomplishes these four goals, the result will be to meet or exceed the research outcomes articulated in the System and the Campus Strategic plans. But we want to be clear that the measures related to increased research activity are ultimately accomplished by MU's faculty researchers. The Vice Chancellor for Research must create an environment that optimally facilitates faculty in their quest to conduct research, to acquire funding for that research, and to disseminate the results of that research. Our performance plan is based on action items that we think are needed to create the optimal environment for faculty research.

- Goal 1: Provide top-notch services and compliance functions that enhance the ability of MU faculty to do research, creation, scholarship, and innovation.
- Goal 2: Create a research-centered academic and educational environment by developing connections between the research enterprise and all of the institution's other activities and by creating a broader foundation for research support with internal and external stakeholders.
- Goal 3: Develop and promote investment strategies to financially sustain and grow the research enterprise in order to allow students access to a great faculty and state-of-the-art facilities.
- Goal 4: Transfer the outcomes of scholarly and creative activity to ensure that MU research continues to enhance the lives of people in the state, nation and the world.

**Objective 1: Enhance the performance and quality of research, and facilitate the interdisciplinary research culture at MU.**

<b>Goals</b>	<b>Action Items</b>	<b>Responsible Party(ies)</b>
1, 2	Work with UM System personnel to improve PeopleSoft grant reporting for interdisciplinary grants.	OVCR, OSPA
2, 3	Work with SPRAC to develop recommendations to better include interdisciplinary grants in the promotion and tenure process.	OVCR
2	Develop research quality outcome measures beyond funding.	OVCR, CAH
1, 3	Help to integrate the Research Leave program into the Office of Research.	OVCR, OFF
1, 2	Continue to build a grants culture in arts and humanities through increasing availability of a grant writer and through a Center Fellows program.	CAH, OGWP
1, 3	Provide grantsmanship training for the campus.	OGWP
1, 3	Organize and assist faculty teams to win major federal competitive initiatives (e.g., NSF Science and Technology Centers, NIH Centers and PPGs, etc.)	OVCR, OGWP

**Objective 2: Facilitate collaboration between UM, MU, faculty, and the private sector, including the management of technology and industrial relations.**

<b>Goals</b>	<b>Action Items</b>	<b>Responsible Party(ies)</b>
1	Complete the reorganization of technology management: create clear designations of responsibilities and accountability for copyright and intellectual property issues between Business Services, OTMIR, OSPA, and UM System personnel.	OVCR, OTMIR, OSPA
1, 4	Over the next five years, generate at least 25 significant license agreements, 50 significant sponsored research agreements related to licensing agreements, and 15 University-technology related start-up companies.	OTMIR
1, 4	Conduct an effective assessment program, benchmarking to peer institutions as to total disclosures received and processed, patent applications filed and prosecuted, licenses issues, and non-disclosure agreements signed.	OTMIR
1, 3	Place the OTMIR on a course to break even within two years, and create a viable deficit funding mechanism for the interim.	OTMIR
4	Promote and support regional efforts for economic development.	OTMIR
1, 4	Establish a web site with MU technologies available for licensing and advertise the site to industry.	OTMIR

\*OVCR-Office of the Vice Chancellor for Research, OSPA-Office of Sponsored Program Administration, OTMIR –Office of Technology Management and Industry Relations (formerly OTSP), AVCR-Associate Vice Chancellor for Research, OGWP-Office of Grant Writing and Publications, CAH-Center for Arts and Humanities, OFF-Office of the Faculty Fellow, OUGR-Office of Undergraduate Research

**Objective 3: Increase the effectiveness of Research Division communications with stakeholders.**

<b>Goals</b>	<b>Action Items</b>	<b>Responsible Party(ies)</b>
2, 3	Maximize support of MU's Congressional delegation through a well-run federal relations process that is integrated with campus strategic planning priorities.	OVCR, OGWP
1	Develop and standardize customer feedback mechanisms; increase communications with Faculty Council and campus departments.	All Division offices
2	Collaborate with University Relations personnel to maximize effectiveness of communication with the local community.	All Division offices
1, 2	Complete usability studies of <i>Illumination</i> and Research Division web sites.	OGWP
1, 3	Improve communications with faculty on F&A recovery, technology transfer processes, promotion and tenure policies, research opportunities, and doing business with and/or as the University.	All Division offices
1, 3, 4	Implement proactive, "single door" communications with industry.	OTSP, OIRR, OSPA
2, 3	Implement the 4-state economic development initiative with research officers from Kansas, Nebraska and Iowa.	OVCR

**Objective 4: Enhance MU's research infrastructure, implementing recommendations of internal and external reviews as appropriate.**

<b>Goals</b>	<b>Action Items</b>	<b>Responsible Party(ies)</b>
1, 2	Develop assessment measures ( <i>e.g.</i> , survey, attendance records) for the Center for Arts and Humanities Salon Series.	CAH
1, 2	Appoint an Advisory Committee for the Center for Arts and Humanities.	CAH
1, 3	Work with the Vice Chancellor for Administrative Services to ensure research infrastructure, including renovations, are represented in Campus Facility and Master Plans.	OVCR
1, 3	Seek funding to implement the animal care and greenhouse master plans.	AVCR
1	Complete work on a clinical trial indemnification policy.	AVCR
2	Develop a policy for promotion of non-regular faculty.	OVCR
1	Collaborate with UM System personnel to implement compliance tools within the PeopleSoft system without creating unnecessary burdens on the ability of faculty to conduct research.	OSPA, OVCR
1, 3	Implement campus-wide cost accounting for animal care expenses.	AVCR
1,2	Work with the Provost to establish a definition of "sponsored research project" distinct from "business service agreement" and implement a processing plan for all units.	OSPA
2,3	Do everything we can to garner financial support for the Health Sciences Research and Education facility	OVCR

**Objective 5: Increase the participation of undergraduates in research and assist in improving graduate programs at MU.**

<b>Goals</b>	<b>Action Items</b>	<b>Responsible Party(ies)</b>
2	Implement better integration of Office of Research activities with those of the Graduate School in such areas as fringe benefits rates for students, training in the responsible conduct of research, a campus-wide human resource policy for postdoctoral fellows, and promotion of excellent graduate student research.	OVCR, OSPA
2	Facilitate faculty use of undergraduate and graduate students as a mechanism for stimulating interdisciplinary collaboration.	OVCR, OUGR
2	Recognize and actively promote student accomplishments in research.	OUGR
1, 2, 3	Assist faculty in obtaining external funding for undergraduate and graduate students; <i>e.g.</i> , provide NSF-funded faculty with a template for REU Supplement requests.	OVCR, OUGR, OGWP
2, 3	Create graduate and undergraduate internships.	CAH, OUGR, OTMIR

**Office of Research Strategic Planning Links**

**2006-07 Master Plan for Research and Technology Development**

<http://research.missouri.edu/division/pubs.htm>

**Office of Sponsored Program Administration**

<http://research.missouri.edu/ospa/>

**Office of Technology and Special Projects**

<http://otsp.missouri.edu/>

**Office of Grant Writing and Publications**

<http://research.missouri.edu/ogwp/>

**Office of Technology Management and Industrial Relations**

<http://lifesciences.missouri.edu/development/>

**Office of Undergraduate Research**

<http://undergradresearch.missouri.edu/>

**Center for Arts and Humanities**

<http://cah.missouri.edu/>