

Caring for Missourians

The University of Missouri, the other four-year public institutions, and the State's community colleges collaborated to secure additional state funding to assist in increasing the number of graduates in health professions. The original goal of the program was to gradually increase class sizes by an average of about 20 percent in order to address the state's health professional shortages. The University's original request was for approximately \$24 million in recurring monies that would fund permanent increases in our physicians, nurses, dentists, optometrists, pharmacists and allied health professionals programs.

The University did not receive recurring funding, but it did receive \$24.3 million in one-time funding during the recent legislative session. These one-time funds will allow the University to increase health care programs graduates on a temporary basis. Specific details of utilizing the one-time funds are included in the attached materials.

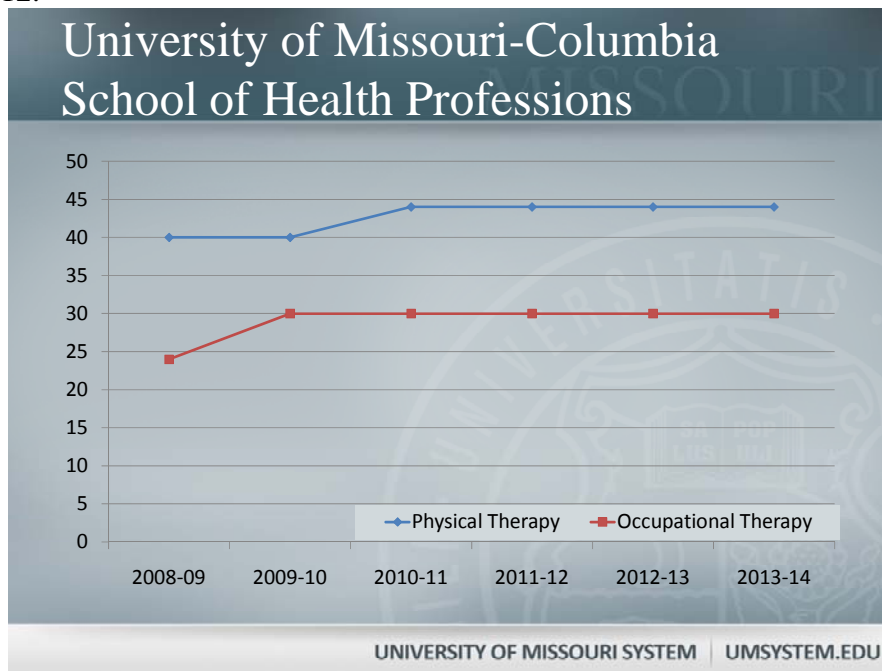
**University of Missouri-Columbia
Health Professions - \$1,616,316**

Department of Physical Therapy

The Department of Physical Therapy will use the one-time funds to create an additional clinical skills laboratory to support an increase in class capacity from 40 to 44 students permanently for the Doctorate of Physical Therapy (DPT) class starting in June, 2010. These funds will be used for renovation costs and purchasing necessary equipment, and to purchase distance education technology for expanded on-line instruction and to facilitate communication with clinical sites throughout Missouri. This increase in class size of the three-year doctorate in physical therapy program will result in a corresponding permanent increase in the number of graduates (44) in 2013.

Department of Occupational Therapy

The Department of Occupational Therapy will use one-time funds for renovation expenses to expand lecture room capacity, to create a new skills laboratory and teaching laboratories and for a field work coordinator. This fieldwork coordination cost will eventually be covered by the increase in SHP supplemental fee income realized from this increase in class size. These changes will allow the occupational therapy class size to be expanded from 24 to 30 on a permanent basis starting in the Fall 2009 semester. Additional funds will be used to purchase distance education technology for expanded on-line instruction and to enhance communication with the clinical sites throughout Missouri. This increase in class size of the three-year occupational therapy master's program will result in a corresponding permanent increase in the number of graduates (30) in 2012.



June 4-5, 2009

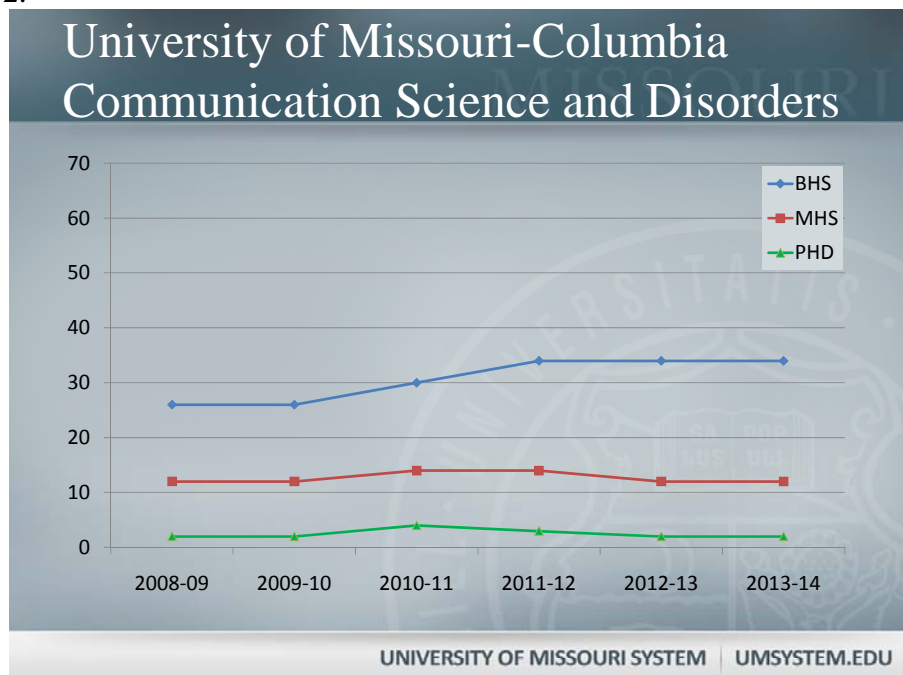
**University of Missouri-Columbia
Health Professions - \$1,616,316
CONTINUED**

Department of Communication Science and Disorders

The Department of Communication Science will use the one-time funds to hire three half-time instructors for three years. The increase in instructors will enable the department to temporarily increase the number of bachelor’s students by providing more courses, increase the master’s students by enhancing the clinical supervision, and the doctoral students by reallocating time for the current doctoral faculty to develop three new courses for students pursuing PhDs. These funds will also be used for renovation and equipment for a teaching laboratory for masters and doctoral students. Over the course of three years, these changes should enable the department to add eight students at the undergraduate level, four at the master’s level, and three at the doctoral level.

Additional one-time funds will be used to develop a distance education program that will integrate 12 new fall and spring semester on-line courses with on-campus clinical training during summer sessions. This distance program will add eight undergraduate students per year. After the initial development, the School of Health Professions supplemental fee income or distance education shared income will be used to offer these courses.

These increases in class size will result in a corresponding increase of 16 bachelors graduates (eight temporary and eight permanent), a temporary increase of four master’s graduates and a temporary increase of three doctoral graduates who will enroll during 2010-2012.



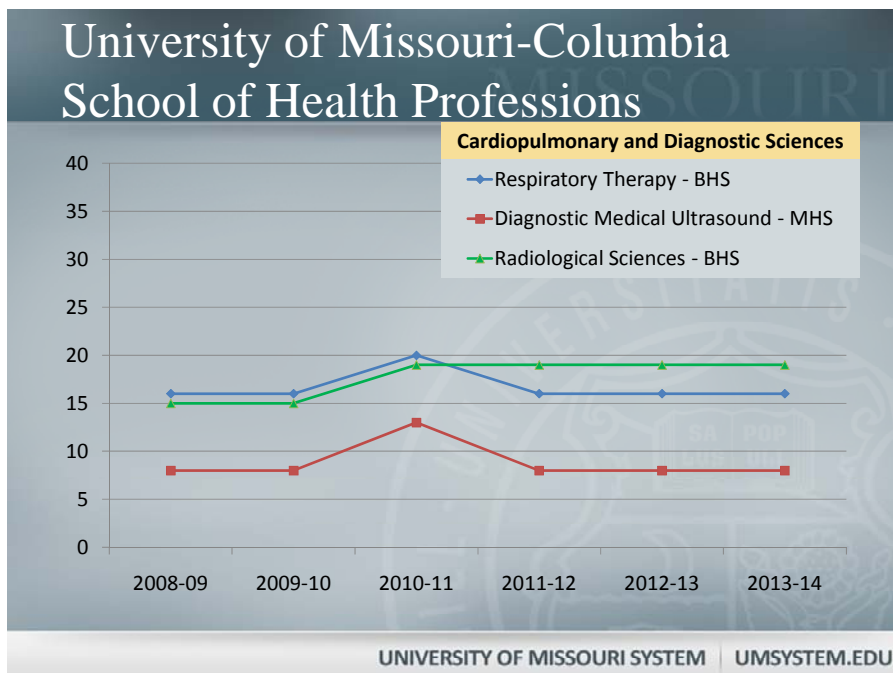
June 4-5, 2009

**University of Missouri-Columbia
Health Professions - \$1,616,316
CONTINUED**

Department of Cardiopulmonary and Diagnostic Sciences

The Department of Cardiopulmonary and Diagnostic Sciences will utilize one-time funds for funding for 1.25 FTE additional faculty members to temporarily increase class size in the BHS respiratory therapy program from 16 to 20 students per class starting in fall of 2010. The department will fund one additional faculty member and the equipment needs to expand enrollment in the master’s diagnostic medical ultrasound program by five students per year. Finally, the remaining funds will be used for renovation and replacement of antiquated equipment in the radiography teaching laboratory to allow the radiologic sciences program to expand by four students effective in 2010 and to purchase distance education technology for the department to promote expanded on-line instruction and to facilitate communication with clinical sites throughout Missouri and to allow for the development of on-line courses in the new master’s program in nuclear medicine.

The increase in class size will result in a corresponding permanent increase in the number of graduates in the two-year radiologic sciences program from 15 to 19 in 2013. The increase in the class size of the two-year respiratory therapy program will result in a temporary increase of four graduates in the 2013 graduating class. The increase in the class size of the two-year master’s in diagnostic in ultrasound program will result in a temporary increase of five additional graduates in the 2013 graduating class.

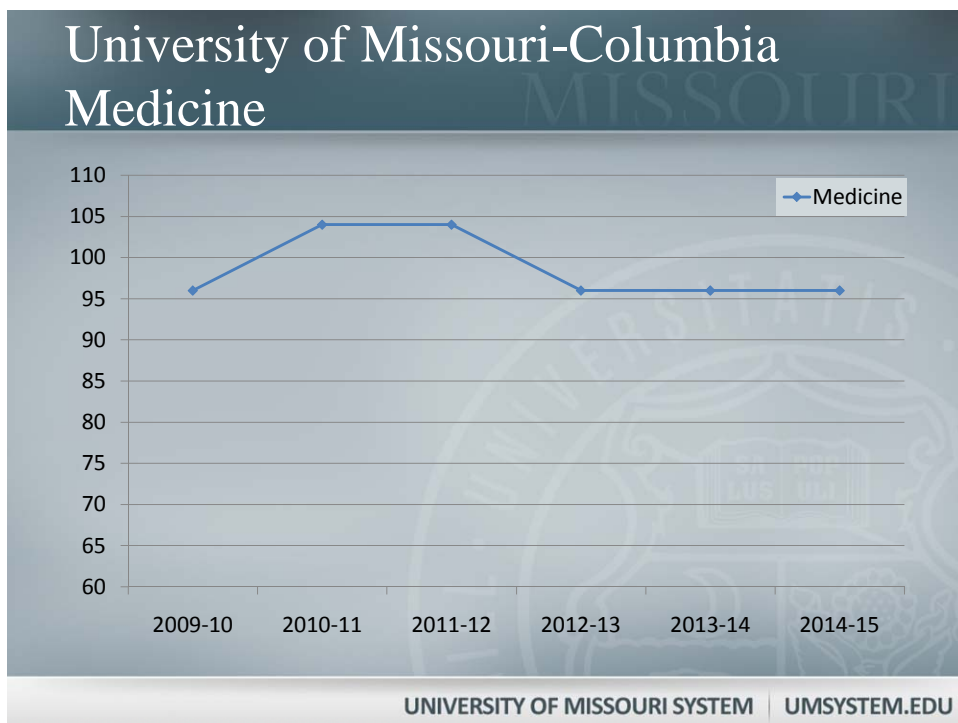


June 4-5, 2009

**University of Missouri-Columbia
Medicine - \$5,996,160**

MU School of Medicine will use the one-time funds allocated to increase the medical school class size by eight students per year for two years, resulting in a total of sixteen additional physicians by 2015. Since this will require renovation and creation of new space and labs, the School will not be able to take the first class until the fall of 2010. The School of Medicine will spend the money over three years, as follows: 20% in the first year, 40% in the second year, and 40% in the third year. If no continuation funds are found, the School will decrease the class size back to 96.

To support a larger class size and to increase the chance of more physicians serving Missouri over time, the School will use the funds to: create new problem-based learning labs and increase faculty resources to accommodate a larger class size; create the *Mizzou Preparation for Medical School* program, with the goal of helping rural, socio-economically disadvantaged, minority and other nontraditional students gain admission and achieve success in medical school; enhance academic support to successfully graduate enrolled medical students; develop new learning methods and training sites, with the goal of preparing students for future practice in both rural and urban settings.



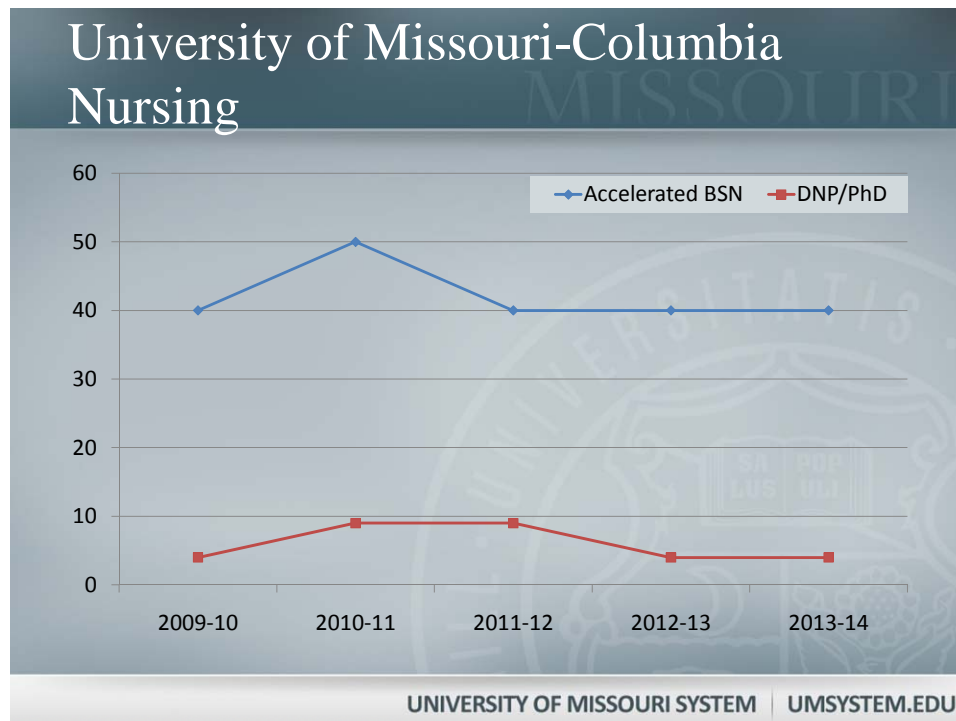
June 4-5, 2009

**University of Missouri-Columbia
Nursing - \$1,715,920**

The University of Missouri Sinclair School of Nursing will temporarily increase the number of bachelor's and doctoral prepared nurses using one-time financial support from the Caring for Missourians initiative. The focus is to prepare nurses expediently for the workforce and to prepare nurse educators. This effort will include 10 Accelerated BSN students and 10 doctoral students who will be prepared to become nursing faculty members.

The Accelerated students have bachelor's degrees in other disciplines and complete the BSN in 15 months (fulltime immersion in nursing theory/practice courses). Preference will be given to admitting qualified students from Missouri residing in Health Professions Shortage Areas. The 10 doctoral students will be prepared as nurse educators (DNP or PhD), five of whom must commit to teaching nursing in schools in Missouri for a minimum of four years after completion of the degree.

Funds will be spent as follows: 30% in year one, 40% in year two and 30% in year three.



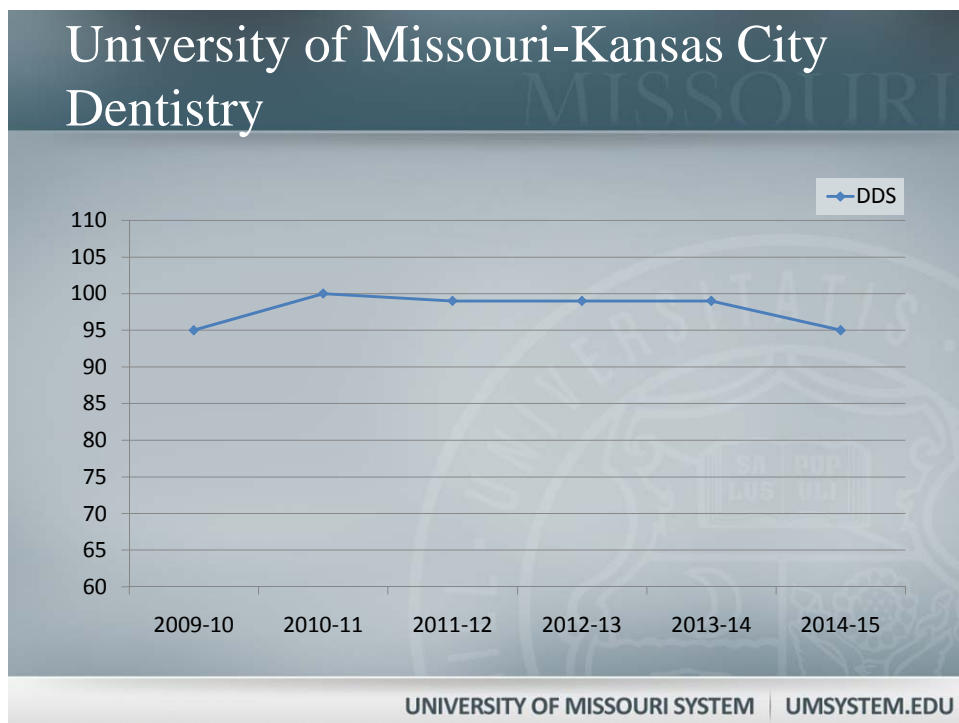
June 4-5, 2009

**University of Missouri-Kansas City
Dentistry - \$2,123,640**

This program will allow UMKC School of Dentistry to temporarily add a total of 17 new students from fall 2010 through fall 2013; five students in fall 2010 and four students per year in 2011, 2012, 2013. It is estimated that each cohort will complete the DDS program four years from when they matriculate into the School of Dentistry.

During the fall 2009, facilities will be renovated to allow the addition of the additional students in preclinical laboratories. The initial plans for FY 2010 include: 1) laboratory, clinic and locker renovations; 2) purchase of additional dental instruments for instruction and patient care; 3) development of additional rural rotation sites; 4) recruiting additional faculty and staff to manage laboratory and clinical instruction, rural rotations, and IC/IMS (instrument management and rental).

Students targeted for admission to this expanded DDS class size will be recruited heavily from disadvantaged backgrounds. Therefore a fifth component of the program will be development of a student success program to help strengthen the math and science background of dental school applicants. On-going funding for the program will be sought to sustain the program. Sources of funding to explore include student tuition, grant funding and state sources when available.



June 4-5, 2009

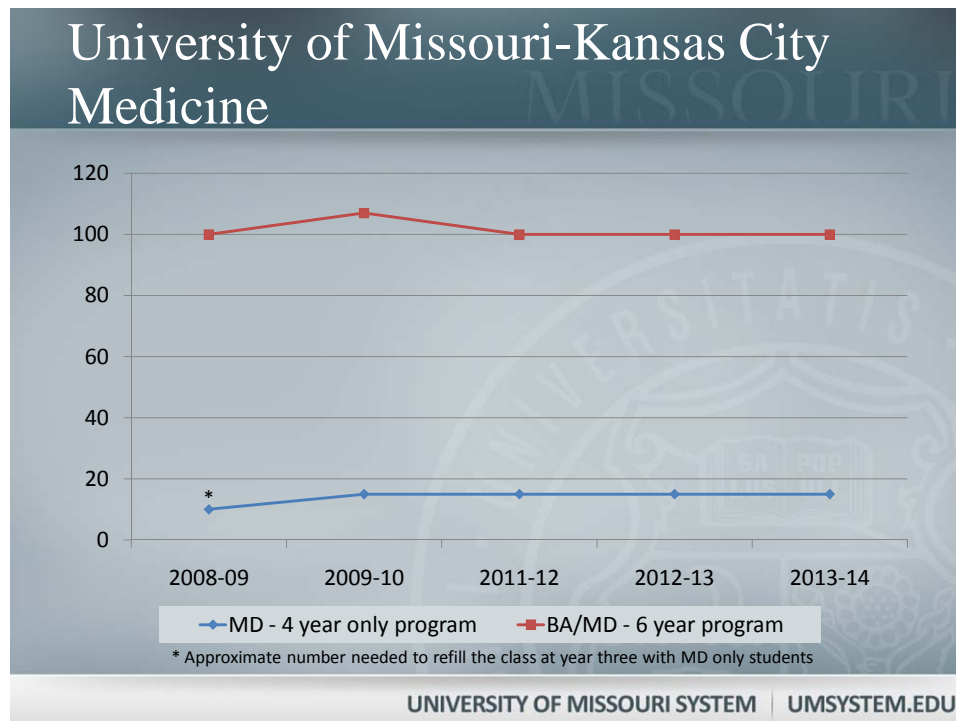
**University of Missouri-Kansas City
Medicine - \$5,621,400**

The School sets 105 as its goal for the number of physicians graduating from UMKC. This target represents an increase of roughly 15% from its current graduating class size of 90.

We will achieve our target of an increased graduating class size through a combination of initiatives which center around: one-time increased enrollment (which may recur depending upon subsequent funding) and aggressive and sustained efforts to increase retention.

In the 2009-2010 academic year we will increase the number of entering students by 7. These students will enter the program through two different pathways: traditional 6 year students earning the combined MD/Baccalaureate degree and MD-Only students who enter the program with an existing degree and take four years to complete the MD degree curriculum. Over a three-year period, the class size for the clinical years of the program (years 3-6) will increase by 15 students and the ultimate goal of producing 15 more doctors.

We will use these funds to aggressively enhance our retention and success programs and to facilitate creative approaches to the use of scholarships and waivers to help attract the most highly-sought after Missouri students who currently leave the state to seek training.



June 4-5, 2009

University of Missouri-Kansas City Pharmacy

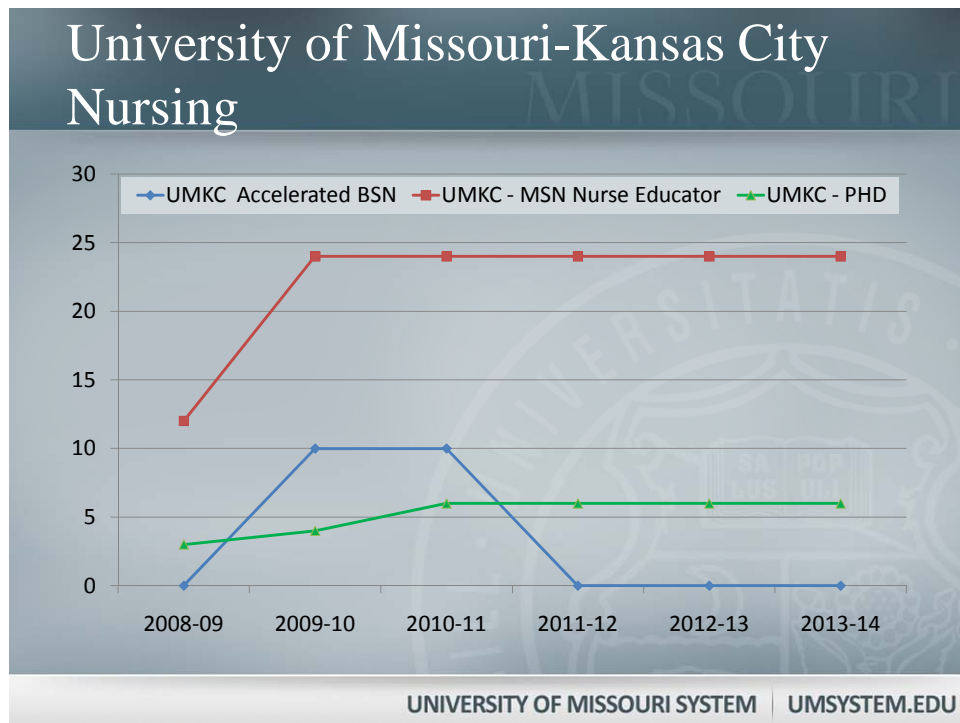
The *Caring for Missourians* initiative provides \$2.2 million in one-time funding to support pharmacy education. Officials from UMKC's School of Pharmacy and Missouri State University are exploring the feasibility of establishing a joint pharmacy program to meet the demand for more pharmacists – although permanent funding is needed to establish the PharmD program. In lieu of reaching an agreement with MSU – additional students could be admitted on a one-time basis in the Kansas City or Columbia programs.

**University of Missouri-Kansas City
Nursing - \$1,766,390**

The School of Nursing will increase enrollment and graduation in the MSN program with emphasis on the role of the nurse educator by 12 students each year. We will also increase enrollment in doctoral education by a minimum of three students each year. Priority admissions will be given to students who indicate a professional goal to become a nurse educator in Missouri. On-line access to both master's and doctoral education will increase opportunities for nurses in outlying and rural communities.

Using this one-time funding to enhance and expand our on-line access, the SON will be able to continue the enrollment of 12 MSN and three PhD students annually.

The new Accelerated BSN program will temporarily increase the annual enrollment by 10 students; thus increasing the school's admissions to the BSN program by 12%. This program will meet the following objectives: expand enrollment in the UMKC baccalaureate-nursing program by initiating an accelerated second-degree BSN program (10 students/year); focus recruitment and retention efforts of the accelerated BSN program to students from diverse backgrounds that reflect the diversity in the Kansas City and surrounding communities; graduate nurses prepared to be successful in the complex changing health care arena through an innovative clinical education model suitable for replication throughout the country. The school will be able to graduate two classes of 10 Accelerated BSN students by December 2012.



June 4-5, 2009

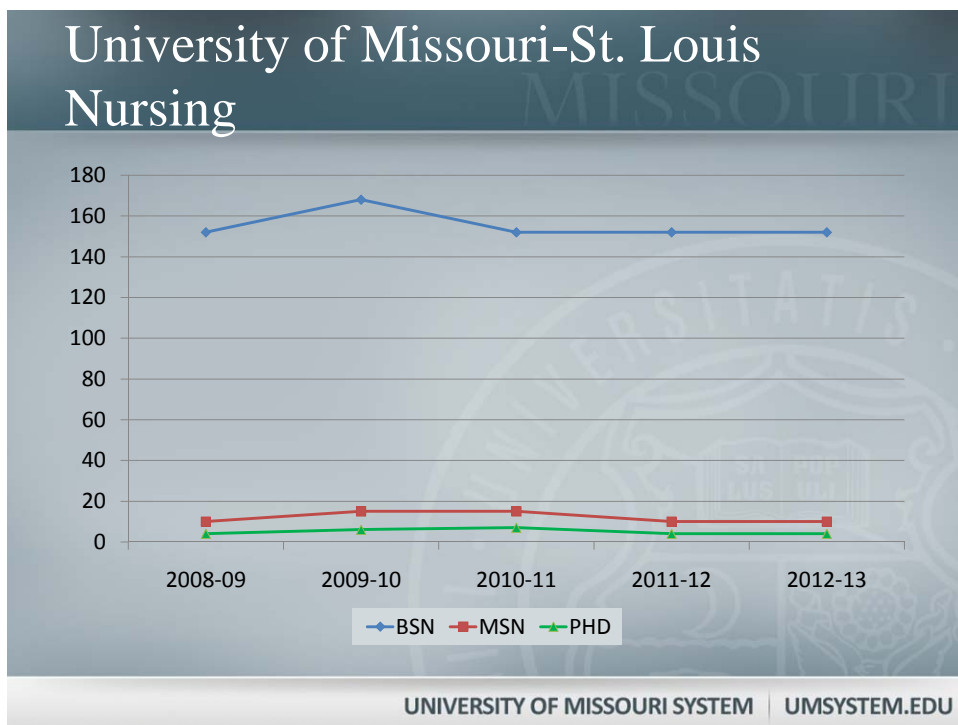
**University of Missouri-St. Louis
Nursing - \$1,766,390**

The College proposes spending the one-time funds over a period of two years. Funds will be spent on a combination of nontenure track faculty, temporary staff, and renovations and equipment purchases to support the additional students.

Some funds may be allocated to faculty recruitment and development, with particular attention to new uses of technology to enhance student learning. Creative approaches will be sought to build on the collaborative relationships between the three schools of nursing within the University of Missouri system in the area of graduate education.

Funding will be used for renovations in Seton Hall on the UMSL campus to provide a new BSN simulation laboratory, and either a small standardized patient suite for the MSN students or a large classroom. We will analyze the necessary resources and the possibilities for creative ways to work with partners to meet these needs.

The Projected numbers of temporarily expanded spaces are: 16 BSN students – including a mix of traditional and accelerated students (projected graduation in two years); 10 MSN nurse educator students (projected graduation in 3-5 years); and five doctoral students (projected graduation in 3-6 years).

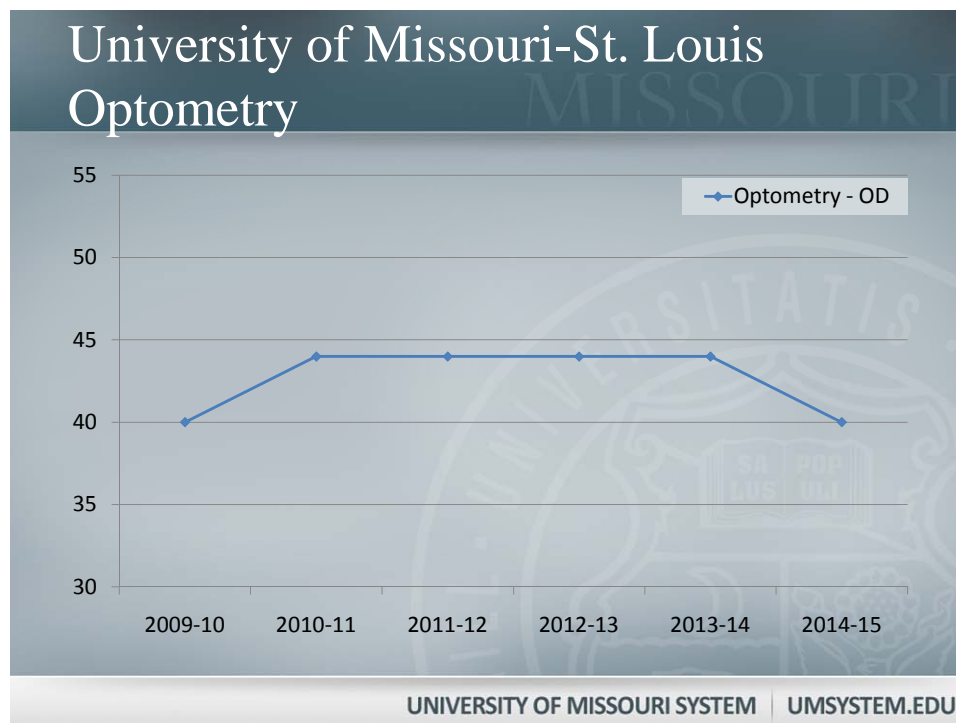


June 4-5, 2009

**University of Missouri-St. Louis
Optometry - \$749,520**

With one-time additional funding received through the *Caring for Missourians* initiative, the UMSL College of Optometry will maintain and improve the quantity, quality and diversity of students enrolled in the professional degree program. The college seeks to graduate sixteen additional optometrists during the years 2014 through 2017. One time funding will be used to enroll 16 new students; four additional students each year beginning in 2010 and continuing through 2013. The school will do this in part by hiring additional non-tenure track faculty (funded partially through additional student fees) and by providing some additional tuition assistance, as well as investing in the technology and laboratory equipment need.

The use of current technology in optometric education is critical in order to prepare graduates for optometric practice in the 21st century. Professional optometry schools are often challenged by rapid changes in specialized equipment and new technologies that require a substantial and frequent investment of resources. Therefore, the additional resources that are needed to initiate our plan will be directed to special equipment for teaching laboratories, advanced technology for teaching laboratories and clinics; and minor renovations of existing classroom and laboratory space.



June 4-5, 2009

Missouri University of Science and Technology

Missouri S&T does not offer any healthcare education programs so for the *Caring for Missourians* initiative the University proposed that Missouri S&T would collaborate with the Missouri Foundation for Health to promote health literacy in the region. This would have involved working local two and four-year colleges and regional partners such as Phelps County Regional Medical Center, the Rolla Chamber of Commerce, health care providers, and the K-12 school systems. Since only one-time funds were appropriated, it does not seem prudent to launch an effort that would be immediately discontinued. The UM president and Missouri S&T Chancellor are exploring options to utilize the funds in an effective manner to improve healthcare in Missouri.