

THE  
**Baro**

Amplify.

orange  
media  
NETWORK

# Marching in Solidarity

Students protest throughout campus, seeking to bring attention to microaggressions and certain building names

Page 4





KAT POLLAN AND ZBIGNIEW SIKORA | ORANGE MEDIA NETWORK

Highlights from the Solidarity March, a protest which took place on Oregon State's campus from Tuesday, Feb. 28 to Friday, March 3.

# EDITORIAL: Steadfast in our values

It is a newspaper's responsibility, first and foremost, to be objective. We at The Baro take our responsibilities very seriously, and therefore understand the power and impact an editorial can have. With that in mind, when remaining silent is itself a stance, we are obligated to vocalize ours.

A couple of weeks ago, several copies of our Feb. 13 issue, which featured the cover story "Seeing past stereotypes," were defaced. Several bars had been deliberately drawn over our cover model's face, and the issues were subsequently returned to the stands. The model in question happened to be Muslim, and wearing a hijab.

It should go without saying, but we as an editorial staff do not agree with this char-

acterization of a person as a criminal based on their religious beliefs. The freedom to express one's faith openly is guaranteed not only by Oregon State University, but also by the U.S. Constitution.

As we stand against generalizations of people, we also stand for accurately representing individuals. We hold firm in our values, and we strive to apply them across the board. Without universal application, principles have no meaning.

For this reason, we have also chosen to identify the participants in the protest we covered this week in the photos that we took through our coverage.

True journalism and objectivity does not know bias, and the standards that we are held

to as the media remain true for all that we do.

By now, you may have seen our online coverage of the Solidarity March that took place on the Oregon State University campus this past week.

As we do with all stories we cover, we identified and published the names of individuals that were included in the photos our photographers took over the course of four days.

Our goal this year as a publication is to amplify the wide variety of voices that exist in the larger OSU and Corvallis communities, and one way in which we aim to achieve this goal is through our complete and accurate coverage of the various events and happenings on campus. The protest is included in this list.

As journalists, we strive to provide a plat-

form for all voices to be heard. This past week, several voices of students were heard throughout campus, and it is our duty as a publication to provide accurate coverage of campus events. Therefore, we made the decision to publish the names of those participating in the Solidarity March.

If the subject of a news story is allowed to determine how they are covered, the media ceases to be an independent, unbiased and objective guardian of the public.

We as individuals have our own opinions and beliefs, but on this point we stand together and declare in one voice: The Baro will remain steadfast in our accurate and objective coverage of campus and community events.

# Third case of meningococcal disease confirmed at OSU

By The Baro Staff

Oregon State University announced on March 2 that an undergraduate student attending the Corvallis campus has been diagnosed with having the meningococcal disease. The student remains in the hospital, but is in good condition according to the university.

This is the third confirmed case of meningococcal disease in the past four months, which has prompted public health officials to put OSU on "outbreak status," according to the university.

OSU will follow the protocols of the Centers for Disease Control and Prevention and recommend meningococcal B vaccinations for students who are at the highest risk, the university said. This vaccination program will be offered in cooperation with OSU Student Health Services, Benton County Health Department, the Oregon Health Authority and other health care partners.

"We believe it is important that students ages 25 and under, especially those living in group housing, do get a vaccination this week," said Steve Clark vice president of University Relations and Marketing. "One vaccination brand requires two doses, and another requires three. We recommend students follow through and complete the vaccinations, because just getting one vaccination will not prevent the disease.

The university recommends contacting respective insurance companies before receiving the vaccination, according to Clark.

"We are recommending strongly that students and their families contact their insurance companies before getting the vaccination, but we will not exclude students based on their financial situation," Clark said.

The university went on to say that although this is a serious matter, it is not an emergency.

The county health department is working with OSU officials, local medical providers and state public health officials to identify anyone who may have had enough close exposure to the ill student to require preventive antibiotic treatment. As of today, more than 40 individuals have received preventive treatment. Since the disease is not easily spread from one person to another, county health officials are confident that they have identified and treated all close contacts of the most recent

case and that no one else requires preventive treatment at this time.

The university will offer vaccination clinics on Wed., March 8, and Thurs., March 9, in McAlexander Fieldhouse from 9 a.m. through 6 p.m.

The university advises that students check with their insurance provider about coverage for receiving a meningococcal B vaccination at OSU.

"Be sure your insurance provider understands that the Corvallis campus has been designated by public health officials to have an "outbreak" status," the university said.

Students that do not have insurance will be offered the vaccine through other resources that the university will detail later this week.

"Be sure your insurance provider understands that the Corvallis campus has been designated by public health officials to have an "outbreak" status," the university said.

Students that do not have insurance will be offered the vaccine through other resources that the university will detail later this week.

The university noted that awareness of meningococcal disease is very important in effectively managing the disease. Although meningococcal disease is very serious for those who become infected, it is not a highly contagious disease.

According to the university, those that are most often affected include individuals who are 25 years old or younger. The disease is transmitted only through direct contact with droplets from an ill person coughing or sneezing, other discharges from the nose or throat, by sharing of eating and drinking utensils, smoking devices or intimate contact.

Symptoms of the disease include high fever, headache and stiff neck, diarrhea, vomiting and nausea, the university said. However, some people do not get the full range of symptoms, but may exhibit a rapidly developing rash on the armpits, groin and ankles as well as in areas where elastic pressure is applied.

"Students experiencing these symptoms should immediately visit OSU Student Health Services located in the Plageman Building, 108 SW Memorial Place. If symptoms are sudden and severe or occur after hours, immediately go to an urgent care or hospital emergency room. Non-students experiencing symptoms should contact their primary care physician, an urgent-care medical clinic or a nearby hospital emergency room.

## Student Health Services

Plageman Building  
108 SW Memorial Place

## McAlexander Fieldhouse

1800 SW Jefferson Way

## OSU Student Health Services Nurse Advice line

(541) 737-2724

## Benton County Health Department communicable disease nurse line

(541) 766-6835

Scan the QR code to access more information about meningococcal disease through the Student Health Services webpage.



## Community Calendar

### MONDAY, MAR. 6

#### Mandala Mondays

You can lower your stress while creating something beautiful with adult coloring. Participants can hand-color a Mandala design or create their own. This event is sponsored by the OSU Craft Center and Counseling and Psychological Services, and takes place from 1-3 p.m. in the SEC basement.

### TUESDAY, MAR. 7

#### CEOAS Seminar

The College of Earth, Ocean and Atmospheric Sciences will be hosting a seminar by Isabela Le Bras of the Woods Hole Oceanographic Institution on observing and modeling stirring of the Deep Western Boundary Current. This event will take place from 3:30-4:30 p.m. in Burt Hall.

### WEDNESDAY, MAR. 8

#### Electoral College Panel

The Citizenship and Crisis Initiative will host a panel of OSU faculty from the School of History, Philosophy and Religion and the School of Public Policy to address this question by examining the origins and implications of the Electoral College. Presentations by the panelists will be followed by questions and audience discussion. The panel will include professors Chris Stout, Andrew Valls, Ben Mutschler and Alison Johnston. This event will take place in from 4-5:30 p.m. in Memorial Union room 213.

### THURSDAY, MAR. 9

#### Tuition Open Forum

The MU and ASOSU are sponsoring an open forum for students to learn about the OSU 2017-18 tuition rate proposals. There will be time for questions and an opportunity to provide feedback on the proposals. Dr. Sherman Bloomer, Director of Budget & Fiscal Planning, is the host for this event, which will take place from 12-1 p.m. in the MU Lounge.

### FRIDAY, MAR. 10

#### Music a la Carte

Music a la Carte presents a performance by the OSU Campus Band from 12-1 p.m. in the Memorial Union Main Lounge.

### SATURDAY, MAR. 11

#### Microbiomes: Imagining the Unseen

This exhibit showcases the abstract and stylized visual art works of several local artists, focused on reimagining the beauty of microbial ecosystems. This event will take place all day in the Little Gallery in Kidder Hall.



Contact the editor:  
541-737-3191

Business:  
541-737-2233

On Campus:  
SEC fourth floor,  
Oregon State University  
Corvallis, OR 97331-1617

Please direct news tips to:  
541-737-2231  
baro.news@oregonstate.edu

To place an ad call  
541-737-6373

EDITOR-IN-CHIEF  
Riley Youngman  
baro.editor@oregonstate.edu

NEWS EDITOR  
Sarah Berge  
baro.news@oregonstate.edu

MANAGING EDITOR  
Lauren Sluss  
baro.managing@oregonstate.edu

NEWS/SPORTS CHIEF  
Brian Rathbone  
newsblast1@oregonstate.edu

WEB & MOBILE MANAGER  
Gabriel Shields  
omnweb@oregonstate.edu

PHOTO CHIEF  
Zbigniew Sikora  
omn.photo@oregonstate.edu

COPY EDITORS  
Delaney Shea  
Joe Wolf

The Barometer is published on Mondays, except holidays, during the academic school year with additional content, including video available online.

The Daily Barometer, published for use by OSU students, faculty and staff, is private property. A single copy of The Barometer is free from newsstands. Unauthorized removal of multiple copies will be considered theft and is prosecutable. Responsibility: The University Student Media Committee is charged with the general supervision of all student publications and broadcast media oper-

ated under its authority for the students and staff of Oregon State University on behalf of the Associated Students of OSU.

Formal written complaints about The Barometer may be referred to the committee for investigation and disposition. After hearing all elements involved in a complaint, the committee will report its decision to all parties concerned.

COVER: Marwah Al-Jilani, a participant in the Solidarity March that took place this week on OSU's campus, leading the group in chants in front of Kerr Administration building. Photo by Zbigniew Sikora.



# Students march in solidarity

Protesters seek to bring attention to microaggressions, certain building names

By Valerie Maule, News Contributor

"Out of an ethic of love, we must disrupt!"

This chant could be heard throughout campus from Tuesday, Feb 28 to Friday, March 3, when around 20 students marched through Oregon State University and many other students, faculty and community members could hear their cries.

Their mission was to disrupt the normalization of micro-aggression on campus. Self-named the Solidity March, the protest's main focal point was that OSU has normalized microaggressions by continuing to have names of buildings around campus in honor of supposed white supremacists, as explained through protesters' signs, chants and fliers passed out.

Some of the campus buildings in question are Benton Hall, Arnold Dining Center, Gill Coliseum and Avery Lodge.

Marwah Al-Jilani was one of the speakers

for the Solidarity March, and spoke to why the naming of these buildings matter.

"Changing the names, how would that make every student of color feel on this campus? We have to think about that. Every student is going to think differently about it. But the point is that it's saying that we don't want to uphold and honor this past, and we see you, we see you," Al-Jilani said. "That says volumes about the kind of history we want to honor and who we are trying to uphold and who we are trying to exclude."

"I think it's important to show solidarity with the students of color on campus to let people know that their history, the history of OSU, is one fraught with racism and also to hopefully get some change done," said Robin Morris, Solidarity March participant. "The buildings are more of a symbol. The attitude here at OSU that excludes students of color."

According to Malik Ensley, one of the protesters in the march, the protesters want to see changes take place on campus.

"We want proactive stances. We want administration to be like, 'Whoa, we want to increase our inclusivity, we want to increase our number of students of color, how do we do that?' Instead of building cultural centers, how about we change the names of these racist buildings? How about we fund more of faculty to be here? How about we give them space to set up a community?" Ensley said. "Instead it's like 'we already have these buildings, but let's make a committee to make sure that there are no more buildings like that.'"

On Tuesday and Wednesday, the protesters took the march into lecture halls, including Austin Hall and Kearney Hall, while class was in session. According to Vice President of University Marketing and Relations Steve

Clark, although student activism on campus is encouraged by the university, students who are protesting and enter campus classroom buildings during lecture hours are in violation of the OSU Time, Place and Manner policy.

"We have two policies. One deals with freedom of expression and how the university provides for individuals to express themselves freely. That's guaranteed by the Constitution of us and Oregon. We have policies associated with how we encourage individuals to share their free speech," Clark said. "Such policies include the Time, Place and Manner policy, which really guides how individuals can engage themselves in expressing free speech and expression. Enables folks how to picket, give speeches and petitions."

According to Clark, places that the Time, Place and Manner policy prohibit protest include classroom buildings, research



(LEFT) ZBIGNIEW SIKORA (ABOVE) KAT POLLAN | ORANGE MEDIA NETWORK

Members of the Solidarity March walk through campus holding signs. Their goal was to disrupt the normalization of microaggressions they felt on campus.

and lab facilities, the Valley Library and Student Health Services.

The students received a warning from the university Thursday that if they were to violate school policies again, they would be sanctioned.

Al-Jilani recognized that the Solidarity March was against school policy, but she believes that going against school policy was going to be the only way to send a clear message to get administration to change.

"Sometime it takes a big step in civil disobedience to get things done," Al-Jilani said. "Yeah it's against school policy, but hey, they need to do it or else they. Won't. Change. It. We are going against school policy intentionally, because that's the only way things get changed. People say we should protest on the weekends, who's here on the weekends?"

Not everyone agreed with the way the students were participating in the march. Student vlogger Matthew Rockhold found the march to be very disruptive when he was in class and went outside to shoot his experience.

"I get what they're saying. Equality and individualism in America is huge, especially the issue with race," Rockhold said. "Oregon State does

a really good job at catering to everyone's needs...at this point I think it's a little disruptive when they go into a lecture hall like Austin, (inside of) which there is a ton of people working hard, who have been here for four years, working on projects or midterms and that they're about to go take a blow horn with 20 plus people with signs. I just think that at that point there's just a little bit of a line that you've crossed."

Mixed opinions concerning the march led to a physical altercation taking place outside of Kearney Hall on Wednesday, March 3.

Despite some of the backlash the protesters received, there are other students who are in fact in favor of the movement. On the second day of the march, pre-public health

major Rebecca Ramirez was sitting at one of the stands outside the Memorial Union quad when the protest marched through.

"I really like what they're doing; I think it's important and I think that more people should be aware," Ramirez said. "I'm glad that they're handing out these fliers because when people see them walking by and hear them and they don't know what they're saying, it's good that they can give us this and be like 'here, educate yourself, know what's going on and now you can also have the power to speak up for what's right.'"

The student protesters are setting up a petition that will be brought up to the administrators in regard to their demands, according to Al-Jilani.

"We want to demand that these things be changed. We are going to start a petition to have student signatures for these name changes," Al-Jilani said.

"I know administration does want to meet and talk about our demands, so we are going to come up with a few demands to show administration."

The university is already taking steps to address the potential renaming of certain campus buildings, according to Clark.

"I created an advisory committee called the Building and Place Advisory committee. That committee is co-chaired by (Joseph) Orosco and Larry Landis, OSU archivist at the Valley library. They have worked over the last nine or so months on what is a draft that will be formalized next week. The university, myself and the President have accepted," Clark said. "The process by which, if individuals brought to the attention of the university concerns of the naming of the individuals in their actions in their life that are inconsistent with OSU's mission; the architectural naming committee will have a process to evaluate those concerns, to examine in full, and after that evaluation is completed, the process would be to communicate to the OSU community what the findings were."

Sometimes it takes a big step in civil disobedience to get things done.

Marwah Al-Jilani  
Solidarity March participant

# BEAVER CHILL

## DE-STRESS FOR FINALS



Wednesday, March 8th  
3:00 - 6:00 pm in SEC112

- FREE 10 minute massages!
- FREE coffee and snacks!
- Games and puzzles!
- Biofeedback!

Sponsored by Student Leadership and Involvement. For accommodations related to a disability, please contact SLI at 541-737-0760 or student.orgs@oregonstate.edu

## Classifieds

### Help Wanted

**A TEAM OF MARKETING GENIUSES** based at a first-class university are invited to apply to develop a marketing plan to help convince parents around the world that (a) their child is a potential genius; (b) that the Maxwell-Takahashi curriculum based upon 2,000 years of research facilitates the training of that genius; and (3) 7 minutes a day of parent-child intellectual play will almost ensure the child a prosperous future. Send Team's résumés to The Genius Discovery Academy, 700 Tremont St., Selma, AL 36701. In return the candidate Teams will receive a summary of the research evidence that all humans are potential geniuses at conception; a curriculum guaranteed to raise the IQ of a child by 10 points; and an invitation to design and execute a marketing plan to usher in the Genius Revolution. The chosen marketing team(s) will share in the profits from the mass marketed nine-year Parent-Child curriculum.

### Help Wanted

**WHITEWATER RIVER GUIDE SCHOOL** Spring Break 3/25-3/31: Comprehensive whitewater guide training, a true adventure of a lifetime. Summer employment opportunities. Details at [www.HighCountryExpeditions.com](http://www.HighCountryExpeditions.com) / 541.822.8288

### BUYER BEWARE

The Daily Barometer assumes no liability for ad content or response. Respond at your own risk.

# NOW HIRING

## BAROMETER & MAGAZINE WRITER

Looking for a student with strong written communication skills.

- Gather, pitch, report, and write articles for The Daily Barometer, and Orange Media Network magazines, as assigned by editors.
- Subjects may include news, sports, arts, or other topics.
- Meet new people, tell stories and get your work published.



orange media  
NETWORK

You're on.

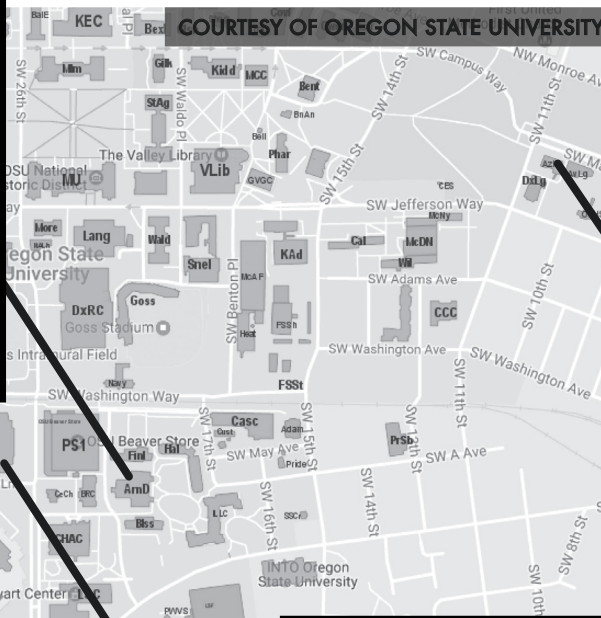
To apply, click on the  
Get Involved tab at:

[OrangeMediaNetwork.com](http://OrangeMediaNetwork.com)

# Controversy on campus

## Students call for name changes of Arnold Dining Center, Benton Hall, Avery Lodge, Gill Coliseum

By Erin Dose, News Contributor



PHOTOS BY JACQUIE GAMELGAARD (ABOVE) AND ZBIGNIEW SIKORA (LEFT, BELOW) | ORANGE MEDIA NETWORK

Avery Lodge (above), Arnold Hall (left), And Gill Coliseum (below) are among the buildings with names tied to white supremacy.

Students rush in and out of Oregon State University buildings every day. Their feet squeak on the tiles, the doors swing open and closed and rain beats against the windows. While these everyday scenes inside OSU buildings seem innocent, the names associated to some of these structures are more controversial.

During marches on campus throughout last week, members of the OSU community called for a change of the names of three buildings on campus: Arnold Dining Center, Avery Lodge and Benton Hall. All of the people attached to these names have racist ties in their personal history.

While the protest's webpage did not mention Gill Coliseum, named after Ralph Gill and established in 1949, it is another building with a controversial history surrounding the name, according to Joseph Orosco, an OSU associate professor of philosophy.

The nation became focused on issues of white supremacist ties after the 2015 shootings in North Carolina by Dylan Roof. Social protest movements following the shootings raised awareness around white supremacy, according to Orosco.

"A lot of people started looking at ties at white supremacy and Confederacy and people started looking into the naming of buildings," Orosco said.

According to Orosco, over the past few years, the controversial names of Arnold Dining Center, Avery Lodge and Benton Hall have been a point of student concern. Several members of the community are looking into who is being honored with these names, according to Orosco.

"We are dedicated to values of diversity. Part of what's going on here is that the names of certain individuals attached to buildings on campus are not consistent with that mission," Orosco said.

Tamara Benedict, a psychology student at OSU, said she believes changing the names is in order if the people associated have strong

ties to racist activities and beliefs.

"If we are advertising a name, we are basically endorsing that person's actions," Benedict said.

In the case of Arnold Dining Center, the building was named after OSU's second president, Benjamin Arnold. It was built in 1972. The building is close to the Finley and Bloss residence halls, named after the first and third OSU presidents respectively, according to OSU archivist Larry Landis.

"Arnold, early in his life, did serve in the Confederate army. That is the issue surrounding Arnold Dining Center," Landis said.

Avery Lodge is another controversially named building, built in 1996. Avery was one of the founders of Corvallis, and has a connection to the founding of OSU in 1868 as well, according to Landis. Avery also had a strong tie to slavery.

"Avery was the editor of a newspaper that was pro-slavery in the 1850s," Landis said. "That's the issue today."

Benton Hall, located on the west side of campus, was named for Benton County. Citizens of the county donated to have the building created in 1887 and 1888. The structure was at first called the administration building, according to Landis.

"It wasn't named Benton Hall until 1947, the centennial of the establishment of Benton County, in honor of the citizens of Benton County," Landis said.

However, all of Benton County was named after Thomas Benton, who was a Missouri senator and partly responsible for the establishment of Oregon, according to Landis. His legacy wasn't without controversy.



"Benton was pro-slavery for a good portion of his life, and his policies, including westward expansion, included the oppression of Native Americans," Landis said.

According to Orosco, there is a group working within OSU's administration to plan a process of renaming these buildings.

"The university has been working on this for almost a year now. In the next month or so, we'll be unveiling a process about deciding to changing the name," Orosco said.

According to Steven Clark, the OSU vice president of university relations and marketing and chair of the architectural renaming committee, the university will evaluate the controversial building names in stages of two.

"(We would) evaluate at least two of the four buildings to make a recommendation to the president by the end of spring," Clark said. "Then we would do the other two buildings during fall, and conclude that with a recom-

mendation to the president."

According to a draft of a proposal by the Building and Place Names Advisory Committee, the names might end up being changed, or may result in public education surrounding the names and figures they represent.

"Where renaming not recommended, permanent education to allow for ongoing community education and engagement should be considered and recommendations included in the written report," the proposal reads.

Education may prove helpful to the OSU community. According to Benedict, her opinions on the building names reflect entirely on her knowledge of the individual.

"A lot of people make decisions that historically are wrong but maybe didn't know what to do at the time. So I'd want to know more," Benedict said.

## Draft of the Building and Place Name Advisory Committee Renaming Evaluation Process

### Step 1

Request to rename submitted to Architectural Naming Committee

Request needs to include:

- Narrative explaining basis for renaming request
- Citation to references
- Attachments to support renaming request

### Step 2

Preliminary evaluation of renaming request by ANC sub-committee

Does sufficient documentation exist to demonstrate that the actions/viewpoints of the individual for whom a building is named may be inconsistent with OSU's mission?

YES

NO

ANC sub-committee evaluates request to demonstrate whether to advance to full renaming analysis

ANC sub-committee does not advance request to full renaming analysis

### Step 3

Full evaluation of renaming request by full ANC

Was the context of an individual's life/legacy inconsistent with OSU's contemporary mission and values?

YES

NO

Full ANC makes recommendation to President to rename

Full ANC does not make recommendation to President to rename

INFORMATION FROM SCOTT VIGNOS

## KEEP SOCIAL AWARENESS FOR EVERYONE



ZBIGNIEW SIKORA | ORANGE MEDIA NETWORK

Due to its disruptive nature, demonstrators were forced to remain quiet when entering university halls. OSU student Justin Nielsen and his fellow protestors used tape to demonstrate their opposition to the ruling.

## Students encounter microaggressions

OSU works toward educating through discussion

By Sydney McHale, Keep S.A.F.E. Blog Manager

Along with shedding light on the history of people certain buildings on campus are named after, the Solidarity March highlighted the presence of microaggressions within Oregon State University.

According to Jason Dorsette, the OSU associate director of Diversity and Cultural Engagement, "Microaggressions are discriminatory incidents that come from well-intended people that do not have the historical background that what they're saying or doing is wrong. They are unintentional racist or discriminating instances."

In between the chants and facts about OSU building history, Maysa Shakibnia, a protest attendee, was able to give her definition of a microaggression.

"When people think of racism they think of only overt racism, so that's what it becomes synonymous with, but microaggressions do take a toll on individuals. So microaggression is not overt racism, or something you see, but it's the little things that happen, whether you can't find your bandaid of your color, or someone makes discouraging remarks to you based on your identity," Shakibnia said.

Microaggressions happen everyday and go unnoticed, according to Dorsette.

"The way society has created different labels on us and the media, through TV, advertising, social media, it has propelled injustices like these. People are experiencing and using microaggressions unknowingly," Dorsette said.

Julia Matthew, a peer facilitator at the Eena Haws Native American Long House, took the

understanding of a microaggression to the next step in her own personal life examples.

"In high school I went to a very white high school and my friends would say, 'Oh you're my pretty Native,' which is like a compliment, but at the same time, the backside of that is that natives aren't pretty, and that's a microaggression," Matthew said.

In attempts to continue the search for a complete definition for microaggressions, and the damage that can be made, the place to go was to the protest itself.

According to Shakibnia, it's these little forms of racism that affect people and students of color.

"These instances are caused through a lack of knowledge and a lack of understanding," Dorsette said.

OSU is working toward educating, informing and changing through bold, difficult discussions, according to Dorsette. These discussions need to happen in order for OSU community members to make positive social change for the future.

"The thing about us is we have discussions and we have bold discussions. You should go into these discussions realizing it's going to be hard and that I may be triggered by something or someone, and they may not understand my situation at the time, but we have to have hope in these conversations and try our hardest to give others the benefit of the doubt. We have to hope we are planting seeds of wisdom and hope that those seeds flourish and grow into something better," Dorsette said.

# Creating more inclusive workout spaces

Dixon Recreation Center working to increase women's use of facilities

By Tiffani Smith, News Contributor

Working out can already be intimidating for various individuals. As a woman, walking into an environment where men outnumber the women can place even more obstacles in the way of participating in physical activity.

Some recreational sports facilities, such as weight room one in Dixon Recreation Center, can be demographically male-dominant, according to Josh Norris, the assistant director of the Adventure Leadership Institute and an ALI Instructor. Because of the overall environment, including the demographics, certain individuals may be uncomfortable with using these facilities. However, the Department of Recreational Sports is constantly working toward making all facilities inclusive for everyone.

"While we continuously strive to make all recreational sports facilities and programs as welcoming as possible, we recognize that certain spaces can be perceived as intimidating," Norris said.

Access to fitness facilities is important for women, as well as individuals in general, especially at a young age, because it allows people to better their overall health, according to Cindy Howard, co-owner of Downing's Gym in Corvallis and personal trainer.

"I think it's really important for people to start (exercising) at a young age and continue that on. It's a lot harder when you get older and I think it prevents a lot of things that women go through," Howard said.

Beyond the Department of Recreational Sports, Oregon State University provides other fitness opportunities for students. Casey Leslie, an OSU junior studying biohealth sciences, chose to take the physical activity course Weight Training I for Women. Leslie feels more comfortable in this PAC class than in Dixon because of the demographic of the weight room in Dixon.

"Beginning weight lifting seemed like the best choice because even if you know what you are doing in a free-weight room, it is uncomfortable exercising with a bunch of eyes watching your every movement," Leslie said. "Personally, I have only been in Dixon a handful of times and prefer to use the machines upstairs rather than on the main floor because it is always packed full of people, mostly guys, and I'd rather work out without being self-

conscious of how I look."

Recreational sports administration is constantly working towards creating inclusive environments in all facilities and programs, with the main goal being to provide options for all individuals to be physically active on campus, according to Tina Clawson, the senior assistant director of advancement and assessment.

In marketing specifically, recreational sports administration aims to portray the intended inclusivity of all recreational sports facilities and programs through various forms of media. These forms of media include, but are not limited to, Instagram, Twitter, Facebook and Youtube, as well as photos and written information displayed within facilities, such as Dixon.

"We make a conscientious and concerted effort to use images that depict the diversity of the community we serve. I think people are more apt to engage when they see others with whom they identify already engaged," Clawson said. "If and when they see individuals with whom they identify in our posters, our fliers, in our employment, sitting at our entry desks, I think all of those things say, 'come in,' 'welcome,' 'we want you here,' 'you're welcome here,' 'let us know what it takes to make you feel comfortable.'"

"We try to discover what those barriers are, and then address those barriers," Clawson added. "We want to remain responsive and relevant to students. So if people see a barrier, we want to hear it."

Perseverance and self-assurance are key traits women need to triumph personal barriers and challenges they face in the usage of recreational sports facilities and programs, according to Elhum Oskui, a Corvallis community member and avid member of Dixon.

"I feel that I represent a dedicated, strong group of women at Dixon. Not all women make it to the gym almost every day and put in the work. It takes a lot of willpower and dedication," Oskui said.

She has been featured in the Gazette-Times, on the OSU website and in various forms of the Department of Recreational Sports' social media for her active use of recreational sports facilities, and the tenacity she has for representing strong women within the facili-

ties she uses.

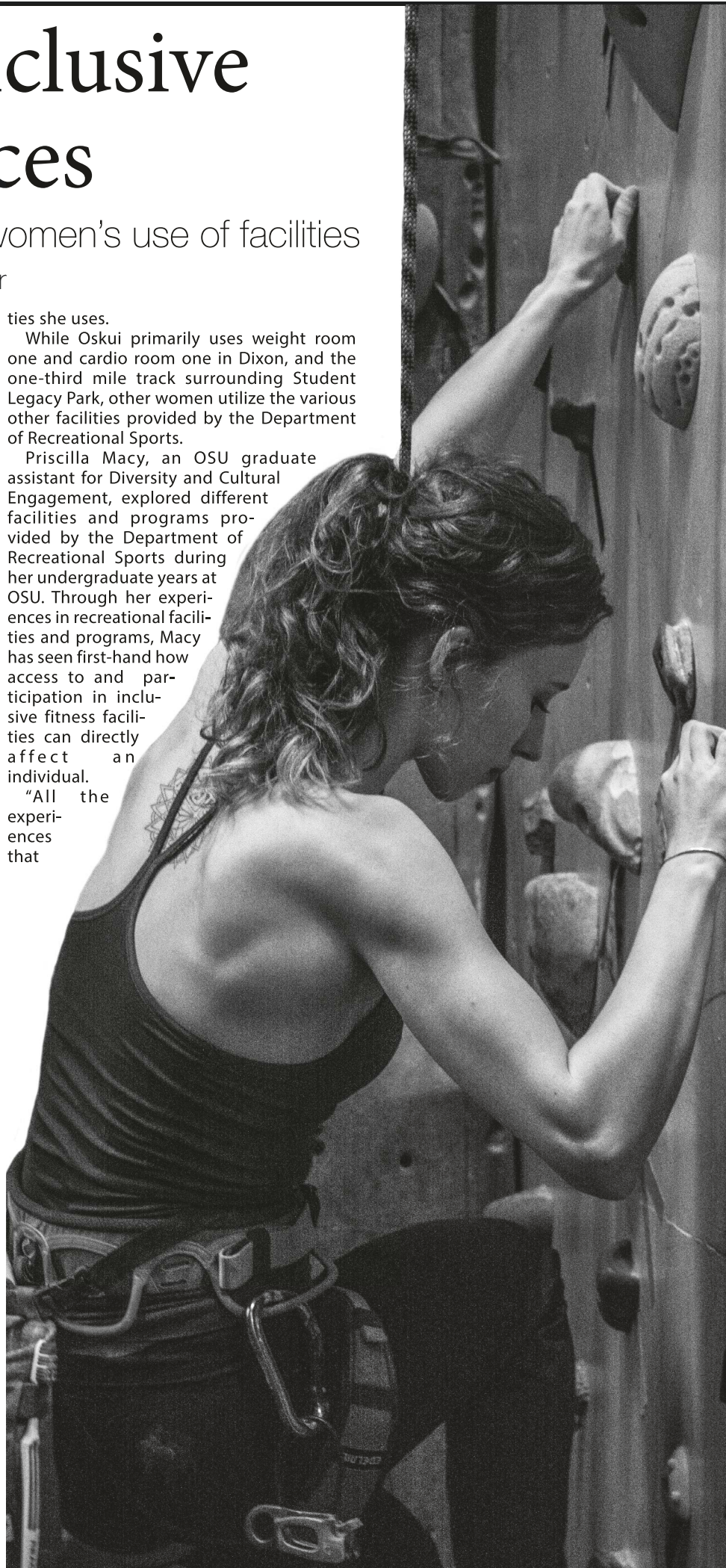
While Oskui primarily uses weight room one and cardio room one in Dixon, and the one-third mile track surrounding Student Legacy Park, other women utilize the various other facilities provided by the Department of Recreational Sports.

Priscilla Macy, an OSU graduate assistant for Diversity and Cultural Engagement, explored different facilities and programs provided by the Department of Recreational Sports during her undergraduate years at OSU. Through her experiences in recreational facilities and programs, Macy has seen first-hand how access to and participation in inclusive fitness facilities can directly affect an individual.

"All the experiences that

"We make a conscientious and concerted effort to use images that depict the diversity of the community we serve. I think people are more apt to engage when they see others with whom they identify already engaged."

*Tina Clawson, senior assistant director of advancement and assessment*



JACQUIE GAMELGAARD | ORANGE MEDIA NETWORK  
Climbing Club board member Austin Alexander top ropes in Dixon Recreation Center. Alexander hopes to initiate outreach toward women climbers to help them feel more comfortable in the climbing community.



# THE EXCHANGE

A FORUM FOR  
WRITERS, READERS,  
AND NEW PERSPECTIVES



# LIFE OF A BIRACIAL WOMAN

by  
Maiya Douglas

9:00 AM

Wake up and take a shower. Make sure to wash your hair. DO NOT wash every morning, and use conditioner unless you want it to be dry and crispy all day.

9:30 AM

When you are putting on foundation, mix two different shades to get your perfect color. Because apparently, when shopping for foundation in Oregon, you have the options of Light 1-10 and Dark 7. No in-between shades or even the first 6 Dark foundations.

9:45 AM

PUT THE NUDE LIPSTICK DOWN. I don't care how popular it is, it will not work. Just put it down.

10:15 AM

Go and get a Starbucks coffee and maybe a muffin. Then post on Snapchat about how your inner white side is coming out.

10:30 AM

Walk to class. Maybe have some music on and pretend like you're in a music video. "King Kunta" by Kendrick Lamar or "Bubbly" by Colbie Caillat are equally good choices.

1:00 PM

Eat lunch like every other normal person.

1:30 PM

Get into a conversation with a stranger about your hair. The conversation will mostly likely end with them asking, "Can I touch your hair?" and you awkwardly saying, "Uh I guess..."

2:00 PM

Go to another class. Try not to let the confusion on the inside show on the outside. Fail miserably at this.

3:00 PM

Go back to your dorm and take a nap. You've earned it.

3:30 PM

Have a phone call with your cousin. Get asked repeatedly, "Why didn't you join a black sorority? Be with your people?"

4:00 PM

Go get a snack. Before you make it to your room, get stopped by another person on your floor. This person jokingly insists you're not black and white, rather, Hispanic or Latino. Explain that just because you have a good Spanish accent and really like dancing bachata, you are in fact, neither Hispanic nor Latino. Offer to show them a picture of your parents. Get shut down because it "ruins the image."

6:00 PM

Go get dinner. In the process get requests from three strangers to touch your hair. Two of these strangers will ask, "So... what are you?"

6:02 PM

Listen to the strangers guess every group of Hispanic or Latino origin until you finally tell them you're black and white. A controversial topic comes up in conversation. If you are talking to black people, you don't understand because you're whitewashed. If you are talking to white people, you don't understand

because you're too ghetto. Basically, just stop talking because your opinion doesn't matter.

6:30 PM

Confront a friend about an issue that bothers you. Be told that are one of three things:

- overreacting
- being hella ghetto
- (my personal favorite) turning into a stereotypical angry black woman

Choose one.

7:00 PM

Facetime your parents. Watch as your white mother raps to every line of a 90's Snoop Dogg song and your black father sings to John Mayer while wearing the same hat as John Mayer.

8:00 PM

Drown your feelings in a tub of ice cream because you've had a long day.

9:00 PM

As you lay down to sleep, wonder why people disregard your point of view because it is so different.

10:00 PM

Just stay up and watch Netflix. Who the hell goes to sleep at 9pm?!

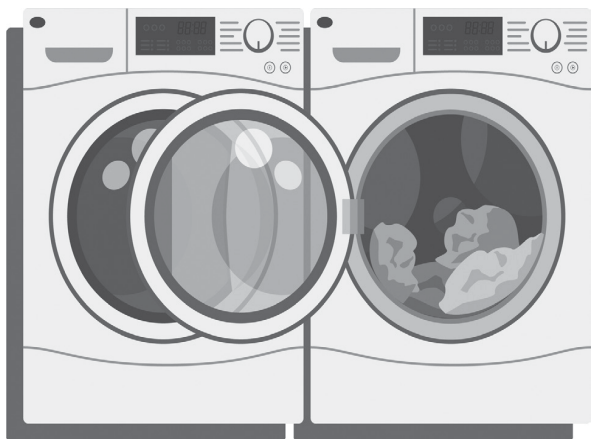


## LAUNDRY RULES



by Mitchell Coronel

We know it's coming and we always dread it: the day our jeans finally fail the sniff test. The day we have to haul our whole closet to the laundry. Make your day in the lint-filled swamp hole known as the dorm laundry room a little less miserable by knowing how the laundry room works and following these four simple rules.



**RULE #1** ⌚ **The laundry room does not wait for you.** If you decide to start a load, make sure you are there to see the load finish. If you can't wait that long, don't worry! Someone will take out your laundry for you. They will break into your load and place it somewhere that is convenient for them. No one cares that you only wear plaid satin boxers or that all your socks have holes, people only want to do their laundry and get on with their lives.

**RULE #2** ✂ **If the machine didn't work at any point in time, don't use it—ever.** Chances are, the machine is still broken. The dryer in Cauthorn that was once broken continues to "cook" clothes, not dry them. It's like a microwave heating up a cold cup of ramen. The wetness of the clothing only gets warmer, never drier. Use the machines that were never broken to maximize your chances of a better outcome.

**RULE #3** 👍 **To get the most out of your time, do what is best for you.** It's a dog-eat-dog world in the laundry room. If someone does not abide by rule one, be the one to take their laundry out for them. You have better things to do with your day than let the laundry-deserters control your schedule. Take the clothes out and put them in a place that you will forget. The owner will probably find them.

**RULE #4** 🧴 **B.Y.O.D. Bring Your Own Detergent.** Don't be the goon that uses detergent someone left out in the open. Then again, don't be the dolt who leaves detergent out in the open. Much theft and/or yelling will be avoided if you just bring your own detergent.

# THE QUIET GUY

by  
David Catherall

Let me tell you the story of Peter.

He was like all of us at one point or another—an incoming freshman in college who both dreamed of and dreaded this new era in life. He knew he'd make some new friends, have amazing experiences, and earn an education. When the first day of the first week dawned, Peter was filled with emotions. The welcome week highlight was the new student convocation and rally. People all around were meeting up and chatting wildly, and although he didn't know anybody there, he still enjoyed taking part. Peter didn't mind the crowds too much, and he enjoyed the speakers. After convocation, it was time to learn all the chants for the football games. Frankly, that was quite out of his comfort zone. Being loud was just not his thing, but he liked the band and being around people his age, and besides, it didn't last too long. Afterwards, he savored the chance to get some free food, sit under a tree, and recharge by himself.

Then the term began. Peter soon came to realize that despite how the college environment boasts of treating everyone as

mature individuals, it expects students to be a certain kind of individual. One was expected

to be vocal, to express opinions and ask questions in classes, to participate widely in campus events, and to forge a large social network. He saw this in his discussion-based classes that featured participation as part of the final grade. He saw it in the barrage of emails, notifications, and commotion around

every social event around campus. He even saw it at home, where his family assumed he's frequently hanging out with friends and might have been disappointed if they knew he preferred most days to chill solo.

This was a big problem. You see, Peter is an introvert—another human being like anyone else, but just not inclined to talk to many people he doesn't know. Despite living in a world that promotes individuality and acceptance, “the quiet guy” is frequently stereotyped as melancholic, antisocial, or uptight by people who privilege outspokenness. It's a problem for Peter because misjudgments of his personality and social performance have the potential to negatively impact his future.

Why am I getting worked up about this? Because Peter's story is my story. Though we live in a time when everybody celebrates the dismantling of stereotypes, why do many still

WHY DO SOME OF OUR CLASSES REQUIRE US TO SPEAK OUT LOUD WHEN THE QUALITY OF OUR WORK OFTEN SPEAKS FOR ITSELF?

equate vocality with superiority? Why do some of our classes require us to speak out loud when the quality of our work often speaks for itself? Sure, in the workplace people skills can be necessary, but if I have a preference for solitude, it doesn't mean I'm unable to communicate. Where is the idea that behind quiet lips lies a lively mind?



# SPEAKING UP

by Zachary Lewis

We've all been there. We've all had to sit through the awkward silence in a classroom full of kids who either don't know the answer to a professor's question, or who are hoping that someone else will be brave enough to answer. Even though participation is a requirement in most college courses, few professors enforce this rule, and because of this, classrooms are lacking debate, collaboration, and discussion.

Public speaking is a skill that will be expected throughout one's adult life. Obviously this skill comes in handy when giving speeches or answering or asking questions in class. However, having confidence when talking, or at least acting like you do, can be beneficial outside the classroom as well. Being confident in your voice, could make the

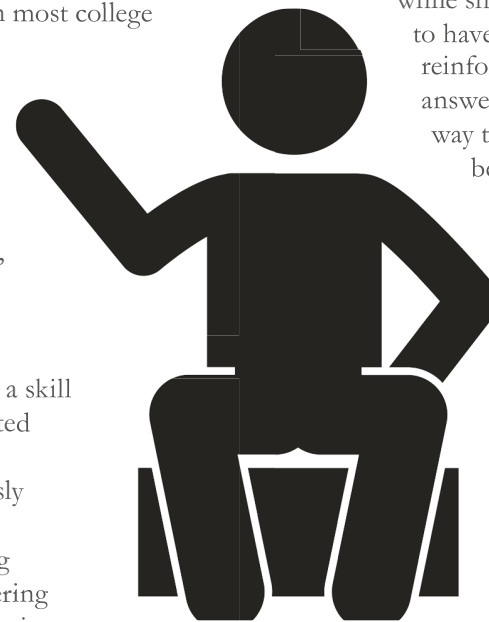
difference when applying for a job or internship, when giving a pitch to potential investors, or even when trying to make a good first impression with a person you find attractive. This is a skill that—without a doubt—is used every single day. So why do students neglect to hone this skill when given the opportunity in class?

Embarrassment might be one of the causes of this lack of participation. This makes sense, as confident people are going to be the ones who speak

up, ask questions, and answer them as well, regardless of whether or not they answer correctly, while shy people are going to have their assumptions reinforced as soon as they answer incorrectly. An easy way to remedy this would be for professors to call on students, forcing them to answer questions regardless of whether they volunteer or not. This would prove even more beneficial if the professor asked a good amount of easy questions at the beginning of class to get the ball rolling and participation up.

Students can also become more comfortable speaking in public by simply talking

with other people. Find a reason to talk to your professor after class, or spontaneously talk to the student next to you about class, how the weekend went, or anything that comes to mind. Not only will this help you build confidence in your public voice, but it also helps to develop the skill of small talk, which is another skill expected throughout one's adult life. It's time to end awkward silences, for teachers to call on students, and for students to speak up.



# THAT'S MY FLAG, TOO

by Erin Bush

The morning in February 2007 was cool and crisp as I watched through the large airport windows. The sun high-beamed us from just past the horizon to the east, silhouetting the airport workers outside whose breaths puffed white into the chilly air. I looked at my dad and the little squares of green and tan on his uniform blurred together as tears filled my eyes. As he reached down to hug me, the American flag patch on his shoulder pressed against my cheek. The little stitches of red, white, and blue were all I could seem to see.

This would be the last time I would see my dad for the 15 months he'd be serving in Iraq. My memory of the American flag—it comforted me.

In November, 2016, I turn on the news and still see the American flag, but it's a very different scene. Riots in the streets and pain in people's eyes. I watch people who look like me standing and stomping on a tattered flag. There are rips and holes in the seams, and the white is stained from the dirt on the ground. There are so many people gathered around. They cheer as the red, white and blue are slowly engulfed in flames, leaving nothing but burnt scraps of fabric. I sit back and wonder How could you? No one who

looks like me stands up and says, "Hey, that's my flag too." It brings tears to my eyes and hurt to my heart. Have we lost the concepts of sacrifice and unity? The flag burning in the streets is the same flag that sits in the living room of a family that has lost a son, a brother, or a father...or a daughter, a sister, or a mother.

I understand that the flag might mean something different to you. But for me, it was there in my school gymnasium when the bleachers were filled with

everyone's parents but mine. It was there when members of my family were fighting for our freedoms. It was there when it brought my Dad home safe, and it was draped over the caskets of the men and women who paid the ultimate price.

It's there for you too. You were taught to say the pledge of allegiance and remove your hat for the national anthem. You smiled and waved the American flag on the 4th of July as the parade

came down the street. You understood unity.

If we can put aside politics for a moment, we can remember that flag represents both you and

me. We can realize that others sacrificed for more than just a representation of our beliefs. So save your gasoline and lower your lighters. Freedom isn't free. Pick the flag up off the ground. The Red, White, and Blue—yeah, that's my flag too.



THE LITTLE STITCHES OF  
RED, WHITE, AND BLUE WERE  
ALL I COULD SEEM TO SEE.

## THE OTHER SIDE

by  
Tianna  
Coburn

"You're wrong, I'm right."  
And so the fight begins.  
A new topic but old routine  
During which opponents  
"Face the facts" that seem  
Slightly fabricated, yet  
Who can point fingers,  
Place blame,  
Protest rules of the game,  
As the rules  
Collapse in some alley,  
Gasping for breath  
As we tear them apart.

Shock and horror! Shame and heresy!  
The reactants and products in any  
Concocted debate aimed to maim  
And destroy the other side.  
Only our desire to prove them wrong factors into  
This equation that barely functions,  
This equation that does not tell us  $y$ ,  
Why we are hating each other, hurling insults while  
Claiming it is debating each other.  
When we refuse to just stop and listen,  
We choose to facilitate a fission:  
"Us versus them."

Forgot to check your facts?  
Fear not, for your friend hyperbole  
Will trap the masses in hysteria,  
Stifling any questions regarding  
The veracity of your verdict.  
The quest for truth proves  
Rather arduous,  
And when you arrive at the fork in the road,  
You decide that being right is the way to go,  
Bereft of what's  
Left of your humanity.

We must set aside  
Our preconceptions,  
Stare each other in the eye,  
Stand united in a search for solutions.  
We must acknowledge  
A different point of view and,  
Before we criticize and chastise,  
Try to analyze and advise,  
Try to compromise.  
Together, we can build stronger bonds,  
Creating a better community,  
If we take the time to be still,  
Silent,  
And listen.

*The Exchange* is a student-driven publication that features writing by WR121 students on issues they determine relevant to the OSU community. Students not only author the articles, they also act as reviewers for one another, providing and receiving quality feedback. Near the end of each term, students become editors, ultimately deciding which pieces advance toward publication. At each stage, the goal remains the same: to develop compelling arguments that invite new perspectives and facilitate the kinds of change students want to see realized.

**WR  
121**

were there for me to take advantage of through recreational sports led to what I would describe as a transformative experience. Through the discovery of what my passions and hobbies were, these experiences served as a catalyst for me to redefine my ultimate path," Macy said.

Since graduating from OSU in 2015 with a bachelor's degree in recreation resource management, Macy has signed on with a company as a professional kayaker and had photos published from some of her kayaking trips. Her experiences in recreational facilities and programs provided by the Department of Recreational Sports at OSU have inspired her to further her education. Macy is currently working toward a master's business association (MBA), and hopes to work in the outdoor retail or outdoor education industry.

Unlike Macy, who uses OSU fitness facilities to further her career, Austin Alexander utilizes them for exercise and socializing.

As a sophomore studying biochemistry and molecular biology, Alexander is an active user of various recreational sports facilities, particularly the climbing walls in Dixon and McAlexander Fieldhouse. She has been using these climbing walls for climbing training since November 2014.

According to Alexander, others that use the climbing center, as well as staff and Adventure Leadership Institute climbing instructors, are open-minded and respectful, and help create an overall comfortable and inclusive environment for all individuals, especially women.

As a member of the Climbing Club board, Alexander aims to maintain, and hope-

fully further, the inclusivity of the climbing facilities on campus, as well as other facilities within Dixon.

"I think that it would be really cool to have more of an outreach specifically toward women; have something like women workout nights. That's something that I'm doing with the climbing club pretty soon," Alexander said. "I'm going to be trying to get some of these new female climbers closer to each other, and then more incorporated in the sport and in training for the sport. I think that that is going to be really helpful to female climbers who might be coming in and feel kind of overwhelmed and put off maybe by it. That's what I want to do, and I think that would be really cool just to have in Dixon in general."

Although individuals may face challenges and barriers when it comes to using specific recreational sports facilities and programs, or fitness facilities in general, according to Alexander, the more an individual uses facilities or programs, and actively participates in fitness activities that interest them, the easier it will become to gain confidence in those areas.

Howard advises that women can begin to build this confidence by learning about the facilities and equipment specific to the fitness activities that they choose to participate in.

"Once you have the basic common knowledge, just go in and do your thing," Howard said. "Set some goals, be confident in those goals and get focused. Don't worry about what other people are doing. Just go and do your thing and be proud of yourself, and just live."



COURTESY OF KATE BURKE

Priscilla Macy, professional kayaker, poses in the midst of an excursion. Macy is currently working toward a master's business association, and hopes to work in the outdoor retail or outdoor education industry.



STEPHANIE KUTCHER | ORANGE MEDIA NETWORK

Corvallis community member Elhum Oskui lunges in the Student Legacy Park. Oskui is an avid member of Dixon Recreation Center and works to represent a dedicated, strong group of women at Dixon.



ZBIGNIEW SIKORA | ORANGE MEDIA NETWORK

(ABOVE) Kendal Manuel drives to the hoop against University of Portland. (BELOW) Manuel and guard Stephen Thompson Jr. discussing strategy during a free throw. Manuel and Thompson combined to average 24 points for the Beavers this season.



# A tale of two seasons

OSU guard Kendal Manuel has spent two years in Corvallis, fighting difficulties of different sorts each year

By Josh Worden, Senior Beat Reporter

Ronnie Stacy streaked up the sideline, looking back for a pass from his teammate after he crossed half court.

Stacy was scrimmaging with his teammates this summer in Oregon State's practice facility.

As the junior guard caught the ball, sophomore forward Drew Eubanks flew by in the opposite direction while playing defense, almost tipping the pass away while narrowly avoiding a collision with Stacy.

Kendal Manuel and Tres Tinkle cringed.

"Tres and I just look at each other like, 'Oh, gosh,'" Manuel said. "Because we were thinking about the same thing: the injury that happened."

Manuel, a redshirt freshman guard on OSU's men's basketball team, broke his leg in October 2015 in the same situation on the same court, in nearly the same spot. It was Oct. 13, 2015 when he caught a pass from Gary Payton II during practice and Eubanks sprang in to steal the ball. On that occasion, the collision was unavoidable.

Manuel broke his right fibula and partially tore his lateral cruciate ligament and the meniscus in his knee. On top of that, he tore a hamstring muscle as well.

"It was more of a crunch. All my weight was on it, and then all of a sudden, 'boom,'" Manuel said. "I definitely thought I was done career-wise just because of all the stuff I heard pop."

Nine days later, he was in surgery. Thirteen months later, in November 2016, he finally made his collegiate debut.

After redshirting last season, Manuel is nearly done with his first year of actually playing for the Beavers. He's averaging 7.6 points per game this season and he's in the top three on the team in 3-pointers (51), 3-point percentage (38.6), steals (27) and assists (49).

Looking back on his nearly two full seasons in Corvallis, Manuel feels he's lived two different stories in each year. Both were mixed bags for different reasons. In 2015, the Beavers went 19-13 and made their first NCAA Tournament since 1990, but Manuel had to watch it all unfold from the sidelines. This year has been the opposite; Manuel has stayed healthy while his teammates have dropped off one by one due to injury. With only the Pac-12 Tournament remaining this season, the Beavers are 5-26 with just one conference victory, one of the worst marks in school history.

"Last year, (the lesson) was that everything is not handed to you," Manuel said. "You're not going to have everything guaranteed. And this year, it

was that you have to deal with adversity and keep things in perspective."

In a sense, Manuel learned the same lesson twice, just from a different angle. In 2015 he lost basketball for a whole season; in 2016 his team lost game after game for most of the season. But both years had positives, whether it was OSU's team success last year or Manuel's personal return to the court this year.

"Both of them honestly have been good experiences," Manuel said. "I've learned a lot through both processes. I wouldn't really say one was more fun than the other."

Manuel's teammates have missed a combined 64 games this year due to injury, 30 of those coming from two teammates he arrived at OSU with: Tinkle and Stephen Thompson, Jr. Last year, Manuel turned to redshirt senior Daniel Gomis for advice, since Gomis had been through the gamut already by enduring two broken legs, a broken hand, a broken nose and more in five years in Corvallis. Having missed all 32 games last year, Manuel has been able to fill a Gomis-like role for Tinkle and other teammates.

"They've asked me what's happened through the process, and I try to keep them level-headed and keep them motivated, so no one is getting down about their situation," Manuel said.

It was a two-way street, in fact. Before Manuel got to impart his experiences on his teammates, they supported him during his recovery.

"All of us freshmen were living in the same suite," Manuel said. "So I relied on them and then Daniel Gomis as well. If I needed anything, they were there for me. If I needed to go to the store, they were there

to pick me up. That was a big help having those guys support me."

Manuel also learned from former Beaver Bill McShane, who started his OSU basketball career in 1977 and also missed time due to injuries. McShane pointed out to Manuel that watching from the sidelines could allow the freshman to observe the offense more thoroughly and analyze the game in a way he couldn't if he was actually playing.

"I feel like after that, my basketball IQ got better because I was able to watch instead of just going through everything," Manuel said. "In a way, I'm glad it happened. It helped me grow as a person."

"It makes you a better person just because you wake up and you're like, 'I can't do what I love to do every day.' Going through that makes you think, 'Hey, I got to push through this

“Last year (the lesson) was that everything is not handed to you. You're not going to have everything guaranteed.”

Kendal Manuel  
Oregon State men's  
basketball team Guard



ZBIGNIEW SIKORA | ORANGE MEDIA NETWORK

Guard Kendal Manuel dishing out a pass in the first meeting against rival University of Oregon earlier this season. Manuel has 47 assists this season.

and get better.”

The fortitude that Manuel built up last year comes into play when he’s actually on the court. A turnover or missed shot can cause a player’s mental focus to break, but what’s one mistake compared to losing an entire year of basketball?

“He’s resilient—when he has a bad play or something he doesn’t get down, he just keeps playing hard,” Freshman guard JaQuori McLaughlin said. “He’s a really good teammate on and off the court. There was one game he had a turnover, he was down a little bit, but he picked himself back up and knocked down a big shot after that.”

“It’s been nice to see Kendal,” added head coach Wayne Tinkle. “We knew he was a shot maker and he’s worked hard to get better defensively.”

A gruesome injury like Manuel’s can be difficult to come back from, both physically and mentally. With his leg strength depleted after months of little or no exercise, the rehab process was lengthy.

“In a brace, everything atrophies. Your muscles get smaller, so the big thing was to get my quad back to how the other one looks,” Manuel said. “So I was sitting there doing leg raises, pulling my leg closer with a towel. It seems like basic stuff, but once you’re in that process, you’re like, ‘Oh my, this is way harder than I thought.’”

Manuel still isn’t back to where he once was physically, but the difference is small.

“I’m close,” Manuel said. “I’m not quite where I was with my right leg yet. But I’m close and I’ve been working on it to get more explosive. I’m still able to be above the rim and jump, I’m just not quite there yet.”

To return to the court, Manuel had to do more than just rebuild muscle strength and repair ligaments, he also had to rebuild his confidence. Every time OSU plays at its practice facility, Manuel has

to return to the place he hurt his leg so badly he thought his career was finished. Mostly, Manuel says, he’s been able to handle it well. Occasionally it gets tougher, like on the one-year anniversary of his injury when OSU practiced at the facility.

“I just wanted to get through the day,” Manuel said. “That was it. I wasn’t concerned about anything else, I just wanted to get through it.”

It’s not just Manuel who has had to cope with returning from the injury. Eubanks also felt he needed to make amends with Manuel since he was the one who collided with his teammate.

“I felt really bad about it. He finally had to tell me, ‘Don’t worry about it. Freak plays like that happen,’” Eubanks said. “It’s been really good. He understood I didn’t mean to do it. He didn’t take offense to it or anything.”

One benefit of Manuel’s injury is that he’s using his first year of eligibility this season. When this year’s three freshmen arrived— McLaughlin, Ben Kone and Christian Russell —assistant coach Gregg Gottlieb pointed out that Kendal “really is, in his own way, a true freshman.” After all, Manuel could be at OSU through the 2019-2020 season if he plays through his senior season. That’s three more years to improve on this season’s losing record, three more years to strive for a Pac-12 championship, three more years for Manuel to play the sport he had taken away from him for a year.

“Especially with all the success we had last year and then not having the same amount, it’s definitely hard,” Manuel said. “But at the same time, we’re going to get through this together and build for the future.”

“If you’re not playing for a championship, then I don’t know what you’re doing. That’s definitely one of my goals.”

## Thank you for your service, RecycleMania Res. Hall Challenge Captains!



Feb 5 - Apr 1



### Captains:

Alex Sisca, Bloss  
Emily Barnett, Cauthorn  
Jack Woods, Finley  
Kyle Smith-Doolittle, West  
Metzin Rodriguez, Wilson  
Mitchell McGuire, Tebeau  
Sarah Triplett, Halsell

### Winning halls:

1st: Halsell  
2nd: Bloss  
3rd: ILLC  
4th: Weatherford  
5th: Hawley & Buxton  
See website for full rankings.

More results & events at <http://tiny.cc/rm-osu>

Sponsored by Campus Recycling, SSI & UHDS

Oregon State UNIVERSITY

University of Portland SCHOOL OF EDUCATION

# MAT

Master of Arts in Teaching

NCATE

The University of Portland MAT program is a nationally accredited **10 month program** that leads to an Oregon teaching license.

- Portland’s Premier MAT Program
- Nationally Recognized
- No Application Fee
- Over 7,500 Successful Alumni
- Partner with over 100 schools and 15 school systems
- Hiring Advantage

### Start your free application today!

Applications are now being accepted for the 2017-2018 Cohort, beginning in June 2017. For more information about the program and details on our information sessions, please visit [education.up.edu](http://education.up.edu).

Contact:

Chris Greene, Assistant Program Specialist  
503.943.8534 or [greenec@up.edu](mailto:greenec@up.edu)



MIX  
ASIAN BISTRO

106 NW 2<sup>nd</sup> St, Corvallis | Hours: 11AM-2AM

mention this ad  
and receive  
**FREE HALF HOUR  
OF KARAOKE**

Feb. 13 - 20

call 541-207-3549  
for karaoke reservations

## FLY TO & FROM EUGENE AIRPORT

### 24/7 SHUTTLE

## SAVE



[www.omnishuttle.com](http://www.omnishuttle.com) | 1-800-741-5097 | (541)-461-7959



541-754-6222

1505 NW Harrison  
Corvallis

valleyeyecare.com

Like us on Facebook

## PROMO THURSDAY

MARCH 9<sup>TH</sup> | 6-9 PMFEATURING:  
CLIMATE CITY BREWING CO.Enjoy your  
line-up and  
a chance to  
win a prize  
21 & overGet your  
Growlers  
filled

Over 35 taps! Located next to Woodstock's Pizza

1035 NW KINGS BLVD.

SEARCH SUD &amp; SUDS ON FACEBOOK FOR MORE INFO

Clodfelter's  
PUBLIC HOUSE

## Pint Night

Wednesday, March 8  
7 p.m., 9 p.m. & 11 p.m.

Featured brew from:

Lagunitas

Keep the logo pint after first purchase

1501 NW Monroe • Corvallis  
541-758-4452 • Clodfelterspub.com

While supplies last. Prices may vary.

THE  
Baro

Facebook: DailyBarometer

 Twitter: @DailyBaro and  
@OMNsports

OrangeMediaNetwork.com



STEPHANIE KUTCHER | ORANGE MEDIA NETWORK

Rafid Chowdhury (far right), Peter Schwartz (far left) and other members of the SIFC discuss possibilities for the future.

## SIFC and ASOSU pass athletics student fee level

### Working group to be formed to re-evaluate rate at later date

By Joe Wolf, News Contributor

In a firelit conference room high above Reser Stadium, 12 Oregon State students decided the \$2.7 million athletics student fee recommendation for fiscal year 2018.

These influential students were the members of a mediation group made up of six students from the Student Incidental Fees Committee and another six from the ASOSU House and Senate. This step in the student-fee setting process was triggered when the ASOSU legislature passed all of the proposed student fee budgets except for athletics. The funds in question, taken from every student equally each term, are used to subsidize student tickets for sporting events.

On Monday, Feb. 27, after much deliberation, the body passed the athletics budget at the level requested—\$38.86 per student per term



STEPHANIE KUTCHER | ORANGE MEDIA NETWORK

Scott Barnes, the new director of athletics, made the case for the use of student fees for the athletics budget.

for fiscal year 2018—in a vote of 11-3 in support of the motion.

The motion carried a stipulation that a working group be formed to address long-term funding questions. This motion to put off larger discussions until further analysis and conversation was made by ASOSU House Rep. Andrew Damitio, a sophomore in environmental economics and policy.

"I wanted change at this meeting, but it was not going to happen. After two and half hours of back and forth in which, quite simply, we (did) not have enough data to make those changes, and long-term planning should not be disrupted by a rash decision made at an 11th hour meeting," Damitio said. "I could not be comfortable making decisions to make cuts, even if I wanted them very much."

Throughout the proceedings, several members of the committee, including Damitio, expressed concerns that the fee level that was not appropriate for the value being delivered to the students. MU President Rafid Chowdhury, a member of the SIFC, discussed his goal to alter the fee level.

"(I) hoped that we could reach a consensus on, not the proposed value that we initially had, but a new value that everyone would be happy with, because that was what I felt coming out of joint session: that we were really looking for a compromise, given that we had not done our job properly of scrutinizing the budget enough," Chowdhury said.

For their part, representatives from the athletics department, including the new Vice President and Director of Athletics Scott Barnes, listened to the students' concerns, provided clarification and articulated why they believed the athletics student fee brought value to the student body at-large. Barnes even suggested the working group be formed in the first place.

"I think what athletics brings is an opportunity to create an excellent student experience," Barnes said. "We bring value other than just tickets to the table, and the partnership with our

students is critical, absolutely critical. We want to open that dialogue and be as transparent and collaborative as possible."

Chowdhury explained the options for alternative funding models brought up in mediation.

"One is the hybrid model where there is a subsidy, but at the same time students pay a premium for tickets just like most services that incidental fees funds," Chowdhury said. "Or the other opposing model of (complete) freedom of choice to the students of opting in or opting out for a higher rate."

Chowdhury argued for an immediate change in the athletics fee level, but the majority went a different direction.

"I voted against (the proposal) because knowing that what we were voting on is not right, because we were making the promise to change it in the future, which only means that we were not being true to ourselves," Chowdhury said. "If we know that it's not right and we need to change it, to come to a consensus and tie the hands of OSU students to pay, regardless of whether the decision is right or not, to me is not good. And that does not sit well with me, if I call myself a student leader and represent students. That's not fair to the students."

Peter Schwartz, the chair of the SIFC, voted in favor of the motion and emphasized the importance he attributes to taking more time to determine the proper level.

"I think that this conversation is really a very large conversation, it's not something that could be adequately discussed in one night," Schwartz said. "So as valuable as all the thoughts were on the table throughout this mediation session, I think that this conversation is just beginning, and it'll be really interesting to see where it goes."

From this point, the budget recommendations will go to the current ASOSU Speaker of the House Josh Kaufman, Vice President Brett Morgan and President Rachel Grisham for approval. If approved, the final recommendation will be sent to the Board of Trustees and President Ray to be put into effect.



# OSU researchers sequence full beaver genome

Provides knowledge, information to help ecosystems and nature

By Jamie Chin, News Contributor

A full beaver genome has been sequenced at Oregon State University using DNA derived from a beaver at the Oregon Zoo after a little more than a year of fundraising and work.

The Beaver Genome Project was first announced in September 2015, with a crowdfunding campaign launched in order to generate funds for the project. This crowdfunding project was led by Jeannine Cropley, assistant to the director of the Center for Genome Research and Biocomputing at OSU.

"We were able to raise \$20,000 from the crowdfunding project," Cropley said. "These were all from small donations paying in increments of around \$50 or \$100, and there were no significantly large donors. We got the equivalent of the other \$10,000 from a company, Illumina Inc. They donated all the sequencing parts needed for this project."

The crowdfunding project brought in a lot of publicity when the project was first introduced, which was necessary in order to raise enough funds for the project.

"I think a lot of it is school pride, with alumni wanting to support their beaver and whatnot," Cropley said. "But it's also due to the fact that this project is pretty cool; the beaver genome could help with a lot of scientific research."

If it wasn't for the help of many of the younger participants of the Beaver Genome Project, the crowdfunding campaign wouldn't have reached out to the public as much as it did, according to Cropley. They were taught to use social media platforms, such as Twitter.

This beaver genome project was inspired by previous sequencing of genomes, including the well-known Human Genome Project, in which all the genes of human beings were completely mapped and understood. In the same way, the beaver genome was sequenced by collecting the complete set of DNA of a beaver. The goal is to uncover knowledge about beavers that could tie directly to helping ecosystems and nature, according to Brent Kronmiller, the bioinformatics scientist of CGRB.

"There was a period of time when beavers were almost extinct due to people hunting (them) for their

fur, but fortunately they were rehabilitated and are adapting back to normal," Kronmiller said. "We really want to focus on a couple things, including how beavers are able to build dams, how they are a keystone species in terms of modifying ecosystems. Beavers can be a crucial part to learning more about survival within animals."

While the crowdfunding project went on from September through October 2015, there were many other components necessary to complete the overall project. The DNA was first derived from Filbert, a beaver at the Oregon Zoo.

"There are many steps," Kronmiller said. "First, we had to sequence the DNA and record the giga basepairs received from it. This didn't take that long, maybe a couple weeks. But then we also had to assemble a genome draft, collect RNA samples, which can take a while because we have to do many trials in order to be precise. There's a whole process involved, and afterwards we have to create presentations and compile all the data together."

Other than the many involved in the crowdfunding campaign, there were also 20 others involved in the actual research and scientific investigations tied to the project. Adelaide Rhodes, an undergraduate researcher, represents one of the many.

"Genomes are an extremely interesting topic to me, so being a part of this project is extremely fulfilling," Rhodes said. "Although this project took a long time to complete, I've learned so much from it, all the way from DNA sequencing to acquiring tissues. There were a lot of us part of this project, and I think we were all important in making this project complete."

The beaver genome project was finished by the beginning of January, and received its first accolades at the 25th annual Plant and Animal Genome Conference in San Diego.

"This is a really big conference in which many, many genomic scientists gather around to talk about their findings in genome research," Kronmiller said. "It was rewarding that we were able to be a part of it this year and provide our own presentations about the beaver species."

This project is special, not just because it's the first beaver genome to be sequenced, according to Rhodes.

"Oregon State University represents

the first Pac-12 university to sequence their mascot's genome, which is pretty cool," Rhodes said. "There's a lot of school spirit involved in this, and as we continue to research, more publicity will be coming along the way."

Now that the project is complete, scientists at Oregon

State University can use the full genome to conduct research. Because the research is so new, many questions have yet to be answered.

"All of our research is still pretty new, but essentially there are multitudes of things we can test using this new genome," Kronmiller said. "We're looking for potential genes to see how the beaver adapts to its unique lifestyle. We're looking for relations between beavers and other animals and comparing their characteristics. We've found that the kangaroo rat is most closely related to the beaver, out of the 19 species that we compared."

Because the DNA samples were collected from just one beaver, Filbert, there may be a few raw factors that are unaccounted for.

"I'm not too familiar with the specific characteristics and personality traits of Filbert," Rhodes said. "But depending on what kind of traits Filbert may have, the genome may not represent all beavers the same way."

All of the completed research will be available online, according to Cropley.

"We're not trying to make any money from this," Cropley said. "There are websites and databases in which results from studies are posted, and there's one specifically for genomic research. These will all be made public and available for everyone to see."

"This project is pretty cool, and the beaver genome could help with a lot of scientific research."

Jeannine Cropley  
Assistant to the director of the  
Center for Genome Research  
and Biocomputing at OSU



Filbert, a 5-year-old beaver, swims at his home in the Oregon Zoo. Oregon State University researchers sequenced a full beaver genome using DNA derived from Filbert.

KAT POLLAN | ORANGE MEDIA NETWORK



Facebook:  
DailyBarometer

Twitter:  
@DailyBaro and  
@omn\_sports

## S U D O K U

LEVEL 1 2 3 4

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

**CUSTOM BUILT  
PIZZAS & SALADS  
SINCE 1977**

White, Whole Wheat,  
or Gluten Free Crust.  
Choice of 5 sauces &  
over 32 toppings



541-752-5151

1045 NW Kings

**FREE DELIVERY**  
TO MOST OF CORVALLIS



WWW.WOODSTOCKS.COM

## HOROSCOPE

**Monday, March 6 – Sunday, March 12, 2017**

**Aries: March 21 – April 19**

Friendly Mars is lifting your spirits. You'll find it easy to brush aside minor grievances at work or silly problems in relationships. Share lots of positive energy with your romantic partner to make your bond with this person stronger than ever.

**Taurus: April 20 – May 20**

You'll experience a surprising moment of emotional intimacy with somebody courtesy of a flirt moon. Maybe you'll meet someone who shares your interests. Or perhaps you and an on-again, off-again lover will run into each other again and enjoy some fun interactions.

**Gemini: May 21 – June 21**

Follow the rules while you're under Saturn's restrictive influence. Pay your bills, file your taxes and walk the dog in a timely manner. Do the right thing

with your honey, too. If your sweetheart needs help with something, don't just stand by and watch him or her struggle.

**Cancer: June 22 – July 22**

Your partner is likely to be stressing out more than usual. Venus says you should try to play the role of a kind friend. Cook your girlfriend some yummy comfort food. Rent a funny comedy and watch it with your boyfriend to cheer him up.

**Leo: July 23 – Aug. 22**

You're feeling a clash between your personal and professional life. There's some unusual momentum in your career, thanks to Jupiter. Meanwhile, your honey wants to spend lots of romantic time with you. Be practical. You can't be everything to everyone.

**Virgo: Aug. 23 – Sept. 22**

Mars will be in a friendly sign for several weeks, and this will help you to focus and get extra things done. Tackle those annoying tasks you've been putting off for a while. And after

all your hard work, treat yourself to a nice dinner out with your sweetheart.

**Libra: Sept. 23 – Oct. 23**

Don't rush into anything. Mars is clouding your judgment, and you could be imagining things that aren't there. If you're suddenly paranoid about your honey cheating on you, cool off. You might not be getting accurate information about the situation.

**Scorpio: Oct. 24 – Nov. 2**

Leave lots of extra room in your schedule because you're likely to need it. Mars could create some stress for a few weeks as you race to get everything done. Make sure your sweetheart knows that you are spread pretty thin at the moment.

**Sagittarius: Nov. 22 – Dec. 21**

You'll receive some good news. Saturn is bringing you positive karma. Kind deeds you performed in the past might finally be returned to you. A friend you haven't seen in ages might give you a gift. A former flame could

finally acknowledge deep feelings for you.

**Capricorn: Dec. 22 – Jan. 19**

Your confidence is strong as the full moon increases your charisma. You'll find it easy to meet and impress strangers. If you have to attend an interview, go to a networking event or go on a blind date, you'll handle it with ease.

**Aquarius: Jan. 20 – Feb. 18**

You and a romantic interest could be at odds. With the moon opposite your sign, you might prefer to spend time with yourself. It would be good for you to chill out and relax. Don't allow anybody to impose on you or drain your energy inappropriately.

**Pisces: Feb. 19 – March 20**

A friendly sun is boosting your mood. You'll have fun laughing and sharing silly stories with friends. And you'll experience a lighter mood in your workplace, with your co-workers getting along better than usual.



Dr. Kurt S. Black

relax.restore.  
rejuvenate.



Cosmetic, Implant + Restorative Dentistry  
timberhilldental.com 541.754.0144  
2356 NW Professional Dr. Corvallis, OR 97330

## C R O S S W O R D

1	2	3	4	5		6	7	8	9	10		11	12	13
14							15					16		
17						18						19		
20				21						22	23			
			24					25	26					
	27	28					29	30				31	32	
33							34					35		36
37							38					39		
40							41					42		
							43					44		
							45					46		
48	49	50								51	52			53
56							57	58	59					60
61							62							63
64							65							66

### Across

- 1 Scallawag
- 6 Barber's razor targets, at times
- 11 Folder identifier
- 14 Ann \_\_, Michigan
- 15 "Haste makes waste," e.g.
- 16 Color
- 17 Place for a haircut and a whiskey?
- 19 Tiny six-footer
- 20 James Bond is one
- 21 Be itinerant
- 22 "Ho ho ho" holiday guy
- 24 "You're it!" game
- 25 James Watt, by birth
- 27 Storage solution for Disney?
- 33 Pago Pago's place
- 34 Singer Edith known as "The Little Sparrow"
- 35 Wicked
- 37 Final notice?
- 38 Taps instrument
- 39 Dust \_\_; tiny house critter
- 40 Panhandles
- 41 "Gotcha"
- 42 Problem during sleep
- 43 Farmer's wake-up duty list?

- 44 Hawaiian strings
- 47 High-tech rite, finder
- 48 Yummy
- 51 Exclusive
- 53 Hockey great Bobby
- 56 \_\_ Wednesday
- 57 How to ask journalist Roberts if she'd like an Oreo?
- 61 2016 Olympics city
- 62 Blacksmith's block
- 63 "Lady and the \_\_"
- 64 Again and again, to bards
- 65 Boglike
- 66 Eye sores

### Down

- 1 Back talk
- 2 Losing casino roll
- 3 How experts do their jobs
- 4 \_\_ juice: milk
- 5 Equitably divided
- 6 Skylab org.
- 7 Eve's mate
- 8 Buddy
- 9 I problem?
- 10 Electric eye, e.g.
- 11 Word after greater or less
- 12 Uncle's mate
- 13 Test version
- 18 Canceled at 6-Down
- 23 Efforts
- 24 Brings forward for inspection
- 25 Mountain climber
- 26 Sidewalk eatery
- 27 Pole tossed in High-lands competitions
- 28 José's 8-Down
- 29 Numbered musical works
- 30 Landlocked African country
- 31 Sheeplike
- 32 Fertilizer ingredient
- 33 Cry hard
- 36 Grassland
- 38 What muzzled dogs can't do
- 42 Sides of an issue
- 44 Airport luggage checker
- 45 Eye rudely
- 48 Hawaiian food staple
- 49 " \_\_ I care!"
- 50 Photograph
- 51 "Laugh-in" segment
- 52 Greasy
- 53 So-so
- 54 "The \_\_ of the Ancient Mariner"
- 55 Gym units
- 58 "Just \_\_ moment"
- 59 Egg cells
- 60 Leftover morsel

## GRABBIN' LIFE

BY THE

Pollz

This Thursday 8 - 8:30 PM

Watch on Comcast Ch. 26  
or stream live at  
orangemedianetwork.com

# Letters to the Editor



ZBIGNIEW SIKORA | ORANGE MEDIA NETWORK

A protestor participating in the Solidarity March holds up a sign with a quote by Malcolm X in the MU quad. The protests spanned from Feb. 28 through March 3 and involved walking throughout campus, using chants to protest institutionalized racism and show solidarity with people of color at OSU.

## On recent protests and listening We are larger than ourselves

Yes, my fellow students, you are right! A building has never called anyone a racial slur. Congratulations! You've just brilliantly defeated these gosh-darned protesters. I can already hear you attempting to call out my logical fallacies while somehow managing to miss the point time and time again.

If you haven't figured it out yet, my anger is not with the responses of conservatives to these protests. My anger largely lies with the people who are best described as "moderate democrats". These are the people who think that changing the names of a few buildings on campus would be acceptable, but only if everyone obeys the rules while attempting to make these changes.

When even a toe steps out of line they say: "I'm not racist, but..."

"They're not helping their cause by being disruptive!"

"Couldn't they have chosen a different week? It's midterms!"

I am an ignorant white guy. I did not march

with these protesters, and until a couple days ago, I was unaware that members of our community were upset by the names of several buildings here on campus. Instead of being as short-sighted and reactionary as a Neo-Nazi ("Fallacy! Fallacy!"), I have chosen to listen before I pass judgement.

All the while you moderates rant about how you "would've been fine with it if they hadn't broken the 'Time, Manner, and Place Rules for Speech Activities!'" Apparently these protests are more of an inconvenience to you, than a sign that something is wrong.

I am writing this not because I think the protesters have done an inadequate job of explaining this. I am writing this because you moderates won't listen to real dissent. You might, however, listen to a white guy's letter to the editor.

Change the names!

**Jacob Flicker**

Electrical engineering student

## Who Thomas Hart Benton really was

Benton Hall was favored with a noisy walk-through demonstration against racism on Wednesday which left numerous small leaflets littering the halls. I was very interested to read that Thomas Hart Benton gave a speech in Congress in 1984 even though he died in 1858.

The writers of the leaflet might add to Mr. Benton's sins the fact that he was expelled from law school for stealing money and later

killed a man in a duel. In his favor, the previously slave-owning Benton declared himself opposed to slavery in 1849.

Oh, yes, we'll have to change the name of Benton County.

**Angela Carlson**

Senior Instructor of Music

Finding ourselves at a crossroad between order and justice, it is far too easy to be complacent with the familiarity of order than to challenge ourselves to seek out a path of justice. No matter where we come from -- the urban cities, rural heartlands, the comforts of suburbia, or from different corners of the world -- all of our paths, the paths of the tens of thousands of students at OSU, has converged at this very crossroad.

The Solidarity March has disrupted our daily routine of study, party, sleep, and repeat. It shows that college is not another bubble where our experience is the only experience. The march may disrupt classes and exams and raise concerns of the constitutionality of the protest (See Supreme Court Case *Tinker v Des Moines*), but legality does not necessarily equal morality.

The chanting and the marching is the voice and soul of those pushed to the margins

asking to be let into a community that they thought would be their home. It's chilling how willing and able we are to defend rhetoric and hate speech with a "free speech wall" than defend the lives and dignity of the most vulnerable among us.

When people air their grievances and offer their hearts, anything short of listening and an open heart is a form of complacency to oppression, violence, and order instead of justice, healing, and acceptance.

Our time together at OSU is short as we keep our sights aimed towards our own personal aspirations hoping to graduate on time. Yet what we do and don't do, what we value and don't value, impacts those around us whether we like it or not.

All my best,

**Marcus Trinidad**

Junior, Political Science & Economics

### Submitting letters to the editor

Letters to the editor are welcomed and will be printed on a first-received basis. Letters must be 300 words or fewer and include the author's signature, academic major, class standing or job title, department name and phone number. Authors of e-mailed letters will receive a reply for the purpose of verification. Letters are subject to editing for space and clarity. The Baro reserves the right to refuse publication of any submissions. Each reader will be allowed one published letter per month.

E-mail: [baro.editor@oregonstate.edu](mailto:baro.editor@oregonstate.edu)

The Baro, 488 Student Experience Center  
2251 SW Jefferson Way, Corvallis, OR 97331-1617



# OSU Robotics Club showcases new creation

Based on animal mobility, Cassie the robot was built with the intention of understanding, utilizing movement

By Erin Dose, News Contributor

She walks quickly and confidently, gleaming under the sun. She stops, crouches low to the ground and rises back up effortlessly before setting off again. Her legs, long and slender, resemble an animal's. Her name is Cassie, and she is a robot.

According to Jonathon Hurst, an associate professor of robotics in the Oregon State University College of Engineering, Cassie is a bipedal robot, meaning she has two legs, that was created to demonstrate and explore locomotion, and could eventually take on a helpful role in society. The funding for Cassie is from an award by the Defense Advanced Research Projects Agency, or DARPA.

"We're trying to understand walking and running and using it in a real-world setting," Hurst said.

Cassie, named after the ground-running Cassowary bird, is the second robot created by OSU Robotics with the intention of understanding and utilizing movement. The first robot, Atrius, demonstrated a walking gait, but had no steering capabilities or feet. According to Hurst, Atrius supplied the necessary knowledge to build

a more advanced version — Cassie.

"Once we had understood (the walking gait), we designed and built Cassie. That includes a modified leg, and ankles. And including steering, so the robot can pick its direction. There's a lot of new engineering; it's half the weight of Atrius. Everything became more compact," Hurst said.

In order to understand and create locomotion, the team needed to base their designs on animals, according to Andrew Abate, a Ph.D. student in robotics.

"We looked at the configuration of the leg, and what direction all the bones point," Abate said. "We thought a lot about the leg configuration."

According to Hurst, the Cassie project is largely inspired by animal mobility.

"We are understanding why animals do what they do, and determining how that is useful to designing a machine," Hurst said. "We want our machines to work around in the world with the same mobility."

Machines like Cassie could eventually be developed enough to benefit society, performing tasks ranging from package delivery to emergency services. In order to do this, Hurst said his team will take

more time with Cassie to make additions and improvements.

"We have to spend time with the robot and improve the controls. Maybe adding arms to help with balance," Hurst said.

The student robotics researchers who worked on the Atrius and Cassie projects are enthused about their work so far, according to Abate.

"I'm really happy with the fact that we were able to have a tight group of engineers and grads, and creating this in a short time," Abate said. "It's pretty cool that we were able to do that as a group of college students."

Ryan Domres, an undergraduate research assistant, took on different roles throughout the process and found his work fascinating. With Atrius, his main task was to keep the robot running and make minor adjustments. When it came time to work on Cassie, Domres had the chance to do more for the machine.

"With Cassie, I was designing electronics and improving on everything that was made in Atrius," Domres said. "The feeling of seeing the robot come together from nothing was an amazing feeling."

COURTESY OF OSU ROBOTICS

Mikhail Jones of the OSU Robotics Club controlling Cassie at a demonstration in Portland. The robot is the second created by the group.

## TAKE ME TO THE OCEAN

Study and live at the Oregon coast this summer while earning Oregon State credit through the Marine and Environmental Studies Program at the Hatfield Marine Science Center in Newport. Study in an active, working harbor while gaining unique field and lab experience. Student housing is available, and everyone pays in-state tuition.\*

Talk to your advisor about enrolling in summer classes on campus or at the Oregon coast.

REGISTRATION BEGINS APRIL 16.

Can't attend on-campus courses this summer? Take classes online: [ecampus.oregonstate.edu](http://ecampus.oregonstate.edu)

osusummer

[summer.oregonstate.edu/hmsc](http://summer.oregonstate.edu/hmsc)

Oregon State UNIVERSITY

\*Does not apply to OSU Ecampus, VetMed or PharmD courses or INTO students.

## SATURDAY & SUNDAY

- |           |                                                                                                                     |
|-----------|---------------------------------------------------------------------------------------------------------------------|
| 12-1am    | Homegrown Beets // <b>Farmer John</b>                                                                               |
| 10-11am   | The Brew // <b>DJ Sporty Spice</b>                                                                                  |
| 2-3pm     | Ameer moment // <b>Ameer</b>                                                                                        |
| 8-9pm     | Rhythm and Blues Review // <b>DJ Ganymede</b>                                                                       |
| 10-11pm   | Mixed Nuts // <b>DJ Trail Mix</b>                                                                                   |
| 11pm-12am | The Howl // <b>DJ Wolfman</b>                                                                                       |
| 10am-12pm | The Lounge // <b>DJ Muggles</b>                                                                                     |
| 12-1pm    | Keanut Butter and Jamz // <b>DJ Keat da Heat</b>                                                                    |
| 1-2pm     | Prism Backmatter // <b>Cat Fitzsimmons, Ethan Heusser</b>                                                           |
| 2-3pm     | The Review // <b>Foxtrot</b>                                                                                        |
| 4-5pm     | The Sunday Show // <b>Tommy</b>                                                                                     |
| 5-6pm     | Locally Grown // <b>DJ BrainCase</b>                                                                                |
| 6-8pm     | Inspiration Dissemination // <a href="http://blog.oregonstate.edu/inspiration">blog.oregonstate.edu/inspiration</a> |
| 8-9pm     | Dungeons & Diplomas // <b>Luuk Van Hoomissen</b>                                                                    |
| 10pm-12am | Labels // <b>DJ Delay</b>                                                                                           |



**KBVR**  
88.7 FM

Listen at: [kbvr.com/listen](http://kbvr.com/listen)

See the full show schedule:

KBVR FM  
 @KBVR\_FM  
 @kbvr\_fm