

# Small beads, big problem



HEATHER MARCH | THE DAILY BAROMETER

Microbeads found in household products damage marine environment according to OSU researchers, state considers ban

**By Anna Le**  
News Contributor

Microbeads, commonly found in beauty products like face wash and toothpaste, are polluting our oceans with plastic.

The pieces of plastic are 0.1 and 0.5 millimeters in size and are not biodegradable, making it a rising concern for marine life.

"The issue with microbeads is that our waste water treatment processes were never designed to handle a product like this," said Stephanie Green, postdoctoral scholar in the department of integrative biology at Oregon State University. "We did not have microbeads when we were establishing how to treat waste. The problem is that, we right now, have no practical way of filtering out trillions of little particle fragments out of waste water."

Microbeads enter the environment by being washed down bathroom drains.

"Even though 99 percent of microbeads settle out because they are heavier than the water in the treatment process, there's still one percent, that's still eight trillion microbeads a day. So it's still a huge number even though a lot of the microbeads are being captured and going into the sludge," Green said.

The sewage sludge is often used over land as fertilizers, and from there, the microbeads runoff with rain into streams and oceans, taking the long route to aquatic ecosystems and animals' stomachs.

"My colleague Chelsea Rochman, marine ecologist and postdoctoral at University of California, Davis, and other scientists are starting to show that not only plastic themselves stay really

long term in the environment, but they can really amplify the problem of other toxins entering wildlife and potentially humans," Green said. "Other contaminants can hitch a ride on these pieces of plastic and if they are being eaten by other organisms and can work their way up the food chain."

"We have information that microplastics cause both physical and chemical impacts to wildlife," Rochman said. "We know that hundreds of animals can eat this material and that it can either cause mechanical harm in their gut, intestinal tract, or cause them to feel full and stop eating. Microplastics actually contain a cocktail of chemicals, some of them which could be hazardous at certain concentrations. So if an animal ingests a high dose, they can have a toxic effect."

The plastic in the microbeads are polyethylene and polypropylene, which are the same types of plastic used to make milk jugs and other household containers.

The use of microbeads is contributing to the increased flow of plastic into the oceans.

"By banning microbeads, essentially we're eliminating one way plastic is entering aquatic environment," Green said. "It's a fairly substantial source, eight trillion beads per day, and there's not another technological solution to get rid of that particular source of plastic in the environment. So a ban right now is the only option we have to ensure that the contamination stops."

In June 2014, Illinois became the first state to ban production and manufacture, or sale of products that contain plastic microbeads. Recently, California lawmakers approved a bill that would

take effect on Jan. 1, 2020. Other states, including Minnesota, New York, and Oregon are considering bans or other legislation on plastic microbeads.

Major manufacturers like Johnson & Johnson, and L'Oreal have pledged to search for alternatives and take microbeads out of their products.

Alternatives such as crushed nutshells and charcoal can be used as an exfoliate. The Body Shop and Lush are some of the stores that use alternatives to microbeads.

"There's a number of different natural exfoliates that are not made of plastic that are being used. It's just sourcing out what products contain natural biodegradable ingredients versus microbeads. There's actually an app you can download that will help them find products that have natural alternatives in it," said Green.

A smartphone app, called Beat the Microbead, was launched in 2012 as part of the Beat the Microbead campaign. The App allows consumers in many countries to scan the barcode of personal care products and check for the presence of plastic microbeads.

"I think this is really a problem that's emerged that we've become aware of," Green said. "I think that it's a really good opportunity for people to be aware of how their everyday choices when they are at a drugstore or at the pharmacy can go down and affect our oceans and our ecosystems. It's an opportunity for people to easily get engaged in protecting the environment and finding a smart consumer choice."

The Daily Barometer  
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# News



NICKI SILVA | THE DAILY BAROMETER

Prudence Eca, a junior studying industrial engineering, is the treasurer for Oregon State's chapter of the National Society for Black Engineers.

## Get to know your student leaders

### National Society for Black Engineers Treasurer, Prudence Eca

By Julie Cooper  
news contributor

Prudence Eca runs a tight schedule. During the school year, Eca's every hour is accounted for. By fine-tuning his time management skills, he balances working toward an industrial engineering degree, a job, socializing and occasional volunteering. Even at the close of summer, Eca kept busy with work and preparing for a

wedding. At the beginning of his junior year, Eca found another activity to fill his time as the new treasurer for Oregon State's chapter of the National Society for Black Engineers. As treasurer for the NSBE, Eca is in charge of organizing fundraising efforts, overseeing the budget for conferences and other events, and helping to find grants to fund the organization.

Though Eca is new to the position, he hopes to help make a greater name for the NSBE at Oregon State, bringing more visibility to the group through an increased number of events. "Our society doesn't do too many events on campus, so I was hoping to hold more. I think we're going to have a beginning of the year introduction event, but I want to do more throughout the year," Eca said. While the NSBE advocates for academic achievement, it also allows students the opportunity to see engineering in action, removed from the campus setting. "We usually take field trips up to different companies, and learn what the company does," Eca said.

According to Eca, the NSBE chapter at Oregon State has given members the opportunity to learn with the best of them. In the past, the organization has taken students to visit big companies like Hewlett-Packard Co. and Nike.

Though the NSBE has worked in partnership with such big names in the industry,

Eca also seeks to encourage more local support.

Eca anticipates a greater collaboration between the NSBE and other campus organizations and clubs in the following year. "We'll have our meetings at the Lonnie B. Harris Black Cultural Center, and since we'll be doing that, I'm hoping to collab a lot more with those groups that are kind of local, kind of umbrella groups," Eca said.

Prior to his involvement with the NSBE, Eca has held several positions within such local groups, working to promote diversity and cultural understanding at OSU.

During his freshman year, Eca worked at Intercultural Student Services, now called Diversity and Cultural Engagement, doing clerical work for the organization.

"I met a lot of different people that came into the office, and they spoke of different places on campus, and that led me to explore different organizations," Eca said.

In his sophomore year, Eca joined the team at the Lonnie B. Harris Black Cultural

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**Jack Dillin, 24**  
Financial Planning Analyst  
Lake Oswego, OR

**Where are you now?**  
I began my career with a wealth advisory practice under the Ameriprise Financial Services, Inc. umbrella following my March 2014 graduation. I am a registered investment advisor and general securities representative on track to be a financial advisor.

**Who were you in college?**  
Once a biology major, I graduated with a B.S. Business Finance. I began working for The Daily Barometer in February 2012 as an account executive. I excelled in the position and was promoted to business manager of the group. I served on multiple committees & teams within Orange Media Network and the university.

**How did working for Orange Media Network help you?**  
I transitioned from a student to a young professional while working for The Daily Barometer. I was able to build business relationships, create marketing plans, serve as a manager, gain leadership experience, hone analysis skills, and earn great income while remaining a full-time student. Most importantly, working for Student Media helped set my resume apart from my peers. I landed an offer for my job of choice within days of graduation.

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# Shell abandons Arctic Ocean drilling efforts

By Sean Cockerham

McClatchy Washington Bureau

WASHINGTON—Shell's decision to abandon its controversial efforts to drill in the Arctic Ocean casts doubt on the future of offshore oil exploration in the American Arctic.

Oil and gas companies from around the world were closely watching Shell's pioneering efforts to see whether drilling would succeed in the remote and harsh environment off the northern coast of Alaska.

The result was a disaster - a loss of billions of dollars and a decision by Shell to cut its losses and quit.

Shell bet more than \$7 billion that its Burger Prospect in the Arctic Ocean would turn into a

world-class, multibillion-barrel discovery. Even as the company endured the oil price collapse and global protests from environmental groups, it pushed forward with the Arctic drilling.

But the results of its exploration well this summer were not promising, and the company said Monday it was ending drilling efforts off the Alaskan coast "for the foreseeable future."

The Obama administration has scheduled more Arctic Ocean drilling lease sales, one next year in the Chukchi Sea and another in the Beaufort Sea in 2017. But Shell's bad experience and the low oil prices raise the prospect of those sales being delayed or even canceled.

And even if the Interior Department goes ahead with the lease sales, scant interest from industry is expected.

"I think the interest will be limited, very limited," said Guy Caruso, former head of the U.S. Energy Information Administration.

Caruso said he expects Shell's experience to reinforce the "wait-and-see attitude" other major oil and gas companies have shown toward the U.S. Arctic. ConocoPhillips and Statoil also purchased leases in the U.S. Arctic Ocean but have suspended their exploration plans indefinitely.

Drilling in the Arctic Ocean is expensive. There's little infrastructure within hundreds of miles and a short summer drill-

ing window before the ice closes in for the winter. Companies face new federal regulations meant to prevent a spill and protect marine mammals, as well as the controversy that comes with operating in an environmentally sensitive region.

The drilling is an issue in the presidential race, with Democratic front-runner Hillary Clinton saying the "the Arctic is a unique treasure. Given what we know, it's not worth the risk of drilling."

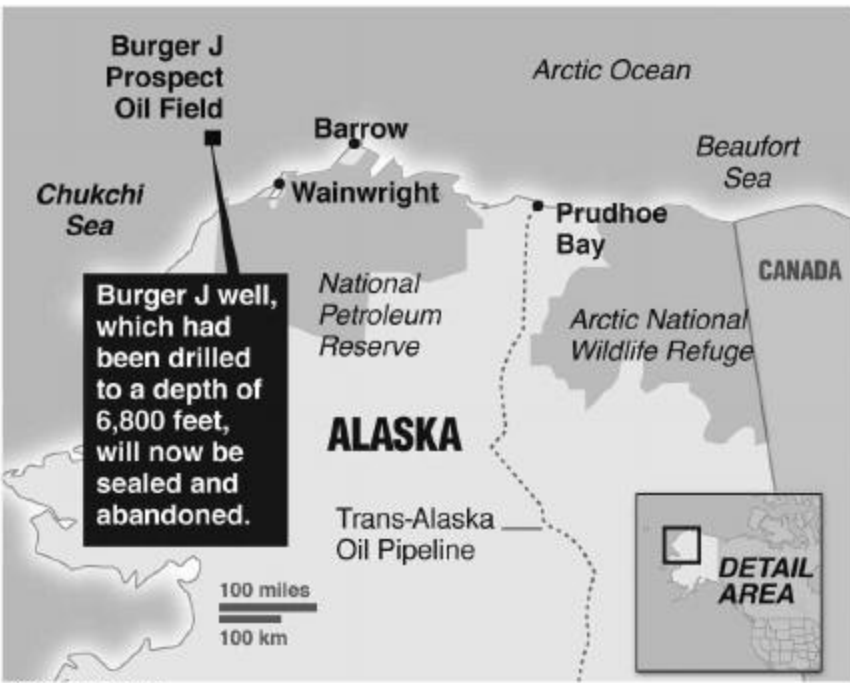
Shell said it "found indications of oil and gas" in its exploration well, but not enough to justify the cost of further drilling and the federal regulations the company called challenging and unpredictable. Shell drilled the well 6,800 feet below the ocean floor, about 150 miles from Barrow, Alaska.

"The well will be sealed and abandoned," according to Shell.

Shell downplayed how much current low oil prices played into its decision. Such efforts are based on a long-term payoff. But the low prices are shrinking energy companies' exploration budgets and risky Arctic projects must compete with other global oil opportunities.

Offshore Arctic drilling does not look like a great commercial opportunity with low oil prices, said Kenneth Medlock, senior director at the Center for Energy Studies at Rice

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Source: Ap, Shell  
Graphic: Staff, Tribune News Service

## Cash running out for refugee aid as European crisis grows

By John Zarocostas

McClatchy Foreign Staff

GENEVA - The outpouring of sympathy and expressions of concern for the plight of hundreds of thousands who've fled the Syrian civil war to reach Europe has not translated into financial support for international humanitarian aid intended to help the refugees still in the countries that border Syria.

U.N. officials this week said that their calls for contributions to provide food, shelter and clothing to the estimated 12 million Syrians displaced by the conflict, including 4 million who've fled to Jordan, Lebanon and Turkey, remain largely unanswered.

Adrian Edwards, a spokesman for the U.N. High Commissioner for Refugees, told McClatchy that to date his agency has collected only 41 percent of the \$4.5 billion the agency says it needs to provide assistance to Syrians in neighboring countries.

"Clearly the growing funding crunch for humanitarian operations in the Syrian region is becoming a growing concern," Edwards said. "Support for refugees and communities there is vital for maintaining a sustainable asylum situation for the millions of refugees in that region."

Other U.N. agencies also are reporting funding shortfalls that may be contributing to pushing Syrians to try their luck with the arduous flight to Europe. The World Food Program reported that it had cut by half the value of vouchers that it provides to 1.3 million Syrians in the region.

"With the value of food vouchers reduced, most refugees are now living on around 50 cents a day," said Bettina Luscher, a World Food Program spokeswoman.

The agency needs \$333 million immediately, Luscher said, "to continue to providing a lifeline to Syrians affected by the conflict until the end of the year."

Another U.N. agency, the International Organizations for Migration, it's only collected 11 percent of the 143.4 million it's requested from donors to help Syrian refugees.

How much international aid shortfalls have contributed to the refugee crisis in Syria is impossible to know. The U.N. refugee agency said Friday that it has counted 442,421 refugees and migrants arriving in Europe by sea, of which 51 percent are Syrians. The vast majority, about 72 percent, arrived in Greece by boat across the Aegean Sea. The remainder landed in Italy after

crossing the Mediterranean.

After Syrians, the largest group of refugees are Afghans, who make up 14 percent, followed by Eritreans, 8 percent; Nigerians, 4 percent; Somalis, 4 percent; Iraqis, 3 percent; and Pakistanis, 3 percent.

U.N. officials have been complaining for years that their requests for more help to provide assistance for Syrians have gone unanswered.

According to the U.N. Office for Humanitarian Affairs, the U.N. collected only 65 percent of what it needed to provide humanitarian assistance in 2013. This year, the rate is only 40 percent.

"The lack of funding for humanitarian operations continues to be a major challenge," Stephen O'Brien, the U.N.'s top emergency relief coordinator, told the U.N. Security Council on Wednesday. "I appreciate the generosity of donors in 2015 already and ask them to consider making additional pledges, given the extraordinary level of need we are facing."

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# Sports

## Collins growing before our eyes



**Seth Collins is making strides as true freshman quarterback**

**By Brenden Slaughter**  
Sports Contributor

It's safe to say that Oregon State's offense went through some growing pains in their first three games. The reason was simple: the Beavers have a 19-year-old, true freshman quarterback named Seth Collins running the show. He is largely inexperienced in the college game based on the fact that he was a high school player just a season ago, but his high upside is starting to show.

But Friday night, at Reser Stadium, as he played his best game of his career, Collins made a statement on why he was chosen to be "the guy" for the next four years.

Collins wasn't able to spark an upset of the 21st ranked Cardinal on

Friday night, but he showed a large amount of poise and confidence in his first Pac-12 game under center. He was elusive and electric on Friday night, giving Stanford's stout and disciplined defense fits as he ran circles around them on many plays.

Head coach Gary Andersen was extremely pleased with the way Collins handled himself under the national spotlight.

"For a freshman quarterback, I don't know what more you could ask for," Andersen said. "He runs it, he throws it, he's made pretty good decisions. He again threw the deep ball unbelievably well. He's getting smarter each week, so he is a vicious weapon as a true freshman to be doing what he is doing."

Collins' performance on Friday was easily the best of his young career. He completed 20 passes, threw for 275 yards, and no interceptions. His attempts and yardage were his personal bests as a college quarterback. He chooses his throws very well, and for the most part didn't force any bad ones, a sign of a young freshman growing as a player.

But for a kid that was in high school at this point last year, his growth is what has impressed many people around the sports world.

In a recent video on ESPN.com, Craig Haubert a recruiting specialist sees Collins as a guy who has achieved a lot of early success for the Beavers.

"He is a player that has come along quicker than we thought, he still has ways to go, but it's a good sign for Oregon State moving forward," Haubert said.

Not only is Collins maturing as a player, he is maturing as a leader on the field that isn't afraid to challenge his teammates to

constantly be in the game. He was jumping up and down on the sideline, constantly in his teammates faces telling them that the game wasn't over, even when it was.

"He's not one of those freshmen that you've got to remind, 'Hey do this. Hey do that. Hey keep your head up,'" said senior running back Storm Barrs-Woods after the San Jose State game. "Seth's his own man at this point."

"I think he is playing at a very high level and I think he is growing up," Andersen said.

Sophomore receiver Jordan Villamin had his best game of the season, catching seven passes for 138 yards and a 40-yard touchdown. A large part of that is due to Collins progressing as a quarterback.

"He's growing really well, really fast," Villamin said. "He's making a lot of plays on this team and he made a lot of plays (Friday) with his arm, more than the last three games, so I'm really excited about that."

Andersen lauded how the playmakers around Collins is helping him become a better quarterback.

"I think the thing that is helping Seth at times is his supporting cast is getting better and better," Andersen said. "Seth has grown every single week understanding the offense, picking the moments."

Collins has a long way to go to be a complete player in this league, with OSU only scoring a total of 14 second half points in its two losses, and the offense struggling to get any positive yards in those halves.

However, with his skills, athleticism and playmaking ability, the future for the Beavers looks bright with him at the controls.

The Daily Barometer  
On Twitter @b\_slaughter

AARON NEWTON | THE DAILY BAROMETER  
Freshman quarterback Seth Collins carries the ball against Weber State on Sept. 4.

# FANTASY FOOTBALL

### WHAT IS THIS?

Most people reading this have probably played fantasy football at least once, and a lot of those people have played for many, many years.

Here in Corvallis, students at OSU obviously have more interest in college football, and the Pac-12 specifically. So we here at the Barometer have invented the first ever Pac-12 fantasy football league.

Rosters consist of one quarterback, two running backs, two wide receivers, two flexes (RB/WR), one tight end, one kicker and one defense/special teams.

The catch? Each team must have three Oregon State players on their roster at all times. The regular season last nine weeks, with each team playing each other three times. Championship will be Civil War week.



### Fortune Favors the Bolden

0-1

**Brian Rathbone:**

Sports editor, football writer

- QB - Anu Solomon: 12
- RB - Storm Barrs-Woods: 9.4
- RB - Royce Freeman: 18.3
- WR - Victor Bolden: 5
- WR - Hunter Jarmon: 1.6
- FLEX - Madden: 4.3
- FLEX - Braylon Addison: 9.1
- TE - Austin Hooper: 11
- K - Conrad Ukropina: 13

**Total: 76.7**

In fantasy football, as in real football, there is always the first week overreaction. Think of how quickly everyone wrote off Stanford after their opening week loss to Northwestern. Is Stanford a bad team? Ask USC and Oregon State how good they are. Or how about how Ohio State opened the 2014 season with a loss to Virginia Tech? Everything worked out for them in the end as well.

So while I suffered a blowout loss to Josh in week one, I will not overreact. Let's look at it this way, my quarterback played less than a half of football before suffering an injury, Oregon had

See Rathbone Page 5



### The Duckless Dandies

1-0

**Josh Worden:**

Football play-by-play KBVR fm, football writer

- QB - Luke Falk: 0
- RB - Demario Richard: 25.8
- RB - Christian McCaffrey: 24.4
- WR - JuJu Smith: 22.3
- WR - Jordan Villamin: 19.8
- FLEX - David Richards: 7.6
- FLEX - Gabe Marks: 0
- TE - Kellen Clute: 0
- K - Garrett Owens: 5

**Total: 104.9**

The only thing I need to say is that to have a team with no Duck players was probably the best decision I've ever made, especially since they just got throttled by Utah, 62-20.

So if you're an Oregon State fan, a Duck hater or better yet, both, your allegiances line up perfectly with my team.

And I know what you're saying: Josh's team was the only one to break the 100-point barrier and he even had two of his best players on bye weeks? Yeah, that's right. No problem for the Duckless Dandies.

The thing is, I meant to tank the first game.

See Worden Page 5



### Young and Fresh Beavers

1-0

**Brenden Slaughter:**

Football color-commentator, football writer

- QB - Jared Goff: 24
- RB - Paul Perkins: 31.2
- RB - Nick Wilson: 13.6
- WR - Kenny Lawler: 17.2
- WR - Paul Lucas: 0
- FLEX - Deltron Sands: 0
- FLEX - River CraCraft: 0
- TE - Noah Toagi: 0
- K - Kai'imi Fairbairn: 8

**Total: 94**

I said with gusto last week that I thought this group of kids was special. Granted, I was still number two in points behind the Duckless Dandies led by reigning champ Josh Worden, but four of my players had zero's this week and I was still able to handle Fresh on the Scene with ease.

Jeff struggled with consistency at the quarterback position as Seth Collins didn't have the best fantasy-type game. Fortunately for Jeff, Collins will continue to grow. I am skeptical about playing Fortune favors the Bolden this week, as Brian Rathbone has a tendency to beat me in these type of things, but I will win this week as the Washing-

See Slaughter Page 5



### Fresh on the Scene

0-1

**Jeff Lulay:**

BeaverDam founder and president

- QB - Seth Collins: 17.2
- RB - Chris Brown: 0
- RB - Devontae Booker: 12.1
- WR - Nelson Spruce: 8
- WR - DJ Foster: 8.1
- FLEX - Byron Marshall: 0.2
- FLEX - Barry Sanders Jr.: 21.7
- TE - Caleb Smith: 0
- K - Aiden Schneider: 2

**Total: 69.3**

Week one was hard, slow and challenging. My players produced, but not to the level they are capable of. Yes, mistakes were made by players and coaches. I have to do a better job knowing when I got a man down and need to bring in a new player as his replacement. Chris Brown wasn't ready to go and that's on me.

However, it's a new week and now we find a way to get better. I have no doubt in my team and their ability to excel at a high level. It will be a slow process but when we get to clicking, our league is in trouble. Right now, I'm building a relationship with my roster, finding out

See Lulay Page 5

# BEYOND THE BOX

By **Josh Worden**  
Sports Contributor

Oregon State has won and lost alternating games this season and heads into a bye week at 2-2 after a 42-24 loss to Stanford. Here are the stats that go beyond the average box score from OSU's football season thus far

- Through four games, there have been four linebacking performances of double-digit tackles, two of which have come from junior Rommel Mageo. Against San Jose State, sophomore Manase Hungalu recorded 11, while junior Caleb Saulo tallied 14 stops on Friday.

- Against Stanford, the OSU second-year recorded its first interception when junior safety Cyril Noland-Lewis grabbed a deflected pass from quarterback Kevin Hogan. Previously, all four

OSU picks were nabbed by linebackers.

- OSU has recorded at least one interception in every game.

- For the first time this season, the Beavers had more passing yards than their opponent against Stanford. OSU hasn't allowed more than 180 pass yards in a game, but waited three games before freshman quarterback Seth Collins' 275 yards against Stanford out-tossed Hogan's 163.

- Sophomore wide receiver Jordan Villamin's strongest career showings have come in Reser Stadium: he has 253 receiving yards in three home games this year (84.3 average) and 26 yards in one road game. Last season he totaled 76 percent of his receiving yards in Corvallis. He has seven career touchdown receptions in Reser and two away from Corvallis.

- None of Villamin's nine touchdowns have come in a first quarter, while four have been in the fourth period.

- Villamin is averaging 69.8 receiving yards per game this year (he had 578 yards last year while only starting five games) but OSU has totaled just 149.8 passing yards per game; Villamin therefore has totaled 46.5 percent of OSU's receiving yards this season. If he had the same percentage last year when Sean Mannion threw for 3,164 yards, Villamin would finish the season with 1,473 yards.

- After a 21-0 scoring advantage in the third quarter against San Jose State, the Beavers' third quarter versus Stanford ended in a 14-0 deficit.

- Oregon State started the year strong on defensive third down plays, finishing the nonconference season second in the nation with a 18 percent conversion rate and with only one first down allowed on third downs with more than two yards to go. Stanford, however, went 7-for-12 on third downs with two conversions longer than two yards.

- Still, the Cardinal only averaged 2.7 yards per pass attempt and 2.2 yards per rush on third down plays.

- Before the Stanford game, OSU had not given up a gain of 25 yards or more on a single play. The Beavers allowed five such plays against the Cardinal,



JEREMY MELAMED | THE DAILY BAROMETER

Oregon State offense lines up on the goal line against Stanford.

including a 65-yard scamper by Barry Sanders, Jr. in the second half.

- All four of OSU's scoring drives against Stanford traveled at least 58 yards, including an eight-play, 79-yard drive for the Beavers' only points of the second half.

- The Beavers won the turnover battle against the Cardinal 2-1 and still have not lost that battle this season. For the first time, however, OSU outscored its opponent in points off turnovers with a 14-0 advantage over Stanford.

- Through four games, 10 of OSU's 13 touchdowns allowed have been rushing scores.

- OSU was forcing opposing teams to three-and-outs on 50 percent of possessions before the Stanford game. The Cardinal had just one three-and-out on its 13 drives.

- A game after Oregon State rushed for 303 yards versus San Jose State, the Beavers started out strong again with 111 yards in the first half on the ground. A polar opposite performance in the second half, however, netted OSU zero rush yards on 13 attempts.

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JEREMY MELAMED | THE DAILY BAROMETER

Sophomore receiver Jordan Villamin scored 19.8 fantasy points in Friday's game against Stanford, catapulting The Duckless Dandies to the week one victory.

## Slaughter

Continued from page 4  
ton State-Cal game will tip the scales in my direction.

With both Goff, Lawler on

my team from Cal, and River CraCraft from the Cougars on my side, Brian doesn't stand a chance, it will be a close your eyes ugly type of game in my favor. After having to drop Anu Solomon because of an injury,

and picking up Cody Kessler to try and save his season, (good luck with that) and his starting RB Storm Barrs-Woods on a bye week, the Young and True Beavers should cruise to an easy W in week 2.

## Rathbone

Continued from page 4  
about the same success as anyone who fights Ronda Rousey in their 42-point loss at home against Utah. Plus, Oregon State played one of the toughest defenses in the conference. Those events won't happen every week.

All things considered, I still think the Fortune Favors the Bolden will be a force in this league. Is my team a finished product? Not yet. Does it need tweaking? Absolutely. But I still believe that fortune will favor Fortune Will Favor the Bolden.

To get a win in week two my team will need to be much improved to beat Brenden. Not because his team is good, but because he lucked with the Beavers being on a bye this week. Last week he got a big, fat ZERO from the Oregon State players on his roster. This week every team will have three zeros due to the off-week for the Beavers. And the rest of Brenden's team looks pretty lethal right now.

So enjoy this week Brenden.

## Worden

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I really did.

I thought Brian lucked out by playing me week one since Luke Falk and Gabe Marks were both going to garner zero points.

And then I won this week anyways.

It helps that the Beavers were gashed by Stanford's Christian McCaffrey, Juju Smith and Demario Richard couldn't stop scoring touchdowns and Jordan Villamin was a bright spot in OSU's loss Friday. David Richards only had one catch for me but, seemingly in line with the rest of my team, it went for a touchdown.

Imagine what will happen once Falk returns from a bye next week with his 350-yards-per-game average as well as his favorite target, Marks. I'll be as unstoppable as the Stanford running game.

## Lulay

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strengths and weaknesses. We're in it for the long-haul and have our eyes set on the big prize.

As for the rest of the league, not a bad start. I was impressed with the production from all the teams and felt like we could have been in the mix of things if we had the proper personnel in there. Two players that were inactive, it really hurt not having two of my leaders on the field and it showed. Week one was a fluke and will show once the Beavers bounce back against Arizona. I'm looking for another low production week because of the bye, but don't be surprised when you see my team taking the cake in week three and four.

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# A & E

## Second chances in the 30th season of "Survivor"



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**Derek Saling**

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"Survivor" is at its best is when you as a viewer have somebody who you can cheer on, making both challenges and strategy more exciting when you have some one to root for till the bitter end or - in some cases - have somebody to despise.

That's what made me extremely excited about this new season, "Second Chance," where past players get a chance at redemption. Due to it being a fan vote for who got to compete, there are quite a few familiar faces that a fan of the show would remember, and could either love or hate.

Candidates from all previous 29 seasons were eligible

to get voted in, and the top ten men and women would compete. The rules for who was eligible were that the contestant could only have participated once, and have not been a winner. Sure enough, there are contestants spanning the length of the series, with Kelly, the runner up in the very first season, and Joe, a fan favorite from the most recent season.

It appears that this season won't have a big addition like Redemption Island, where players voted off would go and compete with other castoffs at a chance to get back into the game. Although, we are only two episodes through, and it wouldn't be surprising if some sort of big twist was thrown in.

It is going to be interesting to see how the older players can adapt to how the game has changed over the last 15 years, which could turn out to be an advantage for some of the more recent contestants. They older players will have to deal with all sorts of evolu-

tion in the game in all different aspects. Building camps is entirely different for some players, who may have been use to Africa or the Australian Outback. Now every season has camp located on beach in a tropical climate.

But the game is also a much different beast than ever before.

Some people have never encountered hidden immunity idols, which can be the most detrimental part of the game. Already you can see some newer players trying to use this advantage and search for the idols around camp.

For the most part, the show's best seasons are returning players, whether it's "All-stars", "Heroes vs. Villains", or now "Second Chance", the game is at its best when its played by good players.

Although challenges may be more fun to watch, the part of the game that really gets elevated is the strategy part. A group that has more characters makes for better TV. There

are players that are cunning, obnoxious, and smart, and having them mixed all together leads to entertaining play.

If you're a new viewer, and want somebody to root for, I'd suggest Joe or Woo. Both are good in challenges, fun people, and know how to play the game in great detail.

More importantly, if you want somebody to hate, let it be Kass or Abi Maria, who are terrible in their own unique ways.

Kass oozes an annoying condescension that has no right to. And Abi Maria is one of the most aggravating players in the shows history, blowing any small incident out of proportion.

However, we are early into the game.

I'm sure new villains and heroes will emerge, but thus far it has been fun to watch some familiar faces back in the game.

*The opinions expressed in Saling's columns do not necessarily represent those of The Daily Barometer staff.*



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"Survivor" challenges can either make you love or despise a player for their quick wit or horrible strategy. Anything goes.

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# Fear The Walking Dead:

Origin stories are great – less character development and many more zombies!

**Derek Saling**

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Every time I hear of a movie or TV show having a spinoff or sequel, my biggest concern is that it does not take from the source material and the new program will be made completely from scratch.

The best example I can think of is the "Jurassic Park" series. Originally a novel from Michael Creighton, the first of the four films is clearly superior. While the second one, also taken from a Creighton

sequel, was simply good. Then they decided with the following two films to stray from the source material, and there is a clear drop in quality.

So when I heard there was going to be a spinoff, I was concerned it was going to be a network conjured production, because there are no existing prequels to "The Walking Dead".

However, this case is slightly different because the creator of the original, Robert Kirkman, would be involved in the creative process for the spinoff.

We are five episodes through the total of six epi-

sodes in the first season of "Fear The Walking Dead", and it should be considered a success so far.

Something that people always want to know with an apocalyptic show is how it all started. The great "what happened" question. Well, "Fear The Walking Dead" answers that, partially at least.

If you wanted to know exactly how the zombie infection started, down to patient "X", you'll be disappointed

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## A &amp; E



COURTESY OF THE OFFICIAL FEAR THE WALKING DEAD WEBSITE

## Dead

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But at least now we get to see how the infection first got out of hand, extending from a handful of people to taking down entire cities.

It gives us a new perspective on the zombie outbreak that the original series does not. In "The Walking Dead," Rick Grimes wakes up and finds a deserted Atlanta, and the audience is really never told much about how that got to be.

So now, instead of a post-breakout society, we get a close glance at how society breaks down.

We follow a family living in the suburbs of Los Angeles, where Madison Clark and boyfriend, Travis Manawa, are living as local high school teachers. Madison's son, Nick, is a heroin addict who wakes up one day to find another junkie biting someone, and is witness to one of the first vic-

tims of the infection.

Eventually, chaos consumes the city, and Travis is trapped downtown and takes shelter where he meets Daniel, Griselda, and Ofelia Salazar. After their hiding place is breached, they have to flee through a field of rioters and zombies to get back to Travis' house.

By the time the military is taking over and quarantining parts of the city, people are starting to realize how serious the situation is, and the creatures they are up against.

The biggest problem the show has – which is the same that the original has – is that there is far too much boring, down time. This is an origin story, so there needs to be more focus on the overall story of what happened with the infection crisis, and less unimportant character development.

I understand that there has to be a story to follow

in order to show what happened, but there's been far too much time spent inside the neighborhood, slowly figuring out what the military has going on. The pace drags too much because of this, and it feels like the last three episodes could easily have been done in two.

Not to say it hasn't been good – it has been – I'm just being a little nit-picky here.

The zombie segments have been decent, and I've been pleased with how little clichés there have been so far.

With only one episode left, and a second season on the way, there is definitely room for the show to expand, and show the downfall of civilization as, I only imagine, we all want to see.

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