The Daily Barometer

THURSDAY, JUNE 2, 2016 OREGON STATE UNIVERSITY









Oregon State University students, faculty, staff and community members participated in chemistry demos, listened to music from Svens, learned more about chemistry and threw pitches at a dunk tank during the 'Chemistry Is Awesome' event that took place Wednesday night outside of Gilbert Hall.

'Chemistry Is Awesome'

Annual event highlights science on campus

By Sean Bassinger

Most people wouldn't assume bananas could be radioactive. They might be in for a sweet surprise.

"Potassium has many radioactive isotopes," said Kyle McCaleb, a Ph.D. student in nuclear engineering at Oregon State University.

McCaleb was one of many demonstrators at the Chemistry is Awesome event near Gilbert Hall, which had more than 100 students, staff, faculty and community members show up to partake in chemistry-related activities. Topics covered in the demos included everything from radioactivity of common household items to the more complex properties of periodic elements.

In McCaleb's demo, participants determined if the banana was more radioactive The wager? A Chipotle gift card.

"Between the two, which one do you think is more radioactive?" McCaleb asked participants.

The overall event featured a dunk tank, onhand chemistry department staff and faculty and music from The Svens.

The "CIA" event, which the College of Science has hosted annually since 2014, saw an excellent turnout this year, according to College of Science Dean Sastry Pantula.

"This is a great turnout, compared to last year also, this is very good," Pantula said. "Not only (does it show that) chemistry has a lot of impact, but that it's awesome and fun."

The event helps to highlight the importance of chemistry in maintaining a healthy society, economy and planet while also appealing to

young crowds, Pantula added.

very, very important," he said.

Mas Subramanian, a professor from the department of chemistry, contributed with a display titled "Living in a Materials World: Superconductors and Inorganic Pigments."

With the assistance of Jun Li and Gabriella Giampaoli, the demo showed how the materials helped devices such as MRI scanners and "floating" Maglev trains in countries such as

"That property is very unique," he said. "In this case, it's not a magnet. It's a superconductor.

Part of the demonstration featured chilled materials that appeared to float on a metaland-glass saucer on the table.

Li, who works as a research associate in the department of chemistry, said that very cool temperatures of around -92 degrees "For all of that, science and chemistry are Kelvin kept the materials moving in a circular

"If you talk about Fahrenheit, that's about -321 (degrees)," she said.

Noah Cochran, a senior in chemical engineering, was among many students who attended the Wednesday night festivities.

Cochran, though no stranger to chemistry, said this was his first time attending the Gibert

Cochran was among many others who tried his hand at the banana vs. lantern activity.

"I know bananas are pretty radioactive," he said. "I don't know anything about the lantern mantle, so we'll find out.

Additional information on the department of chemistry and future events can be found on their website at chemistry.oregonstate.edu.

Elected ASOSU officials sworn in, begin term





SEAN BASSINGER | THE DAILY BAROMETER

Rachel Grisham (LEFT), incoming ASOSU president, speaks to the crowd gathered at the ceremony in which she and Brett Morgan, incoming ASOSU vice president, were sworn into office while the outgoing Vice President Lyndi Petty and ASOSU Senate President Pro Tempore William Miller watch on. Grisham and Morgan will be in office during the 2016-2017 academic year.

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Travel

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Calendar

WEDNESDAY, June 1

5 p.m. - 7 p.m. CIA (Chemistry is Awesome) Party Location :Gilbert Hall/GBAD Breezeway part to change

the negative perception of chemistry by throwing a party. Games, prizes, demos, post-ers, live music, free food, and a dunk tank!

6 p.m. - 7 p.m. Death Cafe

Location: 26th St. Beanery, 2541 NW Monroe St., Corvallis

Death Café Corvallis is simply in order to listen and talk about ath. Death Café Corvallis is NOT a support group, therapeutic agenda, debate society, social action group, religious or anti-religious organization, political committee, or sales

THURSDAY, June 2

Meeting 8 a.m. - 5 p.m. OSU Board of Trustees Meeting Location : Horizon Room of

the Memorial Union, 2501 SW Jefferson Way in Corvallis Committee will review quarterly audit report and hear an update on the presidential comprehensive assessment. This meeting

Committee will hear a report on the 2016 graduating class and consider a proposal for new academic program in biochemistry and molecular biology. This meeting is open to the public.

FRIDAY, June 3

Meeting 9 a.m. - 2 p.m. OSU Board of Trustees

Room of the Memorial Union, 2501 SW Jefferson Way in

The Board of Trustees will discuss Oregon State's efforts to advance equity, inclusion, and social justice and consider the FY2017 operating budget and amended capital plan. The meeting is open to the public.

12 p.m. - 1 p.m. OSU Surplus Property Location: 644 SW 13th Street

OSUsed Store Dot Sale

MONDAY, June 6

Event 12 p.m. - 3 p.m. OSU Surplus Property

Location : 644 SW 13th Street OSUsed Store Dot Sale

Meeting 12 p.m. - 1 p.m. Death Cafe

Location: 26th St. Beanery, 2541 NW Monroe St., Corvallis

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Student Worker: Student Worker, Foundation Services This position and provides administrative and office support to the Director and Assistant Director of Foundation Services. This is a Director or Foundation services. This is a PT student worker position working up to 20 hours/week. To learn more about the position or apply, visit the OSU Foundation website (about us.)

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Wildland Firefighters—Exciting job tight-ing Forest Firest 18 years old & drug free. Apply:Tues-Thurs. 9am-2:30pm. 1322 N 30th St, Springfield OR. You must bring two forms ID for tederal I-9 form (541) 746-7528 www.

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Crossword Puzzle Todav

Across

1 Word with time or

- 8 Cameo shape 12 It may be straight
- 15 Say follower? 16 Expenditure
- 17 Home to Mykonos and Milos
- 19 Concocts 21 Broad panoramas 22 Anatomical pouch
- 23 Sanctioned 25 lab
- Abbr. 27 Schooner part

- 26 Condensed, for short:
- 35 String
- 36 Vessels on carts
- 39 Made a bad call, say 40 Park that opened in April 1965
- 42 Unkempt dos
 - 43 Christian denom 44 Guatemala gold
- 47 Simile center 50 Improvises
- 58 New home
 - 59 De Tocqueville thought
 - 60 Lummoves 61 Online jotting
 - 62 With 63- and 64-Across, meeting place suggested both literally and

1 Nudges

- 2 Actress Dem
- 4 mat
- York and Washington 6 National Mustard Day

- 10 Rest
- 11 Grazing sites

18 Pitch in

28 lams competitor

31 Agenda bullet

32 300-pound Wolfe

33 Trivial objection

30 River to the North Sea

34 Half-brother of Ishmael

35 GMC Terrain, for one

38 Maine college town

41 Pandora alternative

29 Svelte

43 Impart

- 20 Approach to a subject
- Simon & Garfunkel
- 56 Laundry challenge
- subcontractor
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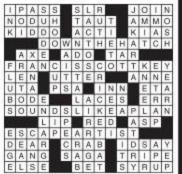
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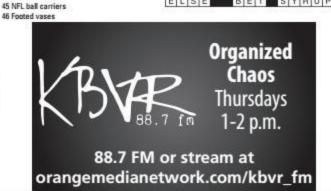
- 3 Ancient Texcoco native
- 5 Popular reading in New
- 7 Like some parallel bars
- 9 Immense
- 13 Neptune or Mars

- 48 Handle
- 49 Seller of TV time
- 50 "Yeah, right!" 24 "Father Knows Best" actress Jane 51 Extinct bird 25 Figures (out) 27 Perform improperly
 - 53 Actor Robert of

"The Sopranos" 55 Recycling containers 57 TourBook-issuing org.

Wednesday 6/1/16 puzzle solved





Horoscope

Today's Birthday (06/02/16). Family gifts overflow this year, especially as you carry your share. A twoyear passionate cycle begins in September, along with eclipses bearing new home circumstances and a professional turning point. February eclipses illuminate new directions in public relations, with energizing career action. Love is

To get the advantage, check the day's rating: 10 is the easiest day, 0 the most challenging.

Aries (March 21-April 19) -Today is an 8 - Today can be quite profitable. Imaginative changes move from the idea stage into reality. Keep costs down. You don't have the full picture; philosophically, and pursue your

Taurus (April 20-May 20) — Today is a 7 - You're strong and very creative today. Meditate on what you want. Try a new game. Your past work speaks well for you. Your diligence is winning points. Enjoy water in whatever form

Gemini (May 21-June 20) - Today is

Finish up what you've begun. Friends help you make an important connection. Do your homework and keep or change agreements. Delays and frustrations could thwart your travel plans. Get help from kindred spirits.

Cancer (June 21-July 22) - Today is a 7 — Schedule time with friends. Group input solves a puzzle. Don't bet resources on a fantasy. Figure out who will do what, and build a more solid infrastructure for your

Leo (July 23-Aug. 22) - Today is a 7 - Make something happen today. Share your dreams with someone important. Gather support for your project. Don't fall for a trick. Outsmart the competition. Celebrate with warm water and bubbles.

Virgo (Aug. 23-Sept. 22) - Today is a 6 - Incorporate a water element into your travel or study plans. Persuade with clear arguments. Work with what other people deliver. A female adds sparkle to

Libra (Sept. 23-Oct. 22) - Today

NFW ISSUE

COMING SOON

and make plans to grow your resources with your partner. Draw up your fantasies, and clarify your priorities. Pursue a shared dream.

Scorpio (Oct. 23-Nov. 21) - Today is a 6 — Strengthen something that's filmsy at home. Clean up messes. Resolve misunderstandings, and agree to disagree if that's the case. Be receptive to another's view. Negotiate and compromise. Reward yourself with something

Sagittarius (Nov. 22-Dec. 21) -Today is a 7 - New possibilities are showing up, while you still have your regular responsibilities to manage. You don't have time for gossip. Stick to basics. Investigate options, and make an idealistic commitment. Keep the faith.

Capricorn (Dec. 22-Jan. 19) — Today is a 5 — Work on creative arts or crafts and hobbies. Water sports can be especially tempting. Romance is a growing possibility. Make an excellent connection. Talk

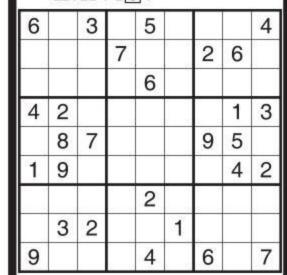
Aquarius (Jan. 20-Feb. 18) — Today is a 7 - Get fully into a household project. Dig in the garden, or renovate a room for future plans. Adjust to changes at home. Include love in the mix.

Pisces (Feb. 19-March 20) - Today is a 6 - New information dispels old fears. Don't reveal your entire agenda immediately. You have lots of brilliant ideas, which could seem overwhelming to someone. Keep it simple. Distill and clarify.

Sudoku



LEVEL 1 2 3 4



Complete the grid so each row, column and 3-by-3 box (in bold norders) contains every digit, 1 to 9. For strategies on how to solve Sudoku, visit www.sudoku.org.uk

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Friday except holidays and final exam week during the academic school year; weekl fall term in September by the Oregon State University Student Media Committee on behalf of the Associated Students of OSU, at the Student Experience Center, OSU,

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Barometer

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News

Two dead in murder-suicide at UCLA

By Joseph Serna, Richard Winton and **Hailey Branson-Potts**

Los Angeles Times

LOS ANGELES - When they awoke Wednesday morning, most UCLA students headed toward campus expecting to take on routine end-ofschool-year tasks: final exams and presentations.

Maria Shafer, 22, was trying to finish her Spanish final in the Public Affairs building, Nick Terry was driving to Westwood from Silver Lake expecting to deliver a presentation to his archi-

All of those concerns became most around 10 a.m., when cellphones buzzed to life across campus with alerts that a shooting had taken place.

'We need to get out of here," Shafer's professor told the class.

The 20 students fled, joining thousands of others who found themselves racing for cover and attempting to barricade classroom doors with desks, projectors and anything else they could find as information about the shooting, much of it false, spread across campus via text messages and social media.

In the end, police confirmed that two men had been killed in an engineering building near the campus' south side in what Los Angeles Police Chief Charlie Beck described as a murder-suicide.

But with reports of mass shootings dominating the news at an increasing and alarming rate in recent years, many UCLA students feared that one or more gunmen were roaming their campus.

'It's unfortunate it happened here," said Andrew Avelino, 23, a senior history major. "You see school shootings happening on the news at high schools, on other campuses, at other places. But you never thought it would happen here until it does."

The shooting took place in a small office in the campus' engineering complex, Beck said during a news conference around noon.

Beck confirmed that the shooter was one of the dead.

"The campus is now safe," he said.

Authorities did not identify the dead and a motive was not immediately clear. Police confirmed a note was found at the scene but had not determined where it originated or if it was connected to the shooting.

A law enforcement source told the Los Angeles Times that, based on the appearances of the two men, police believed that a professor was shot by someone young enough to be a student, who then turned the gun on himself.

At 12:05 p.m., UCLA officials lifted a lockdown that had lasted for two hours and canceled classes for the day. Classes will resume Thursday, the university said.

The shooting prompted a massive response from local and federal law enforcement.

'In this day and age ... we would much rather respond in an abundance of caution," LAPD spokesman Andy Neiman said.

Police officers in riot gear, some carrying battering rams, ran across campus with guns drawn, while students exited buildings with their hands above their heads.

Students hid in buildings across campus after the shooting. Many said they struggled to lock the doors of the classrooms where they sought shelter and resorted to using their belts to hold doors closed and nearby projectors and furniture to barricade themselves against any potential threat.

While Beck said there were no other suspects in the shooting, many students said they received mass text messages and social media blasts announcing that as many as four shooters may have been loose on campus at one point.

"There's a ton of information spreading over



AL SEIB | LOS ANGELES TIMES

Police use armored vehicles to search and secure several buildings on the north end of the UCLA campus on Wednesday after reports of an active shooter.

social media and group messages, and it's hard for everyone to sort out what is true and what isn't," Rafi Sands, vice president of UCLA's student government, said as he hid with 30 other students inside Haines Hall while the lockdown was still active. "They are saying there are multiple shooters, one near here."

Christos Kampouridis, 23, found the door to his engineering class in Boelter Hall locked at 9:50 a.m., then turned to see a man with a gun walking through a nearby hallway. The man, who held a rifle at his side and appeared to be wearing a tactical belt, yelled, "Come here."

Instead, Kampouridis fled immediately, and shouted at nearby students to run. He burst out of the building and called 911, then began sending messages to friends and posting social media updates urging them to "Stay away from Engineering."

He was unsure if he had seen a police officer or the gunman, but wanted desperately to warn friends either way.

"It was really stupid in retrospect" to post social media updates about the shooting without knowing more, Kampouridis said around 1 p.m., after the lockdown was lifted. "I just messaged as many people as I could."

While some students rode out the lockdown hidden behind makeshift barricades, others tried to flee the campus after they were unable to find shelter.

Shafer, the student who was forced to run out of her Spanish final, said she and a group of about 20 students encountered several locked doors as police sirens blared and helicopters roared overhead. They ended up climbing over bushes and sprinting across Sunset Boulevard before they found safety in the yard of a Bel-Air home.

"We didn't know where to go; we were trying to get as far away from campus as possible," she said. "The scariest part was running through the campus after we had gotten that alert."

Student Mehwish Khan, 21, said she ran to the Charles E. Young Research Library, where many other students were hiding. At around 10:45 a.m., she and others had barricaded themselves in a

restroom where they texted family and friends who were all giving different information about possible shooters, she said.

"We are getting messages from all over," she told a Los Angeles Times reporter in a text message. Asked how she was doing, Khan said, "Okay. Just scared. And scared for all of my friends."

Sands, the student government vice president. said he and about 30 other students used their belts to secure their classroom door in Haines Hall after news of the shooting spread.

Sands, 20, of Oakland, said it took several minutes for the campus community to realize the seriousness of the situation.



AL SEIB | LOS ANGELES TIMES



GENARO MOLINA | LOS ANGELES TIMES A tearful UCLA student joins hundreds of other students as they leave campus.

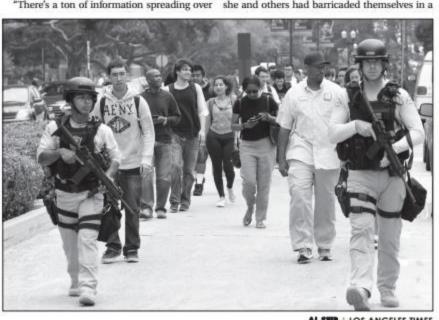
"We get a lot of Bruin Alerts for small things," he said. "It took a while for everyone to realize

Terry, the 29-year-old architecture student who was driving to UCLA from Silver Lake, said he was more angry than scared after he learned of the gunfire.

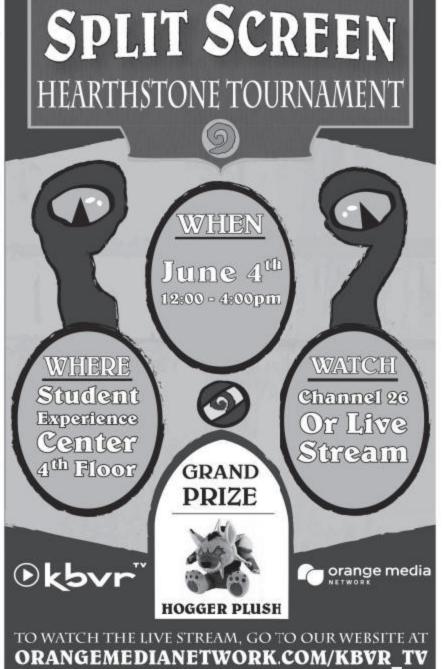
"It just seems so pointless," he said. "Two days left of school and it's going to end on this note?

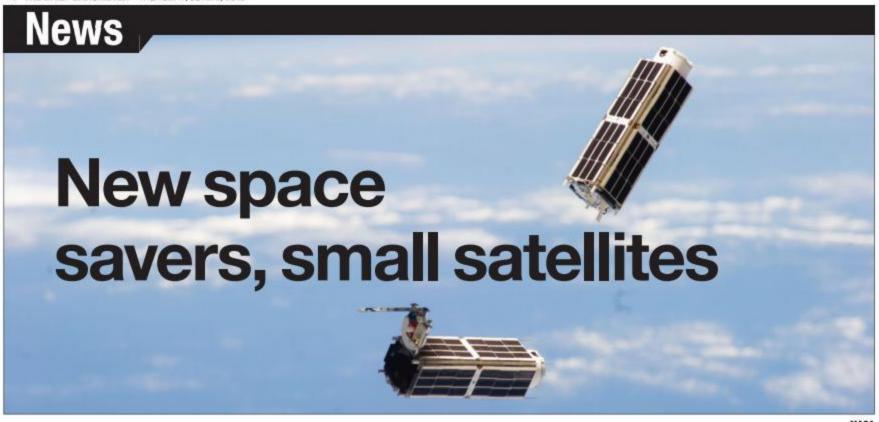
(Staff writers Ruben Vives, Kate Mather, Brittny Mejia, Angel Jennings and James Queally, and Times Community News writer Alene Tchekmedyan, contributed to this report.)

Los Angeles Times



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A set of NanoRacks CubeSats is photographed by an Expedition 38 crew member after the deployment by the Small Satellite Orbital Deployer (SSOD). The CubeSats program contains a variety of experiments such as Earth observations and advanced electronics testing.

By Samantha Masunaga

Los Angeles Times

LOS ANGELES - Suddenly, everyone from the U.S. government, commercial satellite companies, universities and even high school students needs to have a small satellite.

And that is fueling another boom, in Southern California and across the West, in companies dedicated to giving the satellites a ride to space.

By one estimate, 210 satellites weighing less than 110 pounds will be launched this year, to do such things as map the Earth, expand broadband access and track packages on shipping vessels. That's up from just 25 launches in 2010. The number is expected to double again in five years.

In the last six months, at least half a dozen new launch vehicle firms aimed at the small satellite market have cropped up, said Marco Caceres, senior space analyst for Teal Group, an aerospace and defense analysis company.

The ever-growing list includes Firefly Space Systems in Cedar Park, Texas; Rocket Lab in Los Angeles and Richard Branson's Virgin Galactic, best known for its space tourism endeavors.

In a quiet industrial park near Long Beach Airport where warplanes were once built around the clock, Virgin Galactic is making a satellitelaunching rocket that will drop from the wing

Made Marion:

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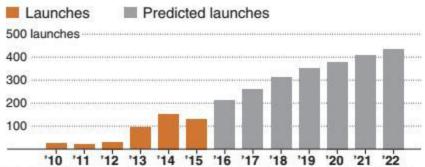
ancies with whole locally grown

of all blackberry varieties, they

bounty of Oregon.

Growth in small satellites

The number of launches of nanosatellites and microsatellites, or those that weigh less than 110 pounds.



Note: Dip in 2015 caused by two explosions of rockets containing a number of small satellites. Source: Bill Doncaster/SpaceWorks Enterprises, Inc. Graphic: Los Angeles Times/TNS

community that small satellites are the way to go," said Kevin Sagis, chief engineer for LauncherOne. "It's an exciting time."

The hopes of the upstarts are bolstered by

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saic hops were squeezed straight into the bottle.

"There is strong confidence in the aerospace news that companies such as SpaceX outside Los Angeles and OneWeb in Arlington, Va., are planning to launch constellations of hundreds or even thousands of satellites that would provide low-cost internet access, especially to more remote areas of the world.

> Last year, SpaceX opened an office in Seattle where engineers will build smaller satellites for launch. Around the same time, Branson announced an investment in the OneWeb venture.

> "Just those two companies alone can create a whole new market," Caceres said. "And I think that's what launch companies are looking for."

> Traditional satellite manufacturing has long been based in Southern California. Hughes Electronics Corp. built satellites at its El Segundo facility outside LA for years before its space and communications businesses were acquired in 2000 by aerospace giant Boeing Co. Boeing still manufactures satellites in El Segundo.

Swarms of satellites are not a new idea. Huge satellite constellations were proposed back in the 1990s as a way to provide telecommunications services around the globe. But entrepreneurs badly underestimated the steep cost of building and blasting hundreds of satellites into orbit, and the proposed services were undercut by cheaper ground-based cellular services.

Plans for the ambitious Teledesic satellite constellation collapsed in the early 2000s. The network, which was to provide high-speed internet service, was founded by cellphone pioneer Craig McCaw and garnered some investment from Microsoft co-founder Bill Gates, but couldn't raise enough money to cover its high costs.

In 1999, satellite communications company Iridium filed for Chapter 11 bankruptcy protection after it signed up fewer than 50,000 customers for its global telephone service. The company later reorganized and its network of 66 satellites still

Industry players say this time will be different. They point to the greater diversity in satellite usage now as insurance against the bust of any one particular industry.

Planet Labs, for example, says it operates the largest fleet of Earth observation satellites. Data from the San Francisco company's nanosatellites can be used to monitor farmland and track carbon

Demand for mobile connectivity is also greater than it ever was in the 1990s, even in previously unconnected places such as airplanes.

And new technology has driven down the cost

of developing and launching a satellite, aided in part by miniaturization; smaller satellites weigh less, and thus are cheaper to launch.

Tom Stroup, president of the Satellite Industry Association, said it's not likely that all the satellite constellations that have been announced will be launched. But he expects at least one, if not more, of the proposed projects in each sector _ imaging, broadband, communication services_to succeed.

"We live in a different world than we did in the 1990s," he said.

Another plus for this round of satellite projects is that they're more likely to be backed by the companies' own money, said Caceres of Teal Group.

"They're not totally reliant on investors like they were in the 1990s," he said. "So there's a good chance that many of these companies will be able to put these thousands of satellites into orbit, and if they do, they need launch vehicles."

Currently, small satellites can hitch a ride by going "piggyback" on a rocket purchased by a larger company and squeezing in where there's space. But aspiring launch providers say this method can restrict the launch time and location, as well as the orbit where the satellite will be placed.

That's where companies like Virgin Galactic think they can succeed.

The company announced its LauncherOne project in 2012 after it saw the potential in the small-satellite market. Virgin Galactic plans to eventually produce 24 rockets or more each year in its 150,000-square-foot facility, which borders the Long Beach Airport and is near the former Boeing C-17 plant, which closed in November.

Virgin Galactic is looking to produce rockets quickly and at low cost. On average, the company said it will cost \$10 million to launch a 440-pound satellite to a 500-kilometer sun-synchronous orbit, the most commonly requested orbit. That compares with SpaceX's starting price of \$62 million for its Falcon 9 rocket, or Rocket Lab's \$5 million charge for a 330-pound payload.

The company has invested in machines that speed the rocket production line. One of them creates new parts through 3-D printing, while simultaneously shaving off any extra material that could make a part even a hair's width too big.

Even the launch system was designed with

The 65-foot-long rocket will be secured under the left wing of a modified commercial 747-400 jetliner dubbed Cosmic Girl. After the plane climbs to about 35,000 feet, it will release LauncherOne to deliver the payload into orbit.

LauncherOne's first test flight is scheduled for next year. The plane will take off from Mojave and launch the rocket off the California coast near Santa Barbara.

The company has already started to fill its launch manifest. Its biggest customer is OneWeb, which has purchased flights for 39 satellites. Last year, Virgin Galactic won a \$4.7 million NASA contract to carry more than a dozen small satellites into orbit. Firefly Space Systems and Rocket Lab won similar contracts.

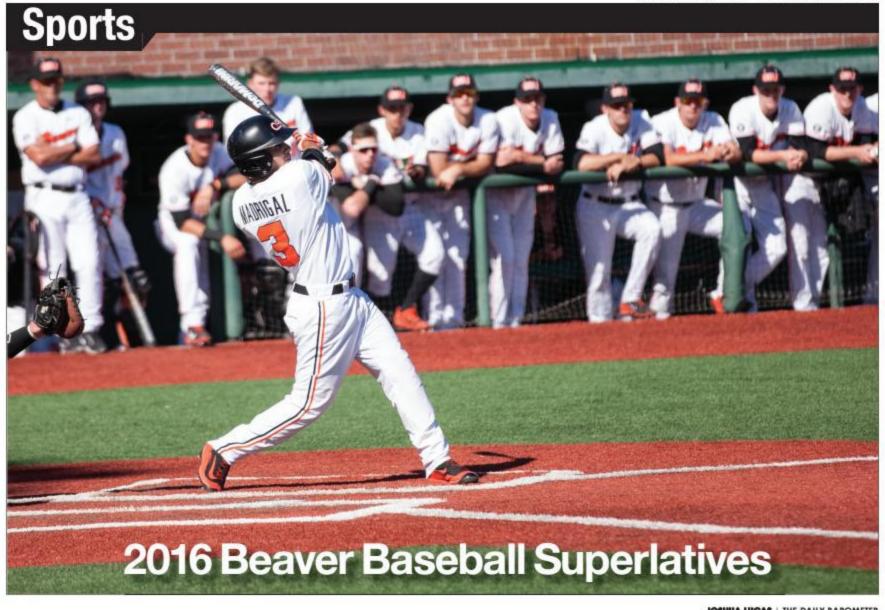
Stratolaunch Systems, a project backed by Microsoft co-founder Paul Allen and his company Vulcan Aerospace, also hopes to launch satellites from midair. It is building a rocket-carrying aircraft in Mojave that, when completed, will have the largest wingspan of any plane ever built.

Caceres said he doesn't expect all of the startup launch companies to survive. "Many of them will fold," he said. "As long as you have someone wealthy and you're not relying on attracting private investors, you have a much better chance."

Los Angeles Times



While supplies last. Prices may vary.



JOSHUA LUCAS | THE DAILY BAROMETER

Freshmen standout second baseman, Nick Madrigal is a strong Pac-12 freshmen of the year candidate. He lead the team in conference batting average. (.316)



It's time to hand out some awards!

I'm with you, that exclamation point seems forced. To be honest, I'm not super excited to be giving out these superlatives. Not because it's a drag, or because these players don't deserve them, but because it's way too early to be handing these outs.

The Oregon State baseball team should be prepping for their regional round game, hoping to keeping their current hot-streak alive that started two weeks ago into the postseason. But, they were denied their chance by the College World Series committee.

Instead, they--along with everyone else on campus--are anxiously waiting to pick up the third-to-last issue of the Daily Barometer of the year, just wanting to know who had the best walkup music, or who is destined to break out next year.

That, or they will read this and think to themselves "did this guy even watch a game this year?"

So without further ado, your 2016 Beaver Baseball Superlatives

Most Valuable Player: Logan Ice Ice has always been a great defensive catcher and managed

the pitching staff well in his first

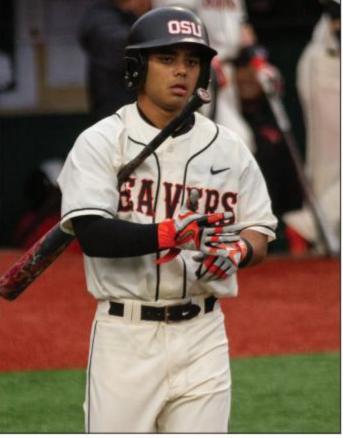
two seasons as the team's starting catcher. In 2016, he continued to be a wall behind the dish and stabilized inconsistent pitching staff and helped turn them into one of the Pac-12's best. On top of that he turned into a force in the batter's box hitting seven home runs, batting .310, driving in 37 runs while remaining patient at the plate with a BB/K rate of 37/25. You can't take Ice off the field, making him the team's most valuable player.

Pitcher of the Year: Travis Eckert

The senior righty went from an inconsistent Sunday starter as a junior to the Friday Ace when Drew Rasmussen fell victim to Tommy John surgery. Once he took over Friday duties, Eckert's game elevated, earning Pac-12 Pitcher of the Week twice. He set the tone for the young and inexperienced pitching staff. In his final two starts of the year in must-win situations on the road against USC and the final series against UCLA, Eckert went a combined 15 2/3 innings, allowing only one run on nine hits, while striking out 10 batters.

Freshman of the Year: Nick

If you didn't get a chance to see Madrigal play this season, watch the highlights of Game 1 of the UCLA series. It was his first game back from an shoulder injury that kept him out for six games, but he nearly won the game by himself with his defensive play and timely hitting. The second baseman led the Beavers in batting average during conterence play hitting .316 (the only OSU the orange and black. player with an average above .300). Madrigal's performance in his freshman campaign earned him a spot



JOSHUA LUCAS | THE DAILY BAROMETER

Christian Donahue gets ready for his at bat in Goss stadium.

ight future ahead for Madrigal in in high school as a pitcher, who came to OSU as a hybrid infielderwould lead the team in wins (10) Surprise of the Year: Bryce Fehmel and earned run average (2.31)? Who would have thought If you thought that was going to on Team USA for the summer. It's a Fehmel-who did not make a start happen when OSU opened play in

February, I'm calling BS. I imagine even Fehmel sits back and wonders "did that just happen?" when reflecting on his freshman season. Mostly used out of the bullpen, Fehmel cracked the weekend rotation the final two series of the year where he allowed only one run on 11 hits over 16 1/3 innings of work, which included a shutout against UCLA. Not bad, Bryce, not bad.

Biggest Jump: Christian Donahue

C-Boy had a good freshman season in 2015 he made 47 starts (mostly at second base) and hit .287 with 14 runs batted in. Donahue then upped his game this year bumping his batting average up to a teamhigh .339 while doubling his RBI total from a year ago, going from 14 to 29. With Madrigal taking over the second base duties, Donahue shifted to playing left field where he quickly became comfortable making several Web Gems throughout the year.

Gold Glove: Cadyn Grenier

There is a lot of candidates for this gold glove, the entire infield could all make their case as well as a couple of outfielders. But when I watched games, whenever the ball was hit in Grenier's direction, I never worried. Grenier had the range of shortstop and the arm of a third baseman. He is also versatile, when he shifted to second base for the USC series when Madrigal was still coming back from injury, it looked as though he had played that position the entire year.

Breakout for 2017: Elliott Cary

Remember Elliott Cary, the sweetswinging lefty who emerged in the middle of the order in 2015? Well he missed the entire 2016 season recov-

See Baseball, Page 8

The Bottom Line

TWEET OF THE DAY



Prayers out to UCLA

Jalen Moore @JalenMoore25

NUMBER OF THE DAY

Number of days until OSU football's home opener against Idaho St.

UPCOMING EVENTS

M. Rowing

6/3-6/5 @ IRA Championships Mercer Lake, New Jersey



BRAD ANDERSON | THE DAILY BAROMETER

After being drafted by the the Connecticut Sun with their seventeenth pick weisner was cut shortly after, but now has been picked up by the Washington Mystics.

Weisner to Washington

The Daily Barometer

General Manager and head coach for the Washington Mystics, Mike Thibault, announces the addition of former Oregon State Women's basketball guard, Jamie Weisner, to the Mystics roster.

Prior to her contract with the Mystics, Weisner obtained a host of accolades during her collegiate career. She was named Pac- 12 player of the year after leading the Beavers to their second straight Pac- 12 conference title averaging 17.5 points and 5.6 rebounds a game. With a career high of 38 points in the sweet sixteen, Weisner propelled the Beavers to their first Final Four appearance in the Programs history, where she was named WBCA



BRAD ANDERSON THE DAILY BAROMETER All-American.

Weisner was drafted in the second round as the 17th overall pick of the WNBA draft to

the Connecticut Sun.

According to her former teammate, Marie Gülich, sophomore power forward for the beavers, "Jamie's work ethic is inspiring. I've never seen somebody put in that much work every day."

"Playing in one of the toughest conference in the nation has prepared me for the speed of the game at the next level," said Weisner. With her experience at Oregon State and her work ethic, Weisner will be given a well-deserved opportunity to make a name for herself with the Mystics.

"I am excited to watch her play. This is what she worked for," says senior guard for the beavers, Jen'von'ta Hill.

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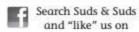
Jamie Weisner brings the ball up the court against Colorado on Feb. 12.







Taste their line-up and check out the free swag! 21 & over



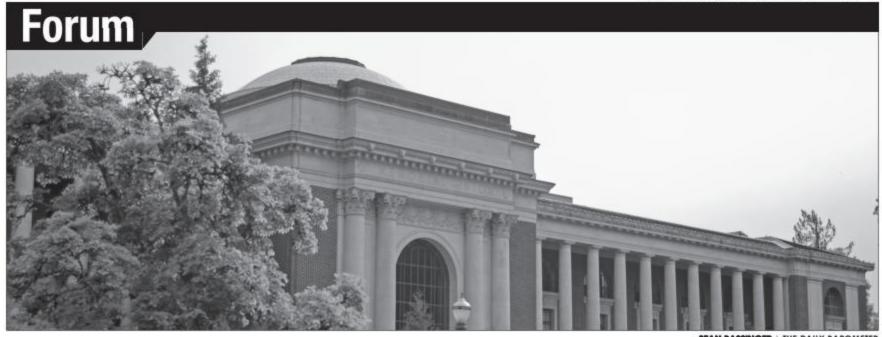
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Keep on keeping on, returning students



e've reached the end of spring term: the time when freshmen begin to reflect on how fast the year went and how much they've grown as individuals, and the time when seniors begin to marvel on how their time in college is up and start to look on towards their futures.

But this column is not for them.

juniors out there, who typically get overlooked when the end-of-the-year philosophical mus-ings come out in a storm of "look how far you've made it" and "look how far you'll go" advise tips.

However, just because they've gone through the motions of college for a bit and still have one or two years left before graduation hits doesn't mean the second and third-year students shouldn't have their very own sappy advice column, so here goes.

To the sophomores out there, know that just because you're half way done with your time at Oregon State doesn't mean you should stop surprising yourself. Join a new club. Sit down next to a stranger and begin a conversation. Sign up for that trip your major's club holds every year. Apply for that job you've always toyed with applying for.

Sure, all of these things are what the incoming freshmen are typically told to do, and maybe you engaged in some of these "confidence-building" activities when you first arrived on our campus. But chances are you've lost steam and settled in

No, this column is for the sophomores and with a few friends and maybe one club. It's easy to forget that you are surrounded by thousands of people your own age. Go out and meet some

> Also, you should think seriously about studying abroad. Applying for a study abroad program can take a lot of time, and getting your grades back from your school abroad can take just as long, so it can be pretty hard to pull off studying abroad your senior year. That means that you're best off going abroad your junior year-as in, next year. Oregon State has tons of countries to choose from, and there are endless benefits of going abroad while in college, including the fact that there are scholarships available which can help you pay for your travel. Obviously studying abroad isn't for everyone, but if you have even the slightest inclination, it's something to look into.

> And to my juniors: keep your GPA up. I'm probably not the only third-year at OSU right now who's been hit with a serious bout of senioritis. But even if you're not planning on going to grad school, keeping your GPA as high as you can will

give you an advantage if you do decide to go later, and will give you an edge when applying for jobs and scholarships.

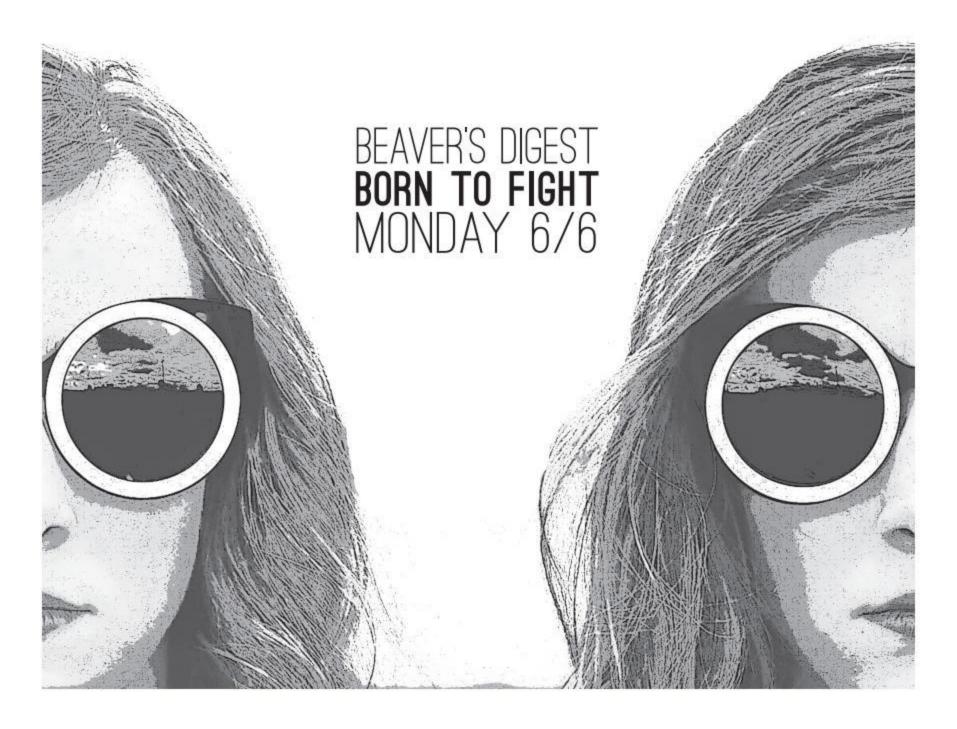
Which brings me to my next point. Don't give up on scholarships! Just because you've only got one year of school left on the horizon doesn't mean you shouldn't be searching under every rock for a scholarship you're eligible for. I mean come on-it's free money. Check with your department, major, or school to see if there's something available that you've missed.

Undoubtedly, the rapidly approaching summer may give more reflection opportunities to the freshmen and seniors, but don't let them hog all the limelight. There are things for you to be excited for too, my lovely sophomores and

Keep on keepin' on.

The opinions expressed in Keating's column do not necessarily represent those of The Daily Barometer staff.

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Baseball

Continued from page 5

ering from Tommy John surgery that he had over the summer. He was rumored to at least be able to bat this season, but he never did. Nevertheless, Cary should be a big-time performer next year. We can throw in fellow Tommy John-ers Sam Tweedt and Drew Rasmussen in this category as well.

Best Walkup Music: Steven Kwan

This was a no-brainer. Whenever the freshman centerfielder walked up to son on about the highest note possible.

bat the iLoveMemphis" "Hit the Quan" blasts over speakers at Goss Stadium. Unlike Logan Ice, Kwan went with a song that features his name in the lyrics. This raises a couple questions for me: does he use this song as a reminder to 'get down low and swing your arms" when up to bat? Or is Kwan egging on the pitchers to "Hit the Kwan" so he can get on base? Should we start referring Steven as "The Kwan" on a day-to-day basis? Whatever it may be, Kwan hit his walkup song out of the park.

High Point:

The Beavers finished the regular sea-

For three straight games, the Beavers' pitching staff shutout the Bruins, not allowing a single run for 27 straight innings. It was the first time in program history that had happened. Not only did they pitch well in that series, the defense stepped up and the offense came up with timely hits. They looked like a team hitting their stride at the right time before the postseason, but...

Low Point:

Less than 24 hours after a shutout sweep against UCLA, the College World Series committee in their infinite wisdom (eye roll) decided to leave Oregon State out of the field. It came as a shock

to players, coaches and national media alike. What separates this from their loss to Portland or a dropping their first home series loss to Oregon, is that the they don't have a chance to bounce back or climb their way out. They have to wait until next season to do so.

And that should put a wrap on 2016 season for Beaver baseball team; a season filled with obstacles to overcome, players stepping in and stepping up that ultimately ended sooner than many hoped for or wanted.

Until next year.

On lwitter @brothbone3



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