

## **Spectrum**

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### **University achievements in line with strategic plan, Floyd reports**

The University of Missouri is on a path of moving from good to great, President Elson S. Floyd said in his report to the Board of Curators on May 4 in St. Louis. Floyd focused his comments on the University's achievements in the context of the strategic plan.

"One of the priorities associated with great universities is to make sure that we have a student body that is robust, an enrollment that is growing, and that we never compromise the quality of what occurs within our classrooms," Floyd said.

Over the last five years, the University has seen a net increase of approximately 13 percent in its student body. That growth is anticipated to continue in fall 2006, Floyd said.

While enrollment has increased, state appropriations to the University have been reduced, all without "compromising the quality of what we do as an institution," according to Floyd. "It is a wonderful statement of our leadership and the focus associated with each of our campuses."

The University also should be the institution of first choice for Missouri's top students and should lead public universities in the state in student retention and graduation rates, and is on the path of doing so, Floyd reported.

Access and affordability continue to be a focus, he said. The University's tuition formula also allows students and members of the public to have a clear sense of what fees will be.

"We also will be in a situation in which we can celebrate and applaud the work of the governor and members of the House and Senate, because it will be very clear, based on the appropriated amounts they are considering for our University, what our tuition and fees will be," Floyd said.

Another strategic plan goal is to become a national leader in the life sciences. "Not only are we in the business of recruiting and hiring the best and brightest faculty to lead us in this regard, we also are making sure that we have the program and research emphasis to support it," he said.

Floyd also discussed the importance of the successful capital campaigns underway at each campus. "If we are to move from good to great, we have to make sure that we leverage the resources associated with private gifting and philanthropy from our supporters," he said.

The University's priority is to be one of the leading public research universities in the nation, Floyd said.

"We have a responsibility to make sure that we are doing all that we possibly can to enhance the investment that Missourians have made in their public research university," he said. "We are doing that day in and day out."

## **Board approves fiscal year 2007 budget**

The University of Missouri Board of Curators approved a general operating budget of \$410 million for fiscal year 2007, which begins July 1, at its May 4–5 meeting in St. Louis.

Gov. Matt Blunt recommended a 2 percent increase for the University's general operations, which was approved by the General Assembly.

UM Vice President for Finance and Administration Nikki Krawitz told curators that the state appropriation figures used in developing the FY07 operating budget plan reflect the governor's recommendation, less the traditional 3 percent statutory withholding.

The budget also is based on a 5 percent increase in tuition, as well as increases in supplemental, professional school, and activity, facility and health fees, approved by the board at its March 2006 meeting.

Krawitz said the two major revenue sources for the general operating budget are state appropriations and gross student fees, which account for 85 percent of the total -- a decrease from a combined 92 percent of the total in FY00. State funds comprise 38 percent and student fees, before student aid, comprise 47 percent.

The operating budget comprises approximately 42.7 percent of the University's total current funds budget, which is about \$2.2 billion, or a 7 percent increase above last year's original budget. In addition to the operating budget, this includes operating budgets for the hospitals, auxiliary enterprises and restricted activities.

Of the \$148.2 million increase in budgeted revenues, net student fees contribute \$29 million, or 19.5 percent, of total revenues. Sales and services provide about 30 percent of the total.

Gross student fees are budgeted at \$541.9 million, a 7.9 percent increase over FY06, which reflects anticipated enrollment growth as well as fee increases.

Budgeted student aid of \$176.5 million is 6.6 percent higher than last year's budget. This results in a net student fees budget of \$365.5 million, or 8.6 percent more than last year's budget.

Budgeted revenues from gifts, grants and contracts total \$344.3 million, an estimated increase of 2.7 percent from FY06.

Revenues for sales and service total \$878.2 million, up 9.6 percent from FY06. Of those revenues, approximately 60 percent are attributed to University Hospitals.

The University's expenditure budget is estimated at \$2.2 billion, 6.7 percent higher than last year. Of the increase, only 35.4 percent is in the operations fund, while 66.7 percent is in auxiliary and restricted funds.

Budgets for salaries and wages include a 2 percent planned increase in funds available for salary adjustments.

Employee benefits are budgeted at \$283.5 million, a 13.9 percent increase over FY06 estimated benefit expenses.

Expense and equipment is budgeted at \$697 million, an increase of about \$50.2 million from FY06. The budget also includes 1 percent of the replacement value of physical plant for maintenance and repair.

As part of the board action, University of Missouri President Elson S. Floyd was authorized to modify the FY07 budget and allocation to bring it into harmony with the state appropriation as eventually approved by the governor.

### **Bennett highlights campus success stories in report to board**



University of Missouri Board of Curators President Angela Bennett shared good news from each campus in her report to curators May 4.

“There are so many different things that happen on each one of our campuses and within our system that it’s difficult each time to relate what has gone on,” Bennett said, whether they are successes from faculty, students, administrators or staff.

Among the highlights Bennett focused on were the high rankings earned by the UM-Columbia School of Medicine in the annual U.S. News & World Report Best Graduate Schools 2007. Family medicine was ranked third in the nation. The school’s rural medicine program also was among the top ranked programs.

The Conservatory of Music at UM-Kansas City celebrated its 100th anniversary in April. The Conservatory has earned national and international acclaim through music and dance performance, composition, teaching and scholarship.

A multidisciplinary team of students from UM-Rolla earned the top prize in April in a helicopter design competition sponsored by the Huntsville, Ala., chapter of the American Helicopter Society. The UMR First Responder Design Team beat out the Georgia Institute of Technology and several other universities to capture first place.

At UM-St. Louis, the College of Optometry is celebrating its 25th anniversary. The college administers the only professional training program for optometrists in Missouri.

Bennett concluded her remarks by sharing accomplishments that have occurred during President Elson S. Floyd's tenure at the University, including the introduction of the educational fee reduction program for employees' spouses and dependents; the creation of need-based scholarships by leveraging private support with state appropriations; the establishment of a joint pharmacy program with UM-Kansas City and UM-Columbia; and the financial turnaround of UM Health Care.

Such achievements are among the many that have occurred while Floyd has managed the University through difficult budget times, Bennett said. She commended the president for his excellent relationships with faculty, staff, students, alumni and elected officials.

### **UM faculty honored for outstanding work**

The University of Missouri honored four faculty members for excellence at an awards ceremony May 4 at UM-St. Louis.

University committees select the winners of awards for outstanding teaching, and research and creativity. Nominations for the Ratchford Award are evaluated by a panel that includes representatives from each campus, off-campus faculty and Missouri citizens. A subcommittee of the University of Missouri Press selects the winner of the Curators' Award for Scholarly Excellence.

#### **Curators' Award for Scholarly Excellence: Lloyd M. Wells**

Lloyd M. Wells (1919-2000) was professor emeritus of political science at the University of Missouri-Columbia. Wells was posthumously honored for *From Anzio to the Alps: An American Soldier's Story*. The book is his firsthand account of World War II, based on a journal he kept during the war, letters he sent home, and on personal records and recollections of people and events.

Wells was drafted into the U.S. Army in June 1941 and was commissioned a second lieutenant. He was later promoted to first lieutenant with the First Armored Division. He saw action in North Africa, Italy and Germany, and was awarded the Combat Infantry Badge, the Purple Heart and the Bronze Star.

Wells also co-authored *The Supreme Court and Public Opinion*.

#### **Presidential Award for Research & Creativity: Dr. Randall S. Prather**

Dr. Randall S. Prather, distinguished professor of reproductive biotechnology at UM-Columbia, earned a bachelor's degree in agriculture from Kansas State University, a master's degree in animal science and industry from Kansas State University and a doctorate in endocrinology-reproductive physiology from the University of Wisconsin-Madison.

Prather is considered one of the world's leading experts in nuclear transfer in pigs. He has been working in this area for more than 15 years with outstanding success, producing applications for

medicine and agriculture. He was one of the first to clone pigs from somatic cells and has generated transgenic pigs that could be used for transplantation.

He serves as an associate leader for the Food for the 21st Century Reproductive Biology Cluster and as co-director of the National Swine Research and Resource Center at UM-Columbia.

### **Presidential Award for Outstanding Teaching: Dr. Meera Chandrasekhar**

Dr. Meera Chandrasekhar is a curators' teaching professor of physics at UM-Columbia. She received a bachelor's degree in physics and mathematics from Mysore University, a master's degree in physics from the Indian Institute of Technology, and a master's and a doctorate, both in physics, from Brown University.

Chandrasekhar has taught undergraduate and graduate courses and served as a graduate advisor. She has led the development of four programs, including the Newton Summer Academy, that offer opportunities for students to experience the physical sciences through hands-on experiments. Chandrasekhar also works with Missouri science teachers to provide professional development during a summer institute.

She was the recipient of a Science Teachers of Missouri Distinguished Service Award; a Presidential Award for Excellence in Science, Mathematics, Engineering and Mentoring; and a Governor's Award for Excellence in Teaching, among other honors.

### **C. Brice Ratchford Memorial Fellowship Award: Don R. Day**

Don Day serves as a natural resource engineering specialist, central Missouri region, for University of Missouri Extension. He received a bachelor's degree and a master's degree, both in agriculture, from UM-Columbia.

Day began his Extension career as a farm management specialist in Bates County and later in Osage County. He is a leader in the use of technology in educational programs, partnering with his colleagues on the Columbia campus and in the community to develop the Columbia Online Information Network, one of the first community-based information networks in the nation.

He also actively partners with others to deliver the Master Gardener program, which brings gardening expertise to juvenile justice facilities, prisons and community centers.

In addition, Day coordinates the Master Naturalist program, a cooperative effort between the Missouri Department of Conservation and Extension that works to create a better understanding of the role of natural resources in our lives.

### **UM technology transfer showcase honors**



Dr. Jeffrey O. Phillips

University of Missouri faculty members were recognized for their involvement in the technology transfer and commercialization process at the sixth annual Technology Transfer Showcase held April 20 in Columbia.

Among the University of Missouri faculty members recognized were those who submitted invention disclosures, had patent applications filed by the University in their name, or had their inventions licensed during 2005.

#### **Faculty Entrepreneur of the Year Award: Dr. Jeffrey O. Phillips**

The fifth annual Faculty Entrepreneur of the Year Award was presented to Dr. Jeffrey O. Phillips, research associate professor and head of applied research in the Department of Surgery at the University of Missouri-Columbia.

The \$15,000 award is given to a University of Missouri faculty member for a record of entrepreneurial innovation that demonstrates commercial utility, contributes to the public welfare, and brings visibility to the University.

Phillips holds a bachelor's of science degree in pharmacy from the St. Louis College of Pharmacy and a doctor of pharmacy degree from the University of Utah.

He is known for his invention combining a buffer with a non-enteric coated proton pump inhibitor, or PPI—a class of drugs that prevent the production of excess stomach acid. His invention defied the conventional wisdom of the time that an enteric coating was essential to protecting the drug from the acid environment of the stomach.

Phillips' invention was licensed in January 2001, to Santarus, Inc., a specialty pharmaceutical company that develops therapies for gastrointestinal diseases. Marketed by Santarus and its marketing partner as Zegerid®, the product is the first immediate release PPI on the market.

Phillips continues to research novel combinations and uses of the drugs. He also developed, and the University has patented, a medical device that predicts outcomes of patients with closed head

injuries within the first few days of hospitalization. In addition, he developed software for the early diagnosis, monitoring and endpoint attainment for nosocomial pneumonia.

### **Student Entrepreneur of the Year Award: Paul Pattison**

The Student Entrepreneur of the Year Award was presented to Paul Pattison, a senior at UM-Columbia in mechanical aerospace engineering.

Pattison is the founder of Picture Cloud, LLC, which he started to improve the way objects are broadcast on the web by creating multi-angular images that require very little time or technical merit to create. As a client of the Missouri Innovation Center and with \$100,000 in “angel” financing, Picture Cloud, LLC, was publicly launched in January 2006.

The \$2,500 award honors a University of Missouri student who has shown entrepreneurial potential.

The Technology Transfer Showcase is coordinated by the University of Missouri Office of Technology & Special Projects.

### **Alumni alliance gives awards for outstanding service to UM**

The University of Missouri Alliance of Alumni Associations and Extension honored six individuals for outstanding service to the University at an awards dinner held April 19 in Jefferson City.

### **Governor Matt Blunt, Outstanding Alumni Service to the University of Missouri**

Matt Blunt was elected Missouri’s 54th governor on Nov. 2, 2004.

Gov. Blunt is a Strafford, Mo., native who attended public schools there and in Jefferson City. He graduated from the U.S. Naval Academy in Annapolis, Md.

Gov. Blunt served more than five years as an active duty naval officer. He is the only statewide official in Missouri history called to active military duty in wartime, serving for six months in Operation Enduring Freedom. During his naval career, Gov. Blunt received numerous commendations, including four Navy and Marine Corps Achievement medals.

Prior to his election as governor, Matt Blunt served as Missouri’s 37th Secretary of State and as a member of the Missouri House of Representatives.

## **Rep. Gayle Kingery, Outstanding Alumni Service to UM-Columbia**



Left to right: Charles Remington, Rep. Gayle Kingery, Joseph Porter, Jr., Tom Henderson, and University of Missouri President Elson S. Floyd. Not pictured: Dr. Harold Frye.

Rep. Gayle Kingery (R-Poplar Bluff) was first elected in 2002 to represent the 154th District, part of Butler County, in the Missouri House of Representatives. He serves as chair of the Higher Education Committee and as a member of the Education Appropriations and Elementary and Secondary Education Committees.

Kingery received a bachelor's degree in education from Southeast Missouri State University. He attended the University of Missouri-Columbia, where he studied physical education and served as a graduate assistant under football Coach Dan Devine.

A retired educator, Kingery spent three years as a teacher and coach in Jackson, Mo., and 30 years as a teacher, coach and administrator in Poplar Bluff.

## **Harold Frye, Ph.D., Outstanding Alumni Service to UM-Kansas City**

Dr. Harold Frye is chair of graduate education and doctoral studies at Baker University in Overland Park, Kan. Frye received his bachelor's, master's and educational specialist degrees from the University of Missouri-Kansas City School of Education.

Frye served as director of the Kansas City Professional Development Schools Collaborative and was instrumental in creating the Institute for Urban Education at UM-Kansas City. He is a past president of the UM-Kansas City School of Education Alumni Association, vice president of the UM-Kansas City Alumni Association, and has served as a member of both the Teacher Education Coordinating Council and the School of Education Scholarship Committee.

Among other honors, Frye is the recipient of the UM-Kansas City 2005 Alumni Service Award and was the first recipient of the Hall Family Foundation's Learning Exchange Fellowship.

## **Charles Remington, Outstanding Alumni Service to UM-Rolla**

Charles Remington, professor emeritus of mechanical engineering at the University of Missouri-Rolla, received his bachelor's and master's degrees in mechanical engineering from the Missouri School of Mines, as UM-Rolla was then known.

Remington joined the faculty at Rolla as an instructor in mechanical engineering and became a full professor. He directed summer training programs for high school students and served as faculty advisor to the M-Club varsity service organization and the Blue Key national honor fraternity.

A registered Professional Engineer and a member of the Academy of Mechanical Engineers, Remington was active in the American Society of Mechanical Engineers, the Society of Automotive Engineers, and the American Society of Engineering Education. He is a member of the Order of the Golden Shillelagh at UM-Rolla.

### **Joseph Porter, Jr., Outstanding Alumni Service to UM-St. Louis**

Joseph Porter, Jr., is a shareholder of the St. Louis office of Polsinelli Shalton Welte Suelthaus PC. Porter, who chairs the firm's financial institutions practice group, received a bachelor's degree, cum laude, from the University of Missouri-St. Louis and his juris doctorate, also cum laude, from the St. Louis University School of Law.

Porter has more than 20 years' experience serving as counsel to a variety of corporations. Much of his practice involves financial institutions and the special regulatory issues they face. He is a member of bar associations in both Missouri and Illinois.

Porter is a member of the UM-St. Louis Chancellor's Council, the UM-St. Louis Business School Alumni Board, and is a lifetime ex officio member of the UM-St. Louis Alumni Association governing board.

### **Tom Henderson, Ph.D., Outstanding Alumni Service to University of Missouri Extension**

Dr. Tom Henderson received bachelor's and master's degrees in business administration from Southwest Missouri State University and the University of Missouri-Columbia, respectively, and earned his doctorate in higher education from Southern Illinois University Carbondale.

Henderson began as an extension business and industry specialist in Pulaski County in 1972. He served Jefferson and Cape Girardeau counties from 1976 to 1982. Henderson later served as University System extension program director for community resource development and economic development, and as vice provost for extension and continuing education at UM-Columbia. Following his retirement, Henderson also served Extension as interim vice provost and director. He was recently appointed coordinator of economic development at UM-Columbia.

Among his program innovations for Extension was providing leadership for the University of Missouri-Columbia High School, the only accredited, distance-learning high school run by a public institution of higher learning in the state.

## **University of Missouri briefs**

### **Vision benefits program in development**

UM Faculty and Staff Benefits has announced that it is developing a vision benefits program for UM faculty, staff and retirees, with a targeted effective date of Jan. 1, 2007.

UM has requested proposals from vision benefits vendors and will select the vendor that offers the best overall program.

The plan will be offered on a fully-insured basis where employees and retirees will pay monthly premiums for the coverage provided. Employees and retirees will be able to enroll on a voluntary basis and will pay the full cost of the premiums.

While the final design and premiums are yet to be determined, features of the program will likely include: no deductible; comprehensive eye exam and contact lens fitting for a fixed copayment; frames and lenses for fixed copayments; contact lenses; and a network of qualified providers.

As the program is finalized, faculty, staff and retirees will be provided information on program details as well as the enrollment process.

### **Board approves doctor of physical therapy degree at UM-Columbia**

The University of Missouri Board of Curators approved a proposal for a doctor of physical therapy degree at UM-Columbia.

The proposal requests a conversion of the current master's in physical therapy to the doctor of physical therapy degree, which brings the program in line with professional standards in the field.

The proposed degree now goes to the Coordinating Board for Higher Education for approval.

### **Board approves firms for construction projects, master plans**

At its May 5 board meeting in St. Louis, the board approved the selection of architects and engineers for various campus projects.

Mackey Mitchell Associates, St. Louis, Mo., was approved for design services for the Mid Campus Residence Hall and Defoe/Graham Halls renovation at UM-Columbia.

Final plans prepared by Peckham Guyton Albers & Viets, Inc., St. Louis, Mo., were approved for the Regional Biocontainment Laboratory at UM-Columbia.

The campus master plan for UM-St. Louis and the master plan for Discovery Ridge research park were approved by the board.

The board also approved naming the south area of the Bloch School of Business and Public Administration at UM-Kansas City the Marion H. Bloch Terrace and Park, in recognition of funding for the park donated by the Bloch family.