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FROMUGANDA, WITH LOVE

Local group 16xOSU, TERREWODE partner in fight against obstetric fistula disease in Uganda by selling products made by Ugandan women

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Community Calendar

MONDAY, MAY 15

Auditions for Bard in the Quad

You can audition for the 2017 Bard in the Quad production of William Shakespeare's "Two Gentlemen of Verona." Auditions are open to all OSU students, staff, faculty and Corvallis residents. The classic romantic comedy will be performed as a Western melodrama with physical comedy and dance. Auditions will be held on May 15 and 16 on the Withycombe Main State from 6-8 p.m. Callbacks will be held on Wednesday, May 17.

Mandala Mondays

You can lower your stress levels while creating something beautiful with adult coloring from 1-3 p.m. in the SEC basement.

TUESDAY, MAY 16

Statistics Research Seminar

You can attend a seminar on computational thinking and data science from 4-5 p.m. Michael I. Jordan of University of California, Berkeley will be speaking. This event will be held in LInC room 128.

WEDNESDAY, MAY 17

Watercolor Wednesdays

You can come explore an avenue for stress relief and management in the OSU Craft Center with Watercolor Wednesdays. This event is co-sponsored by the Craft Center, Child Care & Family Resources and the Healthy Campus Initiative and takes place from 1-3 p.m. in the SEC basement.

THURSAY, MAY 18

Art and Engineering Presentation

You can attend an optron concert and presentation with Chet Udell, which explores the connections between art and engineering through 21st-century instruments. This event takes place from 4:30-6 p.m. in LInC room 228.

Treat Yourself Thursdays

All students are welcome to participate in conversations centered around self-care and learn about holistic wellness strategies in the Women's Center. This event will take place from 12-1 p.m. at 1700 SW Pioneer

FRIDAY, MAY 19

Disability Discussion

You can join a conversation around disability studies research and teaching, as well as the development of a specific curriculum at Oregon State University on the topic. Gloria Krahn will present "On Quality of Life with Functional Limitations." This event will take place from noon to 1 p.m. in Milam Hall room 301.

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ated under its authority for the

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: Lauren Caruso, a faculty adviser for Oregon State University social enterpreneurship program 16xOSU, holding a handmade elephant doll from Uganda. Photo by Miranda Grace Crowell. Illustration by Zbigniew Sikora.



MIRANDA GRACE CROWELL | ORANGE MEDIA NETWORK

From left: Tosten Peterson, Eric Wilson, Jack Loberg, Maverick Kressman, Keenan Basug, Weston Figueroa, Jonathon Gengler and Chris Silbernagel pose for a photo in front of Weatherford Hall. The students are part of Bomani, a group in the class Innovation Nation – Ideas to Reality, which raises funds for 16xOSU.

16xOSU helps ease impact of obsteric fistula, learns business skills

OSU social entrepreneurship program funds Ugandan women's health, rights organization

By Brittnee Barry, News Contributor

Obstetric fistula is a childbirth injury in which a baby's head gets stuck in the mother's birth canal and stops blood flow to tissues. This is called obstructed labor. For women in Uganda, labor can be especially prolonged because they are typically alone and far away from medical facilities when giving birth, according to Lauren Caruso, a faculty adviser for the Oregon State University social entrepreneurship program 16xOSU.

"What ends up happening is those tissues die, and they sluff off. This either leaves holes between the woman's birth canal and her bladder or between her birth canal and her rectum, depending on where the blood supply was cut off," Caruso said. "After the baby comes, it is often stillborn, and the woman is left leaking urine or feces."

According to the Uganda Village Project website, Uganda has the third highest rate of fistula occurrences.

16xOSU is partnered with an Ugandan organization called TERREWODE in an effort to help women who suffer from fistula.

TERREWODE serves as a women's health and advocacy organization. Specifically, their mission is to help women who have faced discrimination due to having obstetric fistula.

"When I was first in Uganda, I met a woman who had suffered from fistula for over two decades. She had lived completely isolated, withdrawn from society because of this problem that, truthfully, most of the time a simple surgery can fix. And she's not alone, there are many women who have suffered in this way," Caruso said. "TERREWODE, using their extensive network of community volunteers, seeks out these women suffering from fistula and ultimately helps them receive the medical care they need."

When the women who suffer from fistula are found, they are told there is a cure for their condition, and guided through the process physiologically before TERREWODE can help them fund the surgery. The procedure varies case-by-case. Some women require one surgery, others take a few and some are considered incurable, according to Caruso.

After surgery, these women are helped to re-integrate into society, being guided through how to make money and live among others again. The students in 16xOSU focus on this aspect of recovery with their partnership. According to Caruso, 16xOSU's origins

came from her trying to find a way to connect student learning and the organization's needs.

Caruso did an internship with TERREWODE back in 2012 and kept in contact afterward. This led to the partnership with TERREWODE through 16xOSU, which began two years ago. The partnership is beneficial in tying in student interests, talents and skills to TERREWODE's work.

"Our students primarily partner with TERREWODE on social reintegration, helping the women develop the skills they need to support themselves and integrate back into society. Often, this is through developing trade and business skills. The students help the women launch their businesses, with some of our funding going to support the start-up costs for individual women or their cooperatives. For example, we've been able to purchase equipment for women making jewelry to help decrease their costs and increase their productivity. And recently, we've launched a campaign to raise money to purchase a knitting machine for another cooperative that is currently knitting sweaters by hand "Caruso said.

The 16xOSU program focuses specifically

on the social side of business so students can learn essential skills, according Caruso. Caruso works with the students of 16xOSU in finding and learning about sustainable business models to self-support the programs.

"(It was) founded on the idea that for every dollar you invest in education, you get 16 times the return on the investment. It's a club on social entrepreneurship," Caruso said. "Our interest is in how we can use entrepreneurial skills and business models to help solve societal problems in a sustainable way."

Sandy Neubaum is the director of student engagement for the College of Business at OSU. She helps students understand business concepts that use these social models on a bigger, hands-on scale. She teaches a series of business classes where students are in charge of generating profit and deciding what to do with it.

"We made the decision to select an organization that we could commit to for several years. This allows us to not only raise funds but to support an NGO, or non-govern-

See Uganda, Page 8



SIFC athletics working group meets, discusses values versus costs

By Joe Wolf, News Contributor

A working group tasked with exploring alternative revenue streams for athletics met on Monday, May 8, to recap the concerns raised by students and discuss potential replacements for the current system.

The group is made up of both representatives of the Student and Incidental Fees Committee and representatives from athletics. The body was formed after a March budget crisis in which the ASOSU House and Senate did not approve the athletics budget, triggering a mediation process. For budget proposals to become mandatory student fees, they must be approved by both chambers before they are sent to the ASOSU President, OSU President Ed Ray and the Board of Trustees for their support.

While the athletics fee level of \$38.36 per student per term was eventually passed for fiscal year 2018, a promise was agreed upon by the mediation committee to work together to analyze potential ways to fund the program. In the current system, the athletics student fee is used to subsidize student access to athletic events, with all students bearing the cost but not all utilizing the service, according to SIFC Chair Peter Schwartz.

"I do want to keep the thought in everyone's mind that that is the case for all units that the student fees fund. At least not that I'm aware of, no one uses every single student-fee funded service, but we all pay for them," Schwartz said.

In the meeting, the working group weighed the positives and negatives of the current system and hypothetical replacements. The values of athletics, and whether or not change in the funding model would retain those values, was also heavily discussed, according to Schwartz.

The athletics fee brings more to students than just tickets to sporting events, according to one of the representatives of athletics, Deputy Athletic Director for External Operations Zack Lassiter.

"Our athletics program provides countless opportunities for all of Beaver Nation to come together and unite around a common goal. Athletic events provide students the opportunity to build relationships and experience lifelong memories together," Lassiter said via email. "There is so much currently that divides

> See SIFC, Page 5

ANDREA MITEY | ORANGE MEDIA NETWORK Memorial Union President an SIFC member Rafid Chowdhury discusses values versus costs. He wants to ensure student funds are used to benefit students most equitably. He has pushed for a partially subsidized model of student fee-funded athletic tickets.



ANDREA MITTEN | ORANGE MEDIA NETWORK (Directly Above) SIFC Chair Peter Schwartz explains the importance of considering the full context of the athletics fee.





On Monday, May 8, a working group dedicated to finding new ways to fund the athletics student fee met to discuss potential options. The fee level of \$38.36 per student per term was passed this year with the condition this group would meet.

SIFC

Continued from page 4

us as a society; we believe athletics provides avenues for students of all races, genders and

backgrounds to come together both on the fields of play and in the stands cheering."

According to MU President and member of the SIFC, Rafid Chowdhury, while athletics is important to the OSU community, the cost to students is also critical.

"Values don't have costs. You can't put a monetary value on most values, right? You can't say, let's say, 'Leadership costs five dollars and health costs six dollars," Chowdhury said. "What I am looking toward is either reducing the athletic fee, or consider the question, given

the values and services from athletics, is it possible to maintain the benefits, but at a reduced cost to students?"

Schwartz, who hopes to act as a facilitator in these proceedings, rather than providing the path forward, the evaluation of this model should take into account data over ideology.

"Once we have come up with actionable outcomes with the various different funding models that we have put together and we are going to send to athletics, hopefully we are able to get more of a quantitative, not qualitative (approach)," Schwartz said. "We are getting to where we can look at numbers—dollars and

cents, does this make sense, to change the student fee to work in this model as opposed to this one."

Detailed usage data from athletics has not yet been provided for this year, according to Chowdhury. Athletics is open to working with student representatives to find a new

You can't say, let's

say, 'Leadership

costs five dollars

and health costs

six dollars.'

Rafid Chowdhury

MU President and

member of the SIFC

model that works for the entire OSU community, according to Lassiter.

"We are committed to providing these details to the working group as we work through the process," Lassiter said in an

One of the main ideas discussed in the Monday meeting included an optin/opt-out model in which students who plan on attending games pay for a sea-

son pass. Chowdhury himself is pushing for a partially subsidized model.

"That would reflect the current model, but still would lead us toward change," Chowdhury said. "We still pay an athletic fee, but for certain games we would have to pay an additional amount to pick up the tickets, and that is more reflective of even student groups putting on events."

According to Chowdhury, he has had difficulties trying to ensure the decision-making process accounts for the entire student body.

"After the meeting I thought, not only was I the only student voice, but I was

also the person of color going against a bunch of white people, if you consider identities." Chowdhury said.

Another difficulty Chowdhury has encountered is the tendency in universities to resist change.

"This is something I have faced in higher education as well, everything moves at a very snail pace—very slow. Even the things that we are considering this year will not get decided until next year, and would not impact students until 2019," Chowdhury said.

"But if we wanted to make drastic change, then everybody loses their minds, because then drastic changes pushes everything into turmoil they are not comfortable with, which is understandable. It's a very big organization, it impacts a lot of lives. But at the same time, is it fair to the current students who are paying, if we know that we should be changing the current criteria?" Chowdhury added.

According to Schwartz, in the last two years the SIFC has been in 'survival mode,' unable to appoint a full committee on time, making it difficult to focus on the process of increasing student involvement.

"That has been something I've hoped to incorporate with the entire process, not just this, but next year when we are doing budget presentations or deliberation or joint session or our open hearing," Schwartz said. "We are looking to get the most accurate representation possible, but also we are definitely looking at different ways to incorporate a large quantity of student responses and input, because I think we can all agree that having a small group of people making decisions with wide-reaching impacts is never a good thing."







Minors seeking emergency medical care receive MIP immunity

OSU works to inform students of Oregon Medical Amnesty Law

By Tiffani Smith, News Contributor

Sixty-eight percent of teens report they fear legal repercussions and citations when they drink, according to the Medical Amnesty Initiative. In a Cornell University study, it was concluded that 19 percent of college students reported medical assistance likely should have been called for incidents they were in where underage drinking occurred, but only 4 percent actually made the call.

The amnesty policy was put in place in various states nationwide to encourage individuals participating in underage drinking to seek medical assistance when needed, without the worry of legal repercussions. In Oregon, the Oregon Medical Amnesty Law from the House Bill 4094, put into effect on January 1, 2015, grants limited legal immunity to minors under the influence of alcohol when seeking help for themselves or another individual who is in need of emergency medical

gency medical services, according to the Alcohol & Other Drugs page on the Pacific University Oregon website. The (471.430(10)) states that immunity from prosecution for the violation of a Minor in Possession is granted to the person who is in need of medical attention, as well as the person who called for emer-

Corvallis Police Department.

"The immunity for MIP means they cannot be issued a citation for the violation of Minor in Possession of Alcohol," Duncan said in an email. "It does not extend to other crimes such as Furnishing Alcohol to Minors.

gency medical assistance for that person,

according to Lieutenant Daniel Duncan of the

just (the) MIP itself."

People that are participating in underage drinking that are not in need of medical attention and are not the individual who called for emergency medical assistance are not covered under the law, according to Duncan.

"The intent of the law is to make sure people get the help they need without fear of the violation, and allows others to seek help for another person as well, knowing they will not be prosecuted for taking care of someone they can tell is in need of immediate medical assistance," Duncan said via email.

According to the Medical Amnesty Initiative, a year after implementing the Medical Amnesty policy, the number of alcohol-related emergency medical services calls increased by nearly 700 percent.

Oregon State University, along with the Prevention, Advocacy and Wellness team, aided in the process to get the Amnesty Law passed in the state of Oregon, according to the Alcohol and Drug Prevention & Education Program

2016 biennial review.

The Oregon Medical Amnesty Law now plays the same role on the OSU campus and in student residence halls as it does everywhere else in Oregon, according to Jill Childress, the assistant director of Student Conduct and Community Standards at OSU.

On the OSU campus, alcohol consumption, possession or empty containers are prohibited for students who are under 21, according to Childress. Underage students at OSU are additionally prohibited from being in the presence of alcohol on campus.

"In instances where medical amnesty applies, we still hold students accountable to OSU and University Housing and Dining Services policies, but the way sanctions are applied for students that are found in violation of institutional policies may look different," Childress said in an email.

Student safety is the main concern in residence halls, according to Childress. The university also provides students with education about how to make positive, healthy decisions in regards to alcohol consumption.

"We are always in support of student safety first and we support options that reduce barriers to students getting help," Childress said via email.

According to Rachel Grisham, the 2016-17 Associated Students of OSU president, OSU still has room to improve in regards to the Oregon Medical Amnesty Law.

"There's still quite a few students who don't know about (the Amnesty Law), but the most common ways that we get out that information is through prevention and advo-



STEPHANIE KUTCHER | ORANGE MEDIA NETWORK

Two OSU students pose to represent a potential situation where an intoxicated minor might need to call for emergency medical services for another intoxicated minor. The Oregon Medical Amnesty Law would protect them from MIP citations in this situation.

cacy-type work that Student Health Services does." Grisham said.

According to Grisham, although the Oregon Medical Amnesty Law only protects the person in need of medical assistance and the person who called for emergency medical services, she is aware of circumstances where responding officers put all of their attention on the person in need of medical attention rather than dedicating any resources to other individuals at the location that may be participating in underage drinking.

"(The Amnesty Law) definitely allows students to be able to seek emergency response or medical attention when they previously might not have felt comfortable doing so or might have been in fear of punishment due to their age and what they were participating in," Grisham said. "I think that it has vastly increased the access to these resources which is a really vital part to serving people on this campus."

Underage drinking and overconsumption is a concern in any college town or campus setting, according to Duncan. The Oregon Medical Amnesty Law aids in the protection of those participating in underage drinking who find themselves in need of emergency medical services without imposing the worries of legal repercussions.

"Ultimately, saving a life is more important than issuing a citation for a violation," Duncan said in an email.



Memorial Union opens escape room

Reservations are free for OSU students, staff

By Katie Darke, News Contributor

You walk into Detective Benny's office to retrieve incriminating evidence against Puddles the Duck, but suddenly you get locked in. Fortunately, Benny has hidden clues to help you retrieve the keys, as well as the evidence for this exact occasion. Will you and your trusted team be able to follow the clues to uncover the evidence, escape the room and bring Puddles to justice?

The creators of the Memorial Union Haunted House, the MU Activities team, have constructed the MU Escape Room, from which puzzle-solving team members must escape by solving clues and challenging puzzles created around this exhilarating storyline of rival school mascots.

According to MU Digital Media and Marketing Coordinator Dakota Snow, the escape room has already been a big hit.

"There's the desire to come back when (participants) see they are making progress," Snow said.

MU Activities team members Jared Henningsen, Nate Cottle and Sean Kounovsky spent about eight weeks planning the puzzlesolving room—a month to plan and a month to build. Originally intended to be a one-time event at Halloween, the MU Escape Room was extended to run for the length of spring term.

"It was more of a reality to do it long term," Henningsen said.

Despite the team's efforts to make the escape room a lasting activity, it is still a time-sensitive event. Taking over a revenue-generating space, formerly the location of Many Hands Trading, the MU Escape Room

has only found a temporary home. According to the team, the future of the room depends on finding a permanent residence in the MU.

The MU Activities team explained that the funding for the MU Escape Room comes out of MU funds generated by third-party reservations and events. This allows the room and all of its intricately designed puzzles to be offered free of charge to OSU students and staff.

According to Henningsen, all supplies for the room came from surplus at OSU.

More necessary than supplies was the help from the MU Building Services, according to the activities team.

"Building Services helped make our puzzle ideas come to life inside the room," Henningsen said.

The inspiration for the MU Escape Room came from a trip to an Association of College Unions International activities conference. According to Henningsen, the MU Activities team members attend ACUI conferences to grow the MU Activities program and discover ideas for future events.

According to the activities team, assistance also came from other groups inside the MU, such as the MU event coordinators.

"Coordinators have been incredibly supportive of us," Kounovsky said.

The team cited one particular coordinator, Heather Rapp, as giving them a lot of encouragement during the planning process.

"This has been a learning process," Cottle said. "We've never done anything like this before."

According to Rapp, while she was sup-



MIRANDA GRACE CROWELL | ORANGE MEDIA NETWORK

(ABOVE) Jared Henningsen, Nate Cottle and Sean Kounovsky, Memorial Union team members, posing at Benny Beaver's desk in the MU Escape Room. (BELOW) Pictured is the inside of the MU escape room, where teams must find clues to get out.

portive of the MU Activities team's efforts in making the escape room come to life, she was also aware of the potential impact of the room on the Corvallis community, particularly the downtown business Escape Corvallis.

"We're not trying to take business away from the one in Corvallis," Rapp said. "We love supporting our community."

According to the MÚ Activites team, the escape room downtown is also worth exploring for those interested in this kind of experience.

"We're just giving people a taste of it," Henningsen said.

Solving the MU Escape Room is a great team-building exercise, as well as a fun activity

for groups such as the Forestry Ambassadors, who participated in the first public run of the room, according to Henningsen.

Based on observations by the MU Activities team, there is one important tip for success, according to Cottle.

"Communication is key," Cottle said.

Reservations for the MU Escape Room are going fast and will soon be fully booked, with Mondays and Fridays as the most popular days, according to MU Activities team. If students are interested in trying out the room, they can reserve a spot for three to eight team members with valid OSU ID numbers by going to the MU website. Time slots run from Monday through Friday at noon to 1 p.m., 2-3 p.m. and 4-5 p.m.





MARI AN CARI SON, MUSIC DIRECTOR

The Corvallis-OSU Symphony Society and OSU School of Arts and Communication present

"Music Transcendent"

Tuesday, May 23, 7:30 p.m. The LaSells Stewart Center, OSU

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Wagner: Scenes from Götterdämmerung

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The OSU Socratic Club at Oregon State University presents an event free and open to the public

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Theology at Western

Seminary in Portland

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COVER STORY



Uganda

Continued from page 3

mental organization, business model. Over the past 10 years, we have raised micro loans for NGOs in Guatemala, Nicaragua and in 2015, began to work with TERREWODE in Uganda. The project has three key components. Firstly, freshmen in the College of Business run microbusinesses during winter and spring term. Secondly, profits from the microbusinesses are used to support programs for TERREWODE including a microloan program from women suffering from obstetric fistula and thirdly, OSU students travel to Uganda over the summer to work with TERREWODE to manage the microloan program," Neubaum said via email.

There are several different projects going on to help Ugandan women start their own businesses, through the introduction of models and product ideas. One of these projects include selling handmade elephants and giraffes stuffed with raw cotton. They are made out of a fabric that is easily accessible to Ugandans, according to club member Lily Beck.

"They are really beautiful and natural feeling. They aren't super cuddly, but they're durable," Beck said. "The colors reflect the place they came from, which makes them meaningful. The fact that they are handmade makes them all unique and have a personality."

Another item these women sell is handmade paper-bead

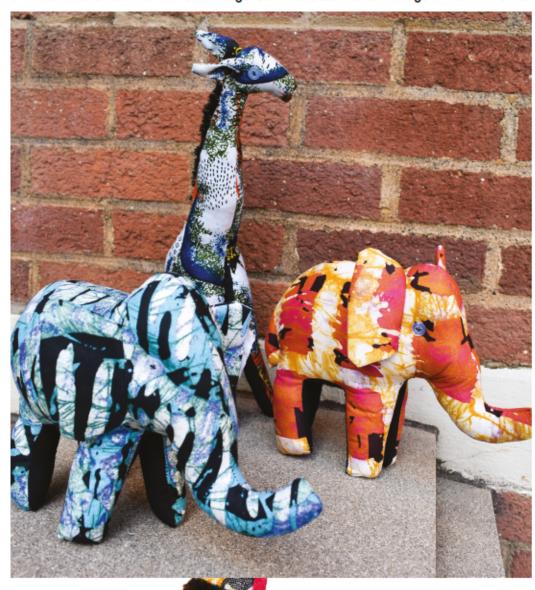
jewelry sourced from old mag schools. OSU students assist in d them more marketable.

"The first time we returned f sample products to conduct n what people would purchase products we brought back students helped design st sell here in the United State finding secondary markets a for these items. We purchas women, providing them with them (in the U.S.), the profit our work with TERREWOOD

They also wanted to women with fistula dir project they are workin sourced reusab for cost a

for cost a leaking Carus also MIRANDA GRACE CROWELL | ORANGE MEDIA NETWORK

(Left) Sandy Neubaum and Weston Figueroa sort through necklaces which have been handmade by women in Uganda. (Right) Three stuffed animals, also from Uganda, sit in front of Weatherford Hall. Profits from selling these necklaces and animals go to TERREWODE.



azines and papers from local esigning these pieces to make

rom Uganda, we brought back narket research and determine e. We found that many of the would not sell as is, so the yles they believed would s. They've also worked on and distribution channels the the products from the hair a job and then we sell to of which goes back into be," Caruso said.

create products to help ectly. For example, one og on is creating locally le diapers, accounting and reliability for

, according to o.This would create another product line and source of income from families with children, elderly people and others who may need to use them. The project itself was inspired by talking to the women in Uganda. One woman in particular really influenced their thinking regarding the project by telling them all she wanted were some Pampers so she could participate in society without worrying about leaking, according to Caruso.

"That was a huge learning experience for us because the answer was surprising and unexpected. It helped expose a problem that we didn't know existed and motivated us to potentially find a way that we could fill the need," Caruso said.

College of Business students specifically get to handle and participate in the funding for their projects. Club member Hannah Triplett has been running one of the businesses created to help give funds to TERREWODE.

"I am very excited to see the monetary results of having all of these businesses donate toward the cooperative. Since I am also a part of 16xOSU, I have further interest in where the money is going to be used and the difference it will make among the women in Uganda," Triplett said.

The club incorporates other colleges and networks outside of OSU as well. Any individual can get involved. They have students working from a humanitarian engineering standpoint, working on a goat's milk project. There are also education majors giving

See **Uganda**, Page 15



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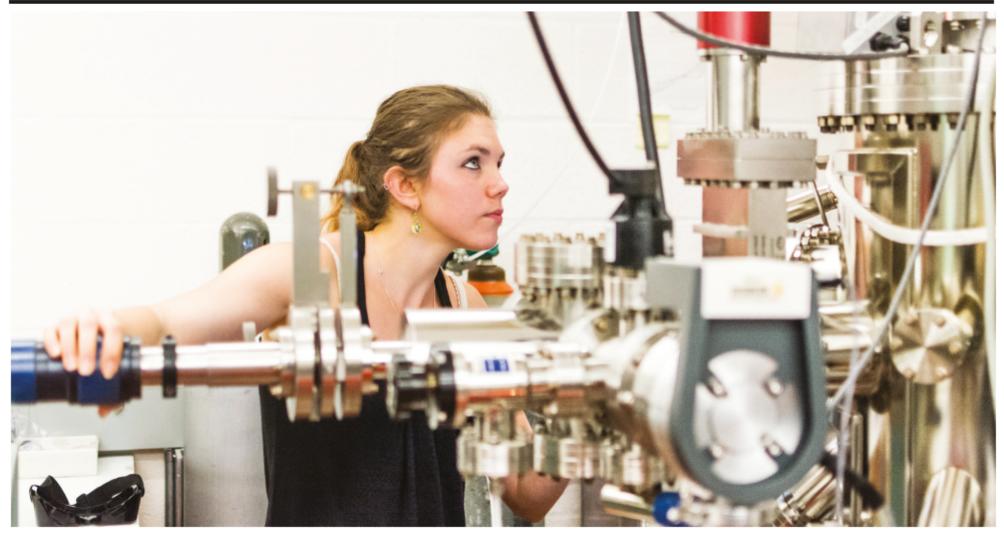
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LUCAS RAAB | ORANGE MEDIA NETWORK

Bethany Matthews, a physics graduate student at Oregon State University, checking on a vacuum chamber used to create thin film material. Matthews recently won a U.S. Department of Energy Office of Science Graduate Student Research Award, and the Ben and Elaine Whiteley Endowment for Materials Research Fellowship.

Physics graduate student wins national award, fellowship

Bethany Matthews receives honors for her research in atom probe tomography

By Ercoli Crugnale, News Contributor

I've found the men in

my field seem to expect

much more from women

before giving them

approval.

James Haggerty

Physics graduate

student

Bethany Matthews, an Oregon State University graduate student studying physics, has recently won a U.S. Department of Energy Office of Science Graduate Student Research Award. This prestigious award will see her continue her work on the physics of materials at the National Renewable Energy Laboratory in Golden, Colorado, this summer and into the fall.

Matthews was also the winner of this year's Ben and Elaine Whiteley Endowment for Materials Research Fellowship, an endowment which will help support her research at the NREL. Matthews said that she applied for this fellowship at the eleventh hour after her peers urged her to. Though she spent only two weeks on her proposal, as opposed to the three months that is recommended, she was awarded the fellowship.

The focus of her research is atom probe tomography. According to Matthews, this is the study of how atoms connect and how changing these connections influences how atoms behave. According to Matthews, working with atoms is almost like directing foot traffic in a parade.

"If they were a crowd of people, and you had

to put them in certain spots, the shape that you will see them in changes the way you could have a parade go through them. So different ways of arranging them allows for different things to happen, through the material," Matthews said.

Fellow physics graduate student

James Haggerty said that he has known Matthews for about five years, and worked with her for around three. In that time he's gotten to know her well, both as a scientist and as a friend. According to Haggerty, Matthew's

work has been nothing short of exceptional. "She's been very driven and she's very thor-

ough," Haggerty said. "She maintains a positive attitude about it, with the nature of science

being so up and down."

Matthews even runs
marathons, which
Haggerty thinks
is a reflection not
only of her dedication, but also of her
analytic nature.

"A scientific mind would probably be more methodical in training for something like that," Haggerty said.

According to Matthews, science can be tougher for women than for men, which is partially why she strives so hard academically.

"To me, as a woman, this award says to me that the scientists that board this fellowship think that I am as fully capable of contributing excellent science as any man, and that I am worth developing for my future contributions," Matthews said. "It says to me that science is trying to change how it's been and open itself to new minds and new ways of thinking."

Janet Tate, Matthews' thesis advisor, takes great pride in Matthews' achievements.

"She's a very talented and determined person. I've appreciated that focus and determination," Tate said. "She's very good at getting to where she wants to go."

According to Tate, it's not just Matthews that is honored, but the physics department and all of OSU, as well. Others, Tate said, could certainly follow her example, and take advantage of all opportunities presented to them.

"She's an Oregonian, a product of OSU," Tate said. "She has opened up all kinds of possibilities for herself. I wish that for all my students."



As Mitchell Verburg struck out the final Duck batter, the entire team rushed the field in celebration.

Except for one person.

Head coach Pat Casey remained alone in the dugout shortly after the 5-4 victory over Oregon, taking time to kneel alone at the end of the bench. Shortly thereafter, Casey joined the rest of the team on the field, raising the shiny blue Pac-12 championship trophy that would soon be covered in celebratory fingerprints.

Not only did OSU clinch their first Pac-12 title since 2014, but Casey won his 1,000th game at the collegiate level. Casey has now won five Pac-12 titles, but clinching the Pac-12 title over the Ducks for win No. 1,000 is something special.

"You couldn't have drawn it up any better than that," Redshirt sophomore pitcher Drew Rasmussen said. "A thousand is a lot, and obviously he's been doing a great job for a long time, and there's nobody more deserving than him. To get a championship and his 1,000th win on the same day is awesome."

Over his decorated 23-year career at Oregon State University, Casey has won 830 games at the helm, including five Pac-12 titles, since taking over in 1995.

"I think all those championships are special, all those players are special, all those coaches that helped me get here," Casey said. "The staff I have now is unbelieveable. It is really special tonight, and I'm looking forward to someday sitting back and being able to enjoy some of the wins... I just feel blessed."

With all of the players Casey has coached, he has undoubtedly left an impact on them as well. Friday night, one special ex-player was in attendance to witness his former coach make history.

"You know what's special is the first player I ever recruited is here tonight," Casey said. "He was there for the first one, and here for the thousandth one, Frank Wakayama. That means something to me that he'd come down here to be a part of it."

Casey has been influencing players like Wakayama since he began his coaching career at George Fox University in 1988. As coach of a Pac-12 baseball team, Casey has created a supportive atmosphere for his players to achieve their potential.

"I talked to some guys that have played for him before, and they had nothing but good things to say about him," Sophomore second baseman Nick Madrigal said. "Being here for myself, I mean it's probably the best decision I ever made in my life. I look up to that guy, and some of the stuff he says, I'll carry with me for the rest of my life."

Madrigal has grown as a player throughout his time at OSU, and has been named to the Brooks Wallace Award Watch List this

season. Madrigal has been hitting .389 as the primary leadoff man for the No. 1 team in the nation.

Casey's influence on Madrigal has not only impacted the sophomore's game, but also his character.

"Just being a good man, on the field and off the field," Madrigal said. "Baseball is just a game, but off the field you can be a good person too, and help people out and be a good leader."

Becoming better baseball players and better men is something Casey has always tried to instill in his players, but he also lives it with his family off the diamond.

In 2010, Casey and his wife, Susan, were honored with the Nell and John Wooden Coaching Achievement Award, which recognizes their dedication to team's success on the field, as well as making an impact on players' lives throughout their time at OSU.

Casey is a man who lives by his word, through which he gains even more respect from his players. Even during a difficult game, none of the players hang their heads, and neither does their coach. The team has handled pressure well, and has come through in big ways this season, especially in tight situations.

"It goes back to Coach Casey," Madrigal said. "He's really tried to implement that into us, just keep fighting every pitch, and not take a day off. Looking back on last year, we have a lot of motivation this year. We try to finish every game to the last out."

After missing the NCAA tournament last season, the Beavers accomplished redemption this season.

"That one definitely hurt," Madrigal said. "We're so motivated this year, there's a lot of things on our mind, but it definitely hurt. I think this group is headed in the right direction, we just got to keep pushing from here on out."

One player who was not with the team at the end of last season was Rasmussen. Getting his first start Friday night after 13 months of rehabilitation from Tommy John surgery, Rasmussen thinks that without the support of his teammates, his recovery might not have gone as smoothly.

"Playing for this team is absolutely incredible, and that's really helped push me along in my recovery," Rasmussen said. "The brotherly love we have is a huge reason, I would say for A) our success, and B) it's really lifted me and helped me get to this point."

Brotherly love and team chemistry have turned a team into a family for Rasmussen—this season especially. A lot of that goes back to Casey and the job he has done recruiting players, as well as setting the bar high for those players.

"I remember Case said on my visit, 'We're going to be your family away from home," Rasmussen said. "And ever since day one, him and the rest of the coaching staff, the team, they've stuck to that



MAX BRALY | ORANGE MEDIA NETWORK (TOP) Pat Casey basking in the glory of his 1,000th win after Friday's game aginst the Ducks. (ABOVE) The OSU baseball team lifting the Pac-12 championship trophy.

word. He's an awesome guy. He's done an incredible job building up an incredible program here in the Northwest. He means a lot to me just because he is a great guy on and off the field."

With two national titles and four College World Series appearances under his belt, Casey continues to build his impressive legacy at OSU. However, the winningest coach in Beaver history didn't envision this success from the start.

"No, never," Casey said. "I'll tell you what, I love winning, there's no doubt about that. But really, these guys are the ones that did it, I've got the good fortune of getting to coach them."



On June 17, 2017, professors, family, friends and others will arrive at Oregon State University's Reser Stadium support their fellow Beavers' participation in commencement and graduation. However, many students will have spent more than the typical four

years to reach this point.

According to a College Factual website about OSU, as of 2015, the OSU undergraduate graduation rate includes 31 percent of students graduating on time and 63.1 percent of students graduating within six years.

According to Sydney Laudon, a public health student with an option in pre-dental, who plans to participate in this year's commencement, students can be unclear of what they want to get out of college.

"I think students take longer to graduate because they are unde-

cided with what they want to do and what major they want to pick," Laudon said in an email. "However, I know school is expensive, so I definitely think taking time off or doing school part-time plays a role in why students take longer to graduate, and I think more and more students are adopting a pay-as-you-go mentality because of a fear of racking up a lot of debt."

Because of this, many students have to stay on top of their academic performance and balance

work at the same time, according to Beau Baca, a College of Liberal Arts academic advisor.

"Of course, there are challenges these days. Students often find themselves having to work more hours than they should while they're taking classes full time," Baca said. "Most of our degrees

There are many

challenges these

days. Students

often find themselves

having to work more

hours than they

should while they're

taking classes

full-time.

Beau Baca,

College of Liberal Arts

academic advisor

you can switch into your sophomore year easily and, if you're on the ball, finish in four years."

According to Sydney Rivas, a sophomore majoring in religious studies at OSU, students change their academic track often, adding years to their degree.

"I do believe there is a rise in students taking more than four years to graduate. I will be taking five years to graduate. I think with people changing their majors, often they fall off the track for four

years," Rivas said. "I mean that's what happened to me, and I lost a year by taking wrong classes for different majors."

However, according to the Graduation Summary 2015-16, which can be found on the OSU website, over the past three years OSU has made increases in total degrees awarded from

> See **Grad Rates**, Page 13



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(ABOVE) Beau Baca, one of the College of Liberal Arts academic advisors, believes students are facing new hardships that are forcing them to extend the time it takes to finish their degrees. (BELOW) Troy Decker, a territory sales representative at Jostens, assists with graduation announcement orders and graduation regalia sales.



BAO TRUONG | ORANGE MEDIA NETWORK

David Allison, the Beaver Store customer service supervisor, adjusts a graduation cap and tassel in the regalia display. Allison oversaw this year's Graduation Fair.

Grad Rates

Continued from page 12

year to year. This includes a 10.2 percent increase from the previous year in the 2013-14 school year, to a 2.3 percent increase in the 2014-15 school year to a recent 6 percent increase in the 2015-16 school year.

Some departments at OSU, like the CLA, are working on initiatives to aid students in earning their degree within four years.

"Something that we are working on as part of the four-year plans is to encourage our departments to plan classes further out, and that is something that can be hard to do and hard to get everybody on board with. In order for the fouryear guarantee to work for students, departments will need to start forecasting basically two years in advance when classes are going to be offered. That is something we're pushing for," Baca said.

However, whether the graduates have spent four years at OSU or more, students, staff and the university are currently preparing for the upcoming graduation.

"I am very excited to move on to the next phase of my life and hopefully be attending dental school," Laudon said. According to Cesar Zamora, a fourth-year senior majoring in microbiology at OSU, students spend quite some time in school.

"I'm just excited to finally be done. It's been 16 years of schooling and I kind of want to start working now," Zamora said.

According to David Allison, a customer service supervisor in charge of running this year's Grad Fair, held April 24 and 25, support plays a role in putting together big events.

"It's been a really great experience. There's a lot of really great support here, and we partner with Jostens, who makes the regalia," Allison said. "I can say that the Beaver Store has been very supportive. I have my predecessor who gave me a lot of good training, and Jostens is a really good partner to work with in terms of getting regalia and stuff like that in the store. I have pretty much nothing but positive experiences in terms of doing these events."

Additionally, according to Baca, there are mixed feelings about graduation.

"There are some students who I've been working with very closely for three years who are graduating this year and it's a mixture of pride and excitement for them, but kind of a sadness to see them going on to the next phase, kind of like birds leaving the nest," Baca said.

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11:00-2:00 Peer Involvement Advising Drop-Ins - chat about getting involved

Tuesday*

12:00-1:30 Peer Involvement Advising Drop-Ins - chat about getting involved

3:00-3:30 "The power of introverts" - #TedTalkTuesday

Wednesday

1:00-2:00 "Leadership + Positivity" - build a positive outlook into your leadership style. Join this interactive workshop for all skill levels.

Thursday

11:00-1:30 Spring Involvement Lunch Fair - eat free lunch and chat with students, faculty, and staff involved in OSU experiences

Friday

10:00-11:30 Men's Development and Engagement Coffee Hour - all welcome

*The SEC Welcome Desk will operate out of the Involvement Lounge these days

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HOROSCOPE

Monday, May 15-Sunday, May 21, 2017

Aries: March 21 – April 19 Jupiter isn't doing you any favors. You could be making some strange decisions about life and love, and you're only figuring it out right now. Be conscious of what you are doing, and if you're confused, seek advice and counsel

Taurus: April 20 – May 20 Mercury is moving into your sign for a few weeks. This will help you feel much more confident in your social life. If you've been single, this is a great time to meet new people and to flirt your socks off. If you're involved with someone, enjoy some sensual fun with your honey.

Gemini: May 21 – June 21 Four planets are boosting your energy. You'll feel hopeful, powerful and happier than you have in a long time. It's a great time to get rid of toxic relationships or addictions. And vou'll have sexy interactions with multiple special people

Cancer: June 22 - July 22 Neptune is telling you to trust your instincts. You have strong gut instincts, and usually, your first impression about people is correct. If you're dating new people, don't waste time on anybody who doesn't have a warm and open energy. Leo: July 23 - Aug. 22

Somebody or something from your past could come back to haunt you. The moon opposite your sign has you reconsidering how you handled certain interactions with people.

Try to make peace with anybody who used to annoy you. Virgo: Aug. 23 - Sept. 22 Mercury is moving into

a friendly sign. This will increase your sex drive and your sense of play. If you're single, you'll enjoy many flirtatious moments with new people. If you're in a relationship, you'll experience a second honeymoon feeling with your sweetheart.

Libra: Sept. 23 - Oct. 23 Don't let other people

Mars is reminding you to be self-sufficient. You could be letting a parent, friend or co-worker micromanage your life, which isn't good. Stick to your guns. You know what you want so don't apologize.

Scorpio: Oct. 24 - Nov. 2 Mercury will be opposite your sign for a while, which means you should slow down. If you're trying to make a connection with someone, this is likely to be delayed. Or you and that special friend could have schedule conflicts, so

Sagittarius: Nov. 22 - Dec.

remain patient.

Saturn is encouraging you to take a risk. You've been playing it too safe when it comes to life and love. Don't remain stuck in the same job for too long. Don't allow a relationship that is only OK to command too much of your attention.

Capricorn: Dec. 22 -Jan.19

As a private and shy Earth sign, you usually

keep things to yourself. But Mercury is encouraging you to be more outspoken and open with others. Talk to your honey about stuff that is on your mind. Being honest will pay off.

Aquarius: Jan. 20 – Feb.

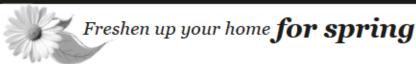
The sun is moving into a friendly sign, which will make things easier for you. If you've been trying to land a job interview or a new client, this will finally happen. If you're single, you'll find it easier to connect with sexy, intelligent and fun people.

Pisces: Feb. 19 - March

You could be interacting with someone who is draining your energy too much. The moon is telling you to take personal inventory. Maybe there's a friend, part-time lover or family member who is going too far with accessing your time and your life force.

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- 11 Wine stopper
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MIRANDA GRACE CROWELL | ORANGE MEDIA NETWORK A paper-bead necklace made by Ugandan women rests on a mannequin. These hand-made necklaces are purchased from the women in Uganda and sold in the U.S.

Uganda

Continued from page 9

input on a youth camp that was created to teach young girls about fistula and help them develop their own dreams and aspirations through education, according to Caruso.

The only way to make the partnership work overall is to help keep the organization going.

"TERREWODE does incredible work and we want to be able to support them. Our goal is to help find sustainable revenue streams for them so that they can continue doing the work they do," Caruso said.

What 16xOSU does for TERREWODE is figure out what these women want specifically and how OSU students can help meet those goals.

"We understand that the communities we are working in are not our own communities. That's why our priorities come from the communities themselves. We work very closely with TERREWODE as our on-theground partner. They are the experts, we are not," Caruso said.

16xOSU goes further, to look beyond TERREWODE's basic wants to help them evolve further economically, according to Caruso.

"When we go, we ask questions to see if

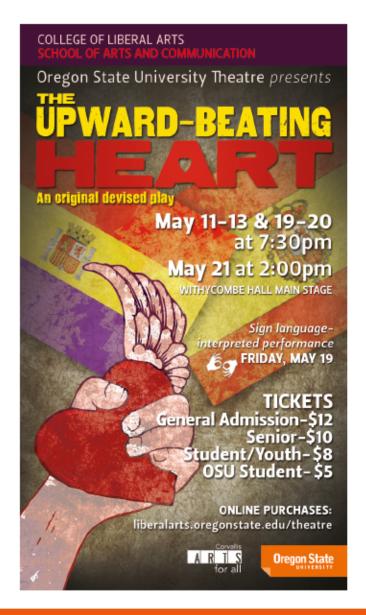
there are other needs that maybe they don't think of asking us," Caruso said. "Students return to campus with TERREWODE's priorities and work on the projects year-round as part of the student club."

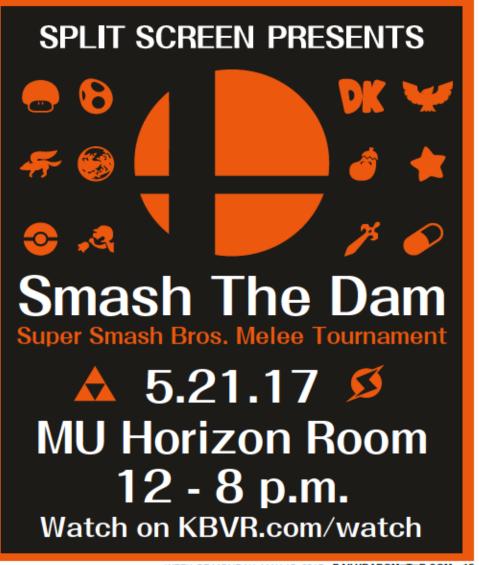
16xOSU's project lead, Erica Baldwin, is one of those developers.

"One of my main experiences with 16xOSU was traveling to Uganda last summer to work with the women and staff of TERREWODE to improve it as a business and an organization. The people are easily some of the most hardworking I've ever met," Baldwin said.

Being a part of 16xOSU is helping OSU students change lives, according to Neubaum.

"The idea behind this project is to educate OSU's business students on the impact of social entrepreneurship throughout the world. By the end of the spring term, most teams will have generated profits close to \$500. That \$500 has the ability to change a woman's life in Uganda. Understanding that business has the ability to change lives is an important conversation to be have with our students; it's empowering for an 18 or 19 year old to realize they have the ability to affect and influence change. And while most of them will not travel with us to Uganda, the simple message that their actions can change lives is incredibly powerful," Neubaum said via email.





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