

Mizzou Weekly

March 20, 2014 Volume 35, No. 24


Teaching technology

The Excellence in Teaching with Technology awards recognizes staff, faculty and teaching assistants who use technologies effectively and demonstrate excellence in instruction at MU. Nominations will be taken through March 30.

Nominations will be accepted in the following categories:

- Undergraduate Teaching (1 award)
- Graduate & Professional Teaching (1 award)
- Staff Support (1 award)
- Graduate Instructor/Teaching Assistant (1 award)

For more information, visit etatmo.missouri.edu/programs/awards.php (<http://etatmo.missouri.edu/programs/awards.php>).

 **Interested in an MBA?**
CROSBY MBA
INFORMATIONAL WEBINAR
Wednesday, March 26
12 p.m. – 1 p.m.

March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Moving Day](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Mizzou, a leader in sustainability](#)
- [Funding for staff development](#)
- [Recyclemania](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail: MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](http://www.mizzou.edu). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly


March 20, 2014 Volume 35, No. 24

Recyclemania

MU is taking part in Recyclemania, a competition through March 29 involving 600 universities and colleges dedicated to minimizing waste and increasing recycling.

Help increase recycling participation and awareness throughout campus. Mizzou recycles cardboard, paper, plastic bottles, aluminum cans and glass.

Learn more at sustainability.missouri.edu (<http://sustainability.missouri.edu>).

 **Interested in an MBA?**
CROSBY MBA
INFORMATIONAL WEBINAR
Wednesday, March 26
12 p.m. – 1 p.m.

March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Moving Day](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Mizzou, a leader in sustainability](#)
- [Funding for staff development](#)
- [Teaching technology](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail: MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](http://www.missouri.edu). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly


March 20, 2014 Volume 35, No. 24

Funding for staff development

Trying to fund a conference or workshop? The Staff Development Award can help by assisting staff in personal and professional development.

Applications must be received by April 10 to be considered for the award announced May 5.

For more information on the award, visit staffcouncil.missouri.edu/awards/sdaward.html (<http://staffcouncil.missouri.edu/awards/sdaward.html>), or call Gina Scavone in the Staff Advisory Council office at 882-4269.

 **Interested in an MBA?**
CROSBY MBA
INFORMATIONAL WEBINAR
Wednesday, March 26
12 p.m. – 1 p.m.

March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Moving Day](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Mizzou, a leader in sustainability](#)
- [Recyclemania](#)
- [Teaching technology](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail: MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](http://www.mizzou.edu). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly

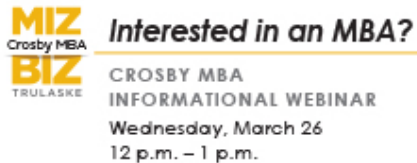
March 20, 2014 Volume 35, No. 24

Mizzou, a leader in sustainability

MU gave an update Monday on its 2014 Campus Master Plan & Climate Action Plan in Stotler Lounge. In previous years, the master plan and sustainability plan were updated separately. They were combined this year.

Since the last update in March 2013, MU has completed construction on seven buildings. It has 10 building projects in planning. MU has three buildings certified LEED, or Leadership in Energy and Environmental Design: Missouri Orthopaedic Institute, the Animal Resource Center and the MU Health Care Patient Tower.

Furthermore, eight LEED buildings are under construction, and other building renovation projects when complete will seek LEED certification. "MU has made a deliberate decision to integrate its sustainability goals with building renovation and open space improvements," said Linda Eastley of Sasaki Associates, a development firm that consults with MU on building and landscape development."



March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Moving Day](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Funding for staff development](#)
- [Recyclemania](#)
- [Teaching technology](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail: MizzouWeekly@missouri.edu

© 2021 — Curators of the University of Missouri. All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly

March 20, 2014 Volume 35, No. 24

Professor honored for decades of scholarship on turfgrass



Brad Fresenburg poses with last year's winner of the Dr. William Daniel Founders Award, Beth Guertal of Auburn University, at an association event in San Antonio. Photo courtesy of Brad Fresenburg.

Brad Fresenburg earned his advanced degrees at MU

Brad Fresenburg enjoys hunting, fishing and camping. He's also interested in American Civil War history. But his biggest interest is turfgrass.

In January, Fresenburg received the Dr. William Daniel Founders Award from Sports Turf Managers Association (STMA), an organization representing 2,600 men and women who manage sports fields worldwide. Its mission is to enhance members' ability to manage turfgrasses.

The award recognizes members who have made significant contributions to the profession. Winners for 2013 were announced at the annual STMA Conference and Exhibition in San Antonio.

Fresenburg was completely unaware of his winning when Beth Guertal, last year's award winner, spoke about the winner before announcing him. "I had no clue they were talking about me," said Fresenburg, who has been involved in STMA for about 20 years.

Fresenburg's interest in sports turf and plant sciences began at a young age. Though he grew up in St. Louis, he always admired rural life. He decided to study agriculture and agronomy at MU, receiving his bachelor's in 1976, master's in 1980, a master of business administration in management in 1990, and a doctorate in philosophy in agronomy in 2010.

While he was working on his master's in business, he worked at the MU Turfgrass Research Center. He enjoyed researching turfgrass and started concentrating on sports turf in 1992.

Fresenburg defines good sports turf as a natural grass field. Many athletes prefer natural turf to synthetic because natural turf doesn't heat up as much on hot days and is softer and more forgiving, which reduces injury risk. But some players like synthetic because of its consistent feel, and field crews love it because it requires minimal upkeep.

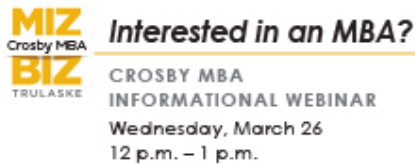
Fresenburg explains that specialists use different turfgrasses for different climate regions. Warmer and cooler regions use grass that grows better in those respective regions. According to the United States Golf Association website, each grass species has a specific temperature range, and the range differs based on what photosynthetic pathway each species uses. Cool season grasses use the C3 photosynthetic pathway and grow well in soil temperatures between 60 and 75 degrees. Warm season grasses use the C4 photosynthetic pathway and grow best in temperatures between 80 and 95 degrees.

Some soccer fields use Bermuda grass. It's a warm season grass that grows and recovers quickly. Also, it can be mowed as short as a half-inch, whereas most grass fields are mowed to one inch.

The ideal sports field would be safe and suitable for players, no matter if it's natural or synthetic grass, Fresenburg said. "That's the goal we try to set, and that's the goal we try to teach sports turf managers."

In the fall semester, Fresenburg will co-advise the new Sports Turf Graduate Assistantship at a master's level with Josh McPherson, director of sports turf management in Athletics. "Students who want to get an advanced degree in sports turf management can apply for this assistantship," Fresenburg said.

— JeongAn Choi



March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Moving Day](#)
- [Mizzou, a leader in sustainability](#)
- [Funding for staff development](#)
- [Recyclemania](#)
- [Teaching technology](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail: MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](#). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly

March 20, 2014 Volume 35, No. 24

Moving Day

Photos by Rob Hill

The move of some 1,000 employees and office materials as part of [Renew Mizzou](http://www.mizzou.edu/2013/34-31/renew-mizzou/index.php.html) (<http://www.mizzou.edu/2013/34-31/renew-mizzou/index.php.html>) is under way. Fifteen Web Communications staff and three student workers moved Feb. 17 from McReynolds Hall to the Rock Quarry Center. Fourteen full-time staff and five student workers of Publications and Alumni Communication moved from Reynolds Alumni Center to the Rock Quarry Center Feb. 24.

Pickard Hall's staff, the Museum Store, and the Cast Gallery of the Museum of Art and Archaeology have already moved to Mizzou North. Swallow Hall's Museum of Anthropology is moving to Mizzou North this summer. Campus Facilities currently is exploring space options on campus for displaced faculty of those halls. Jesse Hall employees will begin moving to other office space on campus in coming weeks.

The moves are the result of the scheduled renovation of Swallow and Jesse halls, and the decommissioning of Pickard Hall.



Last month, Campus Facilities workers moved office items of the Publications and Alumni Communication Department from Reynolds Alumni Center to the Rock Quarry Center. Above top, from left, are workers David Glass, George Paquin, Matthew Nelson and Shance Twenter.



Paquin and Nelson put together the meeting table used by the Publications and Alumni Communication Department. The table has been used in the department since the 1980s.



Boxes, boxes and more boxes are wheeled in by Nelson.



Ja-Mes Watson moves a pile of chairs into the office.



Interested in an MBA?

CROSBY MBA
INFORMATIONAL WEBINAR

Wednesday, March 26
12 p.m. – 1 p.m.

March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Mizzou, a leader in sustainability.](#)
- [Funding for staff development](#)
- [Recyclemania](#)
- [Teaching technology.](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail: MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](#). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly

March 20, 2014 Volume 35, No. 24

The science guy talks of the joy and importance of science to sold-out crowd



Bill Nye, Chancellor R. Bowen Loftin and Truman the Tiger check their ties in a mirror March 15 in the Residence on Francis Quadrangle. Photo by Shane Epping.

Bill Nye's career has taken him from engineer to actor to science popularizer

A line of children, many wearing Boy Scout uniforms, stood outside of Jesse Auditorium March 15 with tickets in hand. They were still in line as lecture time neared. "We don't want to miss Bill!" they chanted.

The children were referring to Bill Nye, "the science guy," who was about to speak on the joy and importance of science.

Nye became well-known in the 1990s as a popularizer of science for children and teenagers, something that would have been hard to predict after his graduation in 1977 from Cornell University with a degree in mechanical engineering. He worked as an engineer at Boeing for years.

Then in 1986 while still a Boeing engineer, he became a writer and actor on a sketch comedy television show in Seattle. He started his famous *Bill Nye the Science Guy* show on a local radio station in Seattle in 1986. The show went to television on PBS and the Disney Channel from 1993 to 1998.

During his lecture, part of the MU "Decoding Science" symposium, Nye talked about serious topics, such as climate change and evolution, but didn't lose his humor. He used different tones of voice and theatrical gestures. He often asked direct questions to the younger crowd to engage them.

Nye showed a slide of a car he saw in Columbia that had "Bill Nye The Science Lie" written on the back window. The crowd burst into laughter. Nye showed the image to illustrate his concern about the future of science education for younger generations. He doesn't want the children in that car to reject science, he said.

During questions, he was asked how it feels to be a "science rock star." He said he doesn't understand his popularity, but he wants to use it to help increase public interest in science. "I just try to get the P,B and J, the passion, beauty and joy [of science] across to

people,” Nye said.

— JeongAn Choi



Interested in an MBA?

CROSBY MBA
INFORMATIONAL WEBINAR

Wednesday, March 26

12 p.m. – 1 p.m.

March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [Moving Day](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Mizzou, a leader in sustainability](#)
- [Funding for staff development](#)
- [Recyclemania](#)
- [Teaching technology](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail:

MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](#). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly

March 20, 2014 Volume 35, No. 24

MU research and graduate studies positioned for closer collaboration by appointments

Appointments give Leona Rubin and Hank Foley roles at both MU and the UM System



Leona Rubin started March 13 as MU's associate vice chancellor for graduate studies and the UM System's associate vice president for academic affairs and graduate education. Photo by Rob Hill.

Chancellor R. Bowen Loftin is proving to be a decisive leader.

On March 13, he announced two administrative appointments, both of whom will have one foot in the University of Missouri System and one foot in the University of Missouri.

[Loftin \(../35-22/Loftin/index.php.html\)](http://www.missouri.edu/2013/35-22/Loftin/index.php.html) told Faculty Council that [Hank Foley \(../2013/35-10/foley/index.php.html\)](http://www.missouri.edu/2013/35-10/foley/index.php.html), executive vice president of academic affairs, research and economic development for the UM System, will take on the additional role of senior vice chancellor for research and graduate studies at MU; the MU position had been held by Robert Duncan, whose departure to Texas A&M was announced Oct. 11, 2013.

Meanwhile, [Leona Rubin \(../2013/35-2/leona-rubin/index.php.html\)](http://www.missouri.edu/2013/35-2/leona-rubin/index.php.html), who in June 2013 was named interim dean of the Graduate School, will become associate vice chancellor for graduate studies at MU and associate vice president for academic affairs and graduate education at the UM System.

The appointments, effective March 13, resolve two of Loftin's concerns: the time lag due to months of searching for a qualified person to be MU's research leader followed by months for the new hire to learn the job, and the issue of how to involve more

graduate students in various schools and colleges across campus in important collaborative research.

Foley's UM System position includes overseeing and coordinating research functions at all four System campuses. In his additional role, Foley will lead MU's research operation, overseeing the Division of Sponsored Programs, nine research centers, the Technology Management and Industry Relations Program, and the Office of Animal Research.

"Research and economic development have been passions of mine throughout my academic career, and I am excited about the opportunities and potential at MU," Foley said in a statement. "Serving as both UM System executive vice president and MU senior vice chancellor will provide a unique approach toward growing MU's footprint in research and economic development, both crucial elements in maintaining the university's elite status as a member of the [Association of American Universities]."

Rubin and Foley will collaborate in the UM System Office of Academic Affairs and work with deans of schools and colleges to determine needed structural and administrative changes to graduate education.

Positioning graduate education closer to MU's research mission offers "an exciting new opportunity that can benefit Mizzou's mission of research and education," Rubin said in a statement.

Loftin's announcement of the appointments was greeted with applause. "We will look back a year from now and say that [the decisions were] even better than we thought," said William Wiebold, professor of plant sciences.

A supporter of shared governance, Loftin said faculty was involved in the discussions leading to the appointments.

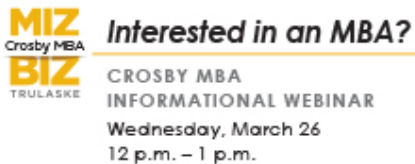
In other news, UM System President Tim Wolfe reported on his Show Me Value Tour, in which he and other administrators visited 12 Missouri communities to talk about the value of higher education and hear feedback from Missourians. Visited were grammar school students, civic leaders and business leaders.

Business leaders were mostly positive about their experiences with MU graduates. However, some said hires needed broader knowledge outside their expertise to help their collaborating with colleagues in other fields, Wolfe said. Also, many rural community members could not grasp how MU research and MU Extension helps Missourians. "We have some work to do in that," Wolfe said.

Finally, Rebecca Johnson, a nursing professor who heads council's Diversity Enhancement committee, talked about the committee's work looking into student mental health and the reporting of campus sexual assaults. The committee took up the task in response to the Sasha Menu Courey case.

Johnson asked Wolfe about UM System's promise for funding on the issue. She was referring to Wolfe's Feb. 14 email message, in which the president said that the System would provide "resources to educate the campus community about sexual assault and prevention, as well as an effective process for reporting such incidents."

Wolfe did not hesitate. "I look forward to seeing [your report], and I look forward to funding" needed programs, he said.



March 20, 2014 Issue

- [Gift of Body Program provides training for medical students](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Moving Day](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Mizzou, a leader in sustainability](#)
- [Funding for staff development](#)
- [Recyclemania](#)
- [Teaching technology](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail:

MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](#). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.

Mizzou Weekly

March 20, 2014 Volume 35, No. 24

Gift of Body Program provides training for medical students



William Miller, a director in the School of Medicine, said his decision was easy. “To be able to serve a teaching function after my spirit is gone seemed to be a lot better use of my body than scattering its ashes over Lake Michigan,” he said. Photo by Mikala Compton.

More than 2,000 people have signed up to donate their bodies to science

When William Miller thinks back to his medical school days at MU in the 1960s, he remembers his first day in the gross anatomy lab as powerful. At the time, the first-year medical student had never seen a dead person. One classmate, upon pulling back the sheet, walked out and never came back.

But for Miller, what he learned in the lab that year was the foundation for his medical training and career as a transfusion medicine specialist.

“I saw the incredibly complex way our bodies are put together and developed a profound respect for what evolution has created in the human body,” said Miller, medical director of Clinical Laboratories and director of Transfusion Services in the School of Medicine.

When it came time for Miller, 74, to make plans about his body after death, it was an easy decision.

“I had this romantic notion of being cremated and having my ashes scattered over Lake Michigan,” he said. “But that seemed rather selfish as I thought about it. To be able to serve a teaching function after my spirit is gone seemed to be a lot better use of my body than scattering its ashes over Lake Michigan.”

Miller is one of more than 2,000 people who have signed up to be donors through the [Gift of Body Program \(https://pathology-anatomy.missouri.edu/education/giftofbody.html\)](https://pathology-anatomy.missouri.edu/education/giftofbody.html) in the School of Medicine. The program adds 15 to 30 names to the donor list each month and receives between 60 and 80 donations each year. Students training to be doctors, physical therapists and

occupational therapists, as well as physicians and researchers, use body donations to learn basic human anatomy and to advance surgical techniques.

“Without this program and the people who donate their bodies, we can’t teach gross anatomy, which is one of the foundational aspects of medical education,” said Scott Maddux, director of the program.

Every year, Maddux leads the 96 first-year medical students in the gross anatomy lab. Working in teams of four, students hover around donor bodies, getting their first glimpse of the body’s inner workings.

“They have the opportunity to not only learn from the donor that they’re working on, but there are also these other donors in the room, so they can see how their donor compares to someone else’s, see how different people’s bodies are,” Maddux said.

Fourth-year medical student Kim Ingersoll said the donor she worked on her first year was like her first patient.

“The fact that the donors have made this sacrifice is very humbling,” Ingersoll said. “It’s this yearlong gift that we get to learn from. Being able to see in real life what we’ve been learning about in books is exciting. It sets the foundation for us.”

In April, the School of Medicine hosts a Gift of Body commemoration service to allow medical students and faculty to reflect on the gift donors make. Ingersoll said she often thinks back to her donor and what she learned from the bodies in the lab.

“There are so many things to learn about the human body,” she said. “It’s like drinking from a waterfall. These donations are an invaluable gift.”

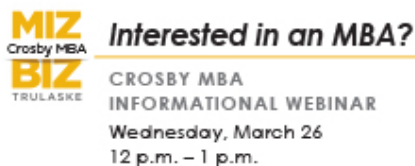
— *Kelsey Allen*

For the Good of Science

If you want to donate your body to the Gift of Body Program, here are a few things you should know.

- Anyone over age 18 can enroll with the proper forms.
- The family is responsible for the funeral director’s transportation fees and the costs involved to file the death certificate.
- The body must be intact, with the exception of eye donation, and cannot have been autopsied or had major organs removed.
- The body must not weigh more than 230 pounds and cannot have certain communicable diseases, such as tuberculosis or hepatitis, or bacteria infections present in the body at the time of death.
- Body donations are usually kept anywhere between 12 to 36 months. Then the body is cremated and returned to the family or interred at Memorial Park Cemetery.

For more information, go to [pathologyanatomy.missouri.edu/education/giftofbody.html](https://pathology-anatomy.missouri.edu/education/giftofbody.html) (<https://pathology-anatomy.missouri.edu/education/giftofbody.html>) and download a donation information packet, or call 882-2288.



March 20, 2014 Issue

- [MU research and graduate studies positioned for closer collaboration by appointments](#)
- [The science guy talks of the joy and importance of science to sold-out crowd](#)
- [Moving Day](#)
- [Professor honored for decades of scholarship on turfgrass](#)
- [Mizzou, a leader in sustainability](#)
- [Funding for staff development](#)

- [Recyclemania](#)
- [Teaching technology](#)

[More in the archive »](#)

Published by Mizzou Weekly, 407 Reynolds Alumni Center, Columbia, MO 65211 | Phone: 573-882-7357 | E-mail: MizzouWeekly@missouri.edu

© 2021 — Curators of the [University of Missouri](#). All rights reserved. [DMCA](#) and other [copyright information](#).

An [equal opportunity/access/affirmative action/pro-disabled and veteran](#) employer.