THE MSU
exponent

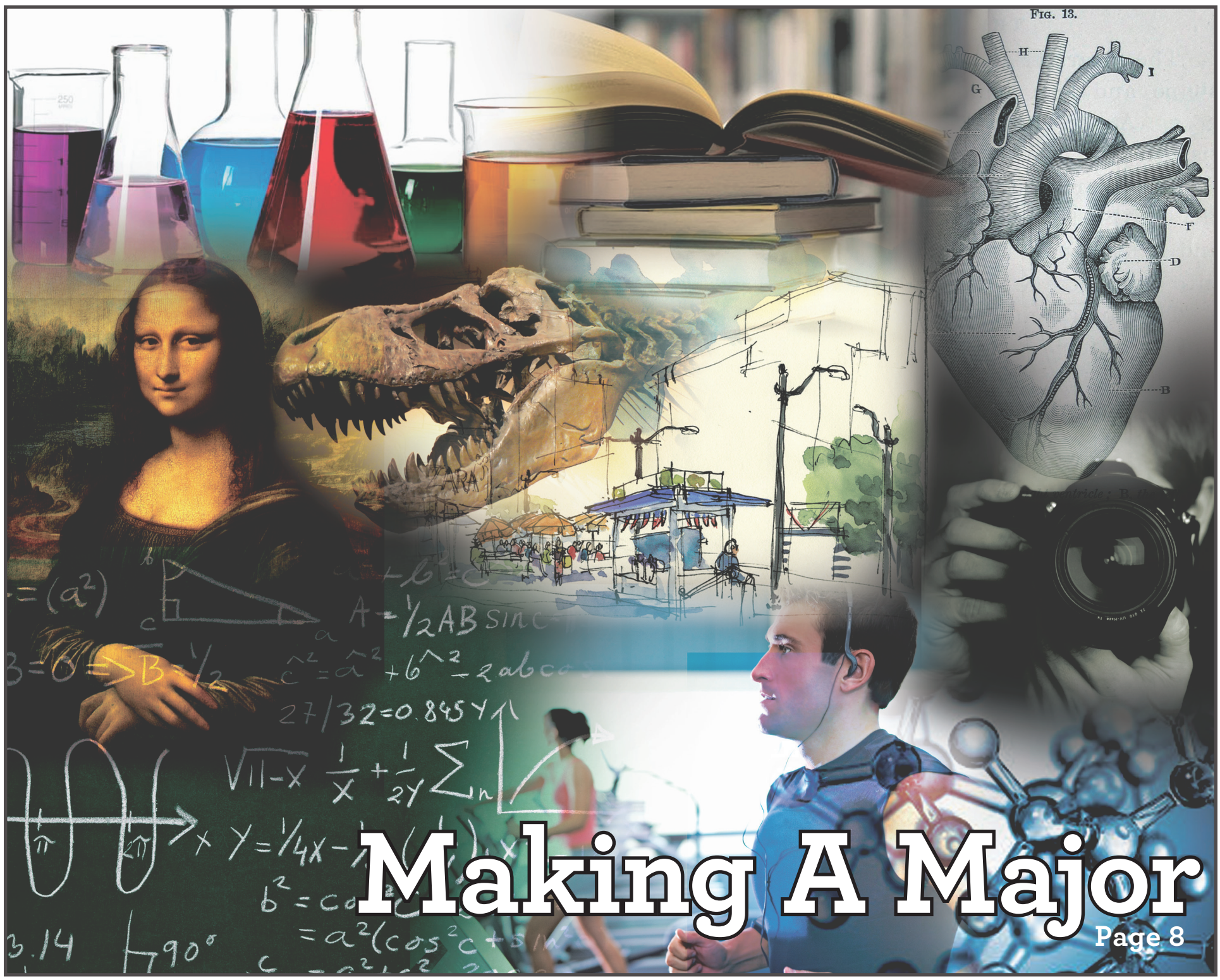
January 28, 2016

MONTANA STATE'S STUDENT NEWSPAPER SINCE 1895

Fish's school back in session with back-to-back wins



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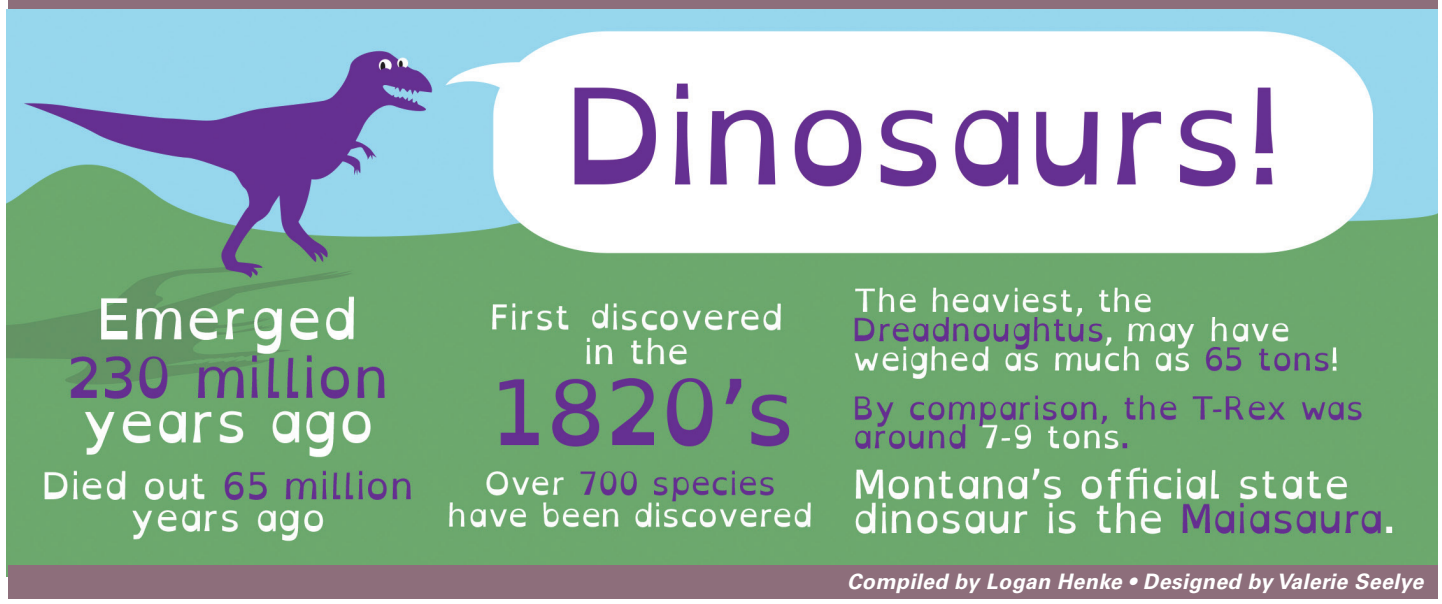
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STUDENT BAND THE BENT BONES RELEASING NEW ALBUM



PHOTO BY COLTER PETERSON

Rope 'em, wrangle 'em, or tow 'em behind a horse. Bozemanites came out in droves Saturday and Sunday to paricipate in and watch the annual Duckworth Classic Skijoring Event.

SIGNIFICANT FIGURES



Compiled by Logan Henke • Designed by Valerie Seelye

HEARD ON THE WEB

@BobcatsAbroad



Want to see the sunrise from a new location next semester? #studyabroad #msubobcatsabroad #montanastate

@MSUExtendedU

Sharing Science workshop for #montanastate graduate students is Feb. 4. Register now! svy.mk/1PibBoA #scicomm

INSTAGRAM OF THE WEEK



From The Exponent's Instagram:

"Lockhorn Cider, located in downtown Bozeman, and the non-profit Central Asia Institute (CAI) are teaming up to raise money for Pennies for Peace, a program which takes spare change donations to support youth education in remote Central Asia. All proceeds go to CAI. Lockhorn will exchange donations for a pint of cider and is matching donations up to $1000."

TALK BACK:

Tweet hashtag #MontanaState or @MSUExpo

Comment on our FB page *facebook.com/MSUExponent*

Comment on our site *MSUExponent.com*

Comment on our Instagram *@MSUExpo*

THE MSU exponent

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ASMSU associated students of montana state university

The MSU Exponent is Montana State University's student-run newspaper, bringing together more than 70 students of diverse backgrounds and approaches in service of the public interest. We strive to contribute to the university's community by providing thorough, original reporting and creating space for public discussion about topics important to students. The paper is funded through a $4.90 annual student fee and advertising revenue. It is published on Thursdays during the academic year and is available online at *msuexponent.com.*

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Miller Dining Hall reduces food waste post-renovation

By DAVE BIEGEL

After a semester of operation, the Miller Dining Hall renovation has passed the test of bringing students a new, modernized on-campus dining experience. For those accustomed to the old Miller, many changes from the renovation are immediately obvious. Included in these visible changes are an increased variety of food options and a larger seating area with a more diverse selection, including couches and sheer aesthetic appeal. Beneath the surface, however, the Miller renovation has changed much more than just the dining experience. It has also changed its environmental impact through reduced food waste.

A study completed by a group of researchers from MSU, with help from faculty, staff and students, has found that the post-renovation Miller Dining Hall has reduced food waste by over 50 percent.

Leading the study were Carmen Byker Shanks and Selena Ahmed, assistant professors in the MSU College of Education's Department of Health and Human Development and directors of the Food and Health Lab, along with Alicia Leitch, a graduate student in Health and Human Development. With help from Sustainable Food and Bioenergy and Food and Nutrition courses and students and staff from MSU's Department of Health and Human Development, in a period of three days prior to the renovation, the team found that Miller produced 5,132 pounds of food waste. In another three day period after the renovation, the food waste had dropped to 2,707 pounds. In addition, pre-consumer food waste, or food that is not served to customers, is now entering a composting system, instead of going to a landfill

The reduction in food waste was not an accident: the study team along with Miller planning staff brainstormed a list of ways to reduce the waste before and during the renovation. According to Byker Shanks, included in this list of proposals were using smaller serving utensils, serving smaller portion sizes, using smaller pans of food on the buffet and creating signs that state the amount of food that is wasted. The study team also hypothesized that other factors in Miller influence the reduction in food waste, including changes in the food preparation processes, aesthetics and appearance of the dining hall and consumer expectations.

On Sept. 16, 2015 the U.S. Agricultural Secretary and the Environmental Agency Deputy Administrator revealed the first nation-wide national food waste reduction goal. This food waste challenge launched by the United States Department of Agriculture (USDA) and Environmental Protection Agency (EPA) calls for a 50 percent reduction of national food waste by 2030. According to the USDA website, the U.S. wastes approximately 31 percent, or about 133 billion pounds per year, of the overall food supply available to retailers and consumers.

Some major concerns of the USDA and the Food and Drug Administration (FDA), along with those who conducted the Miller food waste study at MSU, include the impacts of food waste on society and the environment. According to Byker Shanks, individuals with limited access to food have no opportunity to obtain it, and waste only increases this problem. When producing and distributing food, natural resources are used in the process. When food is wasted, so are the natural resources, so cutting down on food waste cuts down on emissions. Food waste is also the biggest contributor to landfills and is a large contributor to methane gas production.



PHOTO BY CHRIS SANDISON

Miller fills many compost bins each day, which are stored underneath the dinning hall.

With the work at Miller Dining Hall, MSU is on the front edge of the national urgency to reduce food waste. According to the MSU Campus Planning, Design & Construction webpage, preparations and site selection for a new dining hall are taking place. The new dining hall will eventually replace the Harrison and Hannon Dining Halls, leaving another opportunity to reduce food waste on campus.

Food waste reduction at Miller Dining Hall can be considered a victory not only environmentally, but also in terms of interdisciplinary success. Involved in the study, design and implementations of food waste reduction strategies include the research team of Byker Shanks, Ahmed and Leitch; MSU's Department of Health and Human Development; Food and Health Lab; Sustainable Food Systems program, University Food Services; Office of Sustainability; Facilities Services; MSU Extension; Campus Sustainability Advisory Council and Sustainable Food and Bioenergy and Food and Nutrition courses.

Governor issues executive order protecting LGBT workers from discrimination

By TED WEEKS

Gov. Steve Bullock signed an executive order on Jan. 18 stating that state agencies and their contractors cannot discriminate against employees for their gender identification or sexual orientation. Bullock stated in a press conference on Martin Luther King, Jr. Day that he wanted to "recommit to King's values of compassion and equity," and did so with his groundbreaking change to the public work environment in Montana.

Laura Nearpass of MSU Queer Straight Alliance (QSA) noted the impact this order will have on LGBTQIA Montanans. She said, "LGBTQIA or any separately identifying person cannot be fired now because of the executive order, as long as they work for a government facility." The executive order also applies to the hiring process for government and government-contracted entities, and while not made into law, Bullock urged private business owners to take a similar stance.

Nearpass and QSA are now looking at MSU to enact further change. With QSA having now sent a letter to the MSU administration formally requesting for better facilities and accommodations for transgender students, Nearpass believes the time is right to act. She said, "It would be a good place for the university system to step in and take that next step." As for the details of these next steps, Nearpass said, "it could be anything from accepting transgender students to creating more facilities [for trans students]." QSA's letter can be found at *www.montana.edu/qsa/*.

Prior to this executive order, the four Montana towns of Butte, Bozeman, Helena and Missoula had enacted their own non-discrimination ordinances protecting LGBT tourists and locals from workplace and housing discrimination. Former Gov. Brian Schweitzer issued a similar order in 2008 protecting state employees from discrimination based on sexual orientation, and this new order will extend that protection to transgender Montanans.

The US currently has no law protecting LGBT people from discrimination in the workplace. While many states have enacted either partial or full non-discrimination laws or orders, Montana is one of 31 states where LGBT people in the private sector risk losing their jobs due to their sexual preference or identity. According to the Human Rights Campaign, 63 percent of LGBT Americans have faced discrimination in their lives, with most reporting that discrimination as workplace-related.

Darby Lacey, MSU student and MSU Diversity Awareness Office employee, wrote, "Hopefully, Governor Bullock's action encourages private business owners to be more inclusive in their own hiring and business practices." Lacey also noted the need for legislation to protect all people from workplace discrimination, public or private.

Ph.D. candidate discusses mathematical model of gene transcription

By LILLY BROGGER

Tamra Heberling, a doctoral candidate from the Department of Mathematical Sciences, presented her lecture, "They Transcribe with a Little Help from their Friends: A Mechanistic Model for Cooperative Behavior of RNA Polymerases," on Monday, Jan. 25 in the Procrastinator Theatre. Heberling's research focuses on mathematical models of gene transcription.

Along with a research team, Heberling has been studying how DNA is transcribed, and why it seems to be transcribed faster when there are more RNA Polymerases (RNAP's.) The team focused on E. Coli bacteria, which is commonly studied because of the fast rate at which it doubles, allowing researchers to get a large amount of information from it.

Transcription is a step in the process by which amino acids are formed. An RNAP initiates onto the DNA strand. It then produces a complementary RNA strand, in a process called elongation. It then gets off the DNA strand and releases the RNA. A ribosome then reads the messenger RNA and produces an amino acid, which is where proteins come from. When the RNAP moves down the strand of DNA, it often experiences short pauses. When this happens, the RNAP can get backed up, much like cars on a road.

Heberling's research is based off previous research on transcription. She summarized the results of the first piece of research, "If you have more RNAP's close together they not only all transcribe faster, but individually go faster." She continued, "That's what I mean by 'they transcribe with a little help from their friends.' They're all working together in this group effort."

One explanation this previous research pointed to was that one RNAP could push another paused RNAP forward. The piece this research was missing was why this happened. More research came out studying how coiling in strands of DNA affect how RNAP's travel across the strand and transcribe. This research focused on single molecule transcription. The question Heberling wants to answer is why transcription happens faster with multiple RNAP. To do this, she and her team combined the ideas from the previous research and set out to create a model that can explain this phenomenon. "Our idea was let's take this single molecule data and information and really put it into what happens with many molecules," Heberling said.

"Our idea was let's take this single molecule data and information and really put it into what happens with many molecules."

– TAMRA HEBERLING

They built the idea of torque into a mathematical model, simulating transcription with and without torque, and found that torque causes shorter pauses between RNAP's. The team now proposes that torque is the mechanism that causes cooperation between RNAP's. This prevents collisions, and makes the process go faster. Heberling and her team are now looking for experts in biology to collect more data so they can fine-tune their model.

The lecture was part of the Kopriva Science Seminar Series — Heberling was also chosen to be a part of the Kopriva Graduate Student Fellowship Program. Both are funded through endowments created by MSU microbiology graduate Phil Kopriva, who died in 2002. Heberling received her undergraduate degree from Northeastern University in Boston, and has been at MSU both for her master's and Ph.D., which she is close to completing.

Lisa Davis from the Department of Mathematical Sciences shared her enthusiasm for Heberling's work at MSU, saying, "We're very proud of her. Her activities in the department have been exemplary. She's a very energetic student." For more information on the Kopriva Science Seminar Series head to *montana.edu/lettersandscience/kopriva.html.*

Former MSU student found dead

By DAVE ATKINSON

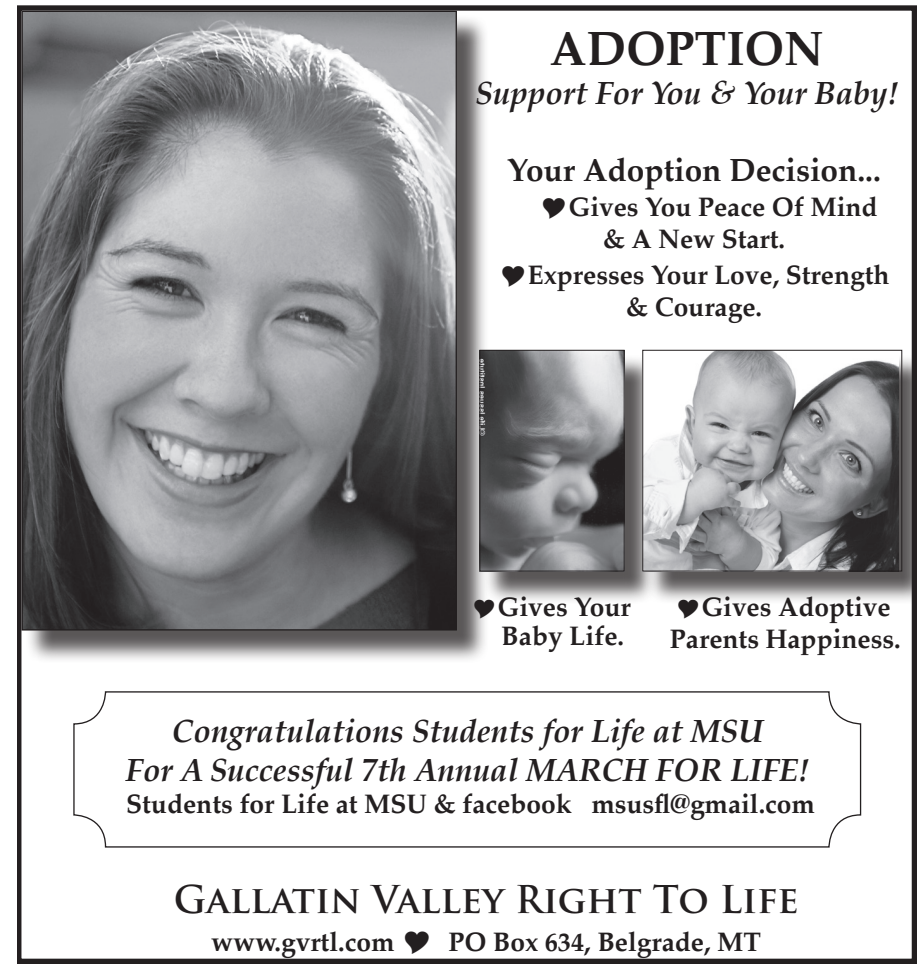


PHOTO COURTESY OF THE BILLINGS GAZETTE

Manny Kalfell, former MSU wide receiver, died Sunday.

Former Montana State wide receiver Manny Kalfell was pronounced dead in his home at 1:33 a.m. on Sunday, Jan. 24. The son of Danny Lassle and Janya Ballenger, Kalfell was born on March 31, 1993 in Miles City. Manny was a graduate of Bozeman High School and played for the Bozeman Hawks on the 2010 State Championship team before coming to MSU. Kalfell's final season ended this fall during his senior year of business management; he graduated in December 2015.

During his football career with the university, Kalfell started in three games for the Bobcats and made three catches for 95 yards and a touchdown in his final season. In life, Manny was described as a loving, caring young man. People were not the limit of his compassion either, as proven by his GoFundMe fundraiser to help pay for hip surgery for his dog, Chief. "We are deeply mournful with the loss of Manny Kalfell. He was a treasured member of the Bobcat Athletics family. He was admired for his hard work and dedication, and was liked by all because of his smile and spirit of individuality. We extend our sympathy to Manny's family and friends," Athletic Director Peter Fields said. MSU will be holding a memorial service on campus for Kalfell on Saturday, Jan. 30, which will be followed by a graveside service at Sunset Hills Cemetery.



FROM THE EDITOR'S DESK

MSU's Queer Straight Alliance Fights for Equality

Spring semester has brought about a flurry of activity in Bozeman. From officially choosing the location of the next dining hall, to Gov. Bullock's executive order, to MSU losing the top Carnegie classification, there has been no shortage of news. Another topic that recently made headlines was the letter of demands that MSU's Queer Straight Alliance (QSA) sent to President Waded Cruzado and her administration.



ERIN MURDOCK
Editor-in-chief

One of Cruzado's catchphrases, typically directed to incoming students, is "Welcome to Montana State University. Welcome to your university." Her speech then discusses how each and every student has the ability to make the most of their experience at MSU, shape their future and gain an education. And Cruzado is absolutely right. This is our university. Our tuition dollars go towards supporting an array of programs and departments, from ASMSU to construction.

It only seems fair that we, as the students of MSU, have the right to expect certain things from our school. After QSA sent the letter of demands to Cruzado and company, it feels necessary to assess the struggle of our fellow students and acknowledge that we could be better serving the LGBTQIA population.

In a random survey of students conducted by MSU's Diversity Awareness Office, 53 percent of lesbian, gay, bisexual, queer and transsexual students felt they had to conceal their identity to avoid harassment and discrimination. Thirty-two percent of participants reported instances of harassment in classrooms. Most students can attest that college is stressful and challenging. LGBTQIA students face more challenges that the average student, and these problems are compounded by hateful speech, microaggressions and inadequate resources.

In light of QSA's letter and the results of the survey, it begs the question of how supportive and accepting MSU actually is. Are we merely 'tolerating' our fellow students or are we welcoming them into our community with friendship and acceptance, as we should? Are we making sure that our LGBTQIA students have access to the resources they need to succeed at MSU? Discrimination is still very much a problem on college campuses, and MSU is no exception. All MSU students deserve to, at the very least, have reasonable services available to aid in their success.

53 percent of lesbian, gay, bisexual, queer and transsexual students felt they had to conceal their identity to avoid harassment and discrimination.

The administration is working with QSA representatives to further discuss demands. On Wednesday, Jan. 27, QSA met with Dean of Students Matt Caires, Vice President for Student Success Chris Kearns, Diversity Awareness Office Manager Ariel Donohue and Vice President for Finance and Administration Terry Leist. On the student side, we can continue to support our LGBTQIA peers through language and actions, such as not assuming pronouns, refraining from slurs and most importantly treating fellow students with respect.

Understanding equality, acceptance and understanding in the context of our LGBTQIA peers can be hard for some students. These topics can also be increasingly difficult to understand if you belong to majority groups such as heterosexual, white and male. Interested students are encouraged are to join QSA meetings, which take place Mondays at 7:00 p.m., or contact *qsamsubozeman@gmail.com* with questions.

LETTERS TO THE EDITOR

Alternative Medicine

A story that describes my alternative medicine upbringing: a family friend traveling through the Livingston pass stepped out of his car on an exceptionally windy day. He was hit in the head by a metal sign, and rushed to the hospital, where he denied treatment, wanting a second opinion from a "professional". The physician called this "professional" and was shocked to find the advice was given by a rural Montanan farmer, self taught in alternative medicine: this farmer was my father.

For many people, living an alternative medicine lifestyle is due to their upbringing; for others, the choice to use alternative or complementary therapies, a combination of alternative and traditional medicine, is a decision of life or death. James "Rhio" O'Connor had to make this choice after he was diagnosed with pleural mesothelioma, a cancer that affects the inner membrane of cells lining the lungs and chest wall, after exposure to asbestos. This rare cancer takes decades to display symptoms, but is typically fatal within one year.

There is no "cure" for this type of cancer, but treatments such as chemotherapy, radiation therapy, and surgery help to manage the disease. These treatments, often painful and expensive, were not options for O'Connor. Left with no other choice, the doctor recommended O'Connor end his days in the comfort of Hospice.

Against the doctor's recommendation, O'Connor began alternative treatments and retained an optimistic mind and powerful determination, allowing him to live for 7 ½ more years. Without his personal choice, O'Connor would never have outlived his prognosis.

There are countless forms of alternative therapies, some as simple as balanced diet or supplement regiments. Recently, many practices such as yoga, massage, and hypnosis have become popular. None of these techniques are approved by the FDA since the results of such treatments are anecdotal. Regardless, medical facilities now recommend the use of alternative therapies combined with traditional therapies allowing for another form of treatment: complementary medicine, designed to fit the patient's lifestyle.

This is the direction cancer therapy should take: personalized complementary treatment for maximum recovery, directed by the patient and their personal beliefs. O'Connor believed in "something greater than himself"; his firm beliefs and positive mindset allowed O'Connor to make it through his difficult recovery.

Although alternative therapies are not a guaranteed treatment to an ailment, they represent something else: a personal choice. After receiving a negative prognosis, patients feel like they have no control. Sometimes the answer to regaining hope and the positive mindset necessary for recovery is simply having a personal decision regarding the direction of treatment, whether traditional, complementary, or alternative.

Many cancer survivors, like James O'Connor, are sharing their stories of survival with the hope of inspiring those with similar diseases. Although each story involves different treatments, some traditional, some alternative, one aspect stays the same: each survivor was given a choice, control of their life, and hope.

For more information about mesothelioma or survivors like James O'Connor, visit *survivingmesothelioma.com.*

Rachel Juel
College of Letters and Science

Land and Water Conservation Fund

For over 50 years, the Land and Water Conservation Fund has been a great boon to Montanans. It has provided for the purchase and maintenance of public lands such as city and state parks, memorials and recreation centers all over the state, and has done the same for the rest of the U.S. — its lifetime nationwide total is $15 billion.

Recently, the LCWF has come under fire, with a small fringe of Congress vowing for its decommission. Their words were realized this September, as the fund — fed almost completely by federal royalties from offshore oil drilling — was dissolved.

Even when a massive push to permanently reauthorize the LWCF arose, Congress chose to extend it for only three years, with half of its previously approved funding in the next fiscal year. As a young outdoorsperson and aspiring outdoor educator, I am passionate about the acquisition and protection of our nation's public lands. I hope that Congress will see the great benefit that the LWCF has provided to the people of the U.S., and I urge Sen. Tester, Sen. Daines and Rep. Zinke to continue fighting the good fight for permanent reauthorization and full, dedicated funding.

Kate Johnson
College of Agriculture

Bozeman Barely Passes on LGBT Equality

According to the Human Rights Campaign (HRC) LGBT Equality Index, Bozeman scored 72 out of 100 in 2015. Bozeman is just getting by when it comes to making LGBT individuals feel at home. While many places do worse than "get by" when it comes to LGBT rights, Bozeman still needs to work toward not only getting a better HRC LGBT Equality Index score, but also providing a community that accepts all of its people, even outside of the five categories the HRC grades.



SONJA BENTON
Staff writer

The five categories the HRC focuses on are Non-Discrimination Laws, Municipality as Employer Municipal Services, Law Enforcement and Relationship with the LGBT Community. The city of Bozeman has non-discrimination laws that cover housing, employment and public accommodations, essentially providing that discrimination based on sexual orientation or gender identity is prohibited.

Municipality as Employer, ensures protection from discrimination for LGBT employees. Bozeman came in a bit below par. While the city does have non-discrimination in city employment and a city contractor non-discrimination ordinance, Bozeman has yet to enact transgender-inclusive healthcare benefits.

Municipal services that serve LGBT constituents are a sad affair. Bozeman does not have a human rights commission, LGBT liaison in the mayor's office, nor anti-bullying school policies. However, Bozeman does have an enforcement mechanism in the HRC; provides services to LGBT youth, homeless and elderly; and provides services for persons living with HIV/AIDS.

According to the HRC, law enforcement should include responsible reporting of hate crimes and engaging with the LGBT community respectfully. Bozeman did report the 2013 hate crimes statistics, but there is no LGBT police representation.

The last category, Relationship with the LGBT Community, "measures the city leadership's commitment to fully include the LGBT community and to advocate for full equality." In 2015, Bozeman's leadership had a positive public position on LGBT equality and made pro-equality efforts, in spite of restrictive state laws. Bozeman also has openly LGBT elected and appointed municipal leaders.

The HRC LGBT Equality Index doesn't, however, take into account community feelings about LGBT individuals, and has a problematic history with trans-inclusivity. Tyler Kelly, a community member, sheds light on this: "I've found accepting people here, but do not consider Bozeman as a whole very welcoming and accepting." This is echoed in the thoughts of many other community members and MSU students, such as Michel Tallichet. He expands, "There is still a lot of homophobia. It is often uncomfortable or dangerous to be openly affectionate with a partner in Bozeman." Carson Oetting, a junior at MSU, feels similarly, "I feel that ... both MSU and Bozeman are overall LGBT-phobic." Bozeman, especially in comparison to many Montana towns, has a progressive legal attitude, but the community attitude is frequently unfriendly or openly hostile.

These comments illustrate the issue inherent in the HRC rating system. Identifying as LGBT may have some legal protections and representations, but that is not the only aspect that affects LGBT people. Community inclusion and acceptance is noticeably absent in the rating, just as it is in Bozeman. Providing a safe place for LGBT individuals does not simply include legal rights (though that is extremely important), it also includes the ability to express oneself in public and private areas without the fear of negative actions by Bozeman's people, which includes MSU students and administration.



ILLUSTRATION BY SONJA BENTON

Bozeman has made a ton of progress in 2015. In 2014, Bozeman only scored a 58 — a failing score. The 14 point score jump in 2015 suggests changing public and legal perceptions of the LGBT community. Here's hoping 2016 sees as much, or more, progress.

Visit *hrc.org* for more information on the Bozeman 2015 HRC LGBT Equality Index Rating, and look up how other US cities scored.

SATIRE

Opinion Writer Confidently Upholds his Recollection of 2015

As far as semesters go, fall 2015 was pretty stirring, most notably with the stepping down of the student body president. However, for all the negatives surrounding a semester, there are plenty of positives. Both the MSU administration and its students have gone to tremendous lengths to improve the success of the university throughout the term. Here are a few examples from an eventful fall semester:



CHRIS MYERS
Staff writer

A Dangerous Campus

There has been an increase in bear encounters on campus over the past few semesters. To alleviate fears and further strengthen enrollment and retention rates, MSU began offering sex education to the bear community. Though student health services offered free condoms, bears were often unaware of their proper use. Studies have shown that nearly all sexual intercourse among wildlife goes unprotected. With access to safe-sex resources, it is believed that the bear community will gain a better understanding of how to prevent unwanted pregnancy, thus dropping the number of bear births. A decline in the bear birth rate means a decline in bear encounters.

Leigh Lounge

The SUB is the beating heart of MSU's culture. From sitting down to an overpriced lunch to seeking medical attention for stab wounds, the value of the facility is immeasurable. The SUB also houses Leigh Lounge. A true illustration of the student psyche, Leigh Lounge offers refuge to inert students with a selection of beds in the guises of couches. Though sleep deprived and fatigued, students still find it difficult to fall asleep. Most students have identified silence as a key issue.

"What we really need is more people coming in and savagely banging away at the keys on the piano," Stuart "Stu" Dent, an MSU senior, stated. "Honestly, what good is a piano if a random passerby doesn't stop to play an out-of-tune version of Chopsticks?"

The random, self-proclaimed pianist is a dying breed, becoming more and more scarce with each semester. MSU student Richard Head claims to be doing his part. "Please, everyone calls me Dick," the freshman reiterated. "I just see people in there trying to sleep next to an unoccupied piano and I feel this obligation to soothe the environment by beating at the keys like a wild primate."

The student body is advocating for more good samaritans like Head to do their part.

Saving Face

Several students have been victims of embarrassment by attending the wrong course. The situation is most commonly noticed at the beginning of a semester, when students are adjusting to their new schedules. Most students leave the moment they discover they are in the wrong course. Some stay the length of the lecture due to shame. One student, however, will continue his attendance throughout the semester. Sophomore Avery Day Mann has no intentions of seeking his correct course and plans to stick it out through the remainder of the semester in the wrong course.

A true illustration of the student psyche, Leigh Lounge offers refuge to inert students with a selection of beds in the guises of couches.

"Modern Literature and Advanced Phonetics in Ancient Swahili is where I meant to be," exercise science major Mann insisted.

When asked if he needed assistance locating his correct course, Mann claimed that he never asks for directions and refused a campus map.

A Semester in Review

Ducks and bobcats and bears, oh my, what a semester to recap! From beginning to end, this fall's most exciting news coverage centered around Romney Gym. With all that has passed and everything yet to come, students and faculty alike are lucky to have boarded the exuberant rollercoaster that is MSU.

The Good, Bad and Uber

Ever since Montana Senate Bill 396 passed in May, Uber has had the opportunity to open its doors in Montana, and to great anticipation.

The service operates through an app that allows users to request rides from nearby Uber drivers, who act as independently contracted taxi drivers through the service.



ALEX LEI
Staff writer

Uber is going to be a welcomed guest in Bozeman because it will benefit almost everyone involved at first glance. Drivers get paid 80 percent commission, which is more than they would make at a taxi service. Taxi services in town will notice this competition, and be forced to improve their own business to keep up. Consumers benefit from the convenience of Uber, the ability to have options about which service to use and the competition creating a better experience for whichever service they choose. On paper, it is truly a triumph of capitalism.

However, Uber does have a sketchy history. With everything from hiring drivers with histories of reckless road behavior to threatening journalists who question their practices, it is fair to say they have skeletons tumbling out of the closet. This makes it pretty clear why it was such a weighty decision to allow such a company to come to Bozeman.

The problem is that it is a necessary service in this town. Montana is cold, the bar scene is hot, buses are free but overcrowded at 2 a.m., and taxis are not incredibly reliable in town. Overall, it will be beneficial to this city to have this added service. It is likely the amount of DUIs handed out in the winter will go down with an extra service like Uber available to people, which hopefully will make the population safer.

People have to remember who they are giving money to when they use a service like this, and acknowledge that the company does not have a clean record. Shopping at Walmart is cheap and convenient, but consumers are giving money to a store that tries to keep its employees from getting benefits and intentionally undermines local businesses. The fact that Uber has fought so hard not to consider its drivers employees and the many lawsuits pertaining to its practices should be taken into account when you use this company. It is good to have Uber as an option, but we should not pretend it is the be-all-end-all of ride services, because that might lead us down a dangerous track.



MONTANA'S OWN

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DIS Degree Moves MSU Into the Future



Gerrit Egnew
Opinion Writer

While there are many exceptional degree programs at MSU, the school is a product of a departmental, siloed educational tradition. If you intend to be a chemical engineer, a wildlife biologist, a sculptor, there is a track in place for you. For students who want to research things like experimental digital media, the mathematics or neurochemistry of music, entertainment engineering or virtual reality, it isn't immediately clear how a student at MSU can move their career down that path.

In the 80s, MSU created a Directed Interdisciplinary Studies (DIS) degree to provide students with a means of pursuing studies outside the regular departmental degree programs. As part of the Honors program, the degree produced Rhodes, Goldwater and Truman Scholars, and many of MSU's most distinguished graduates. Regrettably, it was eliminated by the Board of Regents in 2009 due to low enrollment. But over the last year the Honors College – under Dean Ilse-Mari Lee – and the Office of the President have reintroduced the program in a new form. In October I wrote about the need for multidisciplinary education at MSU; DIS is precisely the sort of program MSU needs.

DIS is a 120 credit degree that allows students to integrate three creative or scholarly disciplines, resulting in either a B.A. or a B.S, depending on the specific combination. Each student is overseen by a Faculty Advisory Committee (FAC) of a professor from each of the three chosen disciplines. The FAC faculty serve both as a review board and as mentors. "Just think of the three letters of recommendation the students will graduate with," Lee said, "You'll have a person from each discipline who knows you really well." The FAC will give a report every semester on the student's progress to the Honors College Academic Advisor, Martha Sellers. The students will then be interviewed by the Honors College advisory board. DIS is a thesis-driven degree; the FAC and members of the advisory board conduct the thesis defenses and determine whether graduation requirements have been met.



Applying for the Directed Interdisciplinary Studies Degree involves multiple steps, including paperwork and interviews.

Photo by Haley Cox

"If I were a freshman," Lee said, "I would of course study music, and definitely some cell biology and neuroscience courses, and mathematics ... I had to make the choice between music or medicine. There wasn't the possibility of combining the two." Lee's excitement about the program was palpable. "I think we're seeing students coming that are interested in the left and the right brain, that are artists and scientists, that are engineers and mathematicians and musicians. It fits the generation of students that we have very well."

The degree produced Rhodes, Goldwater and Truman Scholars, and many of MSU's most distinguished graduates.

Students must take Texts and Critics or HONR 301 (an upper division substitute for Texts and Critics) – and may complete the Honors College degree – but DIS is available to all students, "because we know that many highly motivated students are not in the Honors College," Lee said. The degree requires a high level of independent learning and motivation, so there is a high bar for the program: each student must maintain at least a 3.0 GPA and must meet multiple levels of review. "This is not for everybody," Lee pointed out, "This is for students who are selfmotivated and driven."



Dr. Ilse-Mari Lee, Dean of the Honors College, played an instrumental role in reintegrating DIS.

Exponent File Photo

DIS is a stepping stone to graduate work. "This is a phenomenal degree toward graduate school in fields that we do not have on our campus," Lee said, "But it is not a degree that you're going to enter the workforce with. You may; if somebody is looking for a person who can think incredibly independently and critically have a multidisciplinary perspective on problems, that's a DIS graduate, there's no question about that." But the program is geared more to provide students with a path specifically suited to a graduate program of their choice.

The degree may seem hokey, but the previous iteration of DIS created stellar students. Ryan Archer, a 1998 DIS graduate, focused his degree on natural resource and land use management. Archer is now Senior Legal Counsel for Boeing. "I have come to appreciate that a DIS degree may not be advisable for many students since it is nonstandard and does not fit a prototypical 'profession' driven program. But that is the intent, because it is designed for a select class of students who plan to obtain advanced degrees in fields such as law, medicine or the sciences. For these students, the DIS presents a fantastic opportunity."

The barriers between disciplines are eroding. To propel students into the future, MSU should continue to support programs like DIS, which serve as incubators for innovation that the rest of the campus can adopt.

Jennifer Devoe is another graduate of the earlier DIS program. "I was very fortunate to have the DIS credentials and experiences to help set me apart from the rest [of medical school applicants]. I also had the benefit of working closely with several stellar faculty who had knowledge and familiarity with my work, my dedication to learning, my life goals, and my personal character ... I had several interviewers comment on the richness of my MSU education and the great aspects of the DIS program." Devoe received both a Rhodes and a Goldwater scholarship is now an MD/Ph.D and associate professor at the Oregon Health and Science University.

Barriers between disciplines are eroding. To propel students into the future, MSU should continue to support programs like DIS, which serve as incubators for innovation that the rest of the campus can adopt. "When this degree was first formatted," Lee said, "I think they were way ahead of their time. I think now we're precisely where we should be, and I think a lot of people are going to be very interested to see what happens here." DIS is only accepting five students this semester – the application deadline is Feb. 29 – but will begin taking on new students every semester beginning next year. Lee is ecstatic: "I like to think that the sky's the limit."

LAYOUT BY KIRA NUEBEL

Quick Facts:

- 120 credit degree
- Three creative or scholarly disciplines combined
- Either a B.A. or a B.S
- Five students will be accepted this semester
- Available to all students

Requirements:

- ☐ Students must take Texts and Critics or HONR 301 (an upper division substitute for Texts and Critics)
- ☐ High level of independent learning and motivation
- ☐ 2 letters of reference
- ☐ 3.5 GPA at application
- ☐ Personal interview
- ☐ Maintain 3.0 GPA after acceptance
- ☐ Course plan worksheet

Application Deadline:

February 29, 2016

Women's basketball splits tough games on the road

By IAN BREUNER

The Bobcats fell to 6-1 in Big Sky Conference play when they traveled to Cheney, Washington on Thursday, Jan. 21 to compete against the Eagles of Eastern Washington before bouncing back and taking down the University of Idaho Vandals on Saturday, Jan. 23.

The Cats suffered their first Big Sky Conference loss of the season against the Eagles 81-69 at Reese Court. The Eagles came out and scored first, working their way up to a 17-12 lead over the Cats with 3:43 left in the first period. The Bobcats cut the lead to only two points by the end of the first quarter. The Bobcats scored first in the second period, tied the game at 24 apiece before the Eagles went on a 18-2 run to establish 42-26 lead with 2:49 left in the half. The Cats trailed 44-33 at the intermission.

"The difference for our defense in the second period is that we didn't take away the penetration and offensive boards," MSU Head Coach Tricia Binford said. Eastern Washington pulled ahead to their largest lead of the game in the third period, leading 56-37, and cruised to a 81-69 win over the Bobcats. The Bobcats were led in scoring by senior forward Jasmine Hommes, who tallied 19 points, and junior guard Peyton Ferris, who added 14 points. The Eagles were led in scoring by senior Hayley Hodgins who scored a career-high 34 points. "Hodgins had an unbelievable night," Binford said.

The Cats traveled next to Moscow, Idaho to compete against the UI Vandals. The Cats jumped to an early 12-4 lead in the first before the Vandals battled back to make it a three point game at the end of the first period. The Cats opened the second period on with a 7-2 run, establishing an eight point lead off of a three-pointer by Hommes. The Vandals battled back, however, and at the end of the second period established a 36-32 lead over the Cats at halftime.

The Vandals scored the first five points of the third period before the Cats went on a 16-4 run to retake the lead. "We picked up our defensive pressure in the third," Binford said. "We forced some turnovers and really got out in transition." Heading into the fourth up by three, the Cats never led by more than five points, but hung on to defeat the Vandals 62-59. Hommes led the Bobcats in scoring, tallying 16 points and adding six rebounds. The Cats improve to 14-5 overall, 7-1 in Big Sky Conference play.

The Bobcats will take on the University of Montana at home next in the annual Brawl of the Wild on Saturday, Jan. 30 at 2 p.m. in Worthington Arena.

Back in town, the Bobcats hit their stride

By PATRICK ALLARD

Halfway through head coach Brian Fish's second season, at times it still seems that his young squad is trying to find their identity. A weekend win against University of Idaho on Saturday, Jan. 23 may prove to be just the spark the team needed. The win capped off back-to-back home victories in which the Cats demonstrated an innate ability to perform. Over this past week, the men's basketball team hosted Eastern Washington and Idaho. Coming off of the the tail of back-to-back losses on the road, the Cats were aching for redemption.

"That feeling of losing, especially at Northern Colorado, we felt like we were in that game. We were in a good position on the road, we just came up a little short. Everybody was just hungry [this week], ready to get better," senior guard Marcus Colbert said about last week's Colorado loss. This week's win streak was sure to satisfy that appetite.

Last Thursday, Jan. 21, the Cats' first game home was a contest against a 9-8 Eastern Washington squad. The Eagles pose one of the most efficient offenses in the Big Sky Conference, making the Cats' ability to hold them to a 41.8 percent shooting average all the more impressive. The lead changed hands four times in the first half, neither team able to secure a solid lead until Colbert landed a three-pointer with seven minutes to go, igniting a 17 point scoring streak that was only broken by a missed field goal attempt by freshman guard Tyler Hall. The Cats went into the locker room up 38-30. Never again would the Cats lose the lead. They closed out the game with a secure lead of 85-71.

The dynamic duo guards, Colbert and Hall, dominated the scoreboard. Each player secured double digits for total points, leading the team in both games. Colbert and Hall have carried the Cats offensively throughout the season. The game against Eastern marked the first time since November – and just the second overall – that the two had each gone off for 20 in a game.

The Cats' most recent contest saw them facing off against a 12-7 Idaho. The Vandals were playing without their starting guards, Victor Sanders and Perrion Callendret. "[The Vandals] were playing with an arm tied behind their backs," Fish said. This gave the Bobcats a much needed advantage up front. Even with the advantage, the Cats turned the ball over nine times and were minus-2 in rebound margin in the first half. It wasn't until the second half that they were able to possess better and fought the league's best rebounding team on even terms. In fact, the Cats' overall performance in the first half was dismal. The team had its worst shooting percentage ever in the opening half of the game after only completing 28 percent of their total shots. It wasn't until the second half were they able to improve to 53 percent shooting average. The Cats secured the victory with a heart stopping finish, managing to hold off the Vandals in the closing minute with a pair of free-throw attempts being made by Hall to put the Cats ahead by four points. Followed up by solid inside defense in the last seconds of the game, the Vandals only managed to secure a layup in the paint to finish the game 70-68.

The men's basketball team goes on to face the University of Montana Grizzlies at home this Saturday, Jan. 30 in the Brick Breeden Fieldhouse at 7:05 p.m.



PHOTO BY COLTER PETERSON

Montana State's Zach Green (0) goes to the hoop against Bogdan Bliznyuk (32) during the 85-71 upset win over Eastern Washington.

Montana State ski team faces uphill battle

By ANDREW WATERS

At first glance skiing is simple: go downhill. However, competitive skiing has many intricate qualities that make it unique. First off, both Nordic (better known as cross country) and alpine (downhill) racing are scored together. They use a points system in which the skier tries to reach the highest point total. For a first place finish the winner receives 40 points for their team and the total decreases from then on. Then each team's top three finishers' scores are combined together to calculate each team total.

Nordic ski racing consists of a short distance race called freestyle with a distance of 5K for women's and 10K for men's. A longer distance race is called classical, which typically for women is a 10K and for men is a 20K. The MSU men's nordic team is lead by Sawyer Kesselheim (Sr.) he leads the team this year with 3rd and 4th place finishes in the 10K and two 6th place finishes in classical races so far this season. For the women's team Cambria McDermott took 4th in both the freestyle and classical at the Utah Invitational and 7th and 24th at the MSU Invitational.

Alpine skiing competitions consist of slalom and giant slalom which involve skiing between poles or gates. The difference between slalom and giant slalom is the distance between the gates; in giant slalom the gates are further apart. Returners David Neuhauser (Jr.) and Garret Driller (So.) are both looking to build off last season. While both have struggled so far in giant slalom, they have been successful in slalom with Neuhauser taking 5th and Driller 6th at the Utah Invitational. They were consistent at the MSU invite with Neuhauser taking 3rd and Driller 9th.

Both teams look to build from last year's success, making it to the national championships. MSU returns ten skiers from last year's 7th place team. Looking to continue to be competitive, the Cats hope freshmen Morten Bakke and Jeffery Bell can immediately contribute. In his first collegiate race Bakke impressed with a 7th place finish in slalom and 12th in giant slalom. For the women's Nordic team they look to have Anika Miller (Jr.) and Johanna Taliharm (Fr.) to have impactful seasons. Both have proven capable with Miller placing 9th at the Utah Invite and 13th at MSU Invite and Taliharm placing 6th in Utah and 15th at MSU.

Even with these new additions the path to a national championship looks rugged with the University of Denver and University of Colorado both being stacked with experienced talent. Last year University of Colorado won the national title and has been good so far this year with two second place finishes, only losing by a combined total of 17 points. Not too far behind were the Bobcats placing fourth at both events. Even though they have had some success, "They won't be satisfied, but they're getting better every day and that is the key to a good season. We just need to keep building toward NCAAs," MSU Alpine Coach Kevin Francis stated.



PHOTO BY COLTER PETERSON

Morten Bakke tucks into a gate on the final streches of the course at the annual MSU Invitational Jan. 9 at Big Sky Resort.

OUTDOORS

Gear Review: 'Ski Bozeman,' the app to help you shred

By PARKER WEBB

Recently, I previewed a new app coming to directly serve the Bozeman ski culture, an app called "Ski Bozeman." "Ski Bozeman" is ultimately a simple guidebook to backcountry skiing in Southwest Montana for your phone. At first, I was pretty skeptical of the app. Like others, I had criticism about using an app for skiing. If you go into the backcountry, you should know what you're doing and go with experienced people. You shouldn't need an app to help you understand where to go. Then I got to use the app, and realized how much it is more like a climbing guidebook than a miniature guide in your phone. Despite having spent years skiing the backcountry around Montana, I found this app to be a helpful and beneficial addition to what I bring in the backcountry.

"Ski Bozeman" is chock full of great features which make travel in the backcountry much simpler, saving you time when planning where you are going to go. It covers ski tours in the Absaroka, Beartooth, Bridger, Gallatin and Madison ranges around Bozeman. Within each ski tour, a plethora of information is given. The information includes: an overview on the area; the avalanche information; statistics of elevation gain, skiable vertical, skied aspects, distance of skin, average snowfall, avalanche terrain danger and skier traffic; how to get there with a link to Google Maps; waypoint guidance linked to Google Earth; photos; a link to the most recent GNFAC advisory report and an included, detailed map colored by slope angle.

For me, much of the information isn't overly necessary as I've traveled and skied parts of most of the areas provided. However, the app isn't redundant in the slightest bit because, like most people, I enjoy adventure and trying new areas and skiing new slopes. This is where the map included is helpful and worth the app price itself. These slope angle maps can help users get an idea of where the safest skin track can go, and reading the topography can help find new lines to ski and slopes of those lines and the danger associated with it. When not in airplane mode, your phone will show your position on the map using GPS technology within the phone. Most recently, while skiing in Hyalite (a place full of overgrown trees and difficult to find runs) I was able to not get lost while finding a slope I had never skied before. I've even used the app up at Bridger to scope a run I hadn't done before, and it resulted in tasty powpow, face shots and poaching someone's line. Using the linked waypoints into Google Earth prior to going will save that area on the Google Earth app, and using this even more terrain can get explored with less bushwhacking and more time going downhill.

Every single time I've gone out skiing this year I've used this app. I don't ski too much because I'm an ice climber, but when I go, I've used this. Even if it is to simply reverse a mistake I made by leading my party in the wrong direction, this app has been extremely helpful in minimizing time lost in the woods and increasing the time spent shredding. If you are new to the Bozeman area, or just trying to get out to new areas, using this app will definitely help ensure a better time.

Disclaimer: I was a beta tester for the Ski Bozeman app, and do know the app creator. However, being a cynical, primarily anti-technology guy, being a beta tester did not influence my opinions of this app.

The "Ski Bozeman" app will debut sometime next month and will be available on a subscription basis a the cost of $4.99 a month or $24.99 for a year long subscription.

Next edition in Culture: Gamer's Paradise — Chamber Music — Brewponent — New on Netflix — Coming to the Pro

The Bent Bones return with 'Drivin' to the Rhythm'

By ADAM WALDORF



Anthony Gaglia, left, and Cody Lindblom met in music classes in Howard Hall.

PHOTOS BY CONOR GLESNER

The Bozeman-local funk-rock phenomenon The Bent Bones have been somewhat quiet recently. They've been doing a show every now and then, but they haven't released anything new. Impatient fans are in luck, however, because they have a fresh album coming out this week, along with a release show to complement the release.

The band consists of bassist Kurt Binder, guitarist Anthony Gaglia, vocalist Cody Lindblom and drummer Hunter Hessian. They are all students at MSU with majors ranging from engineering to music. The group made it clear that getting through school is their priority right now, even though their music is what they want to do once they graduate. While The Bent Bones do provide sound that is familiar to some, their blend of funk and rock provides a nice change to a lot of the popular rock music of late. A lot of the group's musical influence comes from bands like Incubus.

"It added a ton of energy to our sound and made us sound better."

– GUITARIST ANTHONY GAGLIA, ON WORKING WITH GRAMMY-WINNING PRODUCER DOC WILEY

On this upcoming album, "Drivin' to the Rhythm", they didn't do the entire process by themselves. They had help from grammy-winning music producer and audio engineer Doc Wiley. He has helped musicians like U2, Christina Aguilera and Whitney Houston. Because of his previous experience, he was able to use his expertise to aid The Bent Bones. "Working with Doc was a really cool experience," Hessian said. "He's worked with a bunch of bands in the past, so he has seen a lot of the struggles we've had. Doc knows the process well, so he was really easy going, which made it incredibly easy and fun to work with him."

Through Wiley's aid, the Bones were able to record the album in a whole new way. Where most bands record each part separately, the new album recorded everything all at once. "Our first album was multitracked, which means that everything was recorded separately," Gaglia said. "The way Doc had us do, which was recording live, worked so much better. Rather than just listening to a track of the drums and playing along, we were able to see how we were playing and feed off each other. We were able to adapt to what everyone was doing. It added a ton of energy to our sound and made us sound better." The new music's energy is high, adding to already great music.

The Bent Bones believe that they have evolved well as a band. Through making a full-length album and multiple single releases, the band has become better songwriters. Over time, their music has evolved and become more energetic and, as a result, better. They have really settled into their sound.

Their new album will be released on Friday, Jan. 29. It will be available for purchase at any record store around town, primarily at Cactus Records or Hastings. The album will also be available on Spotify and iTunes.

The Bent Bones will be promoting the album with an all-ages show at Faultline North on Friday, Jan. 29 at 9 p.m. Tickets are available at Cactus Records or *faultlinenorth.com* for $8 for presale and $10 at the door. Students receive $1 off with a CatCard.



Bassist Kurt Binder is majoring in Music Education.



Hunter Hessian was a professional drummer for six years before joining the group.

Comedy Preview: Brian Regan coming to Brick Breeden

By ADAM WALDORF

Growing up with a mother who didn't let me get away with anything, the amount of things I could watch on TV was limited. Because of this, I wasn't able to watch a lot of stand-up comedy which was upsetting to me because, just like everybody, I enjoy laughing. There was one comedian that I was allowed to watch that has transitioned well into my adult sense of humor: Brian Regan. Because of this, I was incredibly excited when I heard he was going to be performing in Bozeman on Jan. 31.

Since his first stand-up special, Regan has been known for his appropriate but effective observational comedy. While his stand-up lacks cursing, he still talks about adult-related topics. "I hate it when people say that my comedy is 'clean,'" Regan told me. "When people say that my stand-up is clean, it makes me sound like I'm going to be up on stage tying balloon animals or something. I still talk about adult topics, like I might make a joke about signing a mortgage agreement or high cholesterol. Something that will completely go over a child's head. It gives my comedy a different kind of edge than your traditional comedian."

For those who have watched Regan's observational comedy before, this upcoming show is going to be completely new material. He said that he did a special for Comedy Central about three or four months ago, and he will only be using about 20 percent of that material at most.

His material for the upcoming show will also be a bit different than audiences may be used to. "I usually talk about things I see in everyday life. For the tour I'm doing right now, I'm trying to spruce it up a bit from what I usually do. There will be different kinds of jokes this time," Regan said. "With the upcoming election, there are so many more things I can make jokes about. So my routine will make more jokes about the government. I'll be making jokes about foreign policy, some jokes about local government and even some jokes about gun control, which I feel may strike a bit close-to-home in Montana. With those, they will be approached with kind of a new angle on the subjects. Something people haven't heard before. Going to be a little bit of that material, and a little bit of the stuff my fans are used to. It's going to be a bit different from the norm, but I still plan on talking about things that interest me."

There will be an opening act before Regan performs. The opener will start their 20 minute routine around 7 p.m., with Regan coming onstage afterwards.

So come down to the Brick Breeden Fieldhouse on Jan. 31 to watch hilarity ensue as Brian Regan delivers top-of-the-line jokes about politics along with his traditional observational comedy. You can buy tickets at *brickbreeden.com/events/brian_regan* beginning at $42.50.

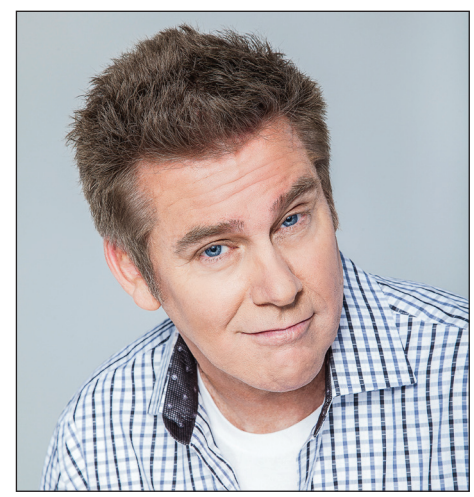


PHOTO COURTESY OF JERRY METELLUS

Comedian Brian Regan will perform in Bozeman on Jan. 31.

Beck's 'Odelay' turns 20, and still amazes

By KEEGAN GRADY

Artistic experiments seem to either be huge successes or huge failures. JS Bach's revolutionary counterpoints weren't fully appreciated until long after he was dead. Van Gogh was never alive and celebrated simultaneously. Beck Hansen, better known by his stage name Beck, is one experimental artist that found humongous success, as well as having been one of the most innovative musicians of his generation. His creative masterpiece "Odelay" celebrates its 20th anniversary this year.

Beck first found fame in 1993 with the single "Loser." The song features slide guitar and a repeating sitar line, overlaid with Beck's half-rapped angsty lyrics. It was an unexpected hit which rocketed him to success. Soon after, he recorded "Mellow Gold," his first studio album. "Mellow Gold" developed Beck's sampling techniques and distinctive lyrical wit. "Odelay" followed "Mellow Gold," and further pushed the artist into the limelight. His next studio album, "Mutations," was recorded in two weeks, and featured little doctoring, in sharp contrast to "Odelay"'s cut-and-pasted sounds. "Midnite Vultures," his next attempt, was less commercially successful, but still received a Grammy nomination for Best Album.

"Sea Change," released in 2002, marked a transition, and a radical departure from the grungy, heavily sampled sounds of "Odelay" and "Mellow Gold." The album is dark, simply lyrical and deals with themes of heartbreak and emotion. His next three albums — "Guero," "The Information" and "Modern Guilt" — show further development of style. "Guar" and "The Information" are original and vibrant, but still showcase Beck's repressed vocal style and easy lyricism. "Modern Guilt" is more subtly made, and reveals a newer, quieter sound. "Morning Phase," Beck's most recent album, trends towards the spirit of "Sea Change." It is soft, introspective and delicately styled. Lyrically, the album ranges through both the joyous and the tragic, but is never depressing.

"Odelay" is unique, to say the least — it utilizes many genres, and you cannot listen once and hope to hear every nuance. The tracks never have a clear or simple melody. They are sonic experiments, formed of interweaving tapestries of sound, which combine to form strangely compelling works. "Hotwax" is driven by a funky bass line and an old-school rap feel and features heavy use of radio static-esque guitar work. "Lord Only Knows" is grungy electronic music reminiscent of Nirvana, "The New Pollution" features a sleazy saxophone line, "Jack-Ass" sounds like a bizarre folk tune and "Derelict" is driven by a Middle Eastern drum line and sitar-like melody. Beck switches seamlessly from rapping to sounding like a folk artist to singing with heavily repressed vocals. All the while, he is helped along by the samples working behind him — everything from saxes and grungy static to organs, bells and steel guitars.

From its sampled opening riff, "Odelay" makes itself a presence to be reckoned with. It runs the full range of Beck's power, from ska-rap to bluesy folk. It is, at times, a strange mixture. However, the album holds up when listened to as a cohesive whole. From the grungy openings, it descends to scratchy folk, and then up to swinging electro-jazz. It is an auditory puzzle, a strange and compelling piece of art that has not declined with age.

"Odelay" is still fascinating 20 years later — in all that time, there has been no work that has been so violently experimental and still so commercially successful. The album is a testament to the power of innovation and creative experiments. Beck has evolved significantly since 1996 — he is no longer the King of Slackers, as the media dubbed him. For all the change, though, he is still a unique and stylish artist with a sound to match.

CLASSIFIEDS

THE PAINT FACTORY, a locally owned company, is hiring 2 P/T employees with the possibility of becoming F/T. A strong work ethic, routine lifting & a desire to learn is essential. Consistently providing excellent service is our focus. Fax or email resume Attn. Jim to 585-7124 or jim@montanapaintfactory.com

Digital skills needed. PC & Adobe proficiency. 4 flexible weeks around March in Gardiner. Housing plus $2000. 406-223-1579. trackdoctor@tracknature.com Contact: Jim Halfpenny

CALENDAR

Jan. 28 – Feb. 3

Want your event featured here? Email information to *entertainment@exponent.montana.edu*, preferably two weeks in advance.

ON CAMPUS

BREAKSAWAY REGISTRATION
Thursday, January 28, 7:30 a.m. - 5 p.m.
SUB 233
The Office of Activities and Engagement's BreaksAway program is sending five groups of students to various U.S. locations to help meet community needs over spring break. Participants can serve the homeless in San Francisco, volunteer in the great outdoors in the Gila National Forest and more. Contact Contact Brianna Cronin at the MSU Office of Activities and Engagement for questions at 994-7475 or brianna.cronin@montana.edu.

UNDERGRADUATE ART EXHIBITION
Thursday, January 28, 6:30 - 8:30 p.m.
Haynes Hall, Helen E. Copeland Gallery
MSU School of Art and the Helen E. Copeland Gallery are pleased to announce the opening of the 2016 Undergraduate Vox Populi Exhibition. This annual juried exhibition is a diverse and unique selection of artworks by MSU undergraduate students from across the campus.

SUMMIT ON SUICIDE PREVENTION
Monday, February 1 - Tuesday, February 2
SUB Ballrooms
Students, faculty, staff and administrators and public officials will come together to review relevant research, data and promising practices to reduce suicide rates and improve mental health for the students attending Montana's colleges and universities.

REGISTRATION DEADLINE
Wednesday, February 3, 4:30 p.m.
Have any paperwork left? Time to get it done. Students who have not confirmed their bill and paid fees by the end of the day will be dropped from their classes. Classes dropped after this date will not be granted refunds.

FILM, THEATER

ACADEMY AWARD NOMINATED SHORTS
Saturday, January 30, 4 - 9:30 p.m.
Live Action 4 p.m., Animation 7:30 p.m.
$8.75 for one show, $15 for both
The Ellen Theatre
The short films are traditionally among the year's most creative and surprising films. Join the Bozeman Film Society for a special screening of all the shorts nominated for Academy Awards this year. Visit bozemanfilmsociety.org for detailed descriptions of all the nominees.

COSMIC ORIGINS SPECTOGRAPH
Monday, February 1 - Friday, February 26
Museum of the Rockies
Free with museum admission
This show highlights the current research of Cosmic Origins Spectograph aboard the Hubble Space Telescope. The C.O.S. is allowing an unprecedented view into the vast spaces between galaxies which surround our own Milky Way. Join us in the exploration of this hidden universe as we decode the secrets to the Origins of the Cosmos.

MUSIC

RAP AND COMEDY NIGHT
Saturday, January 30, 9 p.m.
The Molly Brown
Come enjoy a cd release party and celebration for Dusty Dilsnick as he gives away 200 free copies of his new album "MOUSTACHE RIDE"! This night includes a fascinating collection of the area's top comedians and rap artists.

MULTIMEDIA SERIES
Sunday, January 31, 7:30 p.m.
Reynolds Recital Hall
The MSU School of Music will present a free Multimedia Series concert featuring School of Music faculty and alumni. The Multimedia Series features cutting-edge electroacoustic music and sonic/multimedia art presented both visually and sonically.

COMMUNITY

OPEN MIC POETRY
Friday, January 29, 7 p.m.
Bozeman Public Library
All genres of poetry are welcome at the mic. There are one or two poems per reading, or up to six minutes. Musical performance is always welcome. Feel free to bring a guitar or keyboard — mix it up. Poetry with strong adult content, use of explicit language, strong violent or sexual imagery is permitted, but readers are encouraged to wait until the second hour of the night to share at the mic.

SPORTS

WOMEN'S ICE CLIMBING
Saturday, January 30, 8 a.m. - 5 p.m.
Outdoor Recreation
$65
This unique opportunity is designed for women who want to get outside in the climbing world, but are still in the early learning stages. All gear will be provided. Only six spots available, so sign up fast, in person, at the Outdoor Recreation Program.

WOMEN'S BASKETBALL
Saturday, January 30, 2 p.m.
Brick Breeden Fieldhouse
Cheer on the Montana State Women's Basketball Team at the Brick Breeden Fieldhouse against the Grizzlies!

MEN'S BASKETBALL
Saturday, January 30, 7:05 p.m.
Brick Breeden Fieldhouse
The Men's team is on a heater — they won their last two games in a row, and are looking to make it three in a row. Come cheer on the Montana State Men's Basketball Team vs Montana!

INTRAMURAL DODGEBALL REGISTRATION OPEN
Monday, February 1
Marga Hosaeus Fitness Center
Today is the first day to register a team for an intramural Dodgeball League. Games will begin on Feb. 21 at the Marga Hosaeus Fitness Center. To register or learn more about other intramural options, sign in or create an account at imleagues.com/Default.aspx.

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KITCHEN KORNER

Vegetables for vegetable haters

By SONJA BENTON

My significant other used to hate eating veggies. I'm fairly certain that their diet consists primarily of Red Bull, microwavable burritos, chips and salsa and whatever I chose to cook. Some meals have instant appeal; others have been viewed with suspicion. In short, I'm a pro at feeding vegetables to a person who viewed them with thinly-veiled disgust. Now, my partner loves vegetables. I imagine the following recipe will be successful in converting most any picky eaters, whether they're children or all grown up.

Ingredients

• Brussels sprouts, halved or quartered depending on size. Or cauliflower, cut with minimal stalks. This recipe also works for asparagus, broccoli and other similar vegetables.

• Cooking oil. Make sure it works well for high temperatures, so the vegetables don't stick.

• Lemon juice. I usually use the cheap lemon-shaped bottles you find in the fruit section of the grocery store. Fresh lemons will work if you want to be fancy.

• Salt. I use a sea salt grinder. They aren't very costly and taste better than table salt.

• Garlic salt. The kind I use also has parsley in it, but that is optional. You can also use canned crushed garlic or garlic powder. If you do use garlic instead of garlic salt, you will need to add a bit more salt than the recipe specifies.

• Cavenders All Purpose Greek Seasoning. This is my favorite all-purpose seasoning. However, any all-purpose seasoning you like should work fine.

• A cookie sheet.

• Spatula that can handle high heat.

The process for each recipe is fairly different. A big thing to keep in mind for both is to always season to taste! Try a Brussels sprout from the sheet. It's a great way to test temperature, texture and flavor — especially since we all like slightly different things.

Vegetables for Vegetable Haters

Ingredients:

Cut Brussels sprouts or cauliflower
Cooking oil
Lemon juice
Salt
Garlic salt
All-purpose seasoning (like Cavender's All Purpose Greek Seasoning)
Cookie sheet
Spatula



Directions:

1. Preheat oven to 350-400˚
2. Cut and wash vegetables. Oil cookie sheet and scatter veggies evenly across it.
3. Season vegetables with drizzles of oil and lemon juice, even dustings of all-purpose seasoning and garlic salt and a quick grind of salt.
4. Check progress of vegetables every 15 minutes. Remove when edges are tan to brown.
5. Dust with seasonings to taste.

Directions

1) After cutting and washing the vegetables, oil a cookie sheet.

2) Then scatter the veggies evenly across the area.

3) Preheat your oven to 350-400 degrees. I like to use high temperatures since it results in crispy vegetables. For less crunchy ones, you may want to lower the temperature and cook them for less time.

4) While your oven preheats, season the vegetables with a quick, small drizzle of oil, a generous drizzle of lemon juice, a couple even dustings of both garlic salt and Cavenders and a quick grind of salt. You want these to turn out a bit like chips or popcorn: crisp, salty and addictive. Without the "boiled" or "mushy" flavors, they'll be a bit more satisfying to those among us that are veggie-intolerant. In this recipe, you can also feel free to add small bits of raw bacon or prosciutto to give it a more meaty flavor. Cheese is also a great addition. I've used crumbled blue cheese with Brussels sprouts and shredded cheddar with cauliflower many times.

5) Check on the progress of the vegetables roughly every 15 minutes. This will ensure that nothing burns. When the edges are tan to brown, they're ready to eat!

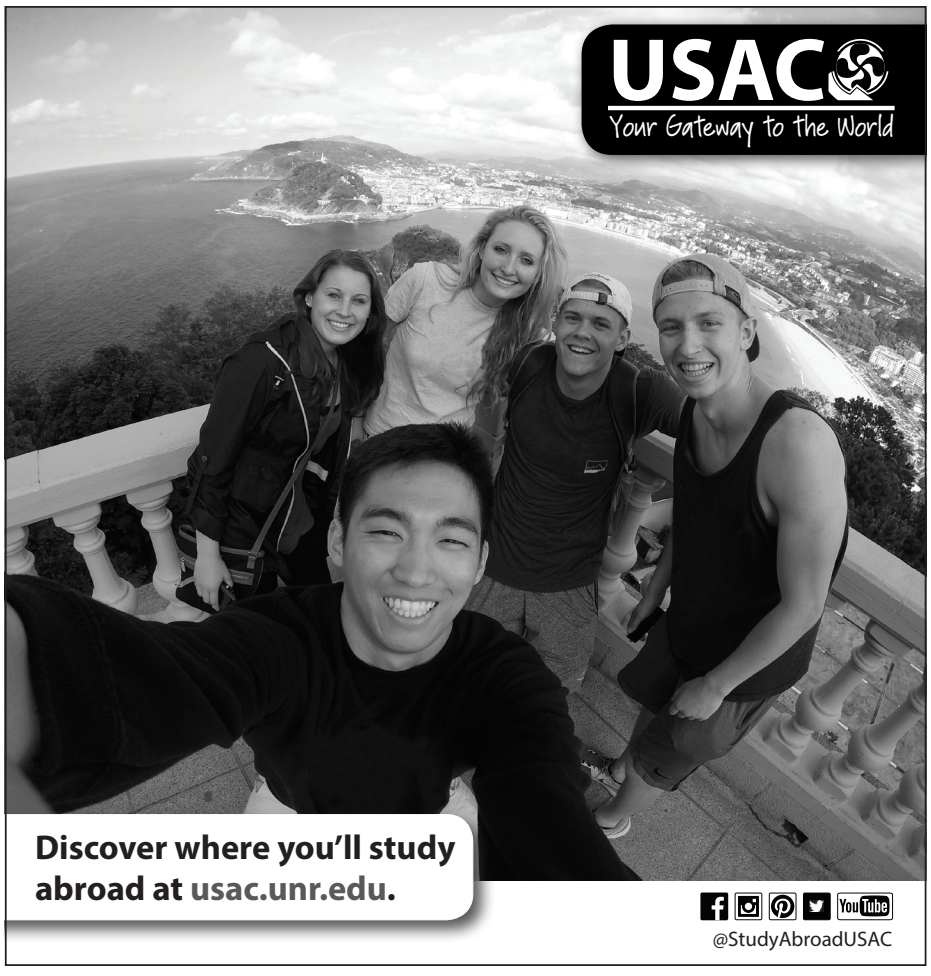
6) Dust with Cavenders, garlic salt and salt to taste. If you are using garlic rather than the garlic salt, I recommend roughly a teaspoon.

Either dish goes well with steak, pork or chicken or can liven up a pasta meal. Happy eating, and I hope nothing gets spit out!



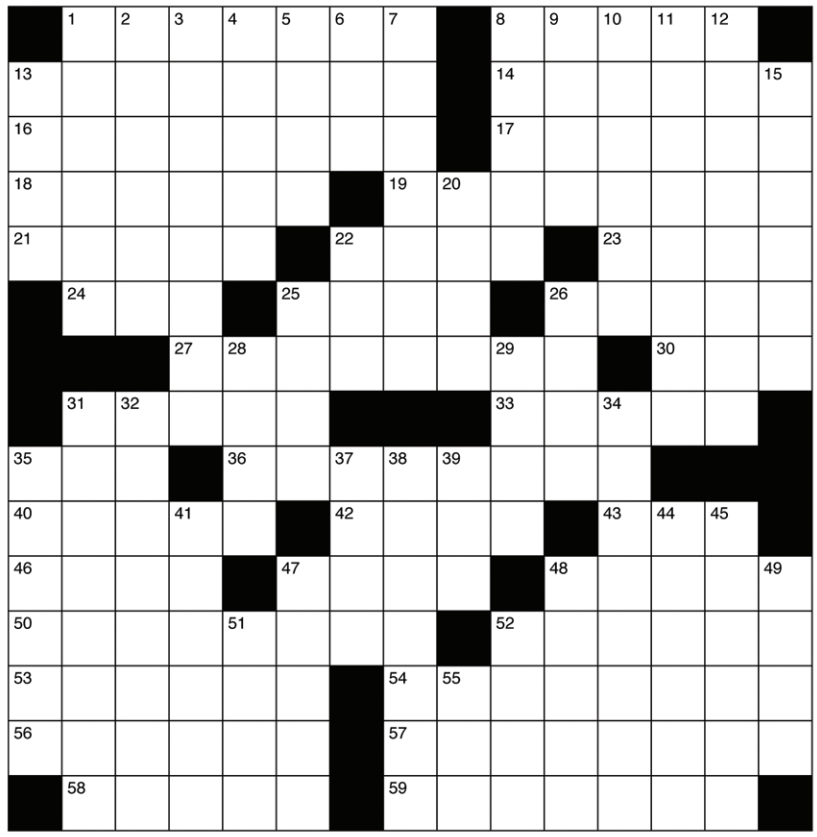
PHOTOS BY KIRA NUEBEL

Garlic salt, lemon juice, sea salt and Cavenders All Purpose Greek Seasoning can make anyone enjoy vegetables.



THE MSU

exponent PUZZLES



Across

1. Steak and hamburger
8. Clam's home
13. Bridge table action
14. Angels' rings
16. Rapper and songwriter
17. Book after Solomon
18. Munich citizen
19. Croatian for Croatia
21. Cutting room?
22. "Did You Ever ____ Dream Walking?"
23. Broncos kicker Jason
24. Romanian money unit
25. "Happiness Is a ____ Puppy"
26. River to the Missouri
27. "Act your age, not your ____"
30. Super ___ (game console)
31. "Old MacDonald had a farm, ____ "
33. Falco and McClurg
35. Blind European salamander
36. Tense feeling
40. Biochemical compound
42. Added particulars
43. 1971 Piers Anthony book
46. Raid alternative
47. Will-o'-the-____
48. Filet mignon, e.g.
50. Squandered
52. Fear
53. Garments
54. Plato, e.g.
56. Couldn't do without
57. Deep-sea diver's distress
58. Go formal
59. 2008 Democratic presidential candidate John

Down

1. Show
2. Olympic swimmer Gertrude
3. Character at a fictional tea party
4. Disney film set in China
5. Abba of Israel
6. Pacino and Gore
7. Secures to a post, as a horse
8. Hinduism's destroyer
9. Al-____, Saudi Arabian region
10. Thrills
11. The Daily Planet reporter
12. Water main breaks
13. Rules, in brief
15. Brings dishonor to
20. Do followers
22. Manuscript encl.
25. Lumber
26. Huge Brit. ref. works
28. Hightailed it
29. What to catch at nap time
31. Drew forth
32. Charlatan (var.)
34. Brand of therapeutic gloves
35. 1990's Rosencrantz, or was he Guildenstern?
37. Failure for a dieter
38. Administer the oath of office to
39. Can. pol. party
41. Not outdoors
44. Fix old books
45. Water nymphs
47. Unwanted vegetation
48. Queen of ___
49. Neighbor of Okla.
51. White House VIP
52. "I'm glad that's over!"
55. Minister's deg.

For links to ANSWERS, go to facebook.com/MSUExponent.

Easy

8	7	1		9				5
			5		2			
3		5	6	7				9
1		2		4		9	6	
6		4			5	3	1	
2		6	1		8			
				6		8		
7			4				3	

Hard

	4		3		2			9
	2	3					7	5
		1						3
			9		6	3		
			1	7				
	8	5						
			7				1	
	5				4			
4			6	8				

Q	R	Y	H	S	U	M	B	C	S	M	U	G	L	Y
N	H	L	G	N	I	T	S	O	H	G	R	R	M	T
W	Y	L	S	O	A	N	I	N	F	I	E	L	D	S
Y	M	A	E	R	C	J	Q	S	L	P	F	N	U	U
T	N	N	I	T	C	W	T	U	E	M	E	W	A	D
I	A	O	T	H	I	T	E	L	E	G	R	A	P	H
N	L	I	I	E	D	N	L	A	S	S	E	R	T	S
I	S	T	N	A	E	E	N	E	R	K	T	D	L	E
V	D	N	G	S	N	T	L	Y	V	C	I	I	Y	T
I	E	E	I	T	T	C	F	E	I	O	H	N	D	T
D	N	T	D	E	A	E	X	D	S	H	W	E	E	E
T	W	N	B	R	L	E	D	L	P	S	N	A	R	L
M	O	I	O	L	S	A	N	I	S	U	O	C	A	A
O	R	N	S	Y	P	A	T	T	A	C	K	N	C	P
B	C	U	R	I	N	G	C	O	W	A	R	D	S	M

Accidentals
Addict
Agent
Aptly
Archer
Attack
Bribe
Consul
Cousin
Cowards
Crowned
Curing
Dignities
Divinity
Drawn
Dusty
Edits
Fells
Flees
Ghosting
Hymnals
Infields
Inquest
Lessons
Meant
Mushy
Northeasterly
Oracles
Palettes
Refer
Repellent
Scared
Shocks
Smugly
Snarl
Telegraph
Tilde
Tinny
Unintentionally
Vexes
Wasps
Whiter

the BOX

Most popular reasons to give up on a resolution

Brownies aren't going to eat themselves

Netflix exists

9 a.m. class is so early

Champ shot friend in the face with a nerf gun

Classes have mandatory attendance

Scared to leave home — The Donald gonna deport everyone

Cruzado didn't make tuition free. Again.

Crowded gym

Had to listen to posthumous Tupac album

Therapist's hours didn't work with my schedule

Granny's Donuts

10 a.m. class is so early

2 p.m. class is so early

Limit to number of pets one person can legally adopt

Scared to leave home — Obama gonna take the guns

Hard to do homework drunk

FUN FACT: The biggest flying reptile was the Quetzalcoatlus. It had a wingspan up to 39 feet.