



# The Daily Barometer



NICKI SILVA | THE DAILY BAROMETER

Graduate student Kali Doten and senior Sam Christensen wear signs indicating how much money they are in debt.



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Signs as part of the Committees of Correspondence for Democracy and Socialism protest mark the grass.



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Students listen to short speeches as part of the Allied Students for Another Politics' Debt Assembly Tuesday afternoon.

## \$tudent group\$ protest debt

OSU students gather to discuss student debt, solutions

By Abigail Erickson THE DAILY BAROMETER

It was a sunny, windy afternoon as a group of students marched through the library quad to the stairs of the Memorial Union Tuesday. Chanting and cheering rang through campus as the students toted a giant likeness of the "1 Percent Man" — used to represent capitalism — with them. Students carried signs like "Debt is Oppression" or wore cardboard signs displaying different dollar amounts around their necks.

Six Oregon State University groups assembled in protest of student debt. The assembly, hosted by Allied Students for Another Politics or ASAP!, featured speeches by representatives from each group, as well as a place for all students to come by and voice their opinions.

"ASAP! is a fairly new student group at OSU," said Alex Riccio, a senior in liberal studies. "It took us two months to organize this event, but it's something that affects all of us here. The main message of this assembly is that debt is a collective issue, so it requires collective action."

ASAP! members and other protesters wore red felt squares on their chests similar to what students in Quebec wore to protest student debt. According to Riccio, the square is a symbol against debt and college tuition costs.

Other groups present included the Coalition of Graduate Employees, OSU Divest, Movimiento Estudiantil Chican@ de Aztlan and the Committees of Correspondence of Democracy and Socialism.

Every 10 minutes during the start of the assembly, a representative would come up and give a speech on the group's thoughts on student debt.

Drew Hatlen, a grad student in interdisciplinary studies and speaker for the CGE, said that graduate students make up for 14 percent of enrollment across the country, but account for 40 percent of the nation's total student debt.

"When you think about debt, where does it usually start?" Hatlen asked. "The undergrads. A vision for a debt-free OSU starts with debt-free undergrads and graduate students, which means we need to get more assistantships available."

Hatlen added that getting younger See DEBT | page 2



NICKI SILVA | THE DAILY BAROMETER

The Allied Students for Another Politics use the one percent man, used to symbolize capitalism, to protest in the Memorial Union quad against rising tuition costs at Oregon State University.



HANNA BREWER | THE DAILY BAROMETER

The Oregon Opportunity Grant is designed to help students with demonstrable financial need pay their college tuition.

## Students miss out on opportunity

Oregon Opportunity Grant exemptions prevent students from accessing much-needed financial aid

By Hanna Brewer THE DAILY BAROMETER

Books, credits, housing and food are all critical aspects of everyday college life. All of these things cost money — a lot of money.

Many students work to get every scholarship and grant that they can, but sometimes they're excluded from grants that could help them because of very specific qualifications.

The Oregon Opportunity Grant is one such

grant that is available for many students to apply for and hopefully receive aid from.

"The Oregon Opportunity Grant (OOG) is Oregon's largest state-funded, need-based grant program for students planning to go to college," according to the State of Oregon Office of Student Access and Completion. "Opportunity Grants are funded primarily by Oregon taxpayers. More than 34,000 students received OOG awards totaling almost \$55 million in the 2013-14 academic year. In 2014-15, OSAC anticipates disbursing more than \$58 million to approximately 35,000 students."

On the Oregon Student Aid website, where See GRANT | page 2

Three-Day Forecast

Weather data from the National Weather Service

	<b>WED. SUNNY</b> HIGH: 59 °F LOW: 31 °F PRECIPITATION: 0%		<b>THUR. SUNNY</b> HIGH: 60 °F LOW: 35 °F PPT: 0%		<b>FRI. SUNNY</b> HIGH: 63 °F LOW: 37 °F PPT: 0%
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Softball seeks out another win in Hawaii

Sports, page 5

Homework overload creates serious problem and stress

Forum, page 7

# POLICE BEAT

Compiled from the Department of Public Safety, Oregon State Police and Corvallis Police

## Monday, March 2

### Stolen car

An officer reported to Southwest 13th Street after a man reported a vehicle stolen. According to the log, the vehicle, which had been locked, had been stolen between 5 p.m. Sunday and 2 p.m. Monday from the street. No keys were reportedly in the vehicle.

### Suspicious activity

According to the log, a woman told police that a man had pulled out his penis in the alley next to her backyard, and she believed the male was attempting to masturbate while watching her. When the police officer searched the area, he reportedly concluded that the man more likely was trying "to urinate and was startled" when he saw the woman.

### Theft of wine

An officer arrested an alleged repeat offender for theft in the third degree a day after the officer had detained him, according to the log. A thief matching the man's description had reportedly stolen a bottle of wine from U.S. Market along Southwest 4th Street, and when the officer stopped the man about a block away, he allegedly had a bottle of wine. The officer took the man to the Benton County Jail.

### Illegal camping to arrest

Officers arrested a man for criminal trespass in the second degree, resisting arrest and attempted assault on a peace officer. The man had allegedly been sleeping in the same place an officer had warned him the day before was an illegal camp site, and when officers tried to take him into custody, he reportedly "began to swing his arms" at the officers, "nearly striking" them. The officers physically subdued the man and took him to the hospital, according to the log.

## Saturday, February 8

### Dispute

Police reported to a parking lot on Northwest 13th Street and Southwest Monroe Avenue, responding to a witness' report of a domestic disturbance, according to the log. A man allegedly shouted at a woman "in her face while she was crying." The man and the woman left in a car before the officer arrived, but the officer reportedly stopped the vehicle at Southwest Washington Way and Southwest 3rd Street. The woman reportedly "did not indicate any fear for her safety" and both the man and the woman reportedly said their dispute was only verbal. The officer cited the man for not having a valid operator's license and driving uninsured.

The Daily Barometer  
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# Corvallis-to-Albany bike path experiences delays, setbacks

THE DAILY BAROMETER

The City of Corvallis and Benton County Public Works have been working on the construction of a bike path that would connect Corvallis to Albany and bypass the highway traffic. According to Benton County Engineer Laurel Byer, the purpose of the project is to create a safe mode of transportation for bicyclists, pedestrians and others in non-motorized vehicles to use safely.

"Currently those travelers are forced to use the shoulder of Highway 20, which is not wide enough in many spaces to be safe, particularly when you factor in high volumes of traffic at high speeds," Byer said.

According to Byer, the path was originally set to stretch from Circle Boulevard in Corvallis to North Albany Road in Albany.

Currently, the development has been delayed, as the original design cuts through Exclusive Farm Use zoned land. Last week, the planning commission decided that the trail, as proposed, did not properly mitigate the impacts to the farm properties.

"There were concerns about impact on farming operations along the corridor," Byer said. "We plan to re-engage property owners in that area to find ways to create a pathway connecting Corvallis and North Albany in order to create a safe opportunity for bicyclists and pedestrians to commute between the two towns."

Benton County is currently planning on taking a step back and hiring a consultant to evaluate new potential locations. The independent consultant will also seek out public input.

"We are going into this process with an open mind," Byer said. "We would like to have a path between the two communities that meets safety needs, reduces traffic congestion and is used by the community."

According to Byer, once the consultant is hired, the planning process will take upwards of six to 12 months to be complete.

"(The bike path) is a great idea that the county will continue to pursue," Byer said.

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## GRANT

Continued from page 1

it gives links and instructions to prospective students, there are three simple steps to apply for the OOG. Apply for the FASFA, check the status of the FASFA and fix any errors right away.

A little farther down on the page is a note that warns students that this is not a fail safe way to apply for and get the grant. Sometimes it depends on the year, the funds available, the students' enrollment and many other factors.

Many grants and scholarships are dedicated to specific areas of study or background eligibility. The OOG is geared mainly toward students who are in financial need.

Not only do students have to be an Oregon resident, an undergraduate with no other baccalaureate degree and at least a part-time student (enrolled in university with at

least six credits), but they also have to be within an adjusted gross income of \$70,000 or less for themselves or their families in order to be considered.

The subject a student chooses to study can disqualify them from the grant as well. Students working toward degrees in theology, divinity or religious education are not eligible for the OOG.

Portland Community College President Jeremy Brown said that the OOG only serves one-fifth of those who apply, according to the Oregon Public Broadcasting Feb. 24 article "Oregon's College Grants Help Only 1 In 5 Poor Students."

One of the continuing problems is the lack of funds for higher education. Across Oregon and other states there have been rallies and students working to try to fight for no more higher education budget cuts.

Less than a month ago, students met in Salem to speak

up about higher education costs. Students from many Oregon universities and colleges, including Oregon State University, University of Oregon and Portland State University called for a \$755 million investment that would be distributed out to the universities in order to put a cap on the tuition increases.

Over the past few years, there have been increases, slowly but surely, to the budget for the OOG in order to try to ameliorate this issue.

"I'm not eligible for the Opportunity Grant because my family makes too much money," said Brittnee Webber, a sophomore agriculture major. "But there are other grants and scholarships that pertain more to me and what I'm studying, so I think that it's good to make sure that the people who need it can get it."

Hanna Brewer, news reporter  
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## DEBT

Continued from page 1

students involved was crucial to resolving the issue with student debt and advocated for more engagement in the voting process.

"When college students are most likely to be employed as waiters or baristas than engineers, mathematicians, physicists, or chemists combined, doesn't this say that there is something wrong with our society?" asked Esther Rodriguez, a fourth-year student in liberal studies.

Chants of "people before money" rang out from the small crowd gathered at the MU steps. Rodriguez said that tuition has risen more than enrollment or the number of faculty members.

"Student debt is a huge issue and one of the most important steps we can take is to talk about it," said David DeHart, a second-year student in political science and environmental science. "We wanted to provide a space where people can talk about debt without feeling ashamed. All of the groups present have a common ground on this issue."

Abigail Erickson, news reporter  
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## CCCC holds event on social media, privacy

THE DAILY BAROMETER

The Centro Cultural Cesar Chavez will hold an educational event Wednesday from 4 to 6 p.m. to discuss how to "Protect Yourself on Social Media." Topics will cover the effects of social media on people, the effectiveness of online privacy, tactical ways to keep personal information on the internet private as well as examples of people who have been negatively affected by the information they have posted on social media networks. The event is in collaboration with the Valley Library, which will lead the discussion. Beverages will be provided.

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# Calendar

## Wednesday, March 4

**Meetings**  
**Gaming Club at OSU**, 7pm, MU 206.  
ASOSU House of Representatives, 7pm, MU Journey Room.  
**The Bird Nerds**, 5pm, Nash 206. Masters student Lee Foster will discuss his studies on sage-grouse and we will detail our plans to visit a sage-grouse lek in Eastern Oregon.

**Speakers**  
**Student Health Services Collegiate Recovery Community**, 6-7pm, MU 211. Join Betsy Hartley & Spencer Newell for an authentic conversation about battling substance addiction and obesity, and their healthy new lifestyles in recovery.

**Events**  
**Centro Cultural Cesar Chavez**, 5-6pm, Centro's Gathering Hall. Come learn how you can protect yourself on your favorite social media site; learn different safety methods to protect yourself and friends.

## Thursday, March 5

**Meetings**  
**ASOSU Elections Committee**, 6-8pm, MU 110.

**Speakers**  
**College of Science**, 5pm, LPSC 125. The Oregon State Medical Examiner Dr. Karen Gunson will speak on "Decomp and Drugs," a scientific talk about the forensic science of decomposition and opiates.

**College of Science**, 6:30pm, LPSC 125. The Oregon State Medical Examiner Dr. Karen Gunson will speak on "A Taste of Forensic Pathology," a general talk about the work of the Medical Examiner's Office.

## Friday, March 6

**Events**  
**OSU Music Department**, Noon, MU Lounge. Music à la Carte: OSU Glee Choir

## Sunday, March 8

**Events**  
**Women's Center**, 3-6pm, MU Horizon Room. International Women's Day celebrating the the struggles/power of women of all cultures and backgrounds. Food provided.

## Monday, March 9

**Meetings**  
**Waste Watchers**, 5:30-7pm, Gilkey 104. Weekly meeting - Help plan and get involved with waste reduction events, education and outreach!

## Tuesday, March 10

**Meetings**  
**ASOSU Senate**, 7pm, MU Journey Room.

**Events**  
**OSU Campus Recycling**, 2-4pm, Bing's Café. The OSU Waste Watchers and UHDS want to reward you for using a reusable mug - bring one with you to get a cup of fair-trade coffee. While supplies last.

## Wednesday, March 11

**Meetings**  
**ASOSU House of Representatives**, 7pm, MU Journey Room.

**Events**  
**OSU Campus Recycling**, 2-4pm, Bing's Café. The OSU Waste Watchers and UHDS want to reward you for using a reusable mug - bring one with you to get a cup of fair-trade coffee. While supplies last.

## Thursday, March 12

**Meetings**  
**Baha'i Campus Association**, 12:30pm, MU Talisman Room. Are Humans Noble or Sinners? - A discussion.  
**ASOSU Elections Committee**, 6-8pm, MU 110.

## Friday, March 13

**Events**  
**OSU Music Department**, Noon, MU Lounge. Music à la Carte: OSU Campus Band

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Formal written complaints about The Daily 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.

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THE DAILY BAROMETER

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It is a violation of the Corvallis Code of Ordinances and a Class A misdemeanor to give false names, addresses or dates of birth to a police officer who is giving a citation.

Similarly, a person can receive a Class A misdemeanor for false swearing, which occurs when "the person makes a false sworn statement, knowing it to be false," according to the Corvallis Code of Ordinances.

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# Oregon's craft-cider scene growing

By Victor Panichkul  
STATESMAN JOURNAL

SALEM — I've always thought of ciders as the drink of the everyman. The common man.

Wine has this pedigree about it. And craft beer drinking lately has taken on the air of a Portlandia hipster. If you drink the wrong brand, you may draw a scowl.

But thankfully, you can order a glass of cider without worrying about any baggage being associated with you.

I've never had a waiter or bartender raise an eyebrow in judgment when I've ordered a cider.

I never really knew how much I loved cider, having lived most of my adult life in the Mid-West, East Coast and Texas. I just never took to those syrupy, sweet ciders that tasted like they were pumped full of high-fructose corn syrup and apple-flavor concentrate.

The Pacific Northwest is home to a burgeoning craft-cider industry. Walking down the aisle at Liquor Outlet or Capital Market, I'm amazed at the selection of ciders from Oregon and Washington. Heck, even Roth's has a big Northwest cider selection.

One of those cider makers you'll run across is 2 Towns Ciderhouse from Corvallis.

Founded by childhood best buds Aaron Sarnoff-Wood and Lee Larsen in 2010, the idea for 2 Towns was born from a sojourn in Europe.

Larsen spent almost four years living in Barcelona, Spain. "In the northern region of Spain, there is a very strong Basque cider culture," he said.

Larsen also got to travel around France and the United Kingdom, which both also have a large cider industry.

"Aaron also spent a lot of time abroad, and he came to visit me once or twice. That's where we had our first experience with cider," Larsen said. Another childhood friend David Takush also traveled to Europe and later joined the company in 2011.

"We really just fell in love with cider but didn't really think that much of it at the time. We just really enjoyed hanging out and drinking cider," Larsen said.

When Larsen got back home, he really didn't notice much of a craft cider industry. It was glaring, especially since the majority of apples grown in the United States comes from Oregon and Washington.

"With the craft beer industry and craft beverage industry in particular in the Northwest, it seemed very weird that no one was making true craft cider," Larsen said.

"My wife actually bought me my first home-brew kit when I was just over the legal age limit. And I started experimenting with a lot of home brew, cider-making and wine-making. For my brother's wedding in 2009, I made a bunch of cider, and it was a big hit."

The first prototypes for what ended up being 2 Town's Bright Cider and Bad Apple actually was the cider served at Larsen's own wedding.

"We had them at our wedding," Larsen said, "and it was a huge hit. And that was the a-ha moment for Aaron and I."

That's when they decided to move forward with the idea to start a craft cider business.

Ciders made by 2 Towns fall into three styles: a dry French style, more robust British style and a wild Northwestern style. Their cider is sold on the West Coast from Alaska to California.

"Hard cider hasn't been in the limelight for a while, but now it's coming back," Larsen said.

"People are rediscovering them, and it's a very exciting time because we're all getting to shape what the future of American hard cider looks like."

One of the things that distinguishes 2 Towns is that they're growing their own apple orchard in addition to working closely with farmers who provide fruit. For their Rhubarbarian and Made Marion ciders, the fruit also is locally grown and freshly pressed for use in the ciders instead of using juice concentrates like some cider companies.

One of the companies flagship ciders, The Bad Apple, is an imperial-style cider fermented with local meadowfoam honey and aged in Oregon white oak barrels.

Ciders from 2 Towns were among the dozen ciders sampled by our tasting panel in our inaugural monthly tasting. Those included: Wandering Aengus Bloom, 2 Towns Made Marion, 2 Towns Rhubarbarian, E.Z. Orchards Cidre Dry, E.Z. Orchards Poire, E.Z. Orchards Hawk Haus Cider, Padre Nat's Tepachel, Finnegan Cider Semi-Dry, Atlas Pom-Cherry, Atlas Apricot, Blue Mountain Cranberry and Tieton Apricot.

Check out the top picks and comments from our tasting panel.

# Next generation taking over at GloryBee in Eugene

By Ilene Aleshire  
THE REGISTER-GUARD

EUGENE — When Eugene-based GloryBee food company was founded its workforce primarily had wings and buzzed.

Dick and Pat Turanski started the company with honey from their 25 backyard hives that they processed in their garage. They had a simple mission: To provide a natural, healthy ingredient for local consumers.

Forty years later, the company's distribution center on Airport Road is bursting at the seams, it employs close to 200 people and sells 1,200 to 1,500 different products, primarily wholesale.

And it is celebrating its anniversary by transitioning to the next generation of leadership, with son Alan Turanski and daughter RaeJean Wilson taking the reins.

It was obvious from the time he was a small boy that Alan Turanski, GloryBee's new president, would be following in his parents' footsteps, his sister said.

Turanski said he did briefly consider coaching crew or working in a bakery — "My other passion was baking." But the coaching job didn't materialize and he decided he would rather work for GloryBee than a bakery.

His father initially wanted him to get some experience working for another company before joining GloryBee. But Turanski had no interest in working for another firm. Instead, he convinced his father to let him become outside sales manager for GloryBee in Seattle after he graduated from Seattle Pacific University in 1999.

Four years and nine months later, Alan Turanski moved back to Eugene for good.

Wilson was initially less certain about working for the family firm. But, after graduating from University of Oregon in 1992, she joined GloryBee.

The turning point for her, Wilson said, was when "I fell in love with the customers."

She has fond memories of traveling cross country with her father to meet GloryBee's customers. "He drove 1,500 miles and saw every single customer once a year," Wilson said. "It was a pretty big deal, we spent five to seven days cooped up in car."

Wilson said that after she met and talked with the bakers, natural food store owners, manufacturers and others who bought GloryBee products, hearing about their problems and successes, she was hooked.

"You feel like you really know them," she said, "People in this industry are pretty genuine."

She came into the company at an interesting time, Wilson said, as it was transitioning from a Mom and Pop to an established, growing operation.

As a result, Wilson said, she was able to create roles for herself as new needs arose during this period of growth, starting in sales, moving to human resources and working her way up to vice president of stewardship and brand alignment.

Now, in her new role as executive vice president, with oversight over human she is partnering with her brother to run the company.

Wilson and Turanski are taking the reins at a time when GloryBee is facing unprecedented challenges and opportunities.

From 2000 to 2014 sales grew at an average rate of 13 percent per year, Turanski said. (As a private company, GloryBee does not disclose revenues.)

The company's line of products has expanded to include honey and agave sticks, beekeeping equipment, natural supplements, Aunt Patty's granolas — which is based on Pat Turanski's recipes, red palm and coconut oils, syrups, dried fruits and nuts, herbs and spices, seeds

and grains, craft supplies and soaps, and more.

Honey and beekeeping, however, remain the bedrock on which the company was built.

GloryBee buys from 200 different beekeepers, large and small, offering what Alan Turanski proudly describes as a unique selection of different honeys, from Raw Montana White Clover Blossom to Pacific Northwest Blackberry and Raw Buckwheat Blossom. "We'll be bringing in a new product called Coffee Blossom," Turanski said.

The bulk of the bottled honey, in fact, still comes from the Pacific Northwest, Turanski said. (Honey for industrial users comes from both the U.S. and abroad, mainly Brazil.)

The only bottled honey he is unable to source from U.S. producers is organic, Turanski said. Honey can't be certified organic, he said, if there are non-organic sources of food for the bees within a four-mile radius. Given such factors as the distances bees are transported to pollinate crops in the United States, it is pretty much impossible to meet that requirement, he said.

Going forward, Turanski said, one of the biggest challenges is how to continue sourcing quality products.

There has been a fair amount of attention paid to the growing shortage of workers in industries like manufacturing due to an aging workforce. There has been less publicity about a similar trend in farming, Turanski said. "In the United States, the average age of farmers is 55 and older."

"There are not enough farmers in the U.S.," he said, adding that as the number of family

farms decreases "it takes out a lot of diversity in agriculture."

"This is a potential issue all over the world," Turanski said.

Managing the company's growth, enabling it to continue to grow at a healthy rate, but not faster than can be handled is another challenge, Wilson and Turanski said.

There are multiple parts to this, they said, including the difficulty that companies like theirs have raising money to finance growth.

"As a private business that's family owned, that doesn't have stock, the ability to raise funds is limited," Turanski said. And, he said, food businesses are notoriously capital intensive.

GloryBee is basically out of space at its existing distribution center, Wilson said. "We've already had to lease 26,000 square feet (of space)," Turanski said, in addition to the existing distribution and manufacturing facilities.

Turanski also has pushed for sustainability initiatives, including ethical sourcing of products — sustainable, fair-trade and organic goods.

The company puts out an annual sustainability report and has a sustainability supervisor "who is helping us source and find more organic products," Turanski said.

He and Wilson also are concerned about the ongoing supply and health of bees. Amid concerns of bee die-offs and reduced habitat for bees, the company funnels 1 percent of its retail sales of honey and beekeeping supplies into its Save the Bee campaign. Full article online at register-guard.com.

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Medium

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

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

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# How do you pay for your university tuition?



“Some of it’s out of my savings and then loans and Pell Grants”  
**Alonzo Rivier**  
Junior, energy systems engineer



“My scholarships pay for my tuition.”  
**Mubarak Almansoori**  
Freshman, chemical engineering



“My parents pay for me.”  
**Shanna Chang**  
Graduate student, computer science



“I’m actually lucky enough to have inherited some money that I’m using to pay for it.”  
**Griffin Alberti**  
Senior, physics



“Loans. That’s pretty much it. My parents help me out a lot, but mostly loans.”  
**Madi Vanderzanden**  
Sophomore, microbiology



“Through loans right now. I plan on working in the summer to start paying off the interest.”  
**Austin Pendleton**  
Freshman, biohealth sciences

# About 600 U of O students get vaccinated at Knight Arena

By Christian Hill  
THE REGISTER-GUARD

EUGENE — About 600 students stepped into Matthew Knight Arena today to get vaccinated against a contagious bacteria at the center of an outbreak that killed one University of Oregon student and sickened three others.

The sluggish start of the mass vaccination clinic came despite a heavy marketing push by the university through posters, stickers, a website and social media

to encourage students to get the new vaccine to protect against meningococcal disease.

Public health officials have recommended that the university vaccinate nearly 22,000 people: all undergraduates, as well as graduate students and faculty who live on campus or have compromised immune systems.

But the university had reached less than 20 percent of that target as of today, including students who earlier got the vaccine at the UO Health Center or at the small-

scale clinics held at the basketball arena last week. The tally doesn't include students who got the vaccine at local pharmacies working in concert with the large-scale clinic, which runs from 10 a.m. to 8 p.m. through Thursday.

University spokeswoman Jen McCulley said today that it's just the beginning of the campaign and she expects a gradual buildup of students through the remaining three days of the clinic.

When the clinic ends, the vaccine will still be available at the

UO Health Center and pharmacies around the community, she said.

“It’s a long campaign,” she said. “It’s an opportunity to get it quickly and easily here” at the arena.

She noted that 51 percent of undergraduates received the first dose of a new but different vaccine when the University of California, Santa Barbara, organized large-scale clinics there in response to a similar outbreak last year.

Public health officials say that while students are at a very low risk of contracting the disease, it's critical that as many students as possible get vaccinated to prevent any more cases at the UO.

Adding to the challenge is that students must get two follow-up doses, given two and six months, respectively, after the initial dose, to get the greatest protection from the vaccine, which goes by the brand name Trumenba and is developed by Pfizer. The UO is scheduling follow-up clinics in

May and September to do that.

And even then, public health officials are uncertain about exactly how well it works. Trumenba received accelerated approval from the U.S. Food and Drug Administration in October, but this is the largest population it's been used on since that decision.

“We think it’s really important that students complete the series,” said Dr. Paul Cieslak, medical director for the Oregon Health Authority’s public health division. “The vaccine is really new. We don’t have a lot of data on how well it works. And the vaccine manufacturer, when going through the FDA approval, presented data on how good the immune response is with the three doses. It’s all predicated on completing the three series.”

A bacteria can cause potentially fatal meningococcal disease, which can lead to a blood infection known as meningococemia, or meningitis — the swelling of protective walls of the

brain and spinal cord.

Students may have already received a vaccine that protects against the four types of the bacteria that cause most incidents of the disease.

But until the FDA’s decision on Trumenba, followed by its approval of two-dose Bexsero in January, there was no vaccine against the B-type bacteria that sickened the three UO students and killed Lauren Jones, 18, a member of the university’s acrobatics and tumbling team.

A percentage of the population, known as carriers, can harbor the bacteria that causes meningococcal disease without it doing harm.

Once spread through kissing, sharing utensils or cups or by having prolonged, close contact, it can lay dormant in the nose and throat of an infected individual for up to two weeks before dissipating or going on the attack. Once the latter occurs, however, a full-scale infection can kill in as little as 24 hours.

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Beaver Tweet of the Day  
 "Why doesn't Corvallis have an IHOP?! All I want is a free stack of pancakes!!"  
 @DevenHunter32 Deven Hunter

# Men's basketball not done yet



JUSTIN QUINN | THE DAILY BAROMETER

The Oregon State student section cheers during the Beavers' game against Colorado in Gill Coliseum Feb. 21.



JUSTIN QUINN | THE DAILY BAROMETER

Junior guard Langston Morris-Walker walks onto the court before his teams' game against the Colorado Buffaloes in Corvallis Feb. 21.

■ Despite two more losses away from home, Tinkle, Beavers focus on what's next

By Josh Worden  
 THE DAILY BAROMETER

From time to time this season, Oregon State head coach Wayne Tinkle has given his players an extra day off practice, especially with the extensive minutes many of his players need to spend on the court every game.

With Wednesday's Civil War looming, though, Tinkle and the Beavers

held a full practice Monday in Gill Coliseum the day after a 73-56 loss to California in Berkeley.

"We've got to get after it and get better," Tinkle said. "We didn't even hesitate. We knew we had to hit the court (Monday) with only two days to prep."

OSU (17-12, 8-9 Pac-12) will face Oregon (22-8, 12-5) at 8 p.m. Wednesday in Gill for the 344th edition of the Civil War. This is only the second time in the last 39 years that both OSU and Oregon have at least 17 wins heading into a Civil War.

Both teams are coming back from

### Men's Basketball

What: Oregon State vs. Oregon  
 Where: Gill Coliseum  
 When: Wednesday, March 4 at 8 p.m.  
 Air: ESPNU

the same Stanford-and-Cal road trip. The Beavers lost both by a combined 44 points, while the Ducks, who Tinkle called "the hottest team in the league," won both games and have won eight of their last nine.

The two Civil War games bookend the Pac-12 slate; OSU lost 71-59 back on Jan. 3 in Eugene and now play the

Ducks at home in the last contest of the regular season. The Pac-12 Tournament starts March 11 in Las Vegas. If the season ended today, the Beavers would hold the six seed and would play Washington in the opening round.

Though the Ducks have garnered the headlines as of late, the narrative was different immediately after the first Civil War. The Beavers built the hot streak with five wins in the next six games, while the Ducks faltered and lost three of the next four.

The second half of the Pac-12 season, and the second halves of the last

couple games, have not been kind to OSU.

At the halftime breaks of the Stanford and Cal games, OSU led the Cardinal by two and trailed the Golden Bears by one. Combined between the two games, the Beavers were out-scored 88-43 after the break.

"We've finally gotten to where we're scoring the ball decently in the first half, but it seems like we hit the 10-minute mark (in the second half) and we fall apart," Tinkle said. "And that's on the road. At home, we've been

See **MEN'S HOOPS** | page 6

## Beavers search for another 5-0 weekend

■ Oregon State softball looks to avoid loss for second consecutive weekend in Honolulu

By Mitch Mahoney  
 THE DAILY BAROMETER

Oregon State softball is in Honolulu this week, playing in the Hawaii Spring Fling from Wednesday to Saturday. The Beavers (15-5) begin the tournament against Longwood (2-8) before playing Hawaii (12-8) on Thursday. Friday is a double-header, with games against East Carolina (6-11) and then a second game against Hawaii. The Beavers will finish the tournament on Friday with a rematch against East Carolina as well.

This will be the last tournament Oregon State plays before it enters Pac-12 play. Currently, six

### Softball

What: Oregon State vs. Longwood  
 Where: Honolulu  
 When: Wednesday, March 4 at 7:30 p.m.

Pac-12 teams are ranked: No. 2 Oregon, No. 13 Arizona, No. 15 UCLA, No. 16 California, No. 19 Washington and No. 22 Arizona State. Stanford and Utah are both receiving votes, while the Beavers haven't gotten a vote yet this year.

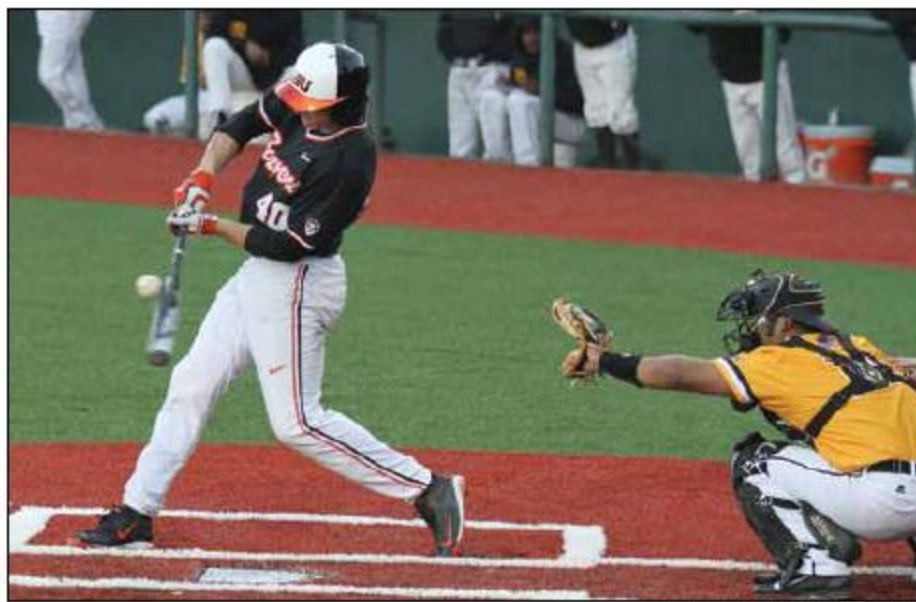
In spite of that, the Beavers are coming off a 5-0 weekend at the Fresno State Classic. Senior catcher Hannah Akamine was named the Pac-12 Player of the Week for her play in the tournament. She hit 8-for-14 during the weekend for a .571 batting average. She scored seven runs

See **SOFTBALL** | page 6



JUSTIN QUINN | THE DAILY BAROMETER

Senior Infielder Ya Garcia releases the ball towards home against the Arizona State Sun Devils in Corvallis March 16, 2014.



JUSTIN QUINN | THE DAILY BAROMETER

Junior outfielder Jeff Hendrix makes contact with the ball against Grambling State in Goss Stadium Feb. 28.

## Busy week ahead for 8-3 Beavers

■ OSU Baseball plays five games this week, starts in Portland, ends against Fresno State

By Brenden Slaughter  
 THE DAILY BAROMETER

OSU will take its annual trip to the Rose City Wednesday, March 4, as they take on the Portland Pilots in a 2 p.m. matinee. This is the first of three games that the Beavers and the Pilots play, with the next matchup being in Corvallis and the finale being in Portland.

### Baseball

What: Oregon State vs. Portland  
 Where: Portland  
 When: Wednesday, March 4 at 2 p.m.

The Beavers will look to continue their domination in the series with the Pilots, as they have won 21 consecutive games against Portland, a streak that is equaled only by a stretch from 1959-69. Should the Beavers win their 22nd, it would be OSU's longest win streak against any school in

team history. Portland is entering Wednesday's matchup, following a 1-2 weekend against UC Davis; the Pilots are 3-11 overall. Portland was picked to finish last in the West Coast Conference.

The Pilots are led by skipper Chris Sperry, who is entering his 17th season at the helm. He is second all time in Portland history in wins, trailing only legendary coach Joe Etzel.

Sophomore infielder Michael Lucarelli leads the

See **BASEBALL** | page 6

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Oregon State UNIVERSITY

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## SOFTBALL

Continued from page 5

and had nine RBIs.

Junior pitcher Bev Miller improved her record to 8-4, and her weekend even included a no-hitter against UCSB, which is the first no-hitter by an OSU player since 2011. On the season, Miller has an ERA of 2.66 and has thrown 57 strikeouts.

Prior to the Fresno State Classic, head coach Laura Berg made it clear what her expectations were as the team prepares for the Pac-12 slate.

"These next two tournaments, we need to go 5-0," Berg said. "We need to go into the Pac-12s on a high note."

After sweeping the Fresno State Classic, they'll look to do the same this week. The Beavers were propelled by their bats, as they scored in double-digits in four of their last five games.

**These next two tournaments, we need to go 5-0.**

**Laura Berg**

Head coach, OSU softball

That streak ended after scoring eight runs against Rutgers. For the tournament, the Beavers batted .418 and outscored their opponents 64-28.

Senior outfielder Dani Gilmore currently leads the Beavers with a batting average of .485. Gilmore led the team last year with .407, which was the fourth-highest batting average in Oregon State school history.

The Beavers have a significant advantage against Longwood in terms of hitting. On the season, OSU is hitting .337 while Longwood is hitting .213 and has not scored double-digit runs once this year.

Oregon State plays Longwood at 7:30 p.m.

**Mitch Mahoney, sports reporter**

On Twitter @MitchHere  
[sports@dailybarometer.com](mailto:sports@dailybarometer.com)

## MEN'S HOOPS

Continued from page 5

finding ways (to score)."

"It could be a combination of things," added junior forward Olaf Schaftenaar of the second half struggles. "A lot of guys are logging a lot of minutes and are playing through injuries here and there."

The key against Oregon will be limiting senior guard Joseph Young, who paced the Ducks in the first Civil War with 27 points coming largely from his 5-for-6 shooting beyond the arc. Young averages 20 points per game on the year and has posted 32 points in three different games.

Schaftenaar and the other OSU juniors have only defeated the Ducks once in six tries, including a loss in the Pac-12 Tournament's opening round last season.

"It's a whole different level of intensity," Schaftenaar said of the Civil Wars he has experienced. "Obviously there's a whole lot of people watching ... it means a lot to people from Oregon."

Last season, the Beavers also lost in the Eugene Civil War but claimed a home win over the Ducks. Tinkle is looking for his team, even with few of the same players from last year's team, to repeat history.

"We told the guys after the Cal loss (Sunday), we've loved what they've done, but let's not be finished with this season," Tinkle said. "There's still the Tournament in front of us, Oregon is in front of us. Let's get some momentum from the Oregon game and see what we can make happen in the Tournament."

**Josh Worden, sports reporter**

On Twitter @BrightTies  
[sports@dailybarometer.com](mailto:sports@dailybarometer.com)

# Media Position Announcement

- **Daily Barometer Editor-in-Chief**  
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- **Daily Barometer Business Manager**  
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The above positions are open to any bona fide student at Oregon State University.

To be considered, an applicant must: (1) have earned a g.p.a. of at least 2.0 from Oregon State University, (2) be enrolled for at least 6 academic credits, (3) not be on disciplinary probation, and (4) be making normal degree progress.

To apply, applicant must: (1) complete an application form obtained from the Orange Media Network Office, MU East, room 118, (2) submit a transcript, (3) submit a letter of application, (4) submit a resume, and (5) submit a letter of recommendation. Deadline to apply is Monday, March 30 at 5 p.m. Positions open until filled.

Applicants will be interviewed by the University Student Media Committee on April 2, 9 or 16. Candidates will be notified of interview date and time.

OSU Orange Media Network

Oregon State UNIVERSITY

## BASEBALL

Continued from page 5

Pilots offensively; he currently sports a .347 batting average and leads the team in hits with 17.

The Beavers figure to send out sophomore Jake Thompson to the mound on Wednesday. Thompson, who many thought would be a weekend starter, has struggled with control and has been moved back to midweek duty. The starter for the Pilots is still yet to be announced.

The Beavers take just one day off before returning to the friendly confines of Goss Stadium to host the visiting Fresno State Bulldogs for a four-game series that starts Friday at 5:30 p.m.

Fresno State is currently sitting fourth in the Mountain West Conference, fresh off a weekend sweep of conference rival UNLV. The Bulldogs have been drastically different on the road compared to at home. They enter Corvallis this weekend with a 0-3 road record, with those 3 losses coming by the way of the Nevada Wolfpack. Fresno State is pretty close to par with where they were tabbed to finish in the Mountain West conference, as the media picked them fifth.

The Bulldogs are led into action by Mike Batesole, who is entering his 13th season.



JUSTIN QUINN | THE DAILY BAROMETER

Freshman infielder Christian Donahue goes for the baseline bunt against Grambling State in Goss Stadium Feb. 28.

Batesole has a very impressive resume that includes two national coach of the year awards, (1998 and 2008), and a National Championship. He brought Fresno State University their first ever National Championship in any sport when the Bulldogs won the College World Series in Omaha in 2008. In Batesole's tenure, the Bulldogs have been particularly dominant, winning seven-straight conference titles from 2005-12, and made six NCAA appearances in that time. He has more than 400 career wins at Fresno and is their winningest coach in school history. Fresno State is led by junior

catcher Taylor Ward, who currently leads the team in a plethora of categories that include home runs (5), RBIs (14) and slugging percentage (.837).

On the mound, Fresno State's starting pitchers are junior right hander Jake Shull, who leads the team with a 2.25 ERA, senior righthander Garrett Mundell, who leads the team in opposing batting average, with opponents hitting just .185 against him, sophomore Jimmy Lambert, who leads the team in strikeouts with 13 and junior southpaw Dylan Lee, who leads the team in fewest walks allowed at four.

The Beavers figure to counter on Friday with junior Andrew Moore, who leads the team in innings pitched at 22. Saturday the nod will go to freshman Drew Rasmussen, who leads the team in strikeouts with 22, Saturday evening junior transfer Travis Eckert will get the start, as he is first on the team only allowing seven runs on the year and to finish off the weekend, and Luke Heimlich will get the start for the Beavers on Sunday. Heimlich is the only left hander with starting experience for OSU.

**Brenden Slaughter, sports reporter**

On Twitter @b\_slaughter  
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## Editorial

### Oregon Opportunity Grant shortchanging students

Surface-wise, the Oregon Opportunity Grant looks like a great deal:

Money awarded specifically to students with low-income families so that they have the opportunity to go to college.

The stipulations, according to Oregon's Office of Student Access and Completion, only being that to achieve eligibility, applicants must be an Oregon resident, an undergraduate student with no prior baccalaureate degrees, enrolled at least half time at an Oregon-based postsecondary institution, have financial need, have no defaults on student loans and not be incarcerated.

Shoot, that sounds like nearly everyone we know — where do we sign?

But not yet — there's more. There is an income limit of \$70,000, so if your family makes more, but isn't helping you foot the bill, then no college for you except on your own dime.

OOGs are awarded on a first-come, first-serve basis until the funds are no more.

These funds, at least for the 2014-2015 year were "more than \$58 million to approximately 35,000 students."

If you divide that up evenly for said students, each applicant could get \$1,657 — almost enough to pay for an economy triple room for one term in certain residence halls, according to 2014-2015 Room and Dining Rates.

Also, don't bother applying if you are studying a degree in theology, divinity or religious education, because you're not eligible.

You know how else you could be considered not eligible?

Your spouse working three jobs and "making too much money," according to a piece from Oregon Public Broadcasting by Rob Manning.

Because Anita Magana's husband makes too much money from the combination of his three jobs, which goes into supporting their family with food and shelter, Anita doesn't qualify for an OOG.

Technicalities. Don't you just love them?

In fact, because of these technicalities, only one out of every five applicants actually gets the OOG.

Granted, some of the applicants are dismissed because they are well within their resources to pay for college without outside assistance.

If that's the case then why isn't this opportunity better advertised?

We can tell you to get out there and talk to your advisers about financial problems, to get your scholarships and grants filled out and to fill out your FAFSA and OSAC on time.

It's important.

But it is also on the government to advertise this opportunity — through programs like Gear Up and high school advising staff who can work hands-on with students they know come from low-income families.

This assures the money goes to those who really need it.

Editorials serve as means for Barometer editors to offer commentary and opinions on issues both global and local, grand in scale or diminutive. The views expressed here are a reflection of the editorial board's majority.

## Letters

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 Daily Barometer reserves the right to refuse publication of any submissions.

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c/o Letters to the editor  
Memorial Union East 106  
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# Enough homework is enough

Kayla King

## Guest Column

It's a sentiment that has been heard before, but bears repeating — we, as students, have too many expectations in our daily lives and are under too much undue stress.

The culprit?

Well, among a few things, the homework load is the greatest burden of all.

Again, while not an entirely new sentiment, I feel it is such an important one that it should be repeated as many times as necessary until real change comes about on the issue.

As I write this article, I have rushed home after four straight hours of class, on top of the three hours of homework experienced the night

before, all before my five-hour shift tomorrow on campus.

Teachers expect far too much of students in terms of workload, and it needs to change.

Homework is not a bad thing, nor is it inherently destructive or evil.

Homework is a great tool for sharpening the mind, testing your close reading skills and helping you see what areas you might need to focus more on within the course.

But the sheer volume piled on top of us is destructive and is a very bad thing.

Too much stress leads to anxiety, depression and even real medical ailments, to name a few things.

Our teachers need to remember that most of us have close to four other classes in addition to their own, as well as jobs, families and the demanding pressures of any kind of social life outside of work and school.

Most would say this is simply college and to toughen up — but what good does that afford us?

What is the benefit of needless stress, anxiety and possible depression?

Too much homework is, in fact, a real detriment to a student, as oftentimes students will simply skip

See KING | page 8

## At Random by Ryan Mason



www.AtRandomComics.com

RYAN MASON IS A SENIOR IN GRAPHIC DESIGN

# Science behind calcified fetuses

Dear Dr. Sex,  
What is a calcified fetus and how does it happen?  
Signed,  
Totally Creeped Out

Kathy Greaves



Ask Dr. Sex

Dear Totally Creeped Out,  
That's a great question.

I often get questions that I would classify as more medical questions — ones that I feel really don't have anything to do with sex and relationships — but feel compelled to answer them anyway because they are incredibly interesting.

Keep in mind that I do not have a medical degree, nor have I ever

what an abdominal pregnancy is.

To understand what an abdominal pregnancy is, you have to understand what a typical pregnancy is — meaning that an abdominal pregnancy is atypical.

So typically, egg and sperm unite in the fallopian tube.

Thus, fertilization or conception has occurred. After conception, the fertilized egg is supposed to travel to the uterus and implant in the uterine lining. Soon after implantation, the placenta and umbilical cord develop.

worked in the medical profession, so I may not even be qualified to answer these types of questions. I am, however, fascinated when the human body does something it isn't supposed to do — which is the case with a calcified fetus.

So to understand what a calcified fetus is, you first have to understand

See GREAVES | page 8

## Letter to the Editor

In response to Di Raffaele's column

'White guilt doesn't solve larger problems'

Ms. Di Raffaele,  
I'm confused about your piece on white guilt.

When you say that European and white culture is not recognized or acknowledged in society I have to wonder what society you are referring to.

Because the society I live in: Oregon State University, Corvallis, Oregon and the USA all do a pretty great job at recognizing white people.

Whether I turn on the TV, look at a magazine, listen to the radio, go to the doctor's office, seek legal advice, apply for a job, apply for an apartment, get pulled over by the police, go talk to a professor, or some high ranking administrator, a politician or any person in charge, there is HUGE probability that the person I'm seeing, hearing, meeting or trying to appease is white.

I would argue that US society as a whole is a celebration of white culture, and white people have the privilege of being insiders.

You claim that white people are unfairly criticized for deeds done by other white people or by white people in the past.

The problem with this is that thinking about racism (and other forms of social injustice) as historical events or isolated instances dull our ability to see and address their contemporary permutations and macro scale effects.

We might have abolished formal slavery, but we're keeping the ideology alive and well with social stigma, exclusion, inescapable poverty and preferential criminal 'justice.'

Likewise, creating false binaries by categorizing modern people and events as either racist or not is equally unhelpful.

It allows people to ignore their own racism because it doesn't fit whatever the current example is.

The truth is, whoever you may be, it is highly unlikely that you are free of racism (along with a myriad other forms of prejudice) in how you think and act.

It is a constant, lifelong labor to work against one's natural tendency towards bias and discrimination.

The reason, Ms. Di Raffaele, that you feel the racism of white people is more heavily called out upon is because white people have the power in this country and therefore their racism has more meaningful consequences. White people control every institution in this country that has significant power over our lives. Accordingly, people of color are systematically discriminated against, and their quality of life is affected by it.

So, people who fight for social justice necessarily have to fight against the racism of white people.

While you say that you understand and accept that you are seen as having privilege, the fact that you can't even bring yourself to write that you do have privilege (and not seen as having privilege - along with the general message of your article as a whole) leads me to think that you really don't recognize what it means to live with privilege. Not understanding and getting defensive about criticism towards white racism is a testament to your privilege.

The inability of those in power to see the injustice that occurs daily in the world around them is perhaps the clearest indicator of how unjust that society is. I highly suggest you take a queer studies or WGSS or ethnic studies course in your last term to learn more about power, privilege and discrimination.

Or, if you would rather continue in your current mindset, allow me to be the first to congratulate you on how white you are.

CHARLES TURNER  
Senior, BioHealth Sciences:  
Pre-Clinical Laboratory Science

# Age-old chicken, egg queries answered

What came first, the chicken or the egg? I know what you're thinking: "What a silly question." Well as surprising as it may be, that's not the answer to the imponderable. Maybe it's best to say, we don't eggactly know.

According to the creator of chickens, and biblical record of their origins, the chicken came first.

Genesis 1:21 says "on the fifth day, God created every winged bird after their kind; and God saw that it was good."

Then he blessed them, saying, "Be fruitful and multiply, and let birds multiply on the earth."

For chickens, this means laying eggs and passing on their DNA.

So is this the answer, or just a story to explain the origins of our chicken strips?

In a nutshell, or maybe more fitting, an eggshell, two birds that weren't chickens likely created the first chicken egg.

Today's chickens evolved from other species of birds through small changes caused by the mixing of male and female DNA and by mutations to the DNA that produced a zygote.

Before the very first chicken zygote, there were only non-chickens. The zygote cell is the only place where DNA mutations can produce a new animal, and the zygote cell is housed in the chicken's egg. By this logic, the egg came first.

While it's safe to bet that eggs came



Gregory Christensen  
Cultivating Innovation

first, but we may never know for sure. What we do know is that eggs taste egg-straordinarily great.

Eggs have received a bad reputation as they contain high levels of cholesterol. However, cutting eggs out of your diet is a bit eggstreme.

According to the Mayo Clinic, "the effect of egg consumption on blood cholesterol is minimal when compared with the effect of trans fats and saturated fats found in other breakfast foods."

Most healthy people can eat up to seven eggs a week with no increase in their risk of heart disease. Mayo clinic studies also have shown that this level of egg consumption may actually prevent some types of strokes.

"Give me ham on five, hold the Mayo." No, that quote from Airplane isn't relevant, just funny.

So lets eggamine the egg. Why are brown eggs healthier than white ones?

Well for starters, they're not. That's right, you've been lied to.

A brown egg is just a white egg with a thin brown or tan pigment. Chickens that lay white eggs have a genetic mutation that prevents the brown pigment from being added to the shell.

So what's the difference then? Absolutely nothing but the color of the wrapper. Today, the majority of eggs in stores are white because the most efficient laying hens are white egg layers.

Several decades ago, most eggs in our omelets had brown shells.

When consumers first saw the new white eggs, they had to have them.

Today, consumers want brown eggs for the same reason, because they look healthier and differ from the norm.

Before World War I, Oregon, and specifically Oregon State University, was the leader in poultry research. While we might not hold that title today, James Dryden, a former Oregon State scientist and his birds hold several world records.

Lady McDuff was the first hen documented to lay 300 eggs in a year, and Oregon laid 1,000 eggs in a lifetime.

Their breeder, Dryden, is the only poultry scientist to be inducted into the Agriculture Hall of Fame.

We've come a long way since the first chicken or egg.

While we might not have an egg-splanation of the origin story, we can all agree that eggs are eggceptional. Pardon the eggspression.

Gregory Christensen is vice president of the agricultural executive council at OSU. The opinions expressed in Christensen's columns do not necessarily represent those of The Daily Barometer staff. Christensen can be reached at forum@dailybarometer.com.

## KING

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a class in order to complete a large workload for another class.

Similarly, it can be difficult to pay attention in class and stay awake when you've had to stay up until 2 a.m. the night prior completing the homework for said class, unable to have started it earlier because you got home in the early evening from your late shift that you needed to take on in order to pay for your living expenses and tuition.

I am not saying we need to have our hands held and be rocked to sleep, nor am I saying to burn all homework for eternity — I am, however, advocating and pleading that our teachers think twice before assigning several hours of homework. Instructors should not expect their students to often complete assignments in fewer than 48 hours before the next class meeting when three others are likely asking for the same thing.

Kayla King is a guest columnist for The Daily Barometer. The opinions expressed in King's columns do not necessarily represent those of The Daily Barometer staff. King can be reached at forum@dailybarometer.com.

## GREAVES

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Now let's move on to an abdominal pregnancy.

I like to think of these as rebel pregnancies. Imagine you have a fertilized egg in the fallopian tube. This "rebel" egg decides that instead of traveling to the uterus, it will go in the opposite direction — toward the ovary.

An important fact to know here is that the fallopian tube and the ovary are not connected to one another — the end of the fallopian tube nearest the ovary is actually open to the abdominal cavity.

Abdominal cavity?

Abdominal pregnancy?

Do you see where I'm going here?

Yes, crazy as it sounds, this rebel egg leaves the fallopian tube and goes on an exploration of the abdominal cavity. If it is lucky — extremely lucky, crazy Vegas odds lucky — it will find the liver and attach to it.

The liver is the favored organ, as it has a rich blood supply — enough to keep a fertilized egg alive and developing through an entire gestational period.

Somehow — and beyond the scope of my understanding — an umbilical cord develops and connects to the liver, thus supplying the embryo and then fetus with nutrients and oxygen — and ridding the embryo-fetus of its waste.

These are the pregnancies that women are unaware of until the fetus starts moving and kicking. They are unaware because they continue to menstruate. They continue to menstruate because their uterus is unaware of the pregnancy, so it just goes about its business of shedding its lining every 28ish days.

These pregnancies are carried to term and delivered in a process similar to a Caesarean section.

Abdominal pregnancies carried to term are extremely rare, as the GPS of most fertilized eggs is broken, so very few actually find the liver.

What typically happens with rebel eggs is they wander around in the abdominal cavity for some period of time, don't find the liver, cannot survive without the blood and oxygen supply, die, and simply get absorbed as excess cells by the body. It is estimated that one in 11,000 pregnancies is this type of abdominal

pregnancy.

Now I'll tell you about calcified fetuses. The proper medical term is Lithopedion.

Another slang term is "stone baby." Imagine a rebel egg is wandering around, it never finds the liver, but it stays viable for longer than most other rebel eggs. It will continue to grow, multiply and divide.

At some point, it will get too big to be absorbed, but once it has died, it can be harmful to the mother for a number of reasons I won't get into here. So to protect the mother from the harmful effects of dead tissue inside her, a calcium shell forms around it.

Keep in mind that these are unusually rare, possibly only about 300 known cases in the world — ever. Of those one in 11,000 pregnancies being abdominal, it is estimated that 1.5 percent of those could develop into a Lithopedion.

That's about 1 in a million pregnancies.

With that said, these calcified embryos can remain in a woman's body for years. If desired, she can continue to have normal uterine pregnancies.

The most recent case was discovered in 2014 in an 84 year-old woman in Brazil.

Apparently she was pregnant 44 years prior and thought at the time that she miscarried.

Nope.

Her pregnancy was abdominal and then turned calcified.

The stone baby was "residing" in her abdominal cavity for 44 years.

See, now isn't the human body way more interesting when it does what it isn't supposed to do?

Dr. Kathy Greaves is a senior instructor and faculty member in the college of public health and human sciences. Greaves hosts sexuality and relationship Q&A sessions in the residence halls and the co-ops, in sororities and fraternities, in the cultural centers and for community groups. The opinions expressed in Greaves' columns do not necessarily represent those of The Daily Barometer staff. Greaves can be reached at forum@dailybarometer.com.

Email questions for the column to forum@dailybarometer.com, with the subject "Ask Dr. Sex." Your name will not be published. Submissions not associated with Oregon State University will not be accepted.



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