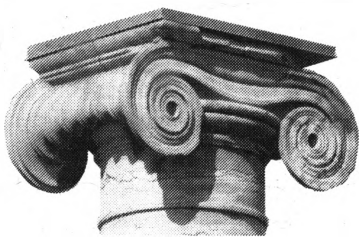


Mizzou Weekly

Another dimension
College of Education lab uses computers to make 3-D models
Page 2



Nelly Don
State Historical Society clothing show a tribute to late Kansas City businesswoman
Page 3

Diversity on campus
Chief diversity officer talks about her job
Page 5

March 7, 2013
University of Missouri
mizzouweekly.missouri.edu



Photo by Rachel Coward

GETTING FIT Nani Fudge, office supervisor of the ID Office, is one of about 300 MU wellness ambassadors. She teaches a lunchtime strengthening course.

MU wellness ambassadors celebrate a health-conscious campus culture

HEALTHY FOR LIFE
Forty percent of MU wellness participants need more exercise

Healthy for Life, the University of Missouri System wellness program for faculty and staff, celebrated Mizzou's wellness culture Feb. 28. Some of the more than 300 campus and hospital wellness ambassadors attended.

At the event, held in the Adams Conference Center in the Veterinary Medicine Building,

the Culture of Health Council Initiative was unveiled.

The initiative focuses on developing a number of health incentives in the workplace, provided supervisor's approval in advance. Some of the areas involve educating employees about healthy food; a work schedule that encourages employees to exercise; creating better workplace technology and ergonomics so people aren't sitting so much of the day; and tips on balancing work and exercise.

Within each of these areas,

specific programs will be put in place to help create a healthier work environment. "The ultimate goal is to create a healthy and vibrant workplace," said Laura Schopp, director of Healthy for Life. "Work can become a setting that helps our health instead of compromising it."

In April, Healthy for Life leaders will present the initiatives to UM President Tim Wolfe in a final form. The initiatives will then be scheduled for implementation.

During the reception, Schopp
SEE Wellness on Page 2

Faculty Council discusses ins and outs of possible shared authority of budget

FACULTY DISCUSSIONS
MU course evaluation forms get first redesign in 25 years

Faculty Council had a full agenda for its Feb. 28 meeting in Memorial Union, discussing snow days, new course evaluations and shared authority of the MU budget.

The MU Collected Rules and Regulations allows for two snow days during spring semester that don't have to be made up, Faculty Chair Harry Tyrer said.

So far this year, the university has closed Feb. 21 at 1 p.m., Feb. 22 and Feb. 26. Council voted to count Feb. 21 as a full day of classes, reducing closed days to two and satisfying the collected rules.

If another snow day occurs this semester, Reading Day on May 10 is an option as a make-up class day, said Nicole Monnier, associate teaching professor of German and Russian studies and chair of the Academic Committee.

Also on the agenda was a discussion of the proposed revisions

to the Student Evaluation of Instruction and Course, prepared by MU's Assessment Resource Center.

The main form would be used by graduate and undergraduate students to evaluate teachers. A second form would enable teachers to include questions specific to a course. Forms will be available on paper and electronically, said Jim Spain, vice provost for undergraduate studies.

"This will give us a better tool [for evaluation] than we've had in 25 years," Spain said.

The final form versions need to be completed by June.

The meeting ended with a discussion of possible shared authority of MU's fiscal budget. In the past, council has played an advisory role, which Tyrer has said amounts to budget leaders briefing council on the budget. Some council members are clamoring for a larger role in budget decisions.

Sudarshan Loyalka, Curators Professor of Nuclear Engineering and chair of Fiscal Affairs, said members must create "a hybrid of advisory and shared authority" for the collected rules.

This proposal met with some

pushback. Douglas Wakefield, director of the Center for Health Care Quality, said Loyalka's hybrid is like saying "I'm pregnant, no I'm not pregnant." You can't have both advisory and shared authority, he said.

Rebecca Johnson, director of the Research Center for Human-Animal Interaction, said council needs to agree on a definition of "shared authority."

Some members wondered if council would need budget training to understand the fiscal issues before receiving shared authority.

Faculty Council's next meeting is March 14.

Join us FOR OUR **GRAND OPENING**

Tuesday, March 19
4 to 6 p.m.

University Hospital,
Columbia, Mo.

**WE'RE TAKING
WORLD CLASS CARE
TO A NEW LEVEL.**

Health Care

University of Missouri Health System

Taking world class care to a new level.

Tours and refreshments provided. Parking will be available in the adjacent Patient and Visitor Parking Garage.



March history madness

March is Women's History Month, and this year's theme is "Women Inspiring Innovation Through Imagination."

Mizzou is celebrating with a variety of events, including movie nights, the annual Women in the Arts show and lunchtime seminars.

For a complete calendar of Women's History Month events, visit whm.missouri.edu and click on the tab Events.

Women's health event

The Women's Health & Wellness Gathering will be held 11 a.m.-1:30 p.m. March 12 in Memorial Union's Stotler Lounge.

More than 30 campus and community organizations will have booths to present health information. The event is free and open to MU students and employees.

For more information, contact Jordan Hoyt at 884-4705, or email hoytj@missouri.edu.

Recycling through March

Recyclemania is a waste recycle competition through March 30 between 600 universities and colleges. The purpose is to spread awareness and recycle the most waste per capita, according to the MU Office of Sustainability.

Mizzou recycles cardboard, paper, plastic bottles, aluminum cans and glass. For more information, visit sustainability.missouri.edu.

Attention nonbelievers and the curious

SASHA, which stands for Skeptics, Agnostics, Secularists, Humanists and Atheists, will host a panel discussion called "Atheism 101."

The panel will discuss nonbelief today at noon in the Multicultural Center. Free pizza will be provided.

Engagement awards

The 2013 MU International Engagement Awards will be held 4-5 p.m. April 26 in Monsanto Auditorium at the Christopher S. Bond Life Sciences Center.

The event will celebrate internationalization with a keynote address, panel discussion and an awards presentation.

RSVP by emailing millereliz@missouri.edu.

Wellness from Page 1

discussed an existing Healthy for Life program called the Wellness Incentive. The incentive offers three easy steps to earn \$100 in a tax-favored account to use for medical expenses in the 2013 Benefit Plan year.

Employees can (1) create the online personal health assessment by April 30 by starting at healthyforlife.umsystem.edu; (2) track 240 minutes of physical activity on their online personal health assessment chart; and (3) schedule a free health screening. Upcoming free screenings are 8 a.m.-12 p.m. March 13 in the KC/St. Louis Room in the MU Student Center, and March 14 in the lobby of Jesse Hall Auditorium.

At the three other UM System campuses, participation in the incentive program averaged 28 percent, while MU's was at 30 percent of 19,000 benefit-eligible employees, Schopp said.

Survey data of MU faculty

and staff wellness members showed the following:

- Forty-six percent are overweight. While high, it's less than Missouri residents' average of 60 percent overweight.
- Forty percent are inactive, meaning they do not meet the recommended standard of 30 minutes of moderate activity 5 days a week.
- Thirty percent are being treated for high blood pressure.

Being overweight and inactive places people at risk for developing chronic health problems, such as coronary heart disease, various cancers, type 2 diabetes and hypertension.

Lindsey Pitts, a senior computing support specialist in Accounting Services, encourages her coworkers to get out of their chairs and move.

"It makes you more productive in your work if you take a break," Pitts said in an interview. "Even

if it's just a five-minute break."

Accounting Services has three sit-stand workstations, which are fitted with technology to raise and lower desk and computer. While working at one of the workstations, Pitts alternates between standing for two hours and sitting for two hours.

The sit-stand workstations are rotated every three months to various Accounting Services employees. The desks have been in the office for about a year, but not everyone is a fan. "Some people tried it and it's not for them," Pitts said. "But for the most part, people who do use one do enjoy it."

Pitts contributes to the campus health culture by bringing healthy snacks to the office. She is also considering starting a walking group in the spring.

Nani Fudge, an office supervisor in the ID Office, teaches a core conditioning and strengthening class during the lunch hour. She



Photo by Rob Hill

ANNOUNCEMENT Kim Dude, director of the Wellness Resource Center, and Curator Emeritus Tom Atkins, who helped establish the wellness program, share a moment Feb. 28 at the Adams Conference Center.

encourages employees to walk rather than sit during breaks.

"It's always a good idea to move," Fudge said in an interview. "We really weren't

made to sit all the time."

Several women who have taken Fudge's class said the endurance gained helped them to shovel their driveways after recent snowstorms. "They didn't tire as easily and had more energy," Fudge said.

Fudge teaches "Lunchtime-Me Time Strength Conditioning" 12:15-12:45 p.m. Mondays and Wednesdays, 4G41 Ellis Library. No registration required. Drop-ins OK. Each class costs \$1, which is donated to The Food Bank. For more information, email fudgek@missouri.edu.



Photo by Rachel Coward

WATER COOLER OLYMPICS Lindsey Pitts, left, a senior computing support specialist, and Jen Green, a lead accountant, take part in the Water Cooler Relay in Accounting Services in Jesse Hall. Pitts, an MU Healthy for Life wellness ambassador, encourages coworkers to make moving fun.

MizzouWeekly

Volume 34 No 22
mizzouweekly.missouri.edu

A publication for the faculty and staff of the University of Missouri, published every Thursday during the academic year and twice a month during the summer by Publications and Alumni Communication, a department of University Affairs, 407 Reynolds Alumni Center, 882-7357. News deadline is noon Thursdays.

- Editor** Mark Barna
- Advertising** Tony Billmeyer, Scott Reeter
- Designer** Rebecca Fels
- Photographers** Rachel Coward, Rob Hill, Nicholas Benner
- Writer** Ashley Carman



Photo by Rachel Coward

DRESSING FOR HOUSE AND WORK The Donnelly Garment Co., founded by Ellen Quinlan Donnelly Reed, was worth \$3.5 million by 1931. About 20 dresses covering a 50-year span are on display.

Nelly Don clothing show offers a time capsule to a bygone America

STATE HISTORICAL SOCIETY

Kansas City was the Midwest capital of clothing design

In the early 20th century, a Midwest housewife wanted something better to wear than the frumpy Mother Hubbard-style outfits of the day. So in 1919 she formed a clothing company. Twelve years later, Donnelly Garment Co. in Kansas City, Mo., was worth \$3.5 million and employed 1,000 workers.

The story of Ellen Quinlan Donnelly Reed, who lived in the Kansas City area her entire life, is one of the great American stories of female entrepreneurship. Samples of her dresses are on display through May 18 in the State Historical Society's main gallery in Ellis Library.

Along with about 20 dresses, the "Nelly Don: Self Made, Ready-Made" show features explanatory wall text and dozens of photos and illustrations on how Reed created the outfits, the trajectory of her company and her legacy.

"She wanted to make dresses from home to work," said Nicole Johnson, historic costume collection manager in the Department of Textile

and Apparel Management.

At the time, inexpensive women's apparel tended to be unflattering and plain. In 1916, Reed decided to do something about it. She made dresses derivative of the shirt-and-waist style with open collars, no collars, round necks and sometimes with lace.

The dollar dresses, though more expensive than what was widely available, found a niche with housewives and working women. They were flattering yet could also fit various body types. They were durable with flair.

Money saved by using cotton fabric and avoiding zippers was directed toward giving the outfits personality. In the "Nelly Don" show, a series of 1940s and '50s dresses have polka dots and other designs. Some have fringed bows at the neck. A dress made during World War II has military buttons adorned with an eagle and service stripes.

Besides being a designer, Reed was a progressive business woman in that she offered employees generous benefits. Donnelly Garment Co. provided an employee pension plan, health care coverage, life insurance

benefits and a company recreation center, according to an article by Kimberly Harper posted on the State Historical Society's website.

In America at the time, New York, Philadelphia and New Jersey were the major clothes designing hubs. But Kansas City also had its appeal, as it offered lower business costs, lower cost of living and plenty of laborers, said Laurel Wilson, professor emerita of Textile and Apparel Management. The success of Donnelly caused a migration of designers to the Midwest city.

The golden age of Donnelly Garment was the two decades after World War II. TV comedies from the 1950s such as "I Love Lucy" and "Leave It to Beaver" sometimes showed women wearing Donnelly attire.

With the company at its peak, Reed in 1956 sold her interest and retired. She died in 1991 at the age 101.

The new owners of Reed's company renamed it Nelly Don Inc. But by 1978, Nelly Don was bankrupt.

Wilson said several factors led to the company's downfall. One of the problems was that, by the 1970s, more American clothes

companies were outsourcing work, enabling them to cut their prices well below those of Nelly Don. The new owners also weren't as savvy as Reed in design and understanding what women want.

Items popular in America more than 50 years ago tend to take on Americana charm. Reed's clothing certainly has. But the dresses also go beyond being dusty museum pieces.

Last week, students in Textile and Apparel Management helped set up the "Nelly Don" show. The women said they would wear the dresses.

Well, most of them.

The colorful dresses with open collars post-World War II received thumbs up. The dark high-collared dresses of the 1930s Depression received fixed stares.



Photo by Rachel Coward

GETTING IT RIGHT Nicole Johnson, left, and Laurel Wilson prepare dresses for the "Nelly Don" show in the State Historical Society in Ellis Library.

calendar



Concerts & Plays

Friday, March 8

UNIVERSITY CONCERT
SERIES: Missouri Contemporary Ballet and the Island Moving Company collaborate to bring an exciting and edgy spring ballet performance. The event will begin at 8 p.m. at the Missouri Theatre. Additional performances will begin at 2 and 8 p.m. on Saturday, March 9. For ticket information, call 882-3781.

Monday, March 11

UNIVERSITY CONCERT
SERIES: The Chancellor's Concert is a showcase of the MU School of Music's top ensembles, and features the world premiere of the 2013 Sinequifield Prizewinning composition. The event will begin at 7:30 p.m. at

the Missouri Theatre. For ticket information, call 882-3781.

Tuesday, March 12

UNIVERSITY CONCERT
SERIES: Vilde Frang, one of the leading young violinists of her generation, will perform with Michail Lifits, noted pianist. The event will begin at 7 p.m. at the Missouri Theatre. For ticket information, call 882-3781.

Thursday, March 14

"WE ALWAYS SWING" JAZZ
SERIES: The Joe Locke-Geoffrey Keezer Group, with the MU Concert Jazz Band will perform at 7 p.m. at the Missouri Theatre. Tickets are available through Ticketmaster or by calling 449-3001.

UNIVERSITY THEATRE

SERIES: "True West" by Sam Shepard will show at 7:30 p.m.

today through March 16 in the Corner Playhouse. For ticket information call 882-7529.

Friday, March 15

UNIVERSITY CONCERT
SERIES: Joan Rivers — internationally renowned comedienne, talk show host, actress and author — will perform at 7 p.m. at the Missouri Theatre. For ticket information, call 882-3781.

Courses & Workshops

Thursday, March 7

COMPUTER TRAINING:
 • "Dreamweaver CS5 1: Getting Started, Images & Links" will be offered at 1 p.m. in N3 Memorial Union. Registration is required online at training.missouri.edu or call 882-5000.

Tuesday, March 12

COMPUTER TRAINING:
 • "Intro to HTML5 & CSS" will be offered at 8:30 a.m. in N3 Memorial Union.
 • "Webinar — iPad Apps for

Taking Notes" will be offered at noon at doit.missouri.edu/training/webinar.

- "Photoshop CS5: Retouching" will be offered at 1 p.m. in N3 Memorial Union.
- "Access 2010: Forms & Reports" will be offered at 1 p.m. in 4D11 East Ellis Library. Registration is required online at training.missouri.edu or call 882-5000.

Wednesday, March 13

COMPUTER TRAINING:
 • "InDesign CS5 1: Intro & Basic Documents" will be offered at 1 p.m. in N3 Memorial Union.
 • "Excel 2010: Formatting & Printing" will be offered at 1 p.m. in 4D11 East Ellis Library. Registration is required online at training.missouri.edu or call 882-5000.

Thursday, March 14

COMPUTER TRAINING:
 • "HTML5 & CSS: Links, Graphics & Structure" will be offered at 8:30 a.m. in N3 Memorial Union.
 • "Dreamweaver CS5 2: Intro to CSS" will be offered at 1 p.m. in N3 Memorial Union. Registration is required online at training.missouri.edu or call 882-5000.

Exhibits

BINGHAM GALLERY: An undergraduate juried exhibition showcasing selected work by current students will be on display through March 21. The gallery, located in the Fine Arts Building, is open 8 a.m.-5 p.m. weekdays.

MUSEUM OF ART AND ARCHAEOLOGY:

- "Rolando Estevez and the Genius of Vigia" will be on display through March 17.
- "Sites of Experience: Keith Crown and the Landscape of New Mexico" will be on display through May 19. The museum, located in Pickard Hall, is open 9 a.m.-4 p.m. Tuesday-Friday, 9 a.m.-8 p.m. Thursday, and noon-4 p.m. Saturday and Sunday.

STATE HISTORICAL SOCIETY:

- "Nelly Don: Self-Made, Ready Made," a collaboration with the Missouri Historic Costume & Textile Collection, will be on display through May 18. See Page 3 story.
- "Money, Mail and Memoria: Ephemera of the Civil War Era" will be on display through Aug. 31.

Gallery hours are 8 a.m.-4:45 p.m. Monday-Friday, and 8 a.m.-3:30 p.m. Saturday.

Lectures & Seminars

Saturday, March 9

SATURDAY MORNING SCIENCE: Douglas Randall, professor of biochemistry, will present "What Can Be Learned in a Frozen Wilderness?" at 10:30 a.m. in Monsanto Auditorium.

STATE HISTORICAL SOCIETY:

Joan Stack, curator of art collections, will give a walk-through talk of the exhibit "Money, Mail and Memoria: Ephemera of the Civil War Era" at 1:30 p.m. in the Columbia Research Center.

Tuesday, March 12

21st CENTURY CORPS OF DISCOVERY LECTURE: Frank O. Bowman III, professor of law, will present "Homicidal History: Shootings, Stabbings, Lynchings, Melees, Massacres and the Legacy of the Civil War in Modern Missouri" at 3:30 p.m. in the Reynolds Alumni Center Ballroom. A reception will follow. See Page 7 story.

FOOD FOR THE 21st CENTURY SEMINAR:

Heather McCaig, from NASA's jet propulsion laboratory, will present at 4 p.m. in 104 Ag Engineering Building.

LIFE SCIENCES & SOCIETY PROGRAM:

Napoleon Chagnon, professor of anthropology, will discuss and sign his book *Noble Savages: My Life Among Two Dangerous Tribes — the Yanomamo and the Anthropologists* at 5 p.m. in Monsanto Auditorium.

Wednesday, March 13

CHANCELLOR'S DIVERSITY INITIATIVE: Doon Pil Yoon, associate professor of social work, will present "Spiritual and Religious Dimensions of Health Care Research" at noon. in S110 Memorial Union.

Thursday, March 14

DISTINGUISHED LECTURE SERIES IN PSYCHOLOGY: Hazel Markus, Davis-Brack professor of behavioral sciences at Stanford University, will present "Our Cultures, Our Selves: The Sources of Belongingness" at 3:30 p.m. in Memorial Union's Jesse Wrench Auditorium.

SEE Calendar on Page 7

21st Century Corps of Discovery Lecture

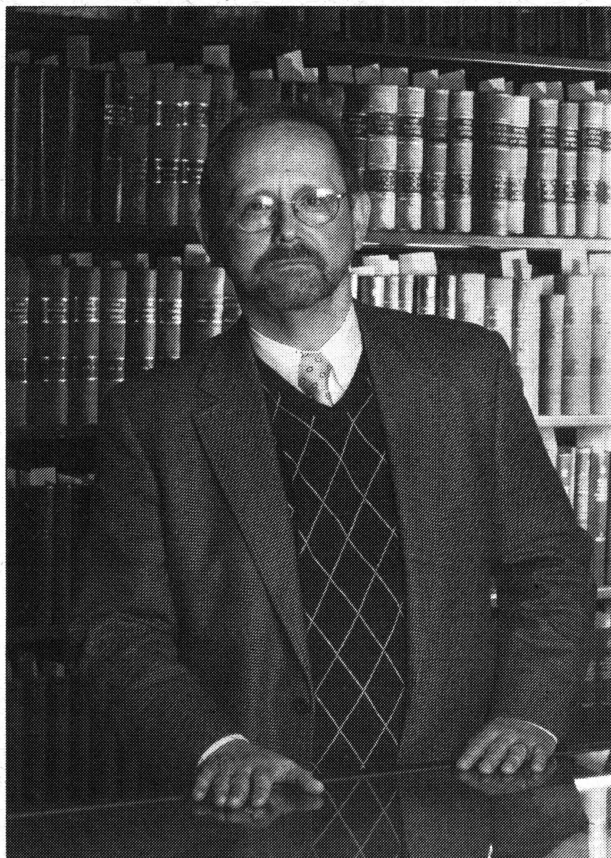
"Homicidal History: Shootings, Stabbings, Lynchings, Melees, Massacres and the Legacy of the Civil War in Modern Missouri"

Featuring

Frank O. Bowman III
 Floyd R. Gibson Missouri
 Endowed Professor of Law

Recognized as one of the nation's top experts in criminal justice policy, Professor Bowman's research extends to crimes of the past.

He will speak about the social and legal history of the Civil War period in Boone County, Mo.



Tuesday, March 12, 3:30 p.m.
 Reynolds Alumni Center Ballroom
 Reception to follow in the Great Room

chancellor.missouri.edu/discovery



This free event is sponsored by the Chancellor's Office with support from University Affairs.

classifieds

TAX PREPARATION

MU graduate with large university employee clientele will assist you with your income taxes. Evening appointments also available. 573-442-7856

For a limited time, and while space allows, classified ads are FREE for MU faculty, staff and retirees, and \$9 for the general public, for up to a 30-word line ad.

• Home phone number or e-mail address required.

* Deadline: Noon Thursdays.

* No refund for cancelled ads.

To submit ad, call 884-1278 or email mizzouweekly@missouri.edu

Azizan-Gardner embraces her role as the university's chief diversity officer

EMBRACING DIFFERENCES

Campus schools, colleges and groups contribute to diversity programs

Mizzou is home to various ethnicities, races, religions and sexual orientations.

Does it matter? Yes. Diversity makes MU better. Being a salad bowl of variations gives the campus a competitive advantage, said Noor Azizan-Gardner, appointed MU's chief diversity officer last November. "We come up with better solutions when we have people from different backgrounds. Alike people can be unaware of some issues."

Mizzou celebrates diversity through the Chancellor's Diversity Initiative (CDI), established in 2006. CDI offers an engaging selection of programs and activities, including the bi-annual Mizzou Diversity Summit.

"We realize we are all dealing with human beings with needs, and all of us are working to find more meaning in our lives," said Azizan-Gardner, who has worked with intercultural issues in the United States and Europe for nearly 20 years.

Azizan-Gardner develops understanding among people and builds community. She advocates for multiculturalism by guiding the direction of Mizzou's welcoming campus.

Bias toward people because of race or cultural differences is a breakdown of respect and civility. It can tear the fabric of a community and is not tolerated on

campus. In February 2011, Mizzou officials investigated and resolved an incident of a student arrested for spray painting racist graffiti on a campus statue. In February 2010, officials dealt with a vandalism incident in which students scattered cotton balls on the lawn of the Black Culture Center.

"Even one or two high-profile incidents indicate there's still work to be done," Azizan-Gardner said.

In 2012, Mizzou handled more than 40 reports of alleged bias incidents. To the extent possible, they were promptly investigated and resolved.

In the past, people didn't necessarily report bias on campus, so the CDI team simplified the reporting process. People with concerns can fill out online forms, or meet with Equity Office Director Noel English, who handles discrimination cases. If a faculty member alleges discrimination, an investigation proceeds through a process outlined in the University of Missouri Collected Rules and Regulations.

"The point is there's somebody to hear you and care about you," Azizan-Gardner said.

Responding to need

Azizan-Gardner was born in Malaysia to Malayo-Polynesian-Chinese parents. Her father's job required several moves to different countries, which taught Azizan-Gardner how to get along in various cultures and with different ethnicities. Her girlhood experiences laid the groundwork for her leadership role at MU.



Photo by Shane Epping

EQUALITY Noor Azizan-Gardner, MU's chief diversity officer, began working in diversity at MU in 1999.

Mizzou's diversity initiative for students and faculty began two decades ago, with an academic program of training sessions and classes called MU to the Future. Azizan-Gardner took over the coordination of campus diversity in 1999.

In 2006, Deputy Chancellor Michael Middleton expanded the program beyond academics to students' extracurricular activities and staff members.

"It was a brilliant move of inclusiveness because staff make a university run," Azizan-Gardner said. "Now we are there for everybody: faculty, staff and students. Being

that inclusive is critical."

MU deans, who set the campus tone, work closely with Azizan-Gardner. She's proud of the steps deans at the schools and colleges have taken toward multiculturalism.

The Trulaske College of Business teaches students a global mindset. Business faculty members developed Root Map Learning in a public-private partnership with Ernst & Young. The activities facilitate discussions to help undergraduate students understand the importance of thinking globally as part of their professional development, with the corollary of working closely with various ethnicities.

"I don't think any other college has anything like it," Azizan-Gardner said.

In the School of Medicine, Dean Robert Churchill, who retired last October, was the inaugural speaker of MU's

Leadership Diversity Lecture Series in November 2011. Churchill said then that the medical school had not delivered appropriate training to prepare doctors for LGBT issues. The school now incorporates LGBT issues into its curriculum.

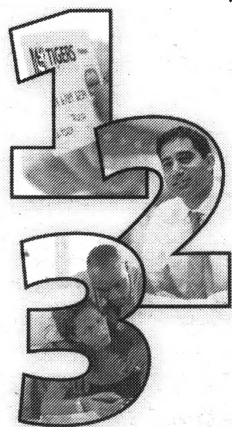
Measuring success

Part of the diversity plan is reaching out to students who might not contemplate a college education.

As part of the Missouri College Advising Corps, a handful of recent Mizzou graduates regularly go into Missouri high schools to advise students about college. "We do this because it is part of our core mission of providing a world-class education for the citizens of Missouri in an increasingly complex and complicated world," Azizan-Gardner said.

— Nancy Moen

3 Ways to Get Out of Debt



Transfer

Get one of our credit cards and enjoy **0% APR** on balance transfers for six months* — rates range from 9.9% to 22.9% APR after that.

Consolidate

Consolidate your debt into one, low monthly payment with a home equity line of credit and realize potential tax benefits* or use your car's equity.

Refinance

Refinance a car loan, home equity line of credit or mortgage with us at a lower rate or different term and save hundreds, even thousands.

Tell us your story! If you are in a financial bind, ask about our Listening & Lending Solution and we'll help you transfer, consolidate or refinance your way out of debt. Apply online, call Member Services or stop by our branch today!



TIGERS
CREDIT UNION

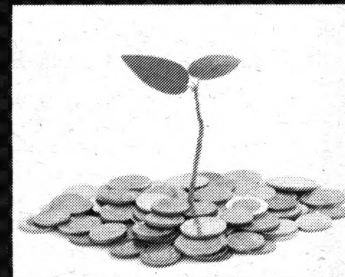
N17 Memorial Student Union, Lower Level
Columbia, MO 65211 • tigerscu.org
573.443.8462 or 888.673.2844

*APR — Annual Percentage Rate. Rates, terms and conditions may vary based on creditworthiness, qualifications, and collateral conditions and are subject to change. Balance transfer and cash advance fees are \$5.00 or 2.00% of the transferred or advanced amount, whichever is greater. Foreign transaction fee is 1.00% of each transaction in U.S. dollars. Applicants under 21 years of age must show proof of independent means of repaying the card or have an approved cosigner over 21 years of age. All loans are subject to approval. See tax advisor for tax deductibility on home equity products. Refinancing from other institutions only.

Federally insured by NCUA. Additional coverage up to \$250,000 provided by Excess Share Insurance Corporation, a licensed insurance company.



Professional Development Funds Now Available for MU Faculty!



Mizzou Advantage offers awards of up to \$2,000 for faculty interdisciplinary development. Grants available for regular and non-regular faculty to better position themselves within Mizzou Advantage's interdisciplinary areas.

For more information visit goo.gl/bDx18

College of Engineering lab creates 3-D models for university units

RAPID PROTOTYPING LAB

3-D printing has wide applications

Dog owners often think their canines are one-of-a-kind, unable to be duplicated. But that just isn't so, at least when it comes to body mass and computers.

At MU's College of Veterinary Medicine, oncologists are using 3-D computer-generated models of cancer-stricken dogs to test-run chemotherapy treatments.

The College of Engineering's Rapid Prototyping Lab allows users to build functional 3-D models. Engineering students and faculty use the lab's four prototype machines (better known as 3-D printers) to create inexpensive physical models. They are produced by laying down physical slices (generally plastic or gypsum) one layer

at a time until it is fabricated, from the bottom layer up.

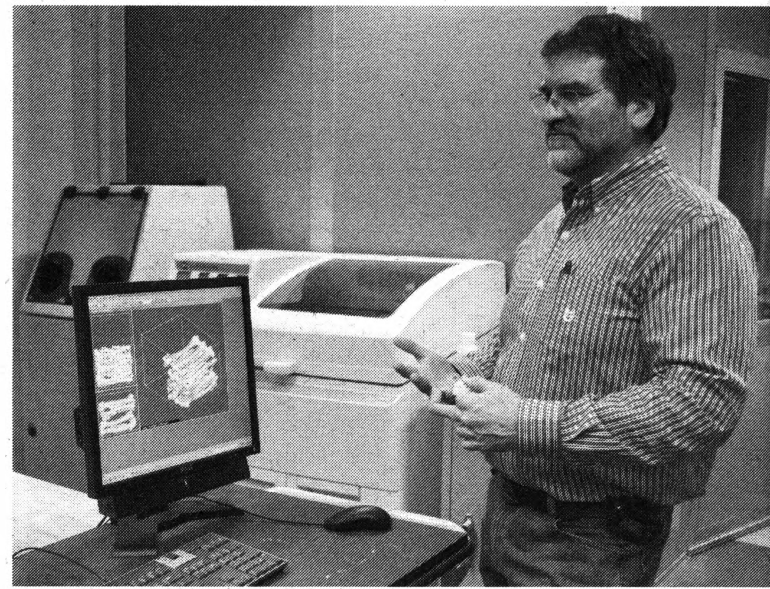
Having a life-sized physical model of a dog being treated allows veterinarians to experiment with different doses of radiation and note how much is absorbed into various tissues. This helps determine the lowest effective dose before treatment begins, saving the pooch from receiving more radiation than necessary.

According to Mike Klote, manager of the facility, the potential applications for 3-D printing are nearly endless, as the diversity of client requests illustrate. Among the many models made are that of a cattle breeding device, a prototype of an adjustable high-heeled shoe, and, for University Hospital and Clinics, human spinal replicas, a human aorta and a bronchial system, Klote said.

But it was the veterinary

applications that piqued the interest of oncologist Jeffrey Bryan after attending last fall a Mizzou Advantage One Health/One Medicine networking event. Soon after, the lab produced the first canine model — the head of a golden retriever with a cancerous tumor in its nose.

Using a CT scan of the Labrador retriever to get information about the exact density of skin, muscle and bone, the lab created a computer model of the dog's head. It used the information to create a virtual computer model of the tissues. The file was sent to the prototyping machine, similar to how a Word document would be sent to a standard inkjet printer. Instead of printing letters on a page, however, the prototyping machine prints thin layers, one on top of the other, to create a physical model.



Courtesy of MU News

3-D PRINTING Mike Klote, manager of the Rapid Prototyping Lab, said the applications for 3-D printing are nearly endless, as the diversity of client requests indicate, including from the College of Veterinary Medicine.

"The therapeutic capabilities and the materials they use," Bryan are really phenomenal, both in the said. "It's an amazing process." types of shapes they can make — Tara Ballenger

Need Attention?

Advertise your campus organization or event with

MizzouWeekly

Mizzou Weekly offers affordable advertising options in both print and online editions. The weekly print circulation exceeds 9,500 and the Mizzou Weekly website receives more than 5,000 unique visitors per month. Combine and save!

Contact Tony Billmeyer at 884-1278 or mizzouweekly@missouri.edu

★Mizzou is a Sustainability Rockstar!★

Join Us For The
2013 Campus Master Plan & Sustainability Plan
 Open Forum

1:30 p.m., March 12th
 Columns D&E,
 Reynolds Alumni Center

For more information on Mizzou's Master Plan,
www.masterplan.missouri.edu



Online Course Review

Sometimes, a fresh pair of eyes—or in this case, three pairs—can make life easier. ET@MO offers a quality course review service that provides structured, constructive feedback for any course instructor who wants it.

Friday, March 15, 2013 from 12:00 PM - 1:00PM
 2205 A&B Student Center

Mizzou Weekly Calendar



E-mail your event information to mizzouweeklycalendar@missouri.edu by noon Thursday the week before publication. Events are free and open to the public unless otherwise noted.

★Princeton Review's Guide to Green Colleges

Calendar from Page 4

ARCHAEOLOGICAL INSTITUTE OF AMERICA LECTURE: Marcus Rautman, Elizabeth Raubolt and Lauren DiSalvo, department of art history and archaeology, will present "Three Lessons in Roman Sardis" at 5:30 p.m. in 106 Pickard Hall. The lecture is preceded by a reception at 5 p.m.

Friday, March 15
ELEARNING BROWN BAG SERIES: Hear lessons learned from experienced instructors about moving an academic program online in "Online Program Planning: The First Years." Arrive at 11:30 a.m. to enjoy your lunch. The presentation begins at noon in 2205 A&B Student Center.

MITCHELL ROSENHOLTS, M.D. LECTURESHIP: Barbara Natterson-Horowitz, MD, and Kathryn Bowers, present "Zoobiquity: What the Flamingo's Heart Attack, the Dolphin's Diabetes and the Koala's Chlamydia Mean for Human Health" at 5:30 p.m. in the Columns Ballroom in Reynolds Alumni Center, followed by reception and book signing.

Saturday, March 16
SATURDAY MORNING SCIENCE: Charmaine Royal, associate research professor in the Institute for Genome Sciences & Policy and of African and African American studies at Duke University, will present "LSSP: Claiming Kin" at 10:30 a.m. in Monsanto Auditorium.

Films

Thursday, March 7
MUSEUM OF ART & ARCHAEOLOGY: *Project Nim* will be shown at 5:30 p.m. at Ragtag Cinema, followed by a discussion led by Libby Cowgill, assistant professor of anthropology. The showing is free and open to the public.

Saturday, March 16
STATE HISTORICAL SOCIETY: *A Stitch in Time: Spring 1941 Fashion*, a documentary on Ellen Quinlan Donnelly Reed's dresses and Kansas City clothing business, will screen at 1 p.m. in Ellis Auditorium in Ellis Library. See story on the State Historical Society's gallery show of Reed's clothing on Page 3.

Special Events

WELLNESS PROGRAM: Free health screenings are available for faculty and staff as part of the Healthy for Life wellness incentive program. Available this week:

- Friday, March 8: 8-11 a.m. at University Hospital, School of Medicine, MA223
- Wednesday, March 13: 8 a.m.-noon in Student Center, KC/St. Louis Room
- Thursday, March 14: 8 a.m.-noon in Memorial Union, Stotler Lounge
- Friday, March 15: 8-11 a.m. at University Hospital, School of Medicine, MA223

For more information on the program, visit umsystem.edu/curators/wellness.

Friday, March 15
MU LIFE SCIENCES & SOCIETY SYMPOSIUM: The ninth annual symposium, entitled "Claiming Kin" will explore the evolution of kin groups and evolving notions of kinship. The event will continue through March 17. For an event schedule and registration info, visit lssp.missouri.edu/claimingkin.

MUSEUM OF ART & ARCHAEOLOGY: The annual Art in Bloom spring festival combines the beauty of fine art with that of nature in bloom. The festival is open 7-9 p.m. March 15 and 9 a.m.-4 p.m. March 17.

Saturday, March 16
MUSEUM OF ART AND ARCHAEOLOGY: "Art in Bloom for Kids," is for people wanting to create their own artistic arrangements with real flowers, 1-3:30 p.m. in 106 Pickard Hall. Preregister by calling 882-9498.

MIZZOU WEEKLY CALENDAR

Promote your event, class or lecture. Email it to:

mizzouweeklycalendar@missouri.edu

Lecture Tuesday on Civil War homicides

HOMICIDAL HISTORY

Professor combines law and history in several projects

The 21st Century Corps of Discovery Lecture March 12 will feature Frank O. Bowman III, the Floyd R. Gibson Missouri Endowed Professor of Law.

His lecture's title is "Homicidal History: Shootings, Stabbings, Lynchings, Melees, Massacres and the Legacy of the Civil War in Modern Missouri."

Bowman will speak about the social and legal history of the Civil War period in Boone County, Mo., drawing from his recent study of murders tried in the area from 1850 to 1875.

Bowman is recognized as one of the nation's top experts in criminal justice policy. His research extends to crimes of the past. Throughout his career, Bowman has been interested in the origins of legal rules, especially those that respond to "extremes of individual misconduct or societal breakdown," he said. About five years ago, his curiosity expanded beyond contemporary criminal justice policy to the Civil War.

"Stories of the Civil War help explain the area's current social and political geography," Bowman said. "Missouri's history is singular in that it was a border slave state that remained in the Union, but was riven before, during and after the war with guerilla conflict and racial violence."

Bowman describes his professional life as one "lived at the intersection of law and violent or predatory human misbehavior." Before his more than two decades of legal scholarship, Bowman spent seventeen years as a trial lawyer.

"All good trial lawyers are practical social historians," Bowman said. "They want to know not only what the protagonists in a case did, but why they did it and how the history of the community from which the jurors are drawn will dispose them to see the matter."

Bowman has published more than 50 works, including his recent entry in the *Missouri Law Review*, "Getting Away with Murder (Most of the Time): Civil War Era Homicide Cases in Boone County, Mo."

"The moral ambiguities of history are especially rich here in mid-Missouri," he said. "The

deeper wisdom to be gained from a study of our own recent past comes from reflection on the fact that not very long ago in the place we now inhabit a great many otherwise decent, industrious, self-consciously virtuous people believed and did things we reject as irredeemably evil.

"That we believe this to be true ought to make us wonder which of our own certitudes another generation will consider monstrous," he continued.

To make his findings accessible to the public and to better understand what happened in central Missouri during the Civil War, Bowman has created a website entitled War and Reconciliation (warandreconciliation.com).

In addition to his scholarly endeavors, Bowman helps law students explore the intersection of law, history and theatre through the Historical and Theatrical Trial Society. Each year, students and faculty select a historical event that represents a potential legal cause but was never tried.

His lecture is at 3:30 p.m. Tuesday in Reynolds Alumni Center Ballroom. A reception will follow in the Great Room.

2012/2013 "We Always Swing"® Jazz Series

Two Great Concerts!

"We Always Swing"® Jazz Series in Association with MU School of Music
Presents
"Artists-in-Residence"

JOE LOCKE-GEOFFREY KEEZER GROUP
w/ MU CONCERT JAZZ BAND
ARTHUR WHITE, DIRECTOR



THURSDAY MAR 14 MISSOURI THEATER, 7PM
DOORS: 6:00 PM

Joe Locke, Vibraphone/Co-Leader
Geoffrey Keezer, Piano/Co-Leader
Mika Pope, Bass
Terreon Gully, Drums

"The special hook-up between vibraphonist Joe Locke and pianist Geoffrey Keezer is based on shared assets like chops, listening skills and a gift for communicating the joy of making music. [...] Locke/Keezer can make complex material sound suave and tricky time signatures flow." - Jazz Times

STUDENTS - Here's your chance to see great jazz for FREE!
Call or visit the Jazz Series Box Office to reserve your FREE Locke-Keezer Group tickets!

MEM Missouri Employers Mutual School of Music ORG ORGANIZATION OF REGISTERED GIG MUSICIANS TARGET

Don't Miss THE Concert of the Season!
An MU College of Arts & Science Special Event

MONTEREY JAZZ FESTIVAL ON TOUR

55th Anniversary Celebration

THURSDAY APR 18 MISSOURI THEATER, 7PM
DOORS: 6:00 PM

FEATURING

- ◆ Dee Dee Bridgewater (Vocals) ◆ Christian McBride (Bass & Musical Director) ◆
- ◆ Benny Green (Piano) ◆ Lewis Nash (Drums) ◆ Chris Potter (Saxophones) ◆
- ◆ Ambrose Akinmusire (trumpet) ◆

"The six world-renowned jazz musicians who make up the band certainly electrified the audience with a masterful performance that lasted more than two hours. If the goal of the band was to celebrate 55 years of jazz, it was clear by the end of the night that they succeeded." - Keren Rivas, Burlington (NC) Times-News

"...if ever there was an evening to grasp the opportunity to take in a collection of musicians at or still near the peaks of their respective careers in this genre, this was it. Everyone in attendance was treated to an often spell-binding display of virtuosity..." CSJW 90.9FM, Calgary, Alberta, Canada

College of Arts & Science Commerce Bank Gary Tallow Missouri Arts Council City of Columbia Office of Cultural Affairs

The Special Jazz Series Missouri Theatre Discount Package.

Purchase Tickets to BOTH Locke-Keezer & MJF 55th Concerts & Save!

Best Seats to BOTH Concerts: ONLY \$59
2nd Tier Seats to BOTH Concerts: Just \$48
[Discount Available through March 13 ONLY at Jazz Series Box Office • In-Person, by phone or Charge.]
Separate Admissions to each concert also available through the Jazz Series, on line or in person.]

"THE GREAT JAZZ SERIES EDUCATION RAFFLE"

The perfect opportunity to support jazz education!
Have you bought your tickets yet?
[ALL PROCEEDS: JAMES WILLIAMS JAZZ SERIES EDUCATION PROGRAM & SCHOLARSHIP FUND.]

TICKETS:
• \$10 Ea. • 3 for \$25 • 7 for \$50 •

Available at the Jazz Series Box Office [In person, Charge by Phone] & These Select Locations:
• Columbia Daily Tribune Murry's • Piano Distributors [Gerbes Shopping Ctr., W. Broadway] •
• The Bridge/Columbia Academy of Music [E. Walnut St.] •

RULES/REGULATIONS: Must be 18 or accompanied by an adult to purchase ticket(s) • Ticket purchases do not constitute a tax-deductible contribution • Jazz Series staff, board of directors and their families ineligible to win
• Drawing held April 30, 2013. • Do not have to be present to win.

COMING IN APRIL:
Jazz Appreciation Month!

TRIBUNE columbiatribune.com Mediacom the power to simplify CAFNR MBS Gregory H. Croll, M.D. KMSO MICK home. cat socket 89.5 KOPN

094820

THE GREAT THAW



Photo by Nicholas Benner

SLUSH AND PUDDLES After two large snow storms in February, resulting in three days of campus closures — Feb. 21, 22 and 26 — the MU community enjoyed a semblance of normalcy in early March. Instead of covering to whipping snow, people dodged slush and puddles, as shown in this March 1 photo of Lowry Mall.



Photo by Rachel Coward

ICICLE TREES Icicles hang from a tree outside Reynolds Alumni Center.

SNOW PILES People make their way on cleared sidewalks north of the MU Student Center.



Photo by Rachel Coward

University Libraries
University of Missouri

Digitization Information Page

Local identifier MizzouWeekly(print)

Source information

Format Newspaper
Content type Text with images
Source ID Duplicate copies University Archives weeded out
Notes

Capture information

Date captured July-December, 2022
Scanner manufacturer Plustek OpticBook
Scanner model A300 Plus
Scanning system software Book Pavilion
Optical resolution 600 dpi
Color settings 8 bit grayscale for majority of pages;
 24 bit color for color illustrations/portraits/photographs
File types tiff
Notes

Derivatives - Access copy

Compression Tiff: LZW compression
Editing software Adobe Photoshop 2022
Resolution 600 dpi
Color same as captured
File types pdf created from tiffs
Notes Images cropped, straightened, and brightened.