

Mizzou Weekly

April 11, 2013 Volume 34, No. 26

University pathologist pumps big iron to make it into record books



GETTING STRONGER Dr. Shelly Frazier, shown here at Optimus: The Center for Health in Columbia, bench-pressed a world record for her age, gender and weight class at the World Drug-Free Powerlifting Federation in Boston in October 2012. Photo by Rob Hill.

ACTIVITY AND AGING

Scientist took up weightlifting to improve her joint movement

When Shelly Frazier peers into a microscope, analyzing slides and diagnosing biopsies as director of surgical pathology for MU Health Care, it's not obvious that she's a triathlete. Or a marathoner. Or an ultra marathoner. Or, remarkably, a world-record powerlifter.

But Dr. Frazier, 42, is all of the above.

From a young age, Frazier was involved in sports, beginning with soccer and T-ball in the first grade.

"When I was going through high school, women were just starting to have validity in sports," Frazier said. "It still wasn't common for women to be lifting weights, but I started dabbling in it for sports performance. I was an outlier."

In college, Frazier was encouraged by coaches to keep up with weight training. But instead she reduced lifting and focused on running.

"It's time where I can clear my head and get away from everything," said Frazier, who has completed two marathons and the 2010 50k North Face Endurance Challenge in Kansas City, Mo. "There's nothing I have to deal with when I'm running."

Five years ago, Frazier underwent a metabolic exercise test at [Optimus: The Center for Health \(http://www.optimushealth.com\)](http://www.optimushealth.com), 200 E. Southampton Drive. The test motivated her to undergo weight training with Tom LaFontaine, an exercise physiologist at Optimus and an adjunct instructor in the nutrition and exercise physiology department at MU.

"[LaFontaine] believed that weightlifting was the way to go if you want to stay healthy and keep your joints healthy," Frazier said. "And I have a lot of joint problems."

Frazier had been dealing with knee pain since high school, shoulder pain since college, and about a year ago underwent surgery to transplant a tendon from her large toe to her Achilles at the heel.

"It's a chicken and the egg thing: Do I have all the joint problems because I do all this stuff? Or can I still walk because I am doing this stuff?" said Frazier, citing her sports-related injuries and her family's history of arthritis. "Keeping the muscles around my joints [strong] helps me continue doing the things I love to do."

Frazier was on board when, in February 2012, LaFontaine; his wife, Linda; Pat Okker, an MU English professor; and Louise Miller, an MU teaching professor of nursing, started the fitness group Older Women on Weights (OWOW).

"As you get older, maintaining bone strength is a big deal," Frazier said. "As a physician, I see [weight training] as a preventative medicine."

In October 2012, Frazier, who also suffers from full thickness cartilage loss in her knee, bench pressed a world-record setting 70.5 kg (155 pounds) for her age, gender and weight class (up to 122 pounds) at the World Drug-Free Powerlifting Federation (WDFPF) world championship in Boston. Frazier, who weighs only 115 pounds, also holds bench press, deadlift and squat records in the American Drug-Free Powerlifting Federation.

"Shelly's performances are truly remarkable in light of her history of injuries," LaFontaine said. "She is the prime example of what is possible in terms of physical function and performance."

Frazier is training for the Boston Marathon April 15, which she said will be her last. In June, she will compete in the WDFPF single event world championship in Belgium.

"I think most people who have the injuries I have wouldn't be able to do nearly as much as I am able to do," said Frazier, referencing her weight training as preventive medicine for future injuries. "It would be so wonderful to have joints that could keep up, but you have to keep yourself healthy and use what you've got."

UPDATE: Frazier finished the Boston Marathon on April 15 minutes before the explosions. Read about her experience of it [here \(index.php.html\)](#).

— *Kelsey Allen*

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Campus leaders gather to discuss next fundraising campaign

ONE MIZZOU

Endowment, Mizzou Advantage will be priorities

University of Missouri deans, administrators and fundraisers gathered for a half-day summit April 8 in Reynolds Alumni Center to discuss MU's next comprehensive fundraising campaign, which has a working title of One Mizzou.

Recurring points of discussion included the importance of growing the university's endowment, finding "big ideas" to attract donors and building relationships over time.

Why now?



Mizzou is in an enviable position, and it's an ideal time to begin a campaign, said fundraising expert Martin Grenzebach, who served as a consultant on the university's previous campaign, For All We Call Mizzou, and whose firm, [Grenzebach Glier and Associates \(http://www.grenzebachglier.com\)](http://www.grenzebachglier.com), conducted research to inform the new campaign.

The 2012 Grenzebach Glier and Associates study of nearly 600 current and prospective Mizzou donors revealed that the university has an "overwhelmingly positive image and reputation," Grenzebach said. Alumni of journalism, medicine and law, in particular, hold their schools in high regard.

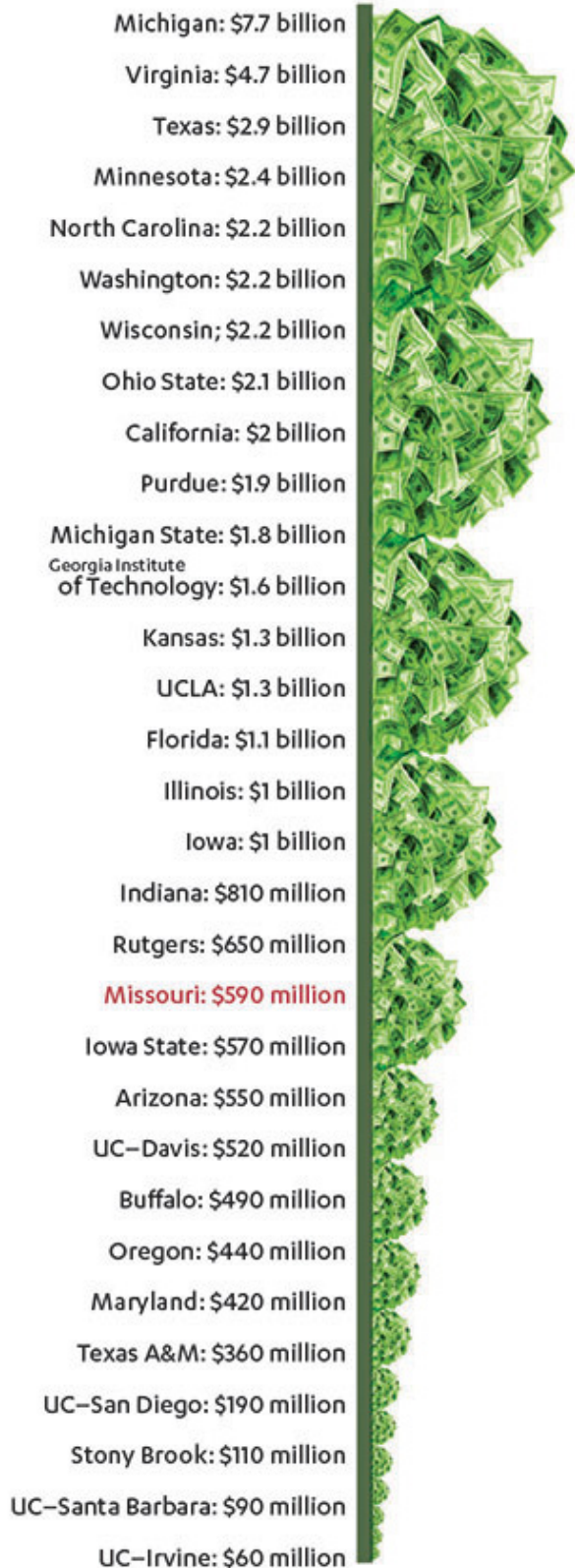
"There is a remarkable momentum at this institution that is palpable," he said, citing the positive forces of stable senior leadership, the success of the last campaign, athletics, enrollment and research.

Roughly 13 percent of philanthropic gifts nationwide go to colleges and universities, Grenzebach said. Many gifts go to foundations, which may ultimately redirect funds to higher education. In 2012 alone, Mizzou received pledges from the [Donald W. Reynolds Foundation \(http://www.dwreynolds.org/\)](http://www.dwreynolds.org/), [Sidney Kimmel Foundation \(http://www.kimmel.org\)](http://www.kimmel.org) and [Wallace H. Coulter Foundation \(http://www.whcf.org\)](http://www.whcf.org) amounting to \$38.9 million.

Donors understand the need for increased private donations to counter declining state support, Grenzebach said. Historically, donors did not want their money going to what the state used to pay for, such as building classrooms and paying faculty salaries. "It's less of an issue now," he said.

However, the institution, schools, colleges and programs must each "have a compelling, urgent story," Grenzebach said. "Why should someone make a large investment to Mizzou now?"

Endowment



* Colorado, Penn State and Pittsburgh were not included because they don't report endowments on a campus level.
Source: IPEDS finance survey

“Great universities in the U.S. have large endowments,” said Chancellor Brady J. Deaton. Endowments provide “stability, a sense of pride, a sense you can tackle tough issues and not have to worry about the rug being pulled out from under your feet the next day.”

The university's endowment can be compared to a savings account from which only the interest is withdrawn each year. By preserving the initial cash balance, an endowment can fund scholarships and programs in perpetuity.

At the start of For All We Call Mizzou, the university's endowment was \$358 million, said Tom Hiles, vice chancellor for advancement. Since 2000, the endowment has grown to \$671 million.

But despite this growth, MU's endowment lags behind its peers.

Universities with larger endowments "have a competitive advantage in recruiting and retaining talented students and faculty," Hiles said.

Donors often endow new chair or faculty positions in specific academic areas. More than 97 percent of MU's endowment is restricted for a specific use or program. It is helpful for deans to have flexibility in using the funds.

"I would prefer 10 endowments supporting additional stipends for faculty versus one endowed chair," said Dean Mills, dean of the School of Journalism. "And I would prefer program endowment to an endowed chair."

Grenzebach cautioned against over-asking for unrestricted gifts. The minimum amount to create an endowment is \$25,000. "Donors who give that amount of money want to have some say in how the money is used," he said.

Campaigns at institutions such as Mizzou typically generate 3 percent to 4 percent in unrestricted gifts, Grenzebach said. "If you try to drive it much higher, you're going to end up leaving money on the table."

'Big ideas'

Key to Mizzou's success will be its ability to embrace multiple goals, Grenzebach said. However, public universities do a poor job of communicating goals concisely, he said, and Mizzou is no exception.

The first draft of a case statement — an internal document that outlines the campaign purpose and goals — was criticized for failing to "articulate a unique, defining vision for the university. It includes something for everyone, rather than a plan to strongly advance the institution," he said.

Donors want to help transform the university, Deaton said. "They are looking for ideas that can help us accomplish that."

Rob Duncan, vice chancellor of research, stressed the importance of venture capital, citing four successful pharmaceuticals developed at Mizzou: TheraSphere for liver cancer, Quadramet for bone cancer pain, Ceretec for brain imaging and [Zegerid](http://mizzoumag.missouri.edu/2013/02/endowment-101/) (<http://mizzoumag.missouri.edu/2013/02/endowment-101/>) for heartburn relief. [Three of those discoveries are radiopharmaceuticals developed at MU's research reactor](http://www.murr.missouri.edu/rd_life_sciences_radio_research.php) (http://www.murr.missouri.edu/rd_life_sciences_radio_research.php). Mizzou is one of only five universities nationwide with law, medicine, veterinary medicine and a nuclear research reactor on one campus.

"Donors are beginning to recognize what Missouri can do that nobody in the world can do," Deaton said. That's the fundamental core of the [Mizzou Advantage](http://mizzouadvantage.missouri.edu) (<http://mizzouadvantage.missouri.edu>), he said. "To bring interdisciplinary work together, to look at these world problems ... in ways no one else has done."

Tom Payne, dean of the College of Agriculture, Food and Natural Resources, cited interdisciplinary [orthopedics research by Jimi Cook](http://mizzoumagarchives.missouri.edu/2011-Spring/features/kneedy/index.php) (<http://mizzoumagarchives.missouri.edu/2011-Spring/features/kneedy/index.php>) and [nutritional sciences research by Chris Hardin](http://mizzoumagarchives.missouri.edu/2011-Winter/features/thought-for-food/munching.php) (<http://mizzoumagarchives.missouri.edu/2011-Winter/features/thought-for-food/munching.php>) as two examples of collaborating to improve people's lives.

MU serves humanity at every stage in life, Duncan said. He noted that the university's [largest research grant](http://mizzoumag.missouri.edu/2012/11/nursing-school-makes-mu-history/) (<http://mizzoumag.missouri.edu/2012/11/nursing-school-makes-mu-history/>) funds an interdisciplinary collaboration headed by Marilyn Rantz, Curators Professor of Nursing and [Institute of Medicine member](http://www.murr.missouri.edu/rd_life_sciences_radio_research.php) (http://www.murr.missouri.edu/rd_life_sciences_radio_research.php). [Institute of Medicine member](http://www.murr.missouri.edu/rd_life_sciences_radio_research.php) (http://www.murr.missouri.edu/rd_life_sciences_radio_research.php).

Talk of big ideas continued in a panel discussion moderated by Hiles. Sinclair School of Nursing Dean Judith Miller proposed to build on Rantz's aging-in-place work to endow an elder tech center. It would involve engineering, human environmental sciences, health professions, veterinary medicine, music and journalism. The big idea for donors, she said, is to help people age safely, with dignity and grace, remaining in their homes and living on their own terms.

Daniel Clay, dean of the College of Education, spoke about his work with the Kansas City public school district, which lost accreditation and was dubbed worst in the nation by U.S. Secretary of Education Arne Duncan. Trying to help the district reach

the state threshold was the wrong approach, Clay said. Asking, “How do we make this school district a model for urban reformation in the country?” has generated interest from the Carnegie and Kauffman foundations, he said.

Relationship building

Athletics is “not even close to the most important thing we do at MU,” Intercollegiate Athletics director Mike Alden said. But athletics is the most visible entity, and it can open the door to “launch into all the other initiatives we have at Mizzou.”

Sometimes athletic donors become givers to the academic side of the university. An example is Richard Miller, an entrepreneur and tri-chair of the new campaign cabinet committee.

Miller’s dad, two brothers and grandfather played football at MU, and Miller ran track. Five of Miller’s children graduated from or are currently attending the university.

His family and company gave to athletics for many years. Then, Miller said, he was “discovered” by Bev O’Brien, at the time development director for the College of Arts and Science.

“She made a visit, which was very important,” Miller said. “I saw a face from the University of Missouri.” O’Brien invited Miller to visit the academic side of campus: a first, he said. After several visits, O’Brien asked for \$1 million for the mathematics department. Since then, Miller has also donated to business, neuroscience, literature and writing, mathematics education, nursing and athletics.

“I know some people in the academic community think that [athletics and academics] compete,” Miller said. “I’m a good example they do not.”

Although raising money is important, “what we do is not transactional,” Hiles said at the conclusion of the summit. “This is about building deep relationships, and you don’t do that just in passing.”

Ultimately, the campaign’s success will be measured by more than dollars. “At the end of this campaign,” Hiles said, “if we haven’t engaged our alumni in a more dynamic way, if our constituencies don’t feel better about the university, we haven’t achieved success.”

—Angela Dahman

CAMPAIGN TIMELINE

Fall 2011: Recruited campaign planning committee

January 2012: Began quiet phase

Spring 2013: Leadership discussion on case statement

Fall 2013: First meeting of campaign cabinet committee

Fall 2014 / Fall 2015: Public kickoff

Fall 2019 / 2020: Victory celebration

More: MIZZOU magazine’s [Endowment 101 \(http://mizzoumag.missouri.edu/2013/02/endowment-101/\)](http://mizzoumag.missouri.edu/2013/02/endowment-101/) story on how endowments have benefitted MU students, faculty, facilities and programs since 1888.

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Deaton discusses area job development at breakfast



ECONOMY Chancellor Brady J. Deaton spoke about MU's impact on the local community Tuesday in the Reynolds Alumni Center. Photo by Nicholas Benner.

COFFEE AND JOBS

International students make significant impact on local economy

The [Regional Economic Development Inc. \(https://www.columbiaredi.com/\)](https://www.columbiaredi.com/), or REDI, held its quarterly breakfast Tuesday at the Reynolds Alumni Center.

Vicki Russell, publisher of the *Columbia Daily Tribune* and chair of the board of REDI, which helps the community create and retain jobs in mid-Missouri, said MU is an economic engine for Columbia.

Chancellor Brady J. Deaton spoke about MU's global reach and why it's important for Columbia and Missouri.

Deaton cited a National Association of International Educators study that found that the 2,000-plus international students from 120 countries bring \$52.4 million a year to the Columbia economy. "These days, [Columbia] is really the world," he said.

Deaton detailed MU's numerous international programs and collaborations, highlighting the more than 60 nursing students who fulfilled the clinical requirement of MU's community nursing course by studying in Africa as well as growing participation in MU's service-learning programs in Ghana, Peru, Rwanda and Korea.

Deaton also spoke about the [Food and Agricultural Policy Research Institute \(http://www.fapri.missouri.edu/\)](http://www.fapri.missouri.edu/) and the [Asian Equity Research Institute \(http://www.aeriresearch.com/AboutUs.aspx\)](http://www.aeriresearch.com/AboutUs.aspx) at MU that bring investments to Columbia because they don't exist at any other United States university.

"Mizzou Advantage [allows] a unique linkage of interdisciplinary work that can occur here, and in many ways cannot take place at other institutions because the range of strengths is simply not there," Deaton said.

“It is that link that is fundamental to future economic growth and will enable this central part of the nation to be just as vital, entrepreneurial and innovative as the East Coast or the West Coast,” he said.

— *Kelsey Allen*

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Attracting, keeping faculty is general faculty meeting theme

SPRING GENERAL FACULTY MEETING

The University of Missouri's recent accomplishments and future plans, seen through the prism of limited state funding, were discussed at the general faculty meeting Tuesday in Memorial Union's Jesse Wrench Auditorium.

Foremost on the minds of administrators was the need to hire more faculty and increase faculty pay, even as MU faces a \$2.3 million shortfall without raises or benefit increases for fiscal 2014. The spending plan assumes a 0 percent increase in state support, according to Budget Director Rhonda Gibler.

Faculty Council Chair Harry Tyrer began the 90-minute meeting by summarizing the council's accomplishments over the past year. This included council's role in re-establishing the University of Missouri Press after its closure last May, and organizing the vote that gave non-tenure-track faculty campus voting privileges, which the Board of Curators is expected to approve Friday.

Citing recent MU accomplishments, Chancellor Brady J. Deaton praised Mizzou Advantage, the recruitment of faculty in strategic areas, aggressive enrollment management, and strengthening data and analysis to enhance student success.

As in his April 4 talk to Faculty Council, Deaton discussed the strategy to hire 200 faculty over the next five years and raise faculty salaries.

He also said he is committed to making faculty pay commensurate with other public institutions in the Association of American Universities.

MU wants to "attract and retain the best," Deaton said.

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Faculty Council to explore ways to better MU's status in Association of American Universities

THE FUTURE OF MIZZOU

The university hopes to hire a significant number of faculty over the next five years

Chancellor Brady J. Deaton spoke April 4 to Faculty Council in Memorial Union about ways to improve MU's status in the [Association of American Universities \(http://www.aau.edu\)](http://www.aau.edu) (AAU), hiring faculty and his reaction to the report by a Faculty Council ad hoc committee on the closing of the University of Missouri Press last year.

Deaton said Faculty Council Vice Chair Kattesh Katti will lead a committee that will examine four ways to strengthen MU's stature in the AAU:

- increase federal research support
- increase the number of faculty who are members of a prestigious academy, such as the National Academy of Sciences or the Royal Society of Canada
- promote faculty accomplishments
- increase faculty's academic citations

Over the next five years, Deaton said he hopes to raise faculty salaries and hire 100 tenure-track faculty and 100 non-tenure-track faculty. Details including funding are to be determined. "We want to make this an attractive place for faculty," he said.

Deaton also wants to make the process of tenure review more consistent and dynamic. If a candidate, for example, publishes outstanding papers in a "B journal" and another candidate publishes average papers in an "A journal," the former candidate should not necessarily lose out to the latter candidate, Deaton said. "Get rid of the labels," he said.

Deaton called Faculty Council's Ad Hoc Root Causes Committee report regarding the closing of Missouri Press a "good report." Released March 14, the 19-page report concluded that faculty were not consulted on the shuttering decision and asked that faculty have more input and consultation with administrators on issues that overlap faculty concerns. Deaton commended the five-member team headed by Arthur Jago, a professor of management and Faculty Council member.

After Deaton's talk, Stephen Montgomery-Smith, a mathematics professor, presented two resolutions on the closing of the Nuclear Science and Engineering Institute (NSEI) one year ago. Included in the resolutions were, as with the Missouri Press issue, formation of a root cause analysis committee on the administrative actions surrounding the shuttering, and asking MU to audit NSEI in accordance with the Collected Rules and Regulations.

But council members wanted specifics on what the ad hoc committee's goals were and the resolutions were tabled.

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Mizzou's bed and breakfast offers comfy accommodations and hospitality experience to students



HOSPITALITY Julie Wade, a senior majoring in hospitality management at MU, sets the table for breakfast at The Gathering Place. Fresh flower arrangements from the on-campus florist Tiger Garden grace tables. Photo by Jessica Salmond.

THE GATHERING PLACE

House has rich Columbia history

Guests of The Gathering Place find first-class accommodations with luxury linens, chocolate truffles at bedtime, fresh flowers, breakfast made to order, impeccable service and hospitality.

A five-star hotel in an exotic location? No, it's a learning experience at one of the University of Missouri's best-kept secrets.

The Gathering Place Bed and Breakfast, 606 S. College Ave, is a learning and research center for students majoring in hospitality management through the College of Agriculture, Food and Natural Resources (CAFNR). Much of its clientele includes visitors to the university—alumni, parents of prospective and current students, researchers, speakers, professors and job applicants.

The bed and breakfast is also where hospitality management students take what they have learned in the classroom and put it to use in the real world.

"Our students are involved in the total experience," said innkeeper Deborah Strid, who supervises students.

From the homemade Norton wine ketchup to freshly ground and seasoned sausage, students learn the nuances of making a breakfast fit for a king, even a king with special dietary needs.

Next Generation Technologies

The Gathering Place also uses innovative technologies that allow students to program guests' access codes, interior and exterior lighting and individual room climate controls. Menus are entered into in a computer and guests' preferences are tracked for future visits. Data is also used for sales analysis and determining the cost of operations. The data is made available to students doing research in hospitality operations.

Being on the cutting edge of hospitality management is key to the MU program, Strid said. Alumni of the program have visited the bed-and-breakfast after graduation and have told Strid that they have been able to implement or improve MU's systems into hotels where they now work.

The Gathering Place served its 10,000th breakfast last summer and was awarded TripAdvisor.com's Certificate of Excellence, an honor earned by consistently earning top ratings from TripAdvisor travelers.

Julie Wade, a hospitality management senior from Osage Beach, said she enjoys working at The Gathering Place as part of her coursework. In addition to learning culinary and hospitality skills, she's learned to interact and network with guests. Within easy walking distance of Faurot Field's games and tailgating, The Gathering Place is host to alumni and others with connections that students need in the real world. Some of the notables include MU graduate Robert Loggia, who played "Chopsticks" on a giant piano with Tom Hanks in the movie *Big*, longtime MU Tigers basketball coach Norm Stewart, and Walter Scheib, White House chef to Bill Clinton and George H.W. Bush.

Patrick Mitton, traveling to MU from the United Kingdom, stayed at The Gathering Place last fall. He likened the quality to a five-star European boutique hotel, offering the finest-quality food and service available. "It's a lovely environment," he said.

About The Gathering Place

The Gathering Place was purchased by the College of Agriculture Foundation in 2008. The building is leased to CAFNR.

Cora (Gans) Davenport bought the land in 1905 to build her private residence, which she owned until 1918. Throughout the 1920s, it was home to several widows. In the 1930s the home was renovated and the south wing added.

In 1936, the house was home to Lambda Chi Alpha, the first of four fraternities to live there. The others were Alpha Gamma Rho, Tau Kappa Epsilon and Sigma Tau Gamma. In the 1960s, 70s and 80s, Edith Beary owned the house, which she divided into eight apartments.

Shirley and Ross Duff and their children purchased the property in 1994. The Duffs enjoyed having people over for parties, study groups or just fun, so they chose the name "The Gathering Place" for the house.

A complete renovation and restoration was undertaken in 1995. Careful architectural research revealed the original foursquare plan of the home. The house was gutted and taken down to the studs; 122,000 pounds of plaster and cast-iron plumbing was removed.

On Nov. 8, 1995, a fire during the final phase of renovation destroyed the third and most of the second-story framing. The water used to douse the fire ruined the original pine and oak flooring, which had been reconditioned.

In keeping with a faithful restoration, hardwood floors were replaced. Some of the replacement newel posts and stair spindles came from an 1851 home in Clinton, Mo., while others were reproductions commissioned from a manufacturer in Neenah, Wis.

In May 2008, the College of Agriculture Foundation purchased the bed-and-breakfast near the MU campus and now leases it to CAFNR, which operates it as part of the college's hospitality management program.

Each guest room in The Gathering Place is named after an area of study—"Missouri History" on the main floor, "Literature," "Textiles" and "Wildlife Conservation" on the second floor, and "Chemistry" on the third. The rooms are furnished with typical Missouri and American antiques and feature walnut, Missouri's premium native wood. Original artwork, both antique and current, hangs throughout the house.

To learn more about The Gathering Place, go to gatheringplacebedandbreakfast.com (<http://gatheringplacebedandbreakfast.com>).

— Linda Geist

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Researcher develops cancer treatment that could have no side effects on humans



HONOR M. Frederick Hawthorne — director of the MU International Institute of Nano and Molecular Medicine, and Curators Distinguished Professor of Chemistry and Radiology — received the National Medal of Science Feb. 1 in Washington, D.C. Hawthorne is also a member of the National Academy of Sciences. Photo courtesy of MU News Bureau.

INTERNATIONAL INSTITUTE OF NANO AND MOLECULAR MEDICINE

The university is seeking funding to develop the therapy

An MU researcher has developed a radiation therapy that causes cancer remission in mice without any discernible side effects. Plans at MU are to begin clinical trials on human patients once funding is obtained and infrastructure built.

M. Frederick Hawthorne — director of the MU International Institute of Nano and Molecular Medicine, and Curators Distinguished Professor of Chemistry and Radiology — said the treatment could eliminate much of the need for chemotherapy and radiation cancer therapies, both of which have dramatic side effects.

Hawthorne's coauthored paper on the process was published Feb. 27 in the online journal *Proceedings of the National Academy of Sciences*. He is one of four current MU faculty who are members of the National Academy of Sciences.

Once funds are obtained to build facilities and buy the necessary medical equipment, "MU will have the first radiation therapy of this kind in the world," Hawthorne said.

Hawthorne and his team developed the technique called Boron Neutron Capture Therapy (BNCT). Cancer cells are injected with boron. Neutrons, courtesy of the MU Research Reactor, batter the cancer cells and are absorbed by the boron. The chemical

reaction kills the cancer cells. The therapy might be in hospital clinics in five years, Hawthorne said.

The technique may also be used to treat arthritis, heart disease, Alzheimer's and a wider variety of cancers, he said.

Hawthorne joined MU in 2006 after years as a researcher at the University of California–Los Angeles. He received Feb. 1 from President Barack Obama in Washington, D.C., the National Medal of Science, the nation's highest honor for American scientists.

MU's International Institute of Nano and Molecular Medicine was created largely to facilitate Hawthorne's research. Besides studies on boron, the institute focuses on applications of nanotechnology in medicine, engineering microscopic motors, inventing methods to store hydrogen fuel and designing materials to store energy.

Hawthorne said the discovery was possible only at MU because of the university's interdisciplinary approach in science and engineering, the strength of its biomedicine departments and the Research Reactor, the only of its kind at an American university.

"This combination is unique," Hawthorne said.

CORRECTION: "Neutron" was spelled incorrectly in a previous version of this story. — The Editor

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Get your finances in order

If you've been putting off addressing your finances, now might be the time to take action.

The Personal Finance Symposium is 9:30 a.m.–3:30 p.m. April 17 in Reynolds Alumni Center. The theme is “Sustainable Family Finance.”

The main topics covered are how to save money, choosing insurance needs and the future of the American economy.

Cost including lunch is \$30 per person.

For more information and to register, call Amy Sanders at 884-5958, or email sandersal@missouri.edu.

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Big sale in Tate Hall

Browse through a bevy of books, DVDs and CDs 9 a.m.–2 p.m. April 17 at 22 Tate Hall. Books include literary criticism, fiction, nonfiction and textbooks. Most items are priced below \$5.

Students and faculty of the English department donated the items.

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Sustainability Week

Mizzou Sustainability Week is next week, kicking off with a rally 12–2 p.m. April 15 on Lowry Mall. For the full slate of events, visit the [“Mizzou Sustainability Week”](http://www.facebook.com/pages/Mizzou-Sustainability-Week/451793291560850) (<http://www.facebook.com/pages/Mizzou-Sustainability-Week/451793291560850>) Facebook page. Events include a bike parade, ecofeminism discussion, engineers workshop and crafts display.

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Lawn mower tune-up

Get your lawn mower tuned up for \$35 in the courtyard of the Agricultural Engineering Building.

Drop off today 4–6 p.m. or Friday, 7–9 a.m. or 4–6 p.m. Pick up Monday

7–9 a.m. or 4–6 p.m., or Tuesday 7–9 a.m. or 4–6 p.m.

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