CORVALLIS, OREGON 97331

DAILYBAROMETER.COM

VOLUME CXVI, NUMBER 122

FOR BREAKING NEWS AND UPDATES Follow us on Twitter News: @baronews, Sports: @barosports

Like us on Facebook facebook.com/DailyBarometer



SPORTS, PAGE 4:

QUARTERBACK BATTLE: WHO HAS THE EDGE?

ASOSU expels representative

Nick Rosoff expelled by ASOSU house after unprofessional behavior in last few weeks

By Don Iler

THE DAILY BAROMETER

The Associated Students of Oregon State University house of representatives expelled Nick Rosoff during its meeting Wednesday night by a vote of 7-3.

The expulsion came after what several representatives described as his unprofessional behavior in the last few weeks.

An officer from the Department of Public Safety was present during the meeting. The police presence was requested after Rosoff had yelled and threatened ASOSU president Amelia Harris in her office earlier in the day. Rosoff confronted her about a letter to the editor in Wednesday's Barometer, which was written by Tim Daniel, an ASOSU employee.

Rosoff stayed in the the ASOSU offices until he was escorted away by

See ROSOFF | page 2



VINAY BIKKINA | THE DAILY BAROMETER

Former ASOSU representative Nick Rosoff was expelled by the house of representatives Wednesday evening. Earlier in the day, Rosoff had been escorted out of ASOSU offices by a Department of Public Safety officer.

Oregon animal rescue teams save animals airlifted out of California

Oregon shelters, Wings of Rescue, assist hundreds of animals otherwise awaitina euthanasia in Southern California

By Courtney Gehring

THE DAILY BAROMETER

Two weeks ago, Wings of Rescue flew 150 dogs slated for euthanasia to Hillsboro where they were then taken to shelters across the area. The organization has three more flights scheduled in the next

Wings of Rescue, a Southern California-based animal relief rescue organization, is made up of pilots that relocate animals from high-kill shelters to areas where families are seeking to adopt new pets.

Over the past three years, Wings of Rescue has transported more than 2,000 animals from kill shelters and delivered them to rescue organizations throughout the Northwest.

The organization uses its aviation experience to transport the animals, as far away as Wyoming, to find homes. Wings of Rescue relies on donations by outside parties as well as volunteers' own time and

money to fuel the rescue missions.

"Whenever our volunteer pilots want to fly, we can fill them up," said Cindy Smith, co-founder of Wings of Rescue.

California currently has soaring euthanasia rates of shelter dogs and cats. By state law, California shelters cannot refuse to accept any animal. Hundreds of strays, abandoned pets and unwanted litters enter shelters daily. That has resulted in overpopulation, which then leads to higher kill rates.

"The enormous number of homeless pets means that every dog born in the state of California today has nearly a one in four chance of ultimately becoming homeless and dying in a shelter," said Social Compassion in Legislation, a California group working to reduce the number of unwanted pets within the state, in a spreadsheet.

Fewer pet owners spay and neuter their pets. That, incorporated with backyard breeding, contribute to the problem.

"It's awful," said Smith. "The Southern California and the Central Valley pet overpopulation is out of control, and it can 100 percent be avoided through spaying and neutering."

By transporting them from Southern California to places like Oregon, their chances of finding homes are significantly greater.

By contrast, many Oregon shelters, including the Oregon Humane Society in Portland, are located in areas with high adoption rates and low kill rates. According to the Animal Shelter Alliance of Portland, in the past two years, not a single dog or cat has been euthanized in the Portland metro area.

Similarly, Heartland Humane Society, which serves as the humane society for Benton County, accepts transfer animals when space is available. These transfer animals would otherwise be euthanized.

'Our save rate is 89 percent, which is considered a high save-rate shelter," said Lauren Garcia of Heartland Humane Society.

Benton County has several programs and events to spay and neuter animals to help reduce the risk of pet overpopulation. Heartland Humane Society in South Corvallis is hosting a spay/neuter event on May 19 where cats can be fixed for \$25.

> Courtney Gehring, news reporter news@dailybarometer.com

Karplus professes a passion tor protein structures



KO PHOLSENA | THE DAILY BAROMETER

Andy Karplus, professor of biochemistry and biophysics, explains the enormously scaled up model of a protein structure.

Recipient of 2012 F.A. Gilfillan Memorial Award Lecture will speak about protein research

By McKinley Smith THE DAILY BAROMETER

Andy Karplus, a professor in Oregon State University's department of biochemistry and biophysics, will deliver this year's F.A. Gilfillan Memorial Award lecture, speaking about his work with identifying protein structure.

Karplus received the award in September and will deliver a lecture on Tuesday at the LaSells Stewart Center Construction and Engineering Hall. A reception will take place at 6:15 p.m. with the lecture to follow at 7:15 p.m.

Karplus studies protein structure and function, using X-ray crystallography to "find out the exact positions, in space, of every atom in a protein molecule," Karplus said.

Proteins are too small to see with microscopes. Instead, scientists, like Karplus, use X-ray crystallography to

determine protein structure, which is important for understanding protein function, as proteins are involved with the active aspects of life like metabolism and muscle contraction, Karplus

Using the information from X-ray crystallography, Karplus is able to construct physical and computer models of proteins.

"There are lots of drug development projects, which refer to our work, and a lot of research that was actually in part stimulated by our research in terms of figuring out new ways, for instance, that cells become cancerous and some ways that cell growth and development are regulated," Karplus said.

Karplus will discuss how his work has contributed to others' research on cell signaling and cell regulation as part of Tuesday's lecture.

Studies done at Karplus' lab of an enzyme called peroxiredoxin, which is involved with regulating levels of hydrogen peroxide, suggest that the

See KARPLUS | page 2



Larry Roper steps down as vice provost

Roper to remain vice provost of student affairs until his leave in June 2014

By Don Iler
THE DAILY BAROMETER

Dr. Larry Roper announced Wednesday that he will be stepping down as vice provost for student affairs effective June 30, 2014.

Roper wrote in an email that he would take a six-month sabbatical following his departure as vice provost but would return as a faculty member to Oregon State University. "It's time to

do something

else with my

I love my work and I have incredible colleagues with lots of loyalty. I want to make sure we finish work on the things we have underway.

> **Larry Roper** OSU vice provost

life," Roper said in a telephone interview. "I've been doing this for 18 years." Roper said he has a num-

ber of projects he would like to continue to work on over the next year and that the

year will also provide adequate time for the search committee to find a replacement for him.

"I love my work and I have incredible colleagues with lots of loyalty," Roper said. "I want to make sure we finish work on the things we have underway.'

In his email, Roper said that Provost Sabah Randhawa will secure a firm to help with a national search to fill the vice provost position.

"He's one of the most thoughtful people in terms of working with others on-campus and communicating with students," said Steve Clark, vice president of university marketing and

Roper has served as vice provost at OSU since 1995. Roper has degrees from Heidelberg College, Bowling Green State University and the University of Maryland and has published more than 30 items, including journal articles, magazine articles, chapters in books and book reviews.

The division of student affairs encompasses a broad set of university organizations, ranging from the Memorial Union to International Cultural Services and Student Media, which includes The Daily Barometer.

Following his return, Roper said he would go back to teaching and advising

Warner Strausbaugh contributed to this story.

> Don Iler, editor-in-chief On Twitter @doniler news@dailybarometer.com

Barometer

Newsroom: 541-737-2231

Business: 541-737-2233

Memorial Union East 106 Oregon State University Corvallis, OR 97331-1617

Find Us Here...



NEWS TIPS • 541-737-2231

FAX • 541-737-4999

E-MAIL • NEWS TIPS

news@dailybarometer.com

Contact an editor

EDITOR-IN-CHIEF DON ILER

541-737-3191 editor@dailybarometer.com

MANAGING EDITOR WARNER STRAUSBAUGH

managing@dailybarometer.com

NEWS EDITOR JACK LAMMERS

news@dailybarometer.com

FORUM EDITOR MEGAN CAMPBELL forum@dailybarometer.com

SPORTS EDITOR ANDREW KILSTROM

sports@dailybarometer.com PHOTO EDITOR

JACKIE SEUS photo@dailybarometer.com

SENIOR EDITOR ALEXANDRA KASPRICK

JONATHAN CHECKIS, IRENE DRAGE, JESSICA KIBLER

To place an ad call 541-737-2233

BUSINESS MANAGER

541-737-6373 baro.business@oregonstate.edu

AD SALES REPRESENTATIVES

JACK DILLIN Dailybaro1@gmail.com

SAM FAMA Dailybaro2@gmail.com DAVID BUNKER

Dailybaro3@gmail.com ADRIAN KNORR Dailybaro4@gmail.com

BRADLEY FALLON

Dailybaro5@gmail.com ALLIE WOODSON Dailybaro7@gmail.com

CLASSIFIEDS

PRODUCTION

baro.production@oregonstate.edu

The Barometer is published Monday through Friday except holidays and final exam week during the academic school year; weekly during summer term: one issue week prior to fall term in September by the Oregon State University Student Media Committee on behalf of the Associated Students of OSU, at Memorial Union East, OSU, Corvallis, OR 97331-1614.

The Daily Barometer, published for use by OSU students, faculty and staff, is private property. A single copy of The Barometer is free from newsstands. Unauthorized removal of multiple copies will be considered theft and is prosecutable

Responsibility — The University Student Media Committee is charged with the general supervision of all student publications and broadcast media operated under its authority for the students and staff of Oregon State University on behalf of the Associated Students of OSU.

Formal written complaints about The 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.

dailybarometer.com

German a capella group to visit OSU

THE DAILY BAROMETER

Vocaldente, a five-person a cappella group from Hanover, Germany, will be performing from 6 to 8 p.m. tonight at the Whiteside Theater. The event is presented to the community by the OSU German program.

The group is known to perform various popular songs of which they arrange themselves, specifically contemporary and modern music from the past 100 years. They also have written their own pieces. Stylistically, they focus on keeping their performance as acoustic as possible, doing their

best to stay away from microphones and other technical aid.

Founded in 2004, they built up a name for themselves locally in Germany before frequently touring internationally. They have won awards at several international choral competitions.

Last year, approximately 400 people attended their performance at the Whiteside, and it is expected that as many if not more will attend

The event is family-friendly and will be free and open to the public.

the event.

Line up announced for Flat Tail Festival

Hoodie Allen will be the headlining act at this year's festival

THE DAILY BAROMETER

The Memorial Union Program Council announced the line up for this year's Flat Tail Music Festival Wednesday.

The Flat Tail Music Festival will be featuring Hoodie Allen, SOL, DJ Vue, Mosley Wotta and Rags & Ribbons. The festival will be held in the Memorial Union quad on May 31 through June 1.

Hoodie Allen is an up and coming rapper from New York.

with an agent.

nus who has performed in a handful of festivals beforehand. According to the DJ Vue Facebook page, the DJ's music features the electro genre.

Originally from Portland, the group Rags & Ribbons features alternative rock. MosleyWotta is a hiphop artist from Bend.

This year's festival will be slightly different, with the concert area now being fenced in and the event will require tickets for entrance. There will be increased security for the event, with entrance procedures simi-

from Seattle and was just signed here at OSU. Students will be DJ Vue is an OSU alum- required to obtain a ticket before

> There will be 9,000 tickets available and student tickets will be free, with tickets available to the general public for \$5. Tickets will become available on May 13.

"It's pretty much like getting The hip-hop group, SOL, is lar to those at sporting events a ticket to a football game," said

Rand Paul faces blowback after drone comments

Sen. Rand Paul's loyal group of Libertarian followers were outraged Tuesday after the Kentucky Republican said he would be fine with a drone strike killing an American a liquor store with a weapon citizen robbing a liquor store with a gun.

'We shouldn't be willy-nilly, looking into their backyard at what they're doing. But if there is a killer on the loose in a neighborhood, I'm not for Dzhokhar Tsarnaev, a sus-

against drones being used to search them out, heat seeking devices being used," Paul said in an interview on Fox Business Network.

and \$50 in cash, I don't care if a drone kills him or a policeman kills him," he added

The question arose in relation to the manhunt last week

pect in the Boston Marathon bombings. Tsarnaev was born in Kyrgyzstan but became a U.S. citizen in 2012.

Paul's hypothetical sce-"If someone comes out of nario angered some fans, who loudly supported Paul when he took to the Senate floor in March to question whether the U.S. government believes it had the authority to carry out drone attacks against American citizens on U.S. soil.

KARPLUS

Continued from page 1

enzyme does not always eliminate hydrogen peroxide from the cells, Karplus said.

When the concentration of hydrogen peroxide is on purpose produced at a higher threshold, the enzyme is shut off.

"We then pulled together a bit of information to speculate that the reason that happens is because peroxide is really important for cell growth and development under certain conditions," Karplus said. "Your cells and mine, actually on purpose, make hydrogen peroxide in order to do positive things."

Karplus' lab was able to

enzyme that was responsible for this function.

'Hydrogen peroxide tends to be thought of as a toxic molecule that damages cells," Karplus said, but it may also be a signaling molecule.

Karplus regularly teaches biophysics classes for biochemistry and biophysics majors and often teaches general biochemistry. He currently teaches a course in protein evolution.

"When people begin to see proteins as physical objects that are really amazing in what they do, that's when the level of understanding really gets transformed," Karplus said. "I get excited both about being able to do the research and

show a particular feature of the about being able to teach students about it.'

Karplus has worked at OSU for 15 years, serving as chairman of the department of biochemistry and biophysics from 2007 to 2010.

The F.A. Gilfillan Memorial Award is the "most prestigious" award in the College of Science, said Jill Wells, development assistant for the College of

It was created in honor of Francois A. Gilfillan, dean of the College of Science, between 1938 and 1962, by his family, and is awarded for distinguished scholarship in science.

McKinley Smith, news reporter

ROSOFF

Continued from page 1

the police. Rosoff maintains that he spoke calmly to her and only stayed in the office because he was helping to train volunteers.

Matt Palm made the motion to remove Rosoff from office.

"I'm not comfortable with you in this space," Palm said to Rosoff.

Rosoff disagreed that his behavior was unprofessional.

"I am being strong-armed out of the organization as we speak," Rosoff said.

Expelling a representative requires a vote of two-thirds of the house of representatives according to ASOSU statutes. The house voted by secret ballot after a suggestion by Michael Robb.

Palm presented the house with copies of emails sent by Rosoff in the last week, one which accused Harris of "man-handling power within the organization.

Rosoff left the room immediately after the results of the vote were announced.

"I'm disappointed this had to happen," Palm said. "There is a way to promote change that is productive and there is a way that makes people feel threatened."

Rosoff said he had discovered various misdeeds of the executive branch and other ASOSU officials.

"I was on the verge of exposing the administration but they acted more quickly," Rosoff said. "They had to get rid of me because I was on to something.'

Rosoff has served as speaker pro-tempore of the house and ran an unsuccessful campaign for president, having lost in the primary election. Rosoff was prevented from campaigning for the first week of the election after the elections committee sanctioned him because he was found campaigning before the official start of the campaign season.

Last week, Rosoff sent a summons to Harris, asking her to provide him with documents about attendance records of staff and performance evaluations. Harris said she would not comply with the summons since Rosoff had no authority to issue one.

Rosoff said he would continue his activism.

"I think my history as an activist sort of speaks for itself," Rosoff said. "This just proves I was doing something right."

In other business:

Palm said he would be presenting a resolution next week calling on the registrar's office to return his phone calls in connection with a survey he would like to conduct about student housing.

The house of representatives meets again Wednesday at 7 p.m. in the Memorial Union.

Don Iler, editor-in-chief On Twitter @doniler litor@dailvbarometer.c

Calendar

Thursday, April 25

Meetings

Baha'i Campus Association, 12:30pm, MU Talisman Room. Is a Universal Religion Possible? Devotions and discussion.

Educational Activities Committee,

5-6pm, Student Media Conference Room 120 MU East/Snell Hall. Discuss funding requests and policy changes

Events

OSU College Republicans, Noon-4pm, MU Quad. 2nd Amendment Week. Many events including a concealed handgun class, guest speaker Lars Larson and a drawing for a firearm

The Lonnie B. Harris Black Cultural Center, 4-6pm, BCC Snell Hall 427. History Has Been Made. Learn about the first African Americans to make history Come see who paved the way for the rest of the

Friday, April 26

Meetings

OSU Chess Club, 5-7pm, MU Commons.

Pride Center, 3-4pm, Pride Center. Educational event focusing on trans* health and its various aspects, difficulties, and resources. Brenda McComb and Beth Wasylow are presenting. Become a more informed individual.

Events

OSU College Republicans, Noon-4pm, MU Quad. 2nd Amendment Week. Many events including a concealed handgun drawing for a firearm.

Pride Center, 4-6pm, Upper Dixon Classroom. Locker Room Health: Mental & Physics ical. Learn and discuss the many obstacle that those in the queer community and the heterosexual community face when using M.E.Ch.A. de OSU, 10pm, Snell Interna-

ry as an established student organization! Dance the night away! Free pastel (cake)! OSU Music Department, Noon, MU Lounge. Music a la Carte - Platypus

tional Forum. Celebrate our 20th Anniversa

Clarinet Orchestra. Audience members are welcome to bring lunch to enjoy during the performance The Lonnie B. Harris Black Cultural Center, 4-6pm, BCC Snell Hall 427. Birth-

day Bash 2013. Celebrate the BCC's 38th historical birthday celebration. Join us for free food, a scavenger hunt and history of

Saturday, April 27

Events

Pride Center, 10am-Noon, Langton 301. Self-defense class. Ronie Carper will give a brief, crash course on self defense for the

Monday, April 29

Campus Recycling, 6-8pm, OSU Recycling Warehouse. April Repair Fair - Bring your help you learn how to repair your things.

The Lonnie B. Harris Black Cultural Center, 4-6pm, MU Journey Room. SPEED Friending! Be sure to make new friends and great connections that will last a lifetime Free food will be provided.

Tuesday, April 30

Meetings

ASOSU Senate, 7pm, MU 211. Weekly

Educational Activities Committee, 5:30-7pm, Student Media Conference Room, 120 MU East/Snell Hall. Discuss funding requests and policy changes.

Leaders Empowering Asian and Pacific Islanders at OSU, 11am-4pm, MU Quad. Asian & Pacific American Heritage Month Kickoff! Join us for games, cake and

SPONSORED BY ISS



Brewfest Package



Hui 'O Hawaii with Polynesian Cultural Club

This [issue] in turn will

help the Democrats

further down the

ticket; it could tip

the House to the

Democrats in 2016

and help keep the

White House in the

hands of the

Democrats in 2018.

Photo Editor

3 • Thursday, April 25, 2013

Editorial

Give broadband to everyone

"modernize" the Lifeline Program and allow for subsidized broadband service for lowincome Americans was introduced on Tuesday.

Ars Technica, a web publication devoted to reporting on technology, had a headline that said it best: Would you like some broadband with those food stamps?

This Ars article, from 2010, foreshadowed government reforms to the Lifeline program.

Rep. Doris Matsui, D-Calif., along with two other Californian representatives, introduced the Broadband Adoption Act of 2013. In June 2011, Matsui introduced a similar bill, H.R. 2163, the Broadband Affordability Act of 2011. Unfortunately, it did not advance past a House subcommittee.

The Broadband Adoption Act of 2013 — which we have high hopes for — would instruct the Federal Communications Commission to modify the Lifeline Program. The Lifeline program currently provides discounted prices on phone services for qualifying low-income

Certainly, we agree that broadband Internet should be accessible for everyone. Dial-up is — or it should be - a thing of the past, buried with other '90s relics like Furbies or

Sixty-six percent of American adults had broadband Internet in 2011, according to the Pew Research Center's Internet and American Life Project surveys. This is great, but the remaining 34 percent, which the FCC estimates is 100 million Americans, still deserve broadband.

FCC and Pew studies suggest that areas where people do not have broadband services is due to affordability barriers, which are a combination of low-income levels and high broadband service costs.

In this day and age, access to the Internet is crucial. As college students, that is plainly clear. We use the Internet to access Blackboard, email classmates and professors, creep people on Facebook, apply for jobs and Google.

"The Internet is increasingly the economic engine for growth and innovation," Matsui said in a press release discussing the Broadband Adoption Act of 2013.

The Lifeline Program is available for people who have an income at or below 135 percent of the federal poverty guidelines. It is also available tor people who participate in any one of the federal or state assistance programs like Supplemental Nutrition Assistance Program (SNAP), more commonly known as food stamps, Medicaid or Temporary Assistance to Needy Families (TANF), to name

We hope Matsui's new legislation makes more headway than her 2011

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

The Daily Barometer c/o Letters to the editor Memorial Union East 106 Oregon State University Corvallis, OR 97331-1617 or e-mail: editor@dailybarometer.com

Same-sex marriage legislation plays role in future elections

ow the Supreme Court rules in June on the two same-sex marriage cases they faced over spring break could drastically affect the Republican Party in future elections. The two cases are the Defense Of Marriage Act (barred the federal government from recognizing same-sex marriages) and California's Proposition 8 (voterapproved initiative that banned same-sex marriage in California).

Recently, an NBC poll had support for same-sex marriage at 58 percent, while opposition was at 39 percent. This poll, coupled with the intense press coverage around same-sex marriage, has caused a lot of moderate and red-state Democrats to come out in support of same-sex marriage. It is now basically a litmus test for Democrats, and an issue that really fires up their voters.

For Republicans, however, same-sex marriage is a huge thorn in their side. Leaders of the party have stopped any sort of offensive language directed toward gays, lesbians and those who want to legalize same-sex marriage. Instead, Republican leaders make comments that sound like this: "They respect the other party's opinions, but they still believe that marriage is between one woman and one man." This is a huge shift in a very short amount of time when GOP leaders regularly denigrated same-sex marriage and its advocates. This was common in 2004, when many ballot measures proposing to ban same-sex marriage were put on ballots and passed; they used the issue to motivate their base to vote and propel George W. Bush to re-election.

This time around, the Democrats are on the popular side of the culture war and have massive levels of public opinion and demographics on their side. In that same NBC poll, 80 percent of **Brad Alvarez**

The Daily Barometer

people under 30 supported same-sex marriage. Democrats can use this issue in future elections to drive turnout if they decide to launch an all-out assault on same-sex marriage bans by using ballot measures to repeal these laws and legalize samesex marriage. This in turn will help the Democrats further down the ticket; it could tip the House to the

Democrats in 2016 and help keep the White House in the hands of the Democrats in 2018, depending how tactical and coordinated the ballot measures are.

However, this is all dependent on whether the Supreme Court doesn't rule that same-sex marriage is a right protected under the Equal Protection Clause of the 14th Amendment, which would invalidate all current same-sex marriage bans in the United States. If the Supreme Court makes that ruling, then same-sex marriage will become a moot issue. If I were a Republican operative, I would be praying for

this outcome in order to prevent same-sex marriage from being used against the GOP.

Same-sex marriage has been used against the Republican Party rather effectively for about a year or so. Remember during the Republican Primary when a gay soldier asked Rick Santorum

why he should not be allowed to serve in the military based on his sexual orientation? Santorum stumbled badly, saying the military is not a place for social engineering or sexual tension, and many Republicans in the audience booed the soldier quite loudly, which was embarrassing.

Any other ruling by the Supreme Court would motivate liberals, who for the most part view samesex marriage and gay rights as the civil rights struggle of their time. That's what would truly scare me, if I were a Republican who was actually interested

> in winning elections — there are quite a few who aren't. Gays and lesbians getting married would become a small concern to the GOP when they have motivated liberals and young people coming out in force for same-sex marriage. These voters would also probably vote Democratic down the ticket, drastically helping the Democrat Party win back congressional and state Legislature seats.

forum@dailybarometer.com

According to most court "experts," judging solely from the oral arguments, the Supreme Court isn't expected to make a ruling granting gays and lesbians the federal right to marry. However, if

they did, that ruling would be incredible for the GOP from a political perspective and allow them to focus on issues that they poll much better on.

Brad Alvarez is a senior in finance and economics. The opinions expressed in his columns do not necessarily represent those of The Daily Barometer staff. Alvarez can be reached at forum@dailybarometer.com.

Need to find other methods for pollination as bee populations decline

oneybees play a crucial role in plant reproduction. This is true beyond the typical dandelion — they are also crucial to agricultural yields. In recent years, however, the honeybee populations have declined, and the mystery as to why continues to elude

In June and July of 2008 and 2009, Greek honeybee keepers in the Peloponnese region suffered high mortalities of their honeybees. In the United States between 2006 and 2007, more than a quarter of the 2.4 million honeybee hives in the U.S. experienced tremendous losses. The U.S. losses were attributed to Colony Collapse Disorder (CCD). The most prominent CCD symptom is a very low to nonexistent adult bee population in a hive. There is a live queen, yet there are no dead adult bee bodies in the hive.

The causes for CCD have not been discovered, but researchers are investigating in four main areas: pathogens, parasites, environmental



No specific cause has been found. Adding to the complexity of the

issue, diseases that lead to CCD differ from the West Coast to the East Coast. The effect of the use of pesticides, such as neonicotinoids, is also being investigated.

Neonicotonoids were registered with the EPA in 1984 and have been used since the early 1990s. They are used as a pesticide on some agricultural fields. There are concerns that neonicotonoids may adversely affect pollinators as they accumulate within the pollinator from the pollen of the plants that honeybees visit. A thorough report of the affects of neonicotonoids is found in the article "Neonicotonoids in bees: A review on concentrations, side-effects and risk assessment.'

Pollen is not the only danger to bees. Through the plant process of guttation — in which a plant excretes xylem fluid at the leaf margins — bees, which may use these fluids for water, can be exposed to neonicotonoids, which can cause

Neonicotonoids affect honeybees neurologically. At levels found in pollen, nectar and within hives, researchers found that neonicotonoids cause depolarization - that is, a blocking of neuronal firing — and that they inhibit nicotinic responses. Neonicotinoids essentially affect the cognitive abilities of bees, their ability to learn, their memory, navigation and foraging skills, along with other effects. Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees.

Honeybees pollinate roughly onethird of American crops. According to the Public Broadcasting Company, other crops honeybees pollinate include apples, nuts, broccoli, avocados, soybeans, asparagus, celery, squash and cucumbers, citrus fruit, peaches, kiwi, cherries, blueberries, cranberries, strawberries, cantaloupe and melons. In addition to any crops they may fertilize for animal consumption. During the 2006-2007 crisis, the estimated damages soared to around \$8-12 billion for crop production.

Other pollinators can pick up the bees' slack. Other insects and birds also help pollinate fruits and vegetables, however, due to the large sector of American agriculture, it is hard for them to keep up with the productivity the bees have achieved.

To mediate the loss of pollinators, other organisms are being investigated if they can help take the load off the honeybees. One such is the bumblebee. However, higher costs per colony, and that they do not re-use old colonies and instead find new ones every spring are roadblocks to their effective use.

There are other species of bees that are being studied by the USDA. The blue orchard bee is a solitary bee that lives in holes made by beetles. Due to their solitary nature, they rarely sting and do not swarm. In addition, 2,000 blue orchards can do the work of 10,000 honeybees, making them much more efficient. However, there are drawbacks; their numbers cannot be increased as extensively as honeybees, meaning lower numbers for a beekeeper.

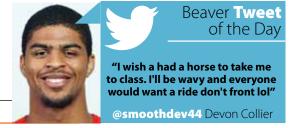
Some are encouraging the use of wild pollinators. Agricultural producers are encouraged to plant diverse crops, use crop rotations and use fewer pesticides in order for wild pollinators to pick up some of the production loss from CCD.

Honeybees are crucial to agricultural production, and without the continued study of replacements should a population crash occur, food prices may rise. However, with more study for the blue orchard bees, other possible pollinators and as well as wild pollinators, perhaps some of the work can be distributed to take the stress off of honeybee populations.

Tyler Pike is a junior in agricultural sciences. The opinions expressed in his columns do not necessarily represent those of The Daily Barometer staff. Pike can be reached at forum@dailybarometer.com.



IRENE DRAGE IS A SENIOR IN ENGLISH.





Sports

KEVIN RAGSDALE | THE DAILY BAROMETER

Junior Sean Mannion listens to offensive coordinator Danny Langsdorf during spring practice. Mannion is listed as the starting quarterback on the spring depth chart.

Who do you think should start at quarterback for the Beavers in 2013? Go to dailybarometer.com to vote.



KEVIN RAGSDALE | THE DAILY BAROMETER

Senior Cody Vaz gets ready to throw a pass at spring camp. Vaz started five games in 2012, throwing 11 touchdowns and three interceptions.

No progress made on QB decision

Sean Mannion, Cody Vaz continue to battle for the starting quarterback position

By Sarah Kerrigan THE DAILY BAROMETER

Once again, the Oregon State football team has a battle for the starting quarterback position with

no decision in sight. The situation hasn't changed much from the beginning of spring camp four weeks ago as there have been few distinguishing factors between junior Sean Mannion and

senior Cody Vaz. At the beginning of spring camp, head coach Mike Riley said that while they would be looking for consistency from the quarterbacks, the most important criteria was choosing the guy who would make the right play without committing turnovers.

Both players have been performing at the same level with fairly high proficiency throughout spring camp. This has made a hard decision even harder for the coaching staff.

"We'd love to have a decision as soon as possible," said offensive

coordinator Danny Langsdorf. "But when you have two good players playing as well as they are, it makes it tough.

Since both players have performed similarly in spring practice and can do the same things physically, other factors will distinguish the two. Of particular interest are the players' decision-making abilities and their growth in knowledge of the position, which comes with experience.

Their biggest jumps, frankly, will be about knowledge and using that knowledge correctly and quickly in football games," Riley said. "Those guys played a lot of good football last year and the bad plays they did make came in decision-making."

Mannion said he is focusing on the

making abilities are a crucial factor has to be the clear-cut starter." in earning the starting spot.

is decision-making and accuracy," Mannion said. "I know those are things that I want to continue working on going forward."

There is a duality to the competition for the position. A positive aspect to it is that it pushes the players to fight on every play for their spot, but the negative part is the mental wear on the quarterbacks.

There's always a chance that

We'd love to have a

decision as soon as

possible. But when

you have two good

players playing as

well as they are, it

makes it tough.

Danny Langsdorf

Offensive coordinator

the pressure will negatively affect their confidence and cause either Mannion or Vaz to overanalyze both their performances and what the coaches are telling them.

But that doesn't mean the coaching staff is going to rush into a decision.

"We don't have a timeline on it," Langdorf said. "I've

technical aspects of the game, but told both of them, 'Someone has to

All the coaching staff and fans can

"What I need to keep working on do is wait for one of these two players and hopefully they will have good to take that extra step and separate himself from the other.

> At this point, neither player has been able to push through to the next level in order to clearly distinguish himself. Mannion and Vaz are both taking it one day at a time, while not looking too far into the future.

> "All I'm trying to do is play my best football every day, and if I just keep

doing that, hopefully the rest of it will take care of itself," Mannion said.

The coaching staff realizes that the players need time to grow and don't expect to make a decision until fall camp. It's hard to distinguish between the two during spring camp because the practice is rarely full contact.

Riley said that the difference he also realizes that his decision- run away with this thing; someone between them probably won't show up until then.

"They've both had good springs,

summers of preparation, and we'll see what happens in fall camp," he

Mannion started eight games last They've both had year, throwing for good springs, and 2,446 yards, 15 touchdowns, 13 hopefully they will interceptions and have good summers completed 64.7 perof preparation, and we'll see what happens in fall camp.

> Mike Riley Head coach

cent of his passes. Vaz started five games, including the Alamo Bowl. He had a 58.9 completion percentage, 1,480 passing yards,

11 touchdowns and only three interceptions.

While many believe Riley and the coaching staff will decide on and stick with a quarterback for the entire season, Riley showed last year that's he's not afraid to change things. The quarterback position could be a topic of discussion even past fall camp.

Sarah Kerrigan, sports reporter

On Twitter @skerrigan123 sports@dailybarometer.com

COMING SOON

FRIDAY, APRIL 26

Softball vs. No. 22 Arizona

3 p.m., OSU Softball Complex Women's Track

OSU High Performance Meet, 3 p.m. Whyte Track and Field Center

No. 5 Baseball vs. USC

4:05 p.m., Goss Stadium

SATURDAY, APRIL 27

Men's Socce

vs. Portland Timbers U-23s 11 a.m., Paul Lorenz Field

No. 5 Baseball vs. USC

2:05 p.m., Goss Stadium <mark>Softball</mark> vs. No. 22 Arizona

3 p.m., OSU Softball Complex

omen's Rowing Oregon State Classic TBA, Lowell, Ore.

Oregon State women's golf takes 8th at Pac-12 Championships

Women's golf had one of its best outings of the season, but likely won't qualify for NCAA Regionals after finishing 8th

THE DAILY BAROMETER

In what was likely their last event of the season, the Beavers finished in eighth place at the Pac-12 Championships. The Oregon State women's golf team scored ahead of Colorado, Washington State and California.

The Pac-12 Conference is a particularly talented one: six of the top 15 women's golf teams in the nation are from the Pac-12.

The next event of the year is NCAA Regionals, the field for which will be announced on Tuesday.

"This team is an NCAA Regional-caliber team that most likely will not be selected to advance," said head coach Rise Alexander in an article

posted on osubeavers.com. "But they can hold finish. their heads high with their play throughout this season. In the most competitive venues, they have played very well all season. This team will all be back and will feed off this competitive finish to motivate them for a great year next year."

The Beavers will only graduate two seniors this year, and neither of them competed regularly in tournaments. The five golfers that did compete regularly will all be back next season.

That includes a pair of juniors in Seshia Lei Telles and Lauren Sewell, sophomore Anica Yoo, and freshmen Chelsea Saelee and Ashlee Pickerell.

Telles was the team's best golfer this year. She averaged a team-low 74.71 strokes per round, and her career scoring average also leads the team. At the Pac-12 Championships, she came through again. With an individual score of 8-over-par, she scored well enough for a top-25

Even so, Telles was bested by two of her teammates. Both Yoo and Saelee were just 7-over-par, and they tied for 20th. It is the first time in OSU history that three players finished in the top-25 at the Pac-12 Championships.

The nation's No. 1 team, the University of Southern California, ended up winning the Pac-12 Championship with a team score of 11-underpar. They were followed by No. 11 Washington at 13-over-par and No. 10 UCLA at 15-over par. In-state rival Oregon came in seventh place at 26-over-par. Oregon State shot 32-over-par.

While it may not have been the type of conclusion the Beavers had wanted, they still have plenty of things to look forward to as they prepare for the 2013-14 season.

> The Daily Barometer sports@dailybarometer.com

Take-

Out

Available

Softball

Ally Kutz

By Grady Garrett

THE DAILY BAROMETER

Q: Favorite professional sports team(s)?

A: Growing up [in Mt. Vernon, Wash.], Pacific Northwest teams, I guess. Seattle teams would be my favorite. But I'm not super into them. I was a big fan of the Seahawks this year. They've been coming back. Usually they're not good, but when they're good, I get excited and start watching.

Q: Favorite professional athletes?

A: I'm going to say Kobe. He's cocky, but he's good.

Q:What would you be doing if you weren't playing softball?

A: I'd find some other sport to play because I love sports, and I love the competition of it.

Q: What sport?

Schwegler)?

A: Basketball, soccer, anything. Q: You were a four-year varsity basketball player in high school, so would you win a team-wide 1-on-1 tournament (not including Mollee

A: Maggie [Doremus] and I would go head-to-head. Maggie's got a good shot, but I think I could post her up. I think it'd be a close one. I think I could

Q: What's your worst sport?

beat her.

A: Is hacky-sacking a sport? I bought a new hacky sack and I'm pretty bad at it. It makes me mad, so I'm trying to get better at it. Other sports I can figure out, but hacky sack is just taking me longer.

Q: Pregame routine?

A: Our team likes to sing and dance. That gets me juiced. Before we get to the field, I jam out to my favorite songs.

Q: If you could pick one song for them to play in between innings at games, what would you pick?

A: "I Love It" by Icona Pop. It's an annoying song, but it gets me pumped up.

Q: You've been a star on the softball team's recent talent show videos. How did you find vourself in that role?

A: I just kind of put myself out there. I don't care if I look like a fool, I don't care what people think of me, so I just do whatever I want in the videos. I like to dance. Apparently I'm not a good dancer — I think I'm a

good dancer — but people think my dancing skills are funny so people make me dance. I just like to have a good time.

Q: What was your favorite role to play in the talent show videos?

A: Fat Amy was pretty fun [in this year's video]. What other roles have I played? Q: Forgetting your gymnas-

tics routine in last year's "Stuff" Oregon State Athletes Say &

A: Oh yeah, gymnastics was for sure my favorite. I'm not a super girly girl, but that was probably the girliest I've ever acted. It was pretty fun, especially since we took it in one take. [The routine] was all impromptu.

O: You're stuck on an island with two teammates: who and

A: Can I pick four? Maggie, Bailee [Niehus], Ya [Garcia] and Tina [Andreana] because they're my ride or die.

> Grady Garrett, sports reporter On Twitter @gradygarrett sports@dailybarometer.com

TO ENGAGEMENT

151 NW Monroe Ave.

Corvallis • 541-286-4093

www.sadasushi.com

Tuesday-Thursday: 11:30 am-2 pm & 4:30 pm-9 pm

Friday: 11:30 am-2 pm & 4:30 pm-10 pm

Saturday: Noon-10 pm & Sunday: Noon-9 pm

52 PAID STUDENT STAFF POSITIONS

on the following teams for 2013-2014:

SLI Information Desk

10%

Discount

with Student ID

Student Events & Activities Center Student Event & Activities Specialist

Marketing & Media Coordinator Community and Cultural Food Program Specialist

Center for Leadership Development Peer Leadership Consultants

Center for Civic Engagement (CCE)

Memorial Union Program Council (MUPC)

Student Sustainability Initiative (SSI)

information, applications and alternative format: oregonstate.edu/sli/applications

or Memorial Union room 103 Deadline is Friday, May 3rd at 5pm

Oregon State Student Leadership & Involvement

(students may apply for multiple positions)



1. No. 5 Oregon State

Oregon State maintains the top spot

in my power rankings despite drop-

ping two of three to Washington last weekend. The fact that the Beavers

are still in first place in the Pac-12 is

OSU could finish the season on a high

The Beavers have won their 31 games

how they always have: with pitching

and defense. While the defense has

been a little inconsistent compared to years past, their team-earned run aver-

Michael Conforto is arguably the best

hitter in the conference, despite having

a slightly worse year than 2012, statisti-

cally, and OSU's starting rotation is the

Like OSU, the Ducks are coming off

a conference series loss but still get the

nod at number two because their con-

ference record of 13-5 is much better

OREGON The Ducks have suc-

style of play: pitching and defense. The

Ducks are 24th in the nation in ERA at

2.81 and are first in the nation in field-

age offensively, the Ducks are not, rank-

ing 152nd in the nation in runs scored

per game at 5.2. They generate their

offense through small ball, illustrated

by their 56 sacrifice bunts — fifth in

One of Oregon's lone bright spots

on offense is Ryon Healy, who's hitting

.340 with seven home runs and 35 runs

3. No. 13 UCLA (25-12, 9-6)

UCLA plays a lot like OSU in terms

only 257th in the nation

in batting average at .246.

Trent Chatterton has the

highest batting average

of style of play. The Bruins are ninth in

the nation in ERA at 2.55, but they're

on UCLA's entire roster at only .287 -

The Bruins were No. 7 in the nation at

the start of the year and have been bet-

ter as of late after starting off slow. UCLA

has won six of eight and just took two

of three from Oregon over the weekend.

Washington State, Utah, Arizona, USC

and Stanford remaining on the sched-

ule. They will be favorites to sweep the

Cougars, Utes and Trojans and could easily beat both Stanford and Arizona.

Like OSU, UCLA could make a deep

postseason run with their pitching staff.

The Bruins have Pac-12 series with

But while OSU is slightly above aver-

record.

than UCLA's 9-6 Pac-12

cessfully ripped of OSU's

age is third in the nation.

best in the conference.

(30-10, 13-5)

ing percentage.

the nation.

batted in.

not exactly great.

2. No. 10 Oregon

impressive, and with con-

ference opponents USC,

Cal, Washington State

and Stanford remaining,

(31-8, 11-4 Pac-12)

note.

Baseball Power Rankings

4. No. 9 Arizona State (24-

The Sun Devils are one of the sneakier teams in the Pac-12. At only 8-7 in conference play, they come off as middle-of-theroad but are ranked ninth

this season.

nationally. ASU is traditionally known as an offensive powerhouse and seems

to be getting back to that after dropping off the last couple years. The Sun Devils are 42nd in the nation in home runs with 24 (first in the Pac-12) and 53rd in runs per game.

Trever Allen highlights ASU's offense, hitting .315 with seven bombs and 30 RBIs entering the weekend.

5. Stanford (23-12, 9-6)

The Cardinal fit the mold of most Pac-12 teams — Arizona State being the biggest outlier — in that their pitching and defensive numbers are good, while their offensive numbers are average.

Stanford has probably the best pitch-

er in the league, and arguably the nation, in Mark Appel. Appel was drafted eighth overall by the Pittsburgh Pirates in last year's MLB draft, but chose to return for his senior season. The right-hander has a 7-2 record, 1.54 ERA and 84 strikeouts in nine starts

Throw in the fact that Stanford is 10-3 in its last 13 games, and the Cardinal are suddenly a team to watch out for. Their 9-6 conference record ties them for third in the Pac-12, and with a pitcher like Appel, they could beat any team.

6. Arizona (25-14, 9-9)

The defending national champs haven't been great in 2013 but just need to get hot at the right time like they did last season. Like Stanford, the Wildcats are 10-3 in

their last 13 and could be the best offensive team in the conference. Arizona

is 24th in the nation in runs per Johnny Field — first team

All-Pac-12 last season — is a top hitter in the conference once again, carrying a .377 average, 4 home runs and 33 RBIs

entering the weekend. What's worth noting is the schedule that the Wildcats have played thus far. Arizona has played 39 games in all and 28 of them have been at home. That's a big advantage.

7. Washington (12-26, 5-10)

The Huskies may be second-to-last in the Pac-12 standings, but are coming off a series win against the No. 5 team in the country and are 4-4 in their past eight games. 4-4 might not sound great, but it is much better than the other teams below

UW on these power rankings. The big blemish on their track record besides being 14 games under .500, of course — is their scoring. Washington is 267th in the nation, scoring 3.8 runs per game. The Huskies are scoring less runs per game than Manhattan, Lafayette and Fairfield, just to name a few. That's probably not a good thing if you want to be competitive in the Pac-12.

8. Washington State

(19-18, 6-9)



WSU is lucky to be eighth this week, as they're 1-5 in their last six games. The Cougars barely scraped out an 8-7 win over Cal during the weekend, otherwise they would be on a six-game losing streak.

With OSU, ASU and Stanford remaining on their schedule, WSU could find themselves losing a lot of conference games late in the season.

9. USC (16-23, 8-10)

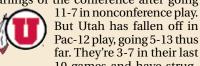
The Trojans have managed to remain fairly competitive in one of the best baseball conferences in Trojana America despite seeing their

head coach get fired less than a week before the season started.

Their pitching is below average with a team ERA of 4.80, but the fact that USC is only two games under .500 in Pac-12 play is impressive considering their talent and coaching situation this season.

10. Utah (16-20, 5-13)

The Utes were brutal in 2012 and looked like they could potentially be the darlings of the conference after going



far. They're 3-7 in their last 10 games and have struggled both offensively and defensively.

Utah's 4.18 team ERA is below average, and their best hitter statistically, Dallas Carroll, is hitting only .293 on the season. It looks like Utah still isn't fully acclimated to the stacked Pac-12.

11. Cal (18-22, 7-11)

Despite their mediocre record, the Golden Bears take the bottom spot on my power rankings because of their recent play. Cal is 2-10 in their last 12.

Offensively, Cal is nothing special, but can brag about Andrew Knapp. Knapp is hitting .351 on the year with six home runs, 31 RBIs and a .428 on

base percentage.

Where Cal's been bad is on the other side of the white line. Their pitching has been atrocious as of late, seeing

their team ERA climb all the way to 4.72. Chris Muse-Fisher, a reliever, has a hardto-look-at 8.84 ERA on the season. And it's not as if he hasn't thrown much this year. Muse-Fisher has appeared in 15 games and completed 18 1/3 innings.

> Andrew Kilstrom, sports editor On Twitter @AndrewKilstrom sports@dailybarometer.com



ALL BIKES! AT LEAST

& ACCESSORIES

KINK BMX BIKES **LOOK FOR OTHER BMX SPECIALS**

YAKIMA & **THULE CAR RACKS**

AT LEAST **CLOTHING**

 $35\%_{to}72\%_{off}$ **REMAINING 2012 OR OLDER BIKES**

30% off all kids carriers AT LEAST **20**% Off FALL 2012 PACKS, TENTS & SLEEPING BAGS

% **ALL SPRING & SUMMER**

CASUAL WEAR!

TAKE AN ADDITIONAL **10%Off REMAINING** WINTER CLOTHING!

AT **20% Off ALL FOOTWEAR!**

TAKE AN ADDITIONAL **20%Off FOOTWEAR CLOSEOUTS!**



135/207 NW 2nd • Downtown Corvallis • 541-754-6444

Earth Week April 20-27 **UPCOMING EVENTS:**

TODAY'S EVENTS:

Sustainability Bike Tour 2:15-3:15 pm | MU Quad Visit campus features! Bring your own bike and helmet if you have them; some provided.

Campus Creature Census

Pick a species and create an entry for the

Eco Film Festival: "YERT" 5:30-7 pm | MU Journey Room

Watch the film (<u>yert.com</u>) and enjoy snacks

recycle.oregonstate.edu

Oregon State

Drug Take Back Event 10 am-2 pm | Benton Co. Fairgrounds Details at http://tiny.cc/takeback13.

FRIDAY, 4/26

Arbor Day Centennial Tree Celebration and Planting

12-1 pm | Valley Library Quad

SATURDAY, 4/27

Anzor Tsarnaev told Russia's state-run RIA Novosti that he and his wife, Zubeidat, will leave the semi-autonomous southern Russian republic of Dagestan on Thursday. Authorities from various U.S. government agencies did not immediately confirm the

at length with U.S. and Russian

authorities, the father of the two

suspects in last week's deadly

Boston Marathon attack is set

to fly to the United States — and

cooperate with authorities — an

activist working with the family

told CNN.

Tsarnaevs' travel plans. According to the official Russian news report, a police source said Wednesday that the suspects' parents consented to their U.S. trip and "will be involved in the U.S. investigation."

After that report came out, human rights activist Kheda Saratova told CNN that only the father, Anzor, would travel to the

United States as early as Friday. The news of the impending travel comes nine days after three people died and scores were wounded when two bombs exploded at the marathon's fin-

Tamerlan Tsarnaev, 26, died days later following an early morning shootout with police. His body remained unclaimed Wednesday, according to Terrel Harris, a spokesman for Massachusetts' chief medical examiner's office. The exact cause of his death has not been determined.

His brother Dzhokhar was captured the next night after being found hidden inside a boat in the backyard of a Watertown, Massachusetts, home. Characterized in fair condition at a Boston hospital, the 19-year-old suspect has been communicating with authorities.

So, too, have his parents. On Wednesday, FBI agents were in Makhachkala, Dagestan a city that Tamerlan called home for several months in 2012 - to talk with the suspects' parents. The "conversation" — which included members of Russia's Federal Security Service—ended Wednesday evening, the men's mother told Saratova.

Both Anzor Tsarnaev and

Father of Boston bomb suspects to fly from Russia to US (CNN) — Hours after talking his wife have publicly insisted planned NYC 'party' they believe their children are

> innocent. Zubeidat Tsarnaev has said she's convinced her boys were framed "just because they were Muslim.'

> When asked whether she thinks her younger son will get a fair trial, she replied, "Only Allah will know."

> Russia asked U.S. twice to probe one suspect

> It's not clear if Zubeidat Tsarnaev might not return to the United States because she's in legal trouble there.

> She faces three felony charges for alleged shoplifting and property damage in Massachusetts in 2012, according to Natick District Court. She jumped bail, and there has been an arrest warrant for her since October, the court's clerk magistrate Brian Kearney said.

> Zubeidat Tsarnaev and her husband moved to Dagestan from the United States. The family is originally from the embattled Russian republic of Chechnya but fled from the brutal wars there in the 1990s. The two brothers were born in Kyrgyzstan and moved at different times to the United States.

> The family's adopted republic has become a focus for investigators, especially given that Tamerlan Tsarnaev went there during a six-month trip to Russia last year.

> Officials have been looking into what he may have done there during that time, though Tamerlan's father has said his son was with him throughout the trip. The young man is believed to have posted videos online tied to militant jihadists in the region.

> On two occasions before that in March and late September 2011 — Russian authorities asked U.S authorities to investigate Tamerlan Tsarnaev.

> They provided "basically the same information" both times, a U.S. government official said. A senior U.S. official with direct knowledge of the information said that the case from Russia "was extremely thin," adding that the European country wanted Tamerlan Tsarnaev questioned to see if he and others had become "radicalized."

Police: Suspects may have

What did the Tsarnaev brothers want to do days after inflicting pain and carnage in the Massachusetts capital?

According to New York Police Commissioner Ray Kelly, the brothers' destination may have been New York City and their plan may have been to "party."

Kelly said information collected from the surviving suspect included "something about a party or having a party."

"It may have been words to the effect of coming 'to party' in New York," Kelly said.

The man who was carjacked and held hostage — allegedly by the Tsarnaev brothers — just outside Boston last week said he thought he heard the two men say "Manhattan" in their conversation, the commissioner said. The one-time hostage has told investigators the suspects spoke in another language, which may have been Chechen or Russian, while he drove with them.

Dzhokhar Tsarnaev was in New York in late 2012, likely in November, Kelly said.

The brothers used a remote control device similar those used to control toy cars to detonate the two bombs in Boston, Rep. Dutch Ruppersberger, a Maryland Democrat and member of the House Select Committee on Intelligence, said Wednesday.

The surviving suspect, Dzhokhar, has indicated that his older brother Tamerlan masterminded the attack and described he and his brother as self-radicalized jihadists, according to a U.S. government source.

The teenager cited the U.S. wars in Afghanistan and Iraq as motivating factors behind the attack, a U.S. government official said.

Dzhokhar told authorities that neither he nor his brother had had any contact with terrorist groups overseas, the U.S. government official said. But the official cautioned that the interviews were preliminary and that Tsarnaev's account needs to be checked out.

Dzhokhar Tsarnaev has been charged with using and conspirdestruction resulting in death and one count of malicious car Thursday night.

destruction of property by means of an explosive device resulting in death.

The suspects' uncle said a friend of Tamerlan's "brainwashed" him. And the suspects' former brother-in-law said Tamerlan seemed to be influenced in Islam by a friend named Misha, but that he did not see Misha try to radicalize him.

Investigators had no immediate comment on reports of someone named "Misha."

Investigators are looking into the possibility Tamerlan Tsarnaev who was married with a young daughter, whom he frequently cared for while his wife worked as a home health aide - may have helped finance the bomb plot through drug sales, according to a source familiar with the investigation.

Boylston Street reopens as slain officer is mourned

For more than a week, a stretch of Bolyston Street — traditionally one of the busiest parts of Boston – has been a crime scene in the aftermath of the blasts that left three dead.

Traffic has been barred from the thoroughfare and businesses have been closed.

Until now.

On Wednesday, workers replaced missing bricks and patched up concrete on the street just before opening it to pedestrian traffic. Crews were repairing damage caused by the two bombs, which were placed near the marathon's finish line.

"I think that Boston is a tough city and it will be rejuvenated and ready to go," said David Sapers, owner of Sugar Heaven on Boylston Street.

Those wounded in the explosions, meanwhile, continued to recover as well.

Of the more than 260 people who were hurt, 33 remain hospitalized Wednesday night, according to a CNN tally. One person is in critical condition at Boston Medical Center.

In Cambridge, mourners gathered at the Massachusetts Institute of Technology campus to honor Campus Officer Sean Collier, the fourth person killed last week. Authorities believe ing to use a weapon of mass the Tsarnaev brothers shot Collier as he sat in his patrol

Barometer Now hiring



News Reporters

Contact

Don Iler, Editor-in-Chief, editor@dailybarometer.com or stop by 118 MU East/Snell Hall



Sky High

Dream-On

A pale ale



Bridgeport Brewing

Trumer Pils



2527 NW Monroe Ave.

Magic Hat **Brewing Company**

Not quite pale ale



Sierra Nevada Torpedo IPA

Corner of Monroe & 23rd

Sierra Nevada Brew Tour



Oakshire

1045 NW Kings Blvd.

Brewing

Perfect Storm IPA



Calapooia Brewing Clurichaun Irish Red Ale

Willamette & Cascade hops



Brewing Company Firestone Walker IPA

126 SW 1st Street



Elysian Brewing Co. Superfuzz Blood **Orange Pale Ale**

Easy drinkin' without much thinkin'

While supplies last. • Prices may vary.

Dartmouth cancels classes after student protest, online threats

(CNN) — Dartmouth College canceled classes Wednesday after a student protest sparked a threatening backlash on a campus online forum, according to a college spokesman.

On Friday, current Dartmouth students interrupted a welcome show for recently admitted students by chanting about aspects of student life

they found troubling, such as threatening and abusive online site has since been shut down. issues around homophobia and sexual assault on campus. The welcome show was designed to highlight why the prospective students should attend Dartmouth, college spokesman Justin Anderson said.

The decision to cancel classes was prompted by a series of

posts that targeted the students who protested at the welcome show, a letter sent to Dartmouth students and faculty said.

The online postings appeared on BoredAtBaker.com, a student Dani Valdes, 22. The web-hostility they experienced.

Comments on the website included derogatory, homophobic, racist, and sexist remarks directed at the student protesters. Threats of violence and sexual assault also appeared. Although Dartmouth-exclusive forum student protesters expected where students post about hap- campus-wide reaction, they say penings on campus, according to were not anticipating the level of





Police: Body found in river may be missing Brown University student

(CNN) — The body of a young man found in the Providence River on Tuesday may be that of Sunil Tripathi, a student at Brown University who disappeared March 16, police told CNN.

A Brown rowing coach reported a body in the river near India Point Park, Lindsay Lague, a spokeswoman for the Providence Police Department, said Wednesday.

Lague said authorities may be able to identify the body as soon as Thursday morning.

When asked if it might be Tripathi, Detective Mark Sacco said it was "likely' but was cautious to say they won't know who it is until the medical examiner makes a determination.

The body is a man between the ages of 18 and 30, he said.

The Tripathi family's search for the 22-year-old philosophy major has been detailed on a Facebook page, "Help us find Sunil Tripathi."

They temporarily took down the page after they were inundated by ugly comments when Sunil Tripathi was falsely accused on social media of being one of the Boston Marathon bombers.

After the FBI released images of Suspect 1 and Suspect 2, people took to sites such as Reddit, a real-time message board, and Twitter speculating that Tripathi looked like one of the suspects.

Reddit's general manager apologized to the Tripathi family for the misinformation.

Tripathi was last seen in the early hours of March 16, recorded on a security video walking south on Brook Street in Providence, not far from his home. His last recorded computer activity was shortly before that sighting.

"He was seen on the 15th, Friday, hanging out with his friends, talking to family members, all normal activities, nothing out of the ordinary that anyone detected, his brother Ravi told CNN affiliate WPRI

Since then a desperate search has been on for Tripathi, known to family and friends as "Sunny.

Tripathi, who had been struggling with depression, was last seen wearing blue jeans, a black Eastern Mountain Sports ski jacket, glasses and a black Philadelphia Eagles wool hat. He was said to be 6 feet tall, 130 pounds, with short, dark hair.

By March 17, nobody had seen him for 24 hours, and a friend became concerned and called the police. At that point, the family was notified and came up from Philadelphia as soon as they could, Ravi

"We are a very tight-knit family, and it's very out of the ordinary that he would be not in contact for even 24 hours," Ravi told WPRI. "He spoke with his aunt, he spoke with his grandmother Friday night, he texted with my mum, all normal activities, and then his cell phone was left in his apartment along with his wallet and ID, which is totally atypical for him.'

The FBI and other agencies launched a search of Providence, Rhode Island, and nearby cities after he was reported missing, but no trace was found.

Over the past month, Ravi has appeared on local and national networks appealing for help to find his sibling, the youngest

At the time he went missing, Sunil Tripathi was on approved leave from the Ivy League school, meaning that he had requested and was granted time off but remained a student there.

out exactly what he wanted to do, Ravi told WPRI.

He described his brother as a quiet person who enjoyed the little things in life. His preferred food was vegetarian and he was a talented saxophonist, the family said.

'Our concerns are first and foremost with Sunil and his family," Margaret Klawunn, vice president for student life and campus services at Brown University, said last month. "We are hopeful that by encouraging the Brown community to help spread the word that Sunil will be located.'

Sunil had been living in Providence since 2008 but grew up in Radnor, Pennsylvania.

The family, including Sunil's sister, Sangeeta, tried to find him by re-creating the sequence of events early on March 16, in the hope of finding a clue to where he might have gone. They also got the word out by posting fliers, canvassing the area, working with law enforcement and sought to harness the power of social media.

A tweet a week ago on the family's Twitter page, Finding Sunny, said: "Sunny day. We're out in Providence postering away — learning the nooks and crannies of every block of this town....

A moving video was posted on YouTube on April 8, simply titled "For Sunny," in which family and friends appeal for him to come home, telling him how much they love him and want to see him.

The family "want to know that he's safe," Ravi told WPRI just six days before the Boston bombing. "All we really want to know is that he's around and that he's

"And we would like him to know that we Sunil had taken the time off to figure love him deeply and we miss him a lot."

Largest frame selection in town! Va**具**ey Eye Care 541-754-6222 • valleyeyecare.com

MEDIA **POSITION** ANNOUNCEMENT

Summer Barometer Editor

June 17 – August 16

This position is open to any bonafide 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 Spring 2013 and intend to be enrolled for at least 6 academic credits Fall 2013, (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 Student Media Office, MU East 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 Friday, May 3 at 5 p.m. Position open until filled.

Applicants will be interviewed by the University Student Media Committee on May 17 at 3 p.m.



Classifieds

Help Wanted

STUDENTPAYOUTS.COM Paid survey tak Click on Surveys.

COLLEGE PRO is now hiring for painting all across the state to work outdoors with other students. Earn \$3k-5k. Advancement opportunities + internships. 1-888-277-9787 www.collegepro.com

Summer Employment

FULL-TIME STUDENT SUMMER WORK with OSU Wheat Research. Must be 18, willing to work outdoors, and travel. Inte e-mail mark.larson@oregonstate.edu

Services

EDITING: DISSERTATIONS, THESES, publications, term papers. Tutoring: English lan guage skills. Experienced retired professor 541-740-3707

Services

PREGNANT? Free pregnancy test. Informavalllis 541-757-9645. Albany 541-924-0166. www.possiblypregnant.org

Help Wanted

TOP-CASH PAID FOR USED BOOKS/TEXTBOOKS

Michael Knight Flat Earth Books

For Rent

4 & 5 BEDROOM NEW OR RECENTLY BUILT HOUSES & TOWNHOUSES, north side of campus, mostly within 5 blocks, available June/July, 541-753-9123

For Rent

NOW LEASING for next school year. Town

Special Notices

Turn your unwanted <u>GOLD JEWELRY</u> into <u>CASH</u> MJPM, Inc.

Buyer Beware

Daily Barometer assumes no ability for ad content or response Ads that appear too good to be true, probably are. Respond at your own risk.

CLASSIFIED ADS are now ON-LINE!

To place an online and/or print classified ad, go to <u>dailybarometer.campusave.com</u>

Online Rates: FREE to students, staff & faculty with <u>onid.orst.edu</u> email \$25 per ad per month

No refunds will be issued. **Print Rates:**

15 words or less, per day - \$3.75 Each additional word, per day - 25¢ 10 Days - 25% off • 20 Days - 50% off

Create and solve your Sudoku puzzles for FREE.

Play Sudoku and win prizes at: PRIZESUDOKU.com

♦ Today's Su • do



Hard

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

To play: Complete the grid so that every row, column and every 3X3 box contains the digits 1 to 9. There is no guessing or math involved, just use logic to solve.



Yesterday's Solution

HOUSE FOR RENT •3 Bedrooms

2.5 Bathrooms

Brand New!

1 Car Garage

•1500+ sq.ft. **503-577-4279**

\$1750/month

OREGON STATE UNIVERSITY

MOMS & FAMILY WEEKEND 2013



MUPC

Merchandise on sale beginning April 29 in Memorial Union 103 and at the MUPC Welcome Table May 3rd & 4th in the MU Concourse. For more information about the schedule of events, check out mu.oregonstate.edu/mupc/momsweekend

425 SW Third Street, Corvallis

The Oregon State University



TUESDAY, MAY 21, 2013 Projects Memorial Union Quad created, conducted, things
you've invented — you've
accomplished a lot already. Now
it's your turn to show it off in a formal,
résumé-building presentation.

Participants will receive a certificate of presentation, and top presenters will be awarded prizes.

Register by: Friday, May 3, 2013, 5 p.m.

Eligibility: All Oregon State undergrads are eligible to present solo or group projects, whether they are in progress or have already been completed.

For more information and registration, visit oregonstate.edu/urm/events/cue. Questions? Contact Joy Jorgensen at Joy.Jorgensen@oregonstate.edu.

Oregon State

8 • Thursday, April 25, 2013 news@dailybarometer.com • 737-2231

Bush 43: 'I'm a content man'

Bush is a proud new grandfather and fascinated by his unlikely new hobby: painting.

But some things haven't changed a bit: the trademark smirk when he is amused, a squinty glare when he doesn't appreciate the question — and a quick turn to humor when the conversation turns to "legacy," including the scars of Iraq or the cloud of Katrina.

"History will ultimately judge the decisions that were made for Iraq and I'm just not going to be around to see the final verdict," the two-term president told CNN in a wide-ranging interview.

"In other words, I'll be dead." On Thursday, every living president will be on hand for the dedication of the George W. Bush Presidential Center in Dallas. One, of course, will be his father, George Herbert Walker Bush; the other three, Democrats—Presidents Jimmy Carter, Bill Clinton and Barack

The 43rd president said he has learned lessons from his predecessors about how to make a mark after leaving the White

"You learn that life doesn't end after you're president," Bush said. "In other words, you're going a hundred miles an hour and, and, in my case, we woke up in Crawford and now it's going zero. And so the challenge is how to live life to its fullest.

"In my case, I've chosen to do so outside the limelight. On the other hand, I am confident that when this chapter of our life is finished, that we'll both be able to say that we've advanced the cause of peace and freedom and -and the human—and helped improve the human condition."

In July, Bush visited Zambia

DALLAS (CNN) - George W. and Botswana to promote a Candidate Bush had promised health initiative that focuses a humble foreign policy, with on cervical and breast cancer prevention and treatment. He also helped create the Clinton Bush Haiti Fund, which focuses on long-term economic reconstruction projects that create jobs and promote economic opportunity.

> Laura Bush said her husband rarely itches to add his voice to the daily political debate. The former president said he knows the library dedication will re-stir the debate about his presidency, and he conceded the library is in part an effort by him and supporters to influence history's zerdict.

> But he predicted visitors would find it "more objective" than they might have imagined and he showed little interest in revisiting flash points like Iraq, Hurricane Katrina or the 2008 financial crisis. Or the scorn with which many Republicans look back at the Bush presidency.

> "You know, I'm really not that concerned about why people did what during my presidency." Bush said. "I'm more concerned about being an effective person for the rest of my life.

> "I know this, that Laura and I gave the presidency eight years of our life. We gave it our all. Made the best judgment calls I could. I didn't compromise my principles. And I'm a content man. And I am excited about what we're going to do here."

> The library path is a quick reminder of how everything changed on a crisp September morning. One early exhibit is filled with children's books education reform was to be a major first term priority.

Then, the dress Laura Bush wore to a state dinner on September 6, 2001, for then-Mexican President Vicente Fox.

a heavy focus on the Western Hemisphere.

One step past images of that festive dinner takes you into the horror and carnage of September 11, including a twisted beam from the second tower of the World Trade Center and the bullhorn the president used during his now iconic visit to the rubble at ground zero a few days after the attacks.

Given his heavy focus on terrorism as president, we began the conversation with his thoughts when he heard the news of the explosions at the Boston Marathon finish line.

"I was reminded that evil exists," Bush said. "And that there are people in the world who are willing to kill innocent people to advance a cause."

The Decision Points Theater is a centerpiece of the library tour. Visitors can relive big Bush administration policy debates, and read and listen to some of the advice given to the president at the time. Then they can pick a course of action.

Never known as one to second-guess himself, the former president conceded problems in administering the Iraq war but was adamant he believed history would embrace the decision to go to war.

Asked if he is now convinced he launched the war with too small a U.S. military force, Bush said, "There are some know, tactics that need to be revisited. On the other hand, the removal of Saddam Hussein was the right decision. America is more secure. The Iraqi people have a chance to live in a free society."

He said he will take no offense if museum visitors come to a different conclusion.

Programs Audiology NEW Dental Health Science

Gerontology

Pharmacy Physical Therapy

(Dental Hygiene)

Occupational Therapy

800-677-6712 | admissions@pacificu.edu

Healthcare Administration

Healthcare Compliance NEW

Physician Assistant Studies



HANNAH GUSTIN | THE DAILY BAROMETER

Students from the Newman Center will travel to Belize on July 1 to coordinate with largely Catholic community to work with children and organize retreats for young adults.

Newman Center goes to Belize

On-campus Catholic ministry to take summer mission trip to Belize with the St. John society to organize bible school

By Kate Virden

THE DAILY BAROMETER

The Newman Center at Oregon State University is taking a 12-day mission trip



HANNAH GUSTIN | THE DAILY BAROMETER

Loafing in the quad

Father Ignacio Llorente is one of the priests going on the trip to Belize.

to Belize. The on-campus Catholic student ministry was given the opportunity through connections with the St. John Society.

A group of approximately 25 students from OSU and Portland State University, along with two priests and two nuns, will travel to Central America on July 1.

David Nauss, a junior majoring in political science, is the leader of the mission trip based on his past experience in traveling to Argentina.

The students will live in an elementary school where they will sleep on the floor and alternate sharing three showers between them for the 12 days.

'We'll be living a simpler life," Nauss said.

The missionary work includes organizing a vacation bible school for younger children and various retreats for young adults and adults, as well as service work that will take place on convents. Nauss said the majority of Belize is Catholic and through that similarity, he is looking forward to sharing the same faith.

To fundraise, the Newman Center sent letters to family and friends asking for support.

The next activity is to work with the Hispanic ministry. The students will spend three days making and selling tamales.

"I experience and see people and when they grow in their faith, their lives completely change for the better," Nauss said.

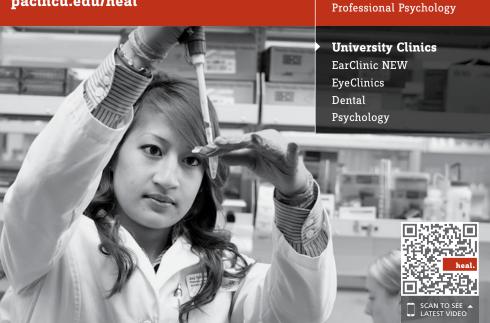
Kate Virden, news reporter

news@dailybarometer.com

Preparing students to deliver quality care.

heal

Care for the wellbeing of people at all stages of life. At Pacific University, our interprofessional approach will help you develop a foundation for integrative care and our focus on service will give you professional and graduate-level experience.



ARTS & SCIENCES | OPTOMETRY | EDUCATION | HEALTH PROFESSIONS | BUSINESS



HANNAH GUSTIN | THE DAILY BAROMETER Alex Larson, a senior in business management and computer science, and David Shumway, a senior in biology, sit on a couch in the Memorial Union quad on Wednesday. Both are part of the Acacia fraternity. For the past few days they have been bringing the couch to the quad by truck and carrying it into the quad. They say that it beats studying inside in the dark, and they have met many interesting people. The other day a woman came by with a bunch of Malamute puppies, and another woman who was a massage therapist gave them both free massages.